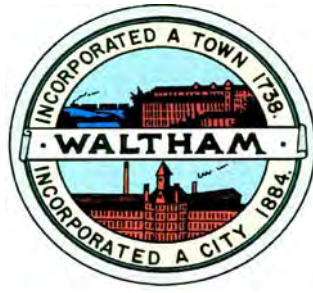


The City of Waltham



**Invites
Interested Parties
To propose the best offer and or bid
For the service or product herewith described:**

Design, Mount Feake Cemetery Expansion

The bid opening will be held: Thursday October 16, 2014 at 10:00AM

Site Visit and Project Briefing: Thursday October 9, 2014 at 10:00AM

(Meet at Mount Feake Cemetery, 203 Prospect Street, Waltham, MA 02453)

Phone: 781-314-3244, Fax: 781-314-3245

Table of Contents:

- **Invitation to Bid**
- **Intent of the Project**
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Invitation to Bid

The City of Waltham

Purchasing Department

REQUEST FOR BID (RFB)

Under the rules of M.G.L. Chapter 7, the Chief Procurement Officer of the City of Waltham Purchasing Department hereby requests sealed bids for:

Design, Mount Feake Cemetery Expansion

Price Proposals will be received at the office of the Purchasing Agent, City Hall, 610 Main Street, Waltham MA 02452, until,

Thursday October 16, 2014 at 10:00AM

At which time and place the bids will be publicly opened and read.

Site Visit and Project Briefing: Thursday October 9, 2014 at 10:00AM

(Meet at Mount Feake Cemetery, 203 Prospect Street, Waltham, MA 02453)

Note this is a two envelope solicitation. In one envelope place your technical response and compliance documents. In the second sealed envelop place the price sheet. Mark the outside of each envelope with the name of the project.

Specifications and information available on line by visiting the Waltham Purchasing Department web site at www.city.waltham.ma.us/open-bids

BIDS MUST BE SIGNED AND ENCLOSED IN A SEALED ENVELOPE AND MARKED:

BID FOR: Design, Mount Feake Cemetery

If the Bidder is a corporation, state your correct corporate name and State of incorporation. If Bidder is a partnership, state names and addresses of partners. If Bidder is a trust or other legal entity, state correct names and addresses of trustees or names and address of those legally authorized to bid and enter into contracts.

EXCEPTION OR ALTERNATES TO SPECIFICATIONS, TERMS OF SALE, AND DISCOUNTS AVAILABLE, MUST BE INCLUDED IN THE BID PRIOR TO OPENING DATE.

Intent of Project

The City of Waltham wishes to select a designer to develop all technical bidding documents, for certain improvements at the Mount Feake Cemetery as listed below

- New cemetery drives, circulation, and utilities
- Cemetery plot layout
- Environmental permitting
- Design of landscaped areas at key locations
- Urn niche locations
- Landscape enhancements to include buffering at the maintenance area, new tree and shrub plantings, tree pruning, tree removals, and removal of invasive plant species
- Other miscellaneous site improvements

AGREEMENT

CITY OF WALTHAM

ARTICLE 1. This agreement, made this _____ day of _____, 2014 by and between the CITY OF WALTHAM, party of the first part, hereinafter called the CITY, by its MAYOR, and

hereinafter called the CONTRACTOR.

ARTICLE 2. Witnesseth, that the parties to this agreement, each in consideration of the agreement on the part of the others herein contained, do hereby agree, the CITY OF WALTHAM for itself, and said contractor for his heirs, executors, administrators and assigns as follows:

To furnish all equipment, machinery, tools and labor, to furnish and deliver all materials required to be furnished (except as otherwise specified) and deliver in and about the project and to do and perform all work in strict conformity with the provisions of this Contract and of the Notice to Bidders, bid, Project Manual, and Drawings hereto annexed. The said Notice to Bidders, bid, Project Manual, and Drawings are hereby made a part of this contract as fully and to the same effect as if the same had been set forth at length and incorporated in the contracts.

ARTICLE 3. In consideration of the foregoing premises the CITY agrees to pay and the CONTRACTOR agrees to receive as full compensation for everything furnished and done by the CONTRACTOR under this contract, including all work required by not included in the items herein mentioned, and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work specified, and for well and faithfully completing the work, and the whole thereof, as herein provided, such prices as are set forth in the accompanying bid.

Date for final completion of the project is **75 Days** from the date of the Notice-to-Proceed (NTP)

This Agreement entered into as of the day and year first written above.

CITY OF WALTHAM, MASSACHUSETTS

FOR THE CITY

Jeannette A. McCarthy, MAYOR,
City of Waltham
Date: _____

John B. Cervone, City Solicitor
Date: _____

APPROVED AS TO FORM ONLY

Michael Chiasson, CPW Director
Date: _____

Joseph Pedulla, Purchasing Agent
Date: _____

Paul Centofanti, Auditor
Date: _____

I CERTIFY THAT SUFFICIENT FUNDS
ARE AVAILABLE FOR THIS CONTRACT

FOR THE COMPANY

CONTRACTOR (Signature),
Date: _____

Company

Address

Instructions

INSTRUCTIONS FOR BIDDERS

1. **READ ALL DOCUMENTS.**

Bidders should familiarize themselves with all the documents contained herein; it is mandatory that all Bids be in compliance with all the provisions contained in said documents.

2. **FORMS AND ATTACHMENTS.**

Bids are to be completed on the forms provided ONLY and enclosed in a sealed envelope marked on the outside "BID (title)" and the name and address of bidder. Attachments submitted in addition to the Waltham Purchasing Department produced forms may not be considered.

3. **PRINTED OR TYPED RESPONSE.**

All information must be typewritten or printed in ink, including the price the bidder offers in the space as provided on the bid form.

4. **CORRECTIONS.**

Bids that are submitted containing cross outs, white outs or erasures, will be rejected.

All corrections or modifications to the original bid are to be submitted in a separate envelope, properly marked on the outside, "CORRECTION/ MODIFICATION TO BID (title)" and submitted prior to the bid opening.

ALL DOCUMENTS SUBMITTED WITH YOUR RESPONSE WILL BE INCORPORATED INTO THE CONTRACT.

5. **PRICE IS ALL INCLUSIVE.**

Bid prices shall encompass everything necessary for furnishing all items, materials, supplies or services as specified, and in accordance with the specifications, including proper packing, cost of delivery, and in the case of services, completion of same, as per specifications.

6. **PRICE DISCREPANCY.**

In the event of a discrepancy between the Unit Price and the Extension, the Unit Price shall prevail.

7. **EXPLANATIONS, EXCEPTIONS**

Explanations, exceptions or other information pertinent to the specifications may be made in writing and included in the same envelope with the bid.

8. **BID DEPOSITS.** (If Applicable)

Bid deposits are to be made payable to the City of Waltham. In the event that the successful bidder fails to execute a Contract within (10) days of the receipt of said contract, such security shall be retained by the city as liquidated damages. Unsuccessful bidders' deposits will be returned immediately following the award to said successful bidder.

9. **WITHDRAW.**

A Bid may be withdrawn by written request prior to the schedule for the Bid Opening. No withdrawals are permitted after the bid opening date and time. Withdrawals after the bid opening date will cause the forfeit of the bid Deposit.

10. **AWARD.**

Bids will be awarded not later than (90) ninety days after the scheduled bid opening date, unless otherwise stated, in the specifications. Unless otherwise specified, bids will be evaluated on the basis of, completeness of your RFP response, responsiveness, responsibility, best price and experience.

11. **AWARD CRITERIA.**

Qualified and responsive proposals will be evaluated based on Technical, Price, and Compliance requirements.

12. **DISCOUNTS.**

Discounts for prompt payments will be considered when making awards.

13. **TAX EXEMPT.**

Purchases by the City of Waltham is exempt from any Federal, State or Massachusetts Municipal Sales and/or Excise Taxes.

14. **SAMPLES.** (If Applicable)

The City of Waltham may require the submission of samples either before or after the awarding of a contract. Samples are to be submitted, at no charge to the City, so as to ascertain the product's suitability. If specifically stated in the Bid that samples are required, said samples must be submitted with the Bid prior to the Official Bid Opening. Failure to submit said samples would be cause for rejection of Bid. All samples must be

called for and picked up within (30) thirty days of award or said samples will be presumed abandoned and will be disposed of.

15. **ACTIVE VENDOR LIST.**

Vendors who wish to remain on the Active Bid List must either submit a Bid, No Bid, or a letter requesting same, no later than the Official Bid Opening. This is applicable to those vendors who have received the Invitation to Bid.

16. **FUNDS APPROPRIATION.**

THE CONTRACT OBLIGATION ON BEHALF OF THE CITY IS SUBJECT TO PRIOR APPROPRIATION OF MONIES FROM THE GOVERNMENTAL BODY AND AUTHORIZATION BY THE MAYOR.

17. **THE AWARDING AUTHORITY RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS, OR ANY PART OF ANY BID, WHICH IN THE OPINION OF THE AWARDING AUTHORITY, IS IN THE BEST INTERESTS OF THE CITY OF WALTHAM.**

18. **THE TAX ATTESTATION CLAUSE, CERTIFICATION OF NON-COLLUSION AND THE CERTIFICATE OF VOTE AUTHORIZATION,** are required by statute and are an integral part of the Invitation for Bid and must be completed and signed by the person submitting the Bid, or by the person/persons who are officially authorized to do so. Failure to do so may disqualify the bid.

19. **STANDARD OF QUALITY.**

Where, in the specifications, one certain kind, type, catalog number, brand or manufacturer of material is named, it shall be regarded as the required standard of quality. Where two or more are named, these are presumed to be equal and the Bidder may select one or the other. If the Bidder proposes to offer a substitute as an equal, he shall so indicate on the Bid Form, the kind, type, catalog number, brand, or manufacturer of material that is offered as an equal, and describe where it differs from the specifications. Substituted items must be capable of performing all the functions and/or operational features described or indicated in the specifications. Failure to indicate the description of any substitute item on the Bid will be interpreted to mean that the Bidder will furnish the item or service as specified.

20. MODIFICATION.

No agreement, understanding, alteration or variation of the agreement, terms or provisions herein contained shall bind the parties, hereto unless made and executed in writing by the parties hereto.

21. ASSIGNMENT.

The final payment for work done under this Contract shall be made only after the Contractor has signed a statement under the penalty of perjury, certifying that he has completed the work described in the final estimate. Neither party hereto shall assign this Contract or sublet it in part or as a whole without the prior written consent of the other party hereto. The Contractor shall not assign any sum or sums due or becoming due to him hereunder without the prior written consent of the City.

22. DELIVERIES: (If Applicable)

a) The Contractor shall pay all freight and delivery charges. The Waltham Purchasing Department does not pay for shipping and packaging expenses. Items must be delivered as stipulated in the specifications. All deliveries must be made to the inside of city buildings. Sidewalk deliveries will not be accepted. City personnel are not required to assist in the deliveries and contractors are cautioned to notify their shippers that adequate assistance must be provided at the point of delivery, when necessary.

b) All items of furniture must be delivered inside the building, set up, in place and ready for use. Deliveries are to be made between the hours of 8:30 a.m. and 3:00 p.m., Monday through Friday, except on holidays.

c) All damaged items, or items which do not comply with specifications will not be accepted and title therefore will not vest to the Waltham Purchasing Department until such items are accepted and signed for, in good order, by the receiving department.

d) The contractor must replace, without further cost to the Waltham Purchasing Department, such damaged or non-complying items before payment will be made.

23. LABELING. (If Applicable)

All packages cartons or other containers must be clearly marked with (a) building and room destination; (b) description of contents of item number from specifications; (c) quantity; (d) City of Waltham Purchase Order Number and (e) Vendor's name and order number.

24. GUARANTEES.

Unless otherwise stipulated in the specifications, furniture, equipment and similar durable items shall be guaranteed by the contractor for a period of not less than one year from the date of delivery and acceptance by the receiving department. In addition, the manufacturer's guarantee shall be furnished. Any items provided under this contract which are or become defective during the guarantee period shall be replaced the contractor free of charge with the specific understanding that all replacements shall carry the same guarantee as the original equipment. The contractor shall make such replacement immediately upon receiving notice from the Purchasing Agent.

25. SINGLE VENDOR.

The Waltham Purchasing Department desires to award a single contract based on the Grand Total Price. However, where applicable, the City reserves the right to make multiple awards on a unit price basis if, in the opinion of the Waltham Purchasing Department, it is in the best interest of the Waltham Purchasing Department.

26. CHANGE ORDERS.

Change orders are not effective until, if, as and when signed by the Mayor and no work is to commence until the change orders are fully executed.

28. BID OPENING INCLEMENT WEATHER

If, at the time of the originally scheduled bid opening, City Hall is closed to inclement weather or another unforeseeable event, the bid opening will be extended until 2:00 PM on the next normal business day. Bids will be accepted until that date and time.

GENERAL CONDITIONS

GENERAL CONDITIONS

1. INFORMATION

All information shall come from the Office of the City Purchasing Agent. The Contractor shall inquire at this office for any information needed. Wherever the words “or equal as approved” are used, it is to be understood that the opinion of the City Purchasing Agent shall govern.

2. SUITS

The Contractor shall assume defense of and shall indemnify and hold the City and its agents harmless from all suits and claims against the City and its sub-contractors arising from the use of any invention, patent right labor or employment, or from any act of omission or neglect of the City, its agents, employees or any subcontractor in performing the work, under this contract.

3. LAWS AND REGULATIONS

The Contractor shall conform to all the applicable rules, regulations, laws and ordinances of the City of Waltham, the Commonwealth of Massachusetts, the United States of America and all agencies having jurisdiction over this contract.

4. PROTECTION OF PROPERTY

The Contractor shall take all proper precautions to protect the City’s property from damage and unnecessary inconvenience. Any City property damaged by the Contractor in carrying out the provisions of this contract shall be restored to its original condition, by and at the expense of the Contractor.

5. PROTECTION OF PERSONS

The Contractor shall take all proper precautions to protect persons from injury, unnecessary inconvenience, and shall be responsible for his failure to do so. The Contractor agrees to hold the City harmless from any and all liabilities of every nature and description, which may be suffered through bodily injury, including death, to any person, by reason of negligence of the Contractor, his agents or employees, or any subcontractor.

6. CONTRACT DURATION.

This contract is for the period required to complete the project.

7. INSURANCE

A. **WORKMAN'S COMPENSATION:** The Contractor shall provide insurance for the payment of compensation and furnishing of other benefits under Chapter 152 of the General Laws of the Commonwealth of Massachusetts to all persons to be employed under this contract, the premiums for which shall be paid by the Contractor. Contractors shall provide insurance on a primary basis and the contractor's policy shall be exhausted before resorting to other policies. The contractor's policy is the primary one not the contributory.

B. **COMPREHENSIVE GENERAL LIABILITY**

Bodily Injury:	\$1,000,000 Each Occurrence
	\$2,000,000 Aggregate
Property Damage:	\$1,000,000 Each Occurrence
	\$2,000,000 Aggregate

C. **AUTOMOBILE (VEHICLE) LIABILITY**

Bodily Injury	\$2,000,000 Each Occurrence
Property Damage	\$1,000,000 Aggregate

D. **UMBRELLA POLICY**

General liability	\$2,000,000
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Your bid response must include a Certificate of Insurance with the above limits as a minimum. In addition, the Certificate of Insurance must have the following text contained in the bottom left box of the Certificate: *"The City of Waltham is a named additional insured for all insurances under the contract, excluding Automobile and Workers Compensation coverage"*. **Failure by the contractor to provide a current and updated insurance policy, during the entire duration of the contract, may result in additional legal liability.** The Certificate of Insurance must be mailed directly to:

Office of the Purchasing Agent
Purchasing Department
City of Waltham
610 Main Street
Waltham, MA 02452

8. PERSONNEL:

The Contractor shall employ a competent supervisor and all properly licensed personnel necessary to perform the services required in this contract. The City

Purchasing Agent shall have the right to require the Contractor to remove and/or replace any of the personnel for nonperformance or for unprofessional behavior.

The City Purchasing Agent may require the Contractor to submit a weekly performance record of the areas and of the work performed, on forms approved by the City Purchasing Agent. The Contractor or his supervisor shall be available to inspect such work as required by the City Purchasing Agent.

9. **MATERIALS** (If Applicable)

The City or its Agent reserves the right to approve or reject any supplies, material or equipment used by the Contractor. The Contractor agrees to replace any supplies, material or equipment used by the Contractor. The Contractor agrees to replace any rejected supplies, materials or equipment, to the satisfaction of the City or its Agents.

10. **TERMINATION OF CONTRACT**

This contract may be terminated by the City upon deliverance to the Contractor of a five-day written notice of said termination.

11. **CONTRACT OBLIGATIONS**

Contract obligations on behalf of the City are subject to an annual appropriation to cover the contract obligation.

12. **BIDDER EXPERIENCE EVALUATION**

Each bidder shall submit with his bid, all the information relative to their experience and qualifications in performing the work required under this contract and shall have been in business for a minimum of five (5) years, in order for their bid to be considered.

15. **NOT-TO-EXCEED AMOUNT**

The bid amount proposed in your company's response is a "not-to- Exceed" amount unless the City makes changes, in writing, to the scope of work to be performed. The Change Order must be signed and approved by the City's Purchasing Agent, City Auditor, Law Department and the Mayor prior to the commencement of the change order work. No work is to begin until the proper approvals have been obtained. A change order will be priced at the unit price. Failure to comply with this procedure will result in the cancellation of the contract and the non-payment of services provided

16. FINANCIAL STATEMENTS.

The City may require, within five (5) days after the bid opening, a complete and detailed Financial Statement prepared by a Certified Public Account, to determine a bidder's financial stability.

17 BREACH OF CONTRACT/ NON PERFORMANCE

If the Contractor shall provide services in a manner, which is not to the satisfaction of the City, the City may request that the Contractor refurnish services at no additional cost to the City until approved by the City. If the Contractor shall fail to provide services, which are satisfactory to the City, the City in the alternative may make any reasonable purchase or Contract to purchase services in substitution for those due from the Contractor. The City may deduct the cost of any substitute Contract for nonperformance of services together with incidental and consequential damages from the Contract price and shall withhold such damages from sums due or to become due to the Contractor. If the damages sustained by the City exceed sums due or to become due, the Contractor shall pay the difference to the City upon demand. The Contractor shall not be liable for any damages sustained by the City due to the Contractor's failure to furnish services under the terms of this Contract if such failure is in fact caused by the occurrence of a contingency the nonoccurrence of which was a basic assumption under which this Contract was made, including a state of war, embargoes, expropriation of labor strike or any unanticipated federal, state or municipal governmental regulation of order, provided that the Contractor has notified the City in writing of such cause within seven (7) days after its occurrence.

18 RIGHT TO AUDIT

The City of Waltham has the right to review and audit documents related to this contract. This right extends to any subcontractor, supplier or other entity used by the prime contractor to fulfill the obligations under this contract.

19. CITY ORDINANCE. APPROVAL OF CONTRACTS BY MAYOR, SEC. 3-12 OF THE CITY ORDINANCES.

All contract made by any department, board or commission where the amount involved is two thousand dollars (\$2,000) or more shall be in writing, and no such contract shall be deemed to have been made or executed until the approval of the Mayor is affixed thereto. Any construction contract shall, and all other contracts may, where the contract

exceed five thousand dollars (\$5,000) be required to be accompanied by a bond with sureties satisfactory to the Mayor.

20. **ACTIVE REPARATION CLAIMS**

Does your company or any of its Principals have an active reparation Claim with the City.

A claim is any demand by a contract for the payment of disputed invoices, payment penalties, labor disputes, interest, etc. YES _____, NO _____ (*circle or check applicable*).

If YES Please explain the nature of the claim, date of the claim and City Department

(Add an additional page if necessary)

Specifications

**MOUNT FEAKE CEMETERY EXPANSION
SCOPE OF DESIGN SERVICES.**

The City of Waltham wishes to select a designer to develop all technical bidding documents, for certain improvements at the Mount Feake Cemetery as listed below

- New cemetery drives, circulation, and utilities
- Cemetery plot layout
- Environmental permitting
- Design of landscaped areas at key locations
- Urn niche locations
- Landscape enhancements to include buffering at the maintenance area, new tree and shrub plantings, tree pruning, tree removals, and removal of invasive plant species
- Other miscellaneous site improvements

The scope of work includes survey, permitting, preliminary and final design, development of technical bidding documents, assist with providing answers to posed technical questions, and construction administration as follows:

1. Project Kick-off and Orientation

At the outset of the project a project kick-off and orientation meeting(s) shall be held to discuss and confirm all basic project goals, funding considerations, project timelines and milestones and the scope of the desired improvement program. We will prepare a memorandum that outlines our discussions, agreements and strategies.

2. Topo/Detail Survey and Base Plan Development

In order to comply with Waltham Engineering and Conservation Commission requirements, a complete topographic detail survey and base plan for the proposed expansion area shall be prepared by the designer. An allowance for the survey has been included in the price sheet. Property line information will be added to the plan from available information. The survey information will be used in the development of all final construction plans, which may need to be reviewed and approved by the City's Engineering Staff prior to implementing project improvements.

Perform a topographic/detail survey of the entire project area. The survey will include greater detail within the areas to be improved and lesser detail within areas that will remain in their current condition. The survey will include utility research and compilation.

All survey information will be generated in AutoCAD format and include development of base plans suitable for use in the preparation of Contract Documents.

We do not anticipate needing property line information for this project. Property line survey will not be performed as part of this survey effort. In order to comply with requirements associated with the filing of various environmental permits, property lines will be indicated on the plans from existing available information.

3. Preliminary Design (at 50% completion and 90% Completion)

Preliminary plans and estimates shall be developed and submitted on at least two occasions (at 50% completion and 90% Completion) for review and approval. Plans will identify the full scope of desired improvements and include construction cost estimates. Upon the conclusion of this phase the scope and design of all improvements will be primarily fixed and the preparation of final contract documents will commence. During this phase the Consulting Firm will be responsible for presenting the plans to boards, commissions and/or the general public as required. We anticipate up to two meetings in this regard. The Consulting Firm will also meet with Engineering and Public Works staff to determine the scope of all utility related work and all project permitting and review requirements. Since work will occur within close proximity to the Charles River a Notice of Intent package will need to be filed with the Waltham Conservation Commission and the Massachusetts DEP. A 21 E Environmental Evaluation may also be required to confirm viability of subsurface conditions for future burials. In order to design and permit the project it will be necessary to confirm soil conditions in the project area. The Consulting Firm will provide on-site oversight of site test pits and prepare a technical soils report that summarizes all findings. Site test pits will be excavated with City equipment and forces.

4. Notice of Intent (NOI)

A Notice of Intent shall be filed with the Waltham Conservation Commission pursuant to the Massachusetts Wetlands Protection Act. The Notice of Intent will include an assessment of the project in relation to the interests of the Act and the By-law. As part of the filing the Consulting firm shall delineate the wetlands and riverfront area at the project site and prepare all associated field work sheets and narratives. The delineation will encompass the expected work areas located within the cemetery. The filing shall include all relevant analysis, plans, details and specifications, including storm water management design and supporting information.

Under this phase of work all coordination with the Conservation Commission including attending all meetings related to the Notice of Intent filing shall be provided. Site test pits will be excavated with City equipment and forces.

5. Final Designs | Construction Documents | Permits

Upon receipt of preliminary design approvals, contract documents (including plans, details, specifications, and estimates) will be prepared. These final documents will be submitted for the review by City representatives and will be revised as necessary prior to bidding. The Consulting firm will assist in the compilation of the front end or "Boiler Plate" specifications as supplied by the Purchasing Agent in the appropriate city format.

The Consulting Firm will also be responsible for obtaining all final sign-offs from City Engineering staff for drainage improvements and related utility system upgrades.

6. Printing of Contract Documents and Bid Assistance

Under this item the Consulting Firm will coordinate the printing of contract documents (plans and specification books) and furnish digital files of the plans and specifications to the Purchasing Department at City Hall. The designer shall produce 4 printed copies of the drawings.

Under this phase the Consulting Firm shall be available to attend a Pre-Bid Conference and to answer the inquiries of prospective bidders during the bid period. Upon the receipt of bids, The Consulting Firm will review all documents and make a recommendation of acceptance to the City.

7. Construction Administration

Construction Administration will include a pre-construction meeting, processing of pay requisitions and shop drawing reviews and approvals. Field work inspection and approval shall be done no less that once per week. The designer shall chair all weekly construction meetings.

8. Design Completion schedule.

The designer shall complete its design work in no more than **75 days** from the date of the Notice-to-Proceed (NTP)

9. Designer Selection

The designer selection is based on two mayor factors

- 1) Technical Proposal (50%)
- 2) Price proposal (50%) place price proposal in a separate sealed envelope

9A Technical Proposal Evaluation (50%)

1. MUNICIPAL EXPERIENCE

- (a) The designer has 5 years of experience working with municipal Governments
= **10 point**
- (a) The designer has 6 to 10 years of experience working with municipal Governments
= **15 points**
- (b) The designer has 10+ years of experience working with municipal Governments
= **25 points**

2) CEMETERY EXPERIENCE

- (a) The designer has experience with the design and construction of 2 Municipal Cemeteries
= **10 point**
- (b) The designer has experience with the design and construction of 3 Municipal Cemeteries
= **15 point**
- (c) The designer has experience with the design and construction of 4 Municipal Cemeteries
= **25 point**

10. Sight Visit and Project Briefing Session.

A sight specific meeting and project briefing session will be held on site at the Mount Feake Cemetery, 203 Prospect Street, Waltham 02453 **THURSDAY OCTOBER 9, 2014 AT 10:00 AM**

Compliance

(Required Documents.)

Compliance

The compliance documents in this section must be completed, signed and returned **with your bid package**.

Purchasing Department

City of Waltham
610 Main Street
Waltham, MA 02452

Failure to submit the completed documents will cause the disqualification of the proposal.

Section Index

Check when Complete

- Non-collusion form and Tax Compliance form..... _____
- Corporation Identification Form..... _____
- Certificate of Vote Authorization..... _____
- Certificate of Insurance (showing all limits of WC &GL)..... _____
- Three (3) References..... _____
- Debarment Certificate _____

Your Company's Name: _____

Service or Product Bid _____

NOTE: Failure to submit any of the required documents, in this or in other sections, with your bid response package may cause the disqualification of your proposal.

NON-COLLUSION FORM AND TAX COMPLIANCE FORM

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. The undersigned certifies that no representations made by any City officials, employees, entity, or group of individuals other than the Purchasing Agent of the City of Waltham was relied upon in the making of this bid

_____, _____
(Signature of person signing bid or proposal) Date

(Name of business)

TAX COMPLIANCE CERTIFICATION

Pursuant to M.G.L. c. 62C, & 49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

_____, _____
Signature of person submitting bid or proposal Date

Name of business

NOTE

Failure to submit any of the required documents, in this or in other sections, with your bid response package may cause the disqualification of your proposal.

CERTIFICATE OF VOTE OF AUTHORIZATION

Date:

I _____, Clerk of _____ hereby certify that at a meeting of the Board of Directors of said Corporation duly held on the _____ day of _____ at which time a quorum was present and voting throughout, the following vote was duly passed and is now in full force and effect:

VOTED: That _____ (*name*) is hereby authorized, directed and empowered for the name and on behalf of this Corporation to sign, seal with the corporate seal, execute, acknowledge and deliver all contracts and other obligations of this Corporation; the execution of any such contract to be valid and binding upon this Corporation for all purposes, and that this vote shall remain in full force and effect unless and until the same has been altered, amended or revoked by a subsequent vote of such directors and a certificate of such later vote attested by the Clerk of this Corporation.

I further certify that _____ is duly elected/appointed _____ of said corporation

SIGNED:

(Corporate Seal)

Clerk of the Corporation:

Print Name: _____

COMMONWEALTH OF MASSACHUSETTS

County of _____

Date:

Then personally appeared the above named and acknowledged the foregoing instrument to be their free act and deed before me, _____

Notary Public;

My Commission expires: _____

CORPORATION IDENTIFICATION

The bidder for the information of the Awarding Authority furnishes the following information.

If a Corporation:

Incorporated in what state _____

President _____

Treasurer _____

Secretary _____

Federal ID Number _____

If a foreign (out of State) Corporation – Are you registered to do business in Massachusetts?

Yes _____, No _____

If you are selected for this work you are required under M.G.L.ch. 30S, 39L to obtain from the Secretary of State, Foreign Corp. Section, State House, Boston, a certificate stating that you Corporation is registered, and furnish said certificate to the Awarding Authority prior to the award.

If a Partnership: (Name all partners)

Name of partner _____

Residence _____

Name of partner _____

Residence _____

If an Individual:

Name _____

Residence _____

If an Individual doing business under a firm's name:

Name of Firm _____

Name of Individual _____

Business Address _____

Residence _____

Date _____

Name of Bidder _____

By _____

Signature _____

Title _____

Business Address _____ (POST OFFICE BOX NUMBER NOT ACCEPTABLE)

City _____ State _____ Telephone Number _____ Today's Date _____

PROVIDE THREE (3) SERVICE APPROPRIATE REFERENCES

1. Company Name:

Address:

Contact Name:

Phone #

Type of service/product provided to this Company:

Dollar value of service provided to this Company:

2. Company Name:

Address:

Contact Name:

Phone #

Type of service/product provided to this Company:

Dollar value of service provided to this Company:

3. Company Name:

Address:

Contact Name:

Phone #

Type of service/product provided to this Company:

Dollar value of service provided to this Company:

NOTE

Failure to submit any of the required documents, in this or in other sections, with your bid response package will be cause for the disqualification of your company.

DEBARMENT CERTIFICATION

In connection with this bid and all procurement transactions, by signature thereon, the respondent certifies that neither the company nor its principals are suspended, debarred, proposed for debarment, declared ineligible, or voluntarily excluded from the award of contracts, procurement or non procurement programs from the Commonwealth of Massachusetts, the US Federal Government and /or the City of Waltham. "Principals" means officers, directors, owners, partners and persons having primary interest, management or supervisory responsibilities with the business entity.

Vendors shall provide immediate written notification to the Purchasing Agent of the City of Waltham at any time during the period of the contract or prior to the contract award if the vendor learns of any changed condition with regards to the debarment of the company or its officers. This certification is a material representation of fact upon which reliance will be placed when making the business award. If at any time it is determined that the vendor knowingly misrepresented this certification, in addition to other legal remedies available to the city of Waltham, the contract will be cancelled and the award revoked.

Company Name _____

Address _____

City _____, State _____, Zip Code _____

Phone Number (____) _____

E-Mail Address _____

Signed by Authorized Company Representative:

Print name _____,

Date _____

BID PRICE FORM

(Follows)

BID PRICE FORM

(Include this page in a separate sealed envelope)

My Company proposes the following all inclusive price to provide the services described within this bid document.

Allowance for the survey UPDATE of the entire Cemetery..... \$ 4,000.00

All inclusive Designer Fee.....\$ _____

Total.....\$ _____

My company recognizes receipt of addenda # _____.

Company Name: _____

Authorized Signature: _____

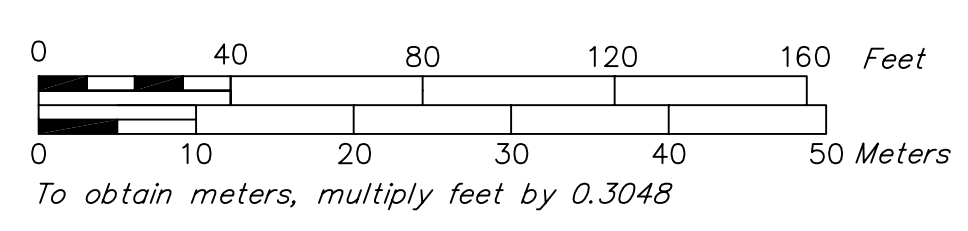
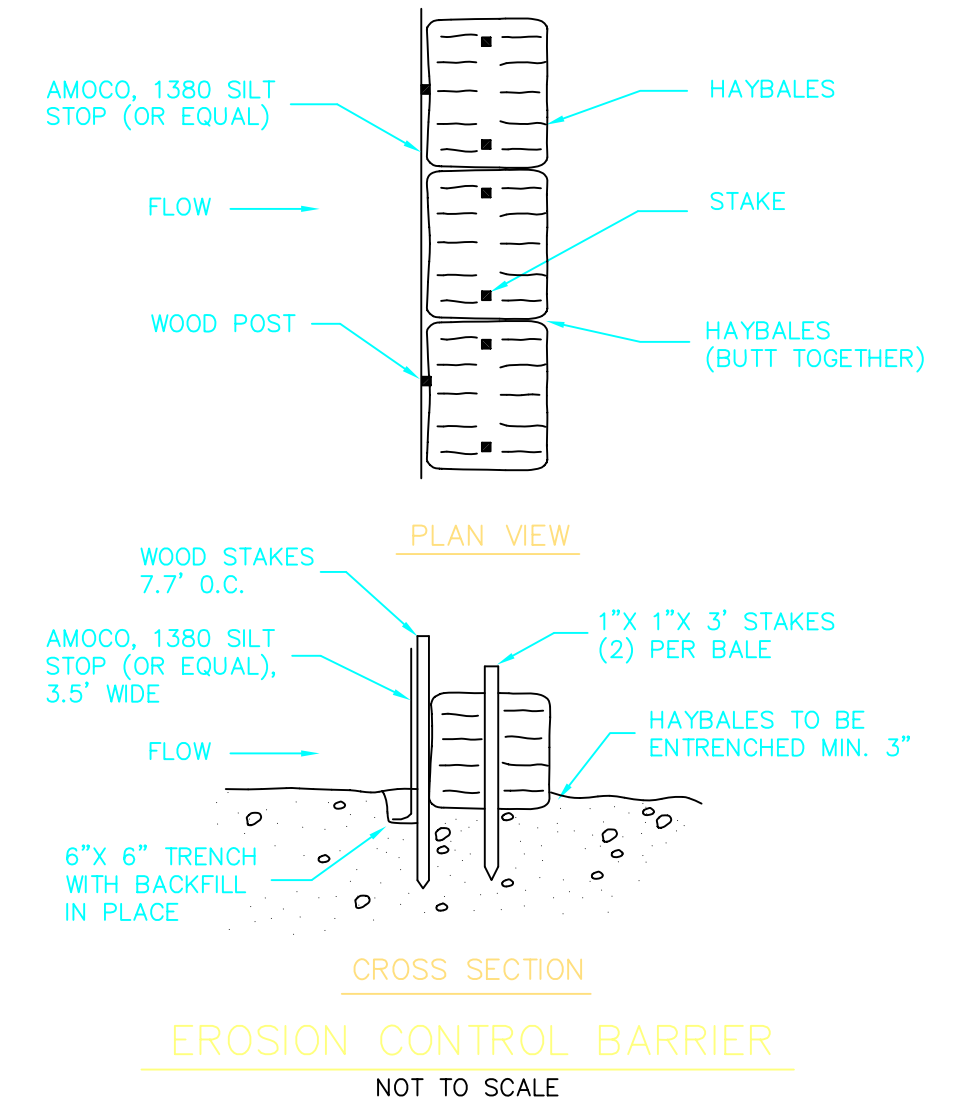
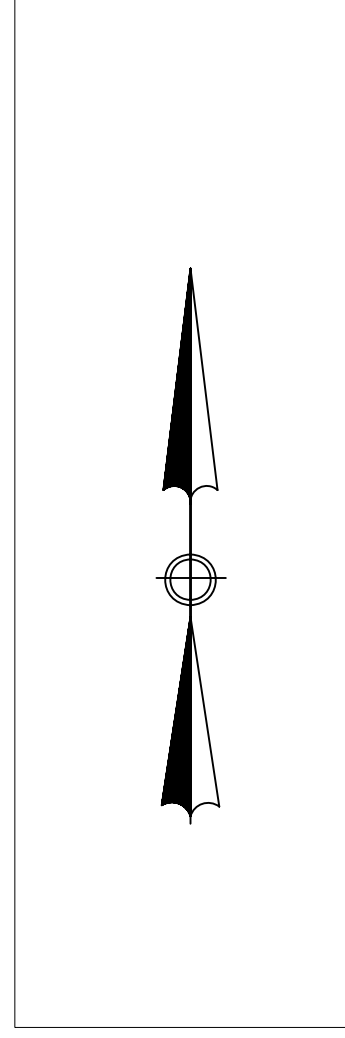
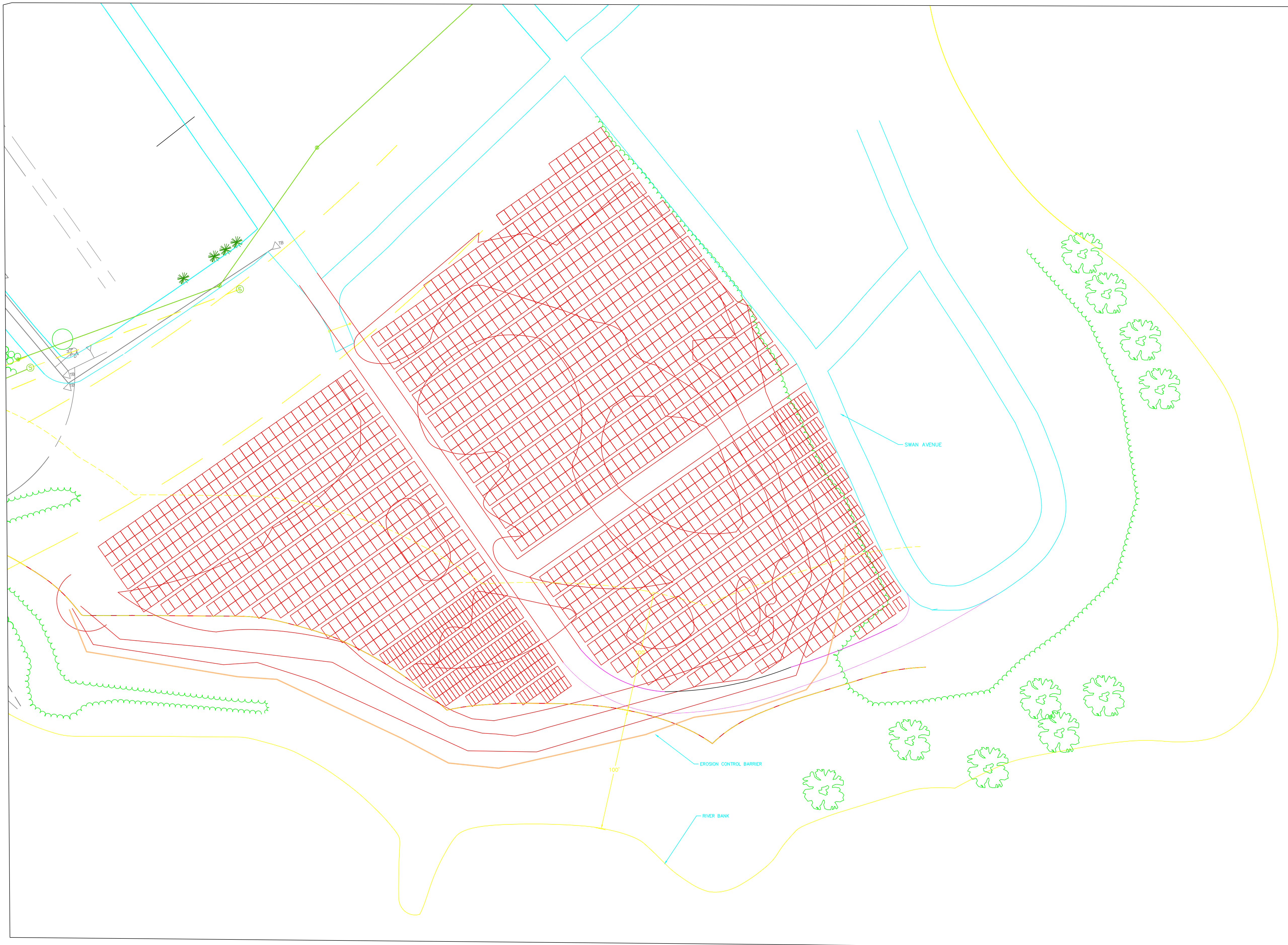
Print Name: _____

E-Mail Address: _____

Date: _____

Survey

The Zip File with all of the available land surveys can be found on line at WWW.city.waltham.ma.us/open-bids The surveys are too large to attach to this document



WORKING PLAN

PLAN SHOWING LOCATION OF
BRUSH DUMP AT
MOUNT FEAKE CEMETERY
NEAR
SAWYER ROAD
WALTHAM, MASS.
SCALE: 1 INCH = 40 FEET
NOVEMBER, 2003
JOHN M. BRADLEY, P. E., CITY ENGINEER

Plan of Land
Proposed to be taken by the
TOWN OF WALTHAM

Owned by
Estate of Amasa Harrington,

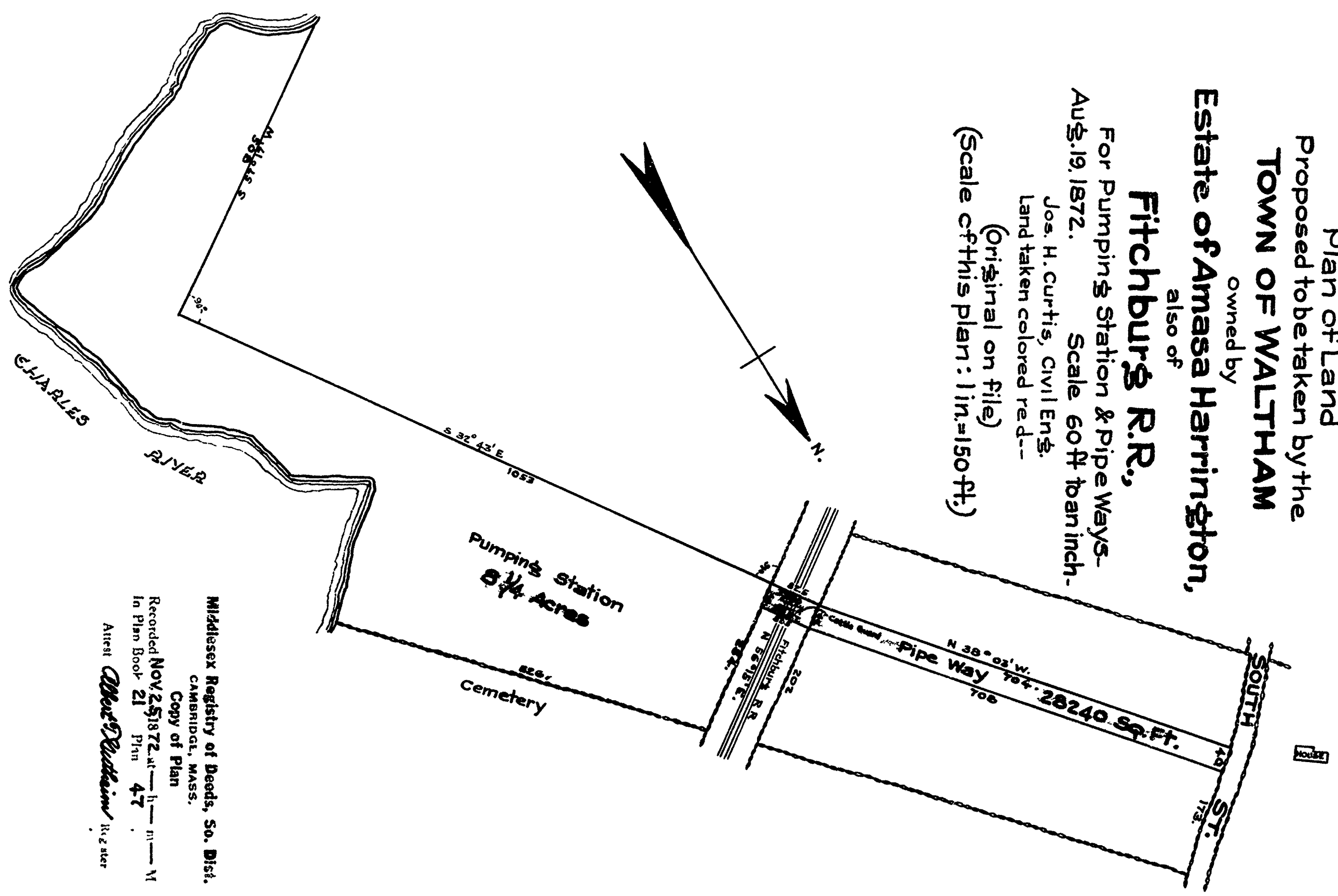
also of
Fitchburg R.R.,

For Pumping Station & Pipe Ways-
Aug. 19, 1872. Scale 60 ft to an inch-

Jos. H. Curtis, Civil Eng.
Land taken colored red--

(Original on file)

(Scale of this plan: 1 in.=150 ft.)



Middlesex Registry of Deeds, So. Dist.
CAMBRIDGE, MASS.
Copy of Plan
Recorded Nov 25 1872. at 11—m—M
In Plan Book 21 Plan 47
Attest *Alfred Waltham* Reg. Secy

WALTHAM WATER WORKS.

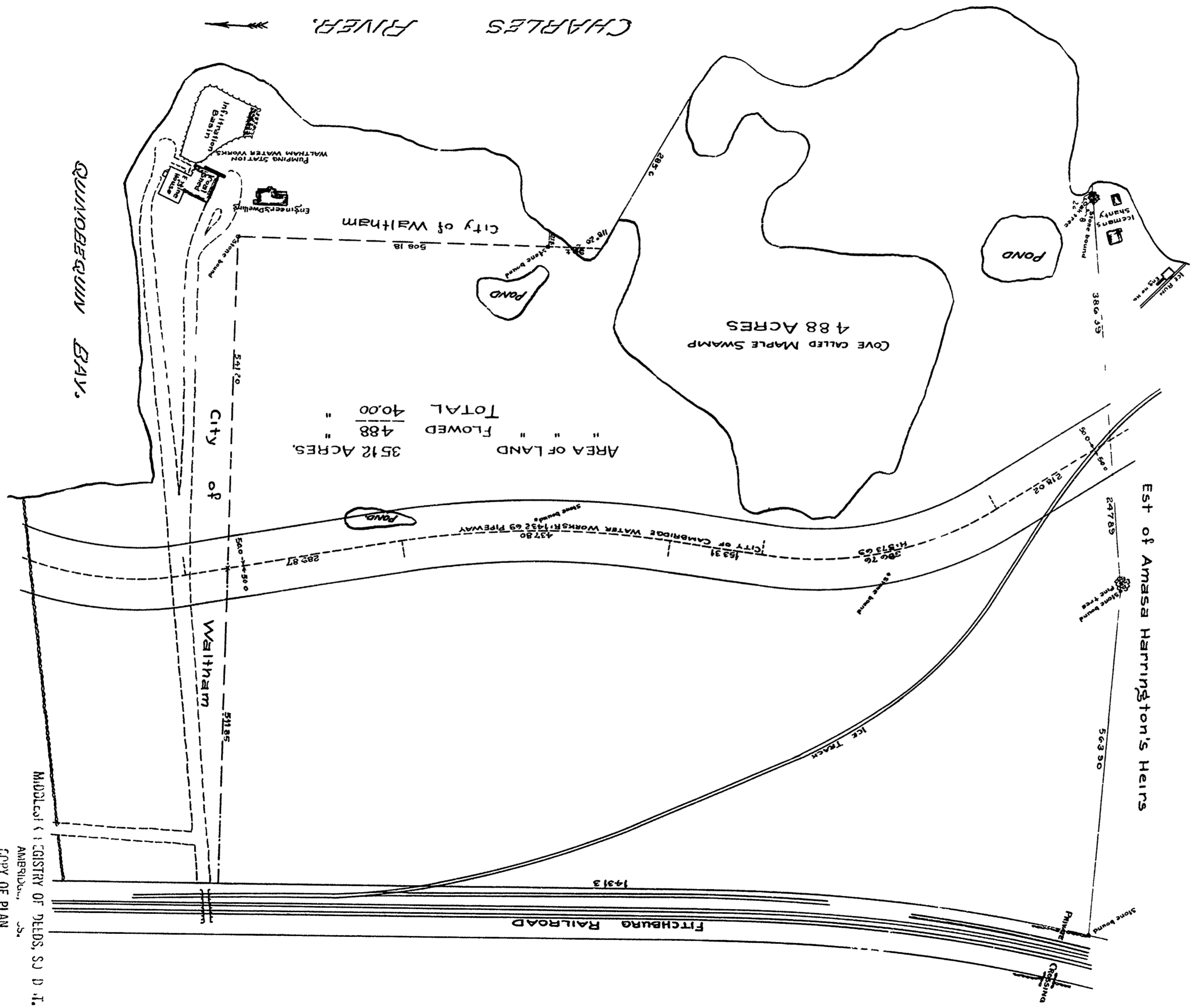
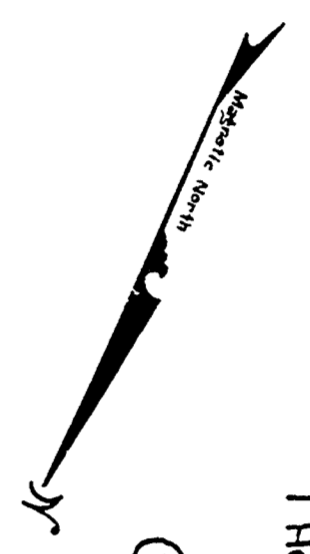
Showing

Land proposed to be taken, West of Pumping Station.

For Extension, and Preservation of Purity of Supply
Dec. 1885. Scale 1 in: 60 ft.

T. Howard Barnes, Civil Engineer,
Waltham, Mass

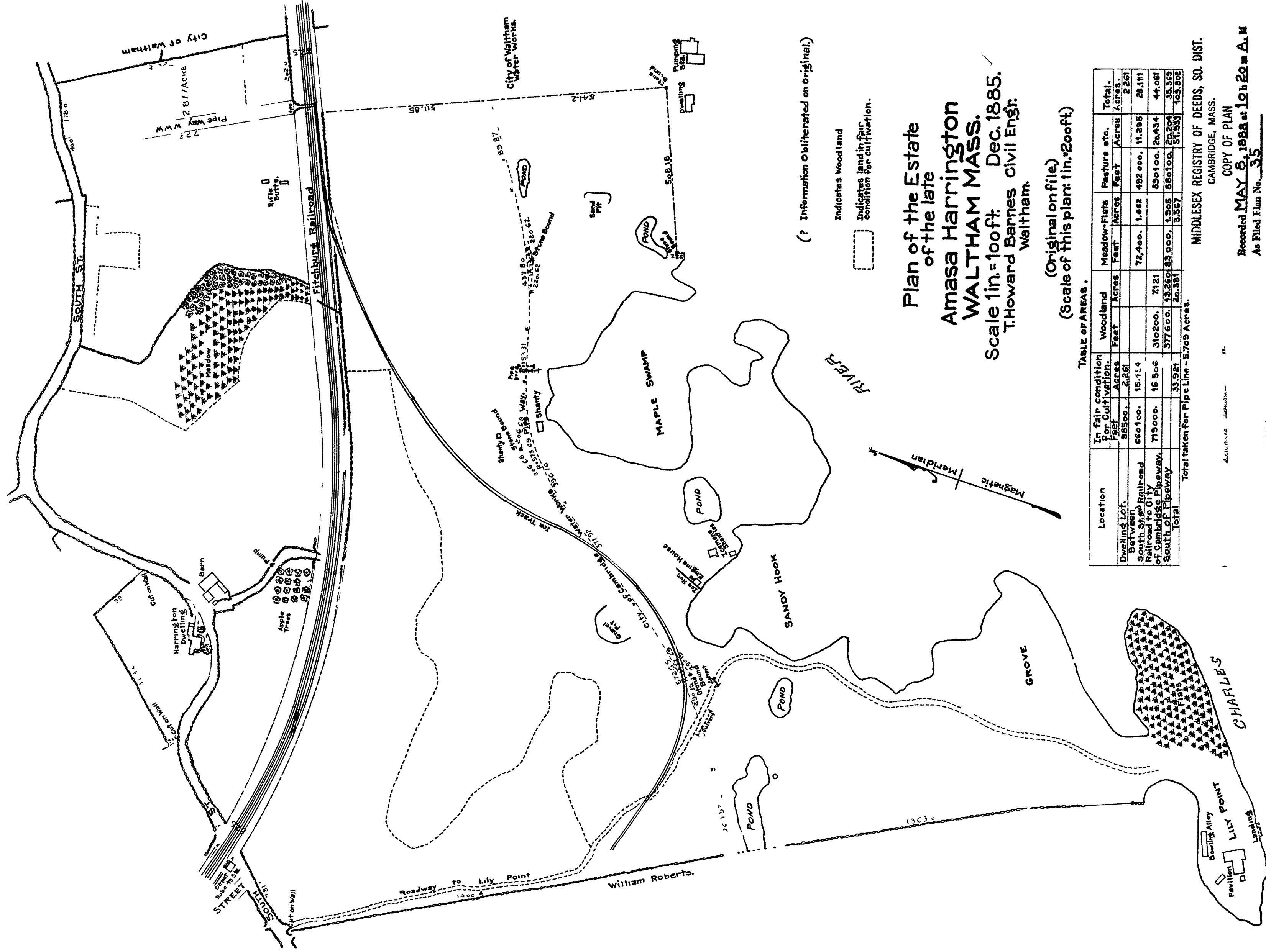
(Original on file)
(Scale of this plan 1 in: 120 ft)



RECORDED IN THE REGISTER OF DEEDS, S. D. T.
AMBRIDGE, MS.
COPY OF PLAN
Recorded Feb. 21, 1887 at 11:30 a.m.
As per Plan No. 33

Attest

 T. Howard Barnes, Engineer



(? Information Obliterated on original.)

Indicates Woodland
 Indicates land in fair condition for cultivation.

Plan of the Estate of the late
Amasa Harrington
WALTHAM MASS.
 Scale 1 in. = 100 ft. Dec. 1885.
 T. Howard Barnes Civil Engr.
 Waltham.

(Original on file)
 (Scale of this plan: 1 in. = 200 ft.)

TABLE OF AREAS.

Location	In fair condition for Cultivation.		Woodland		Meadow-Fields		Pasture etc.		Total.
	Sq. Feet	Acres	Sq. Feet	Acres	Sq. Feet	Acres	Sq. Feet	Acres	
Dwelling Lot.	98500.	2.261							2.261
Between South St. & Railroad	660100.	15.114			72,400.	1.662	492,000.	11,295	28,111
Railroad to City of Cambridge	719000.	16.506	310200.	7.121			890100.	20,434	44,061
South of Pipeway.			577600.	13.260	83,000.	1.905	886100.	20,504	35,369
Total		37.921	26,381	6.087					105,808

Total taken for Pipe Line - 5,709 Acres.

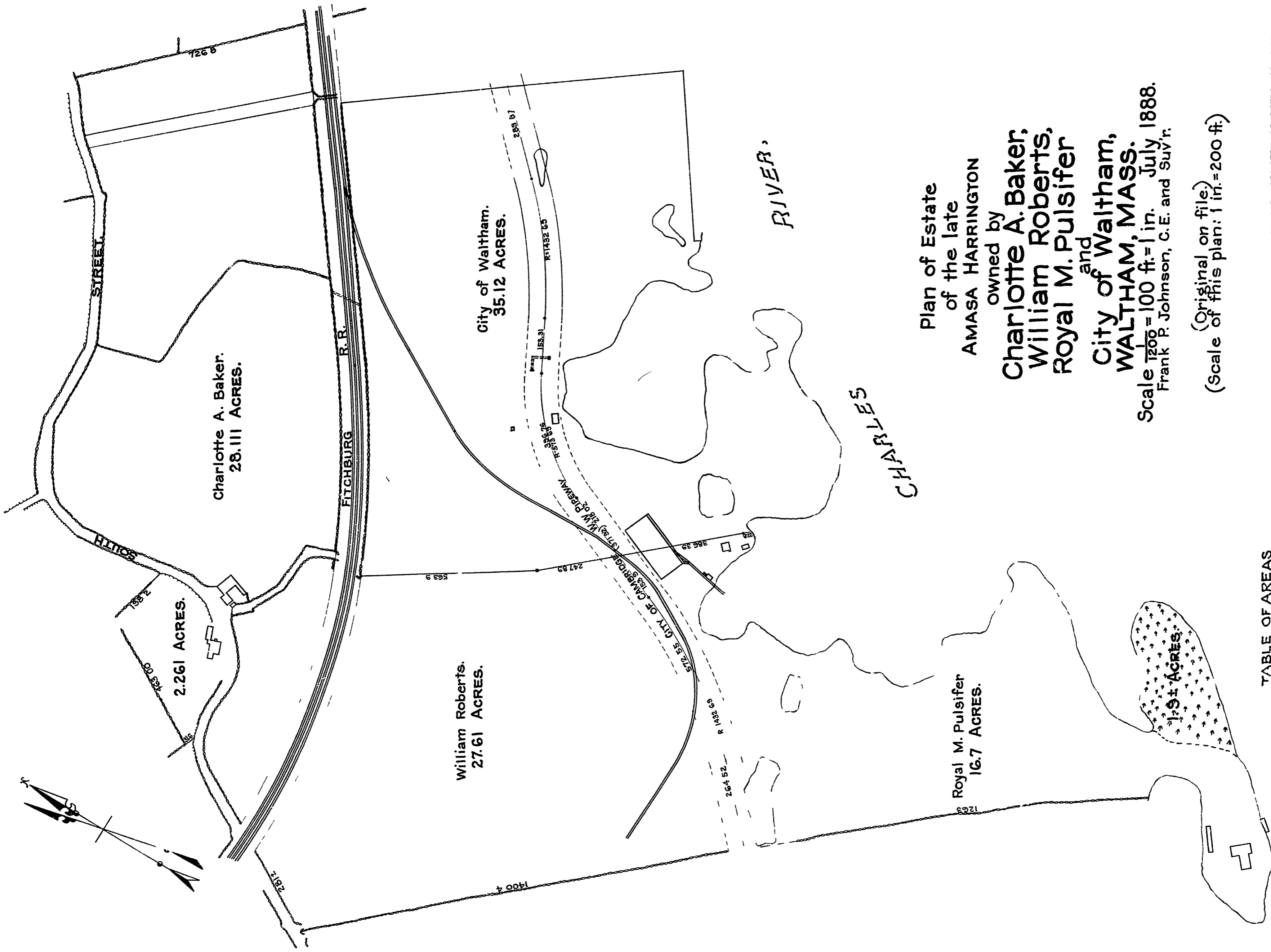
MIDDLESEX REGISTRY OF DEEDS, SO. DIST.
 CAMBRIDGE, MASS.

COPY OF PLAN
 Recorded **MAY 8, 1888** at **10h 20m A.M.**
 As Filed File No. **35**

Attest
Samuel S. Bailey Register



105,269



Plan of Estate
of the late
AMASA HARRINGTON
owned by
Charlotte A. Baker,
William Roberts,
Royal M. Pulsifer
and
City of Waltham,
WALTHAM, MASS.
Scale $\frac{1200}{1} = 100$ ft. = 1 in. July 1888.
Frank P. Johnson, C.E. and Surv'r.

(Original on file.)
(Scale of this plan: 1 in. = 200 ft.)

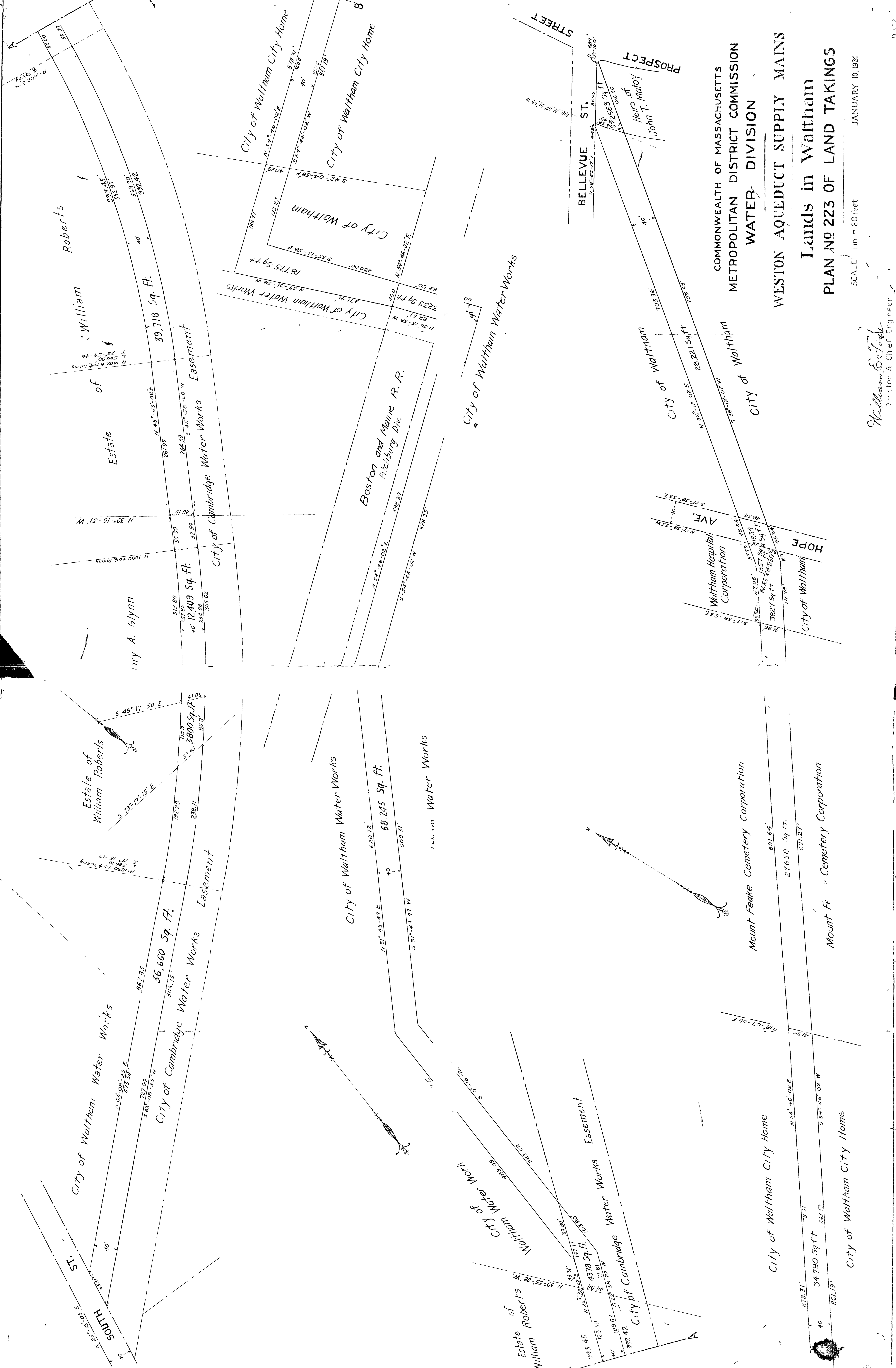
TABLE OF AREAS
Contents Previous to 1886,
Taken for W.W.W. in 1886,
Remaining,
Dwelling House Lot,
Between South St. and F.R.R.
F.R.R. and Centre of C.W.W.Pipeway, 27.61
" " Centre of C.W.W.Pipeway and River, 16.7

109.802 ACRES.	109.802 ACRES.
$\frac{35.12}{74.682}$	"
"	"
2.261	"
28.111	"
27.61	"
16.7	"
74.682	"

MIDDLESEX REGISTRY OF DEEDS, SO. DIST.
CAMBRIDGE, MASS.

COPY OF PLAN
Recorded JUL. 14, 1888 at 2.10 P.M.
in Plan Book 55 Plan 50

Attest *Edmund S. Steadley* Register



COMMONWEALTH OF MASSACHUSETTS
 METROPOLITAN DISTRICT COMMISSION
 WATER DIVISION
 WESTON AQUEDUCT SUPPLY MAINS

Lands in Waltham
 PLAN NO 223 OF LAND TAKINGS

SCALE 1 in = 60 feet
 JANUARY 10, 1924

William E. Fox
 Director & Chief Engineer

BOSTON & MAINE R. R. FITCHBURG DIVISION

RIGHT OF WAY

WATER MAIN

WORKS

ROBERTS TRUNK SEWER

36" Water Main

PIPEWAY

WORKS

36" Water Main

5" Sewer Pipe

PLUMPING STATION

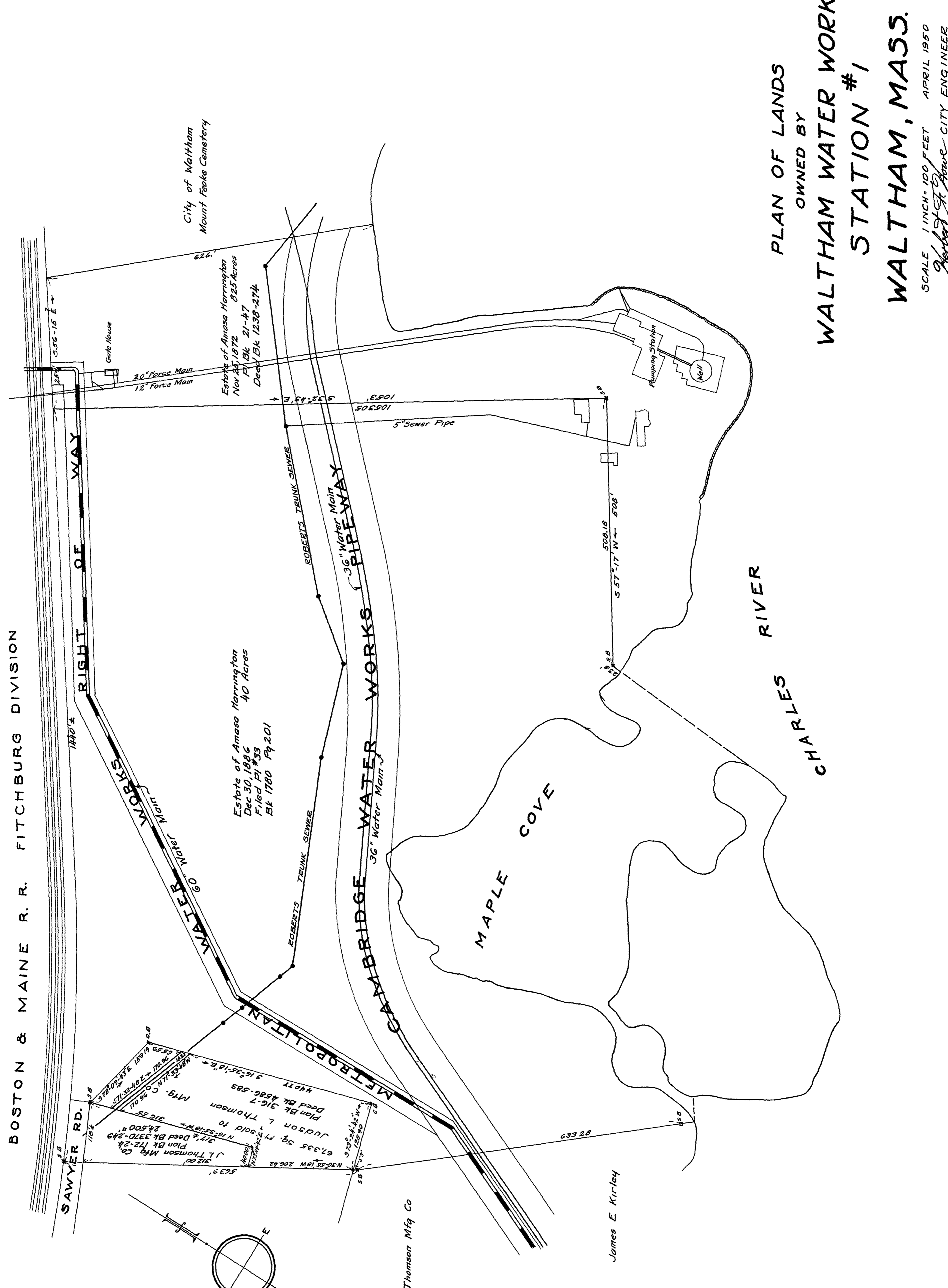
WELL

MAPLE COVE

CHARLES RIVER

Judson L. Thomson Mfg Co

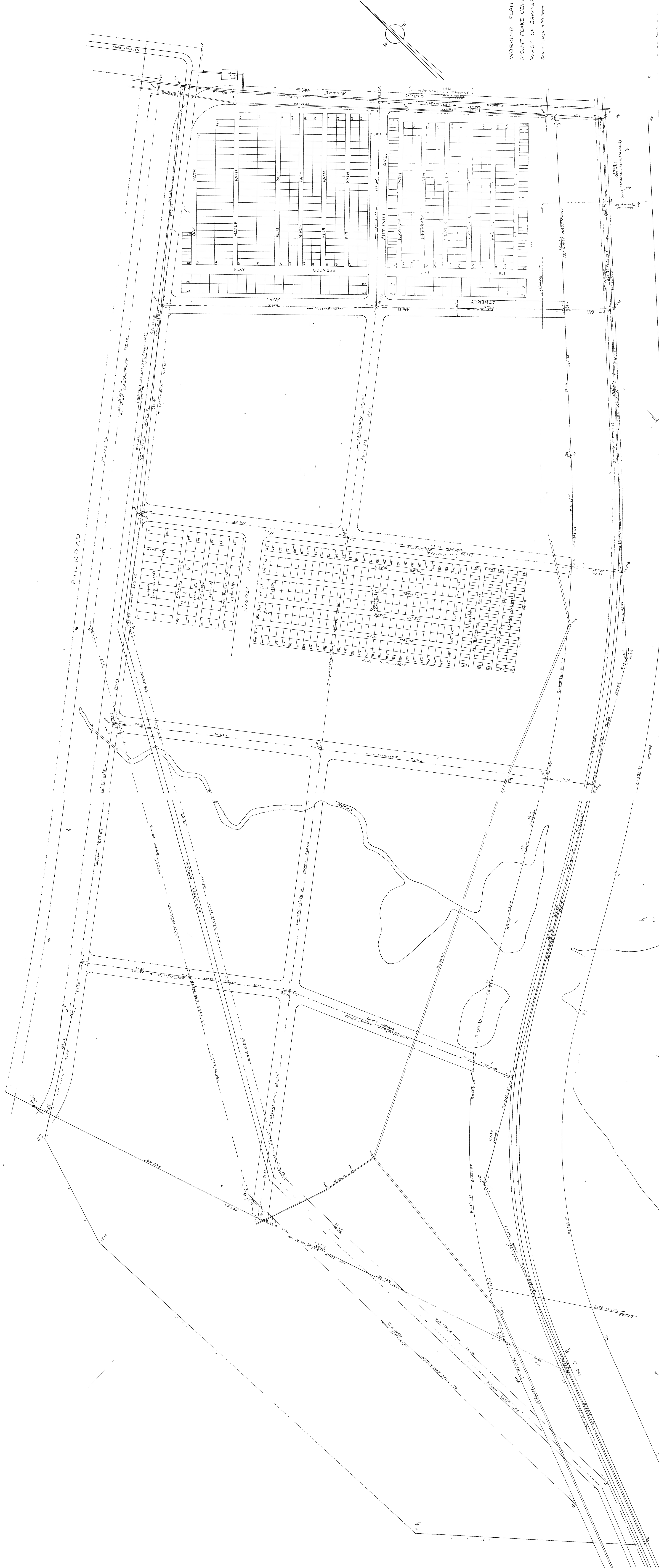
James E. Kirley



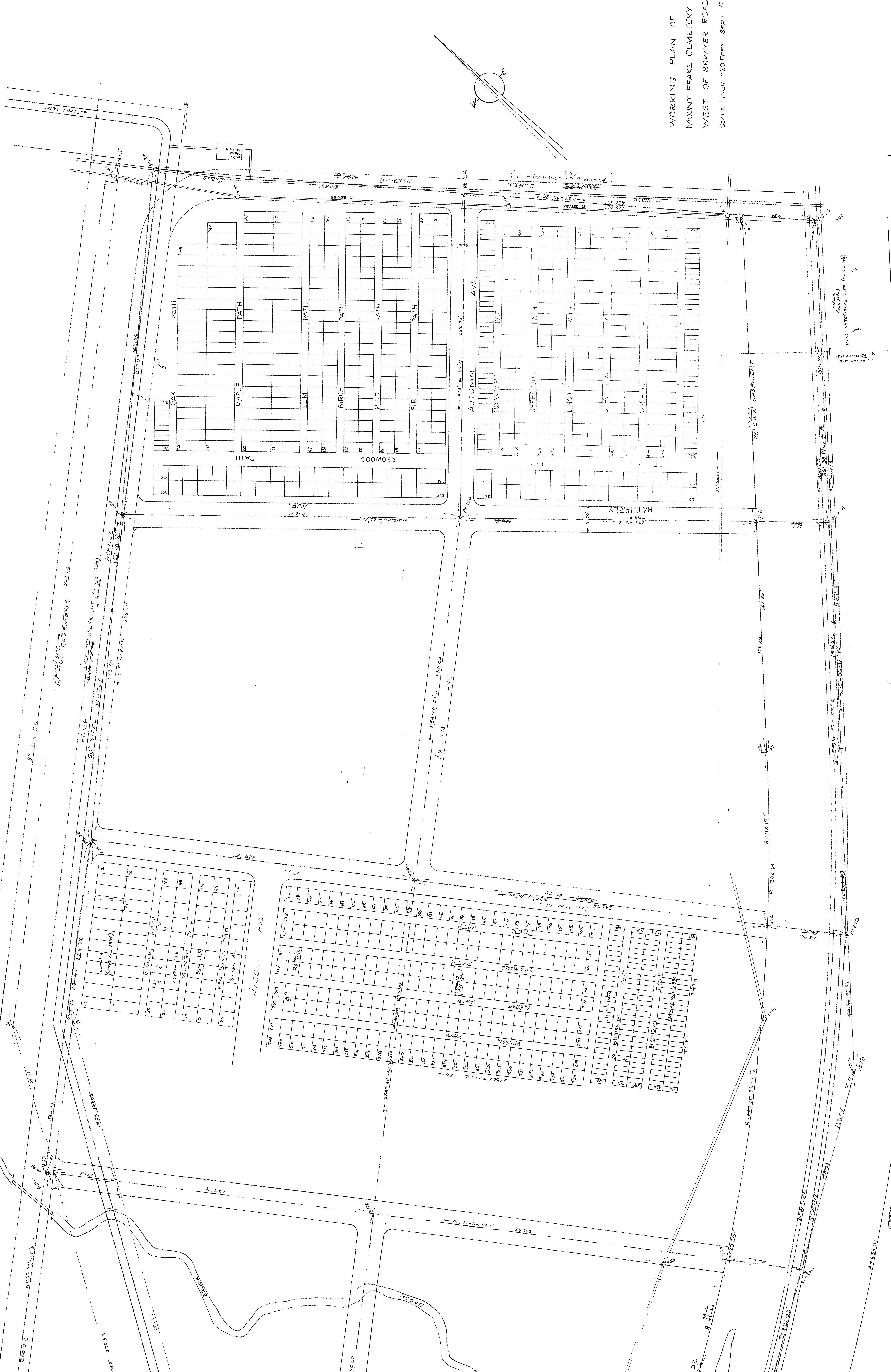
PLAN OF LANDS
 OWNED BY
**WALTHAM WATER WORKS
 STATION #1
 WALTHAM, MASS.**

SCALE 1 INCH = 100 FEET APRIL 1950
Richard St. Howe CITY ENGINEER
 CCO #/6786
 APRIL July 26, 1950

WORKING PLAN OF
MOUNT PEAK CEMETERY
WEST OF BRUYER ROAD
SCALE 1 INCH = 80 FEET SEPT. 1871



RAILROAD



WORKING PLAN OF
MOUNT FEAKE CEMETERY
WEST OF SAWYER ROAD
SCALE 1 INCH = 20 FEET SEPT. 1887

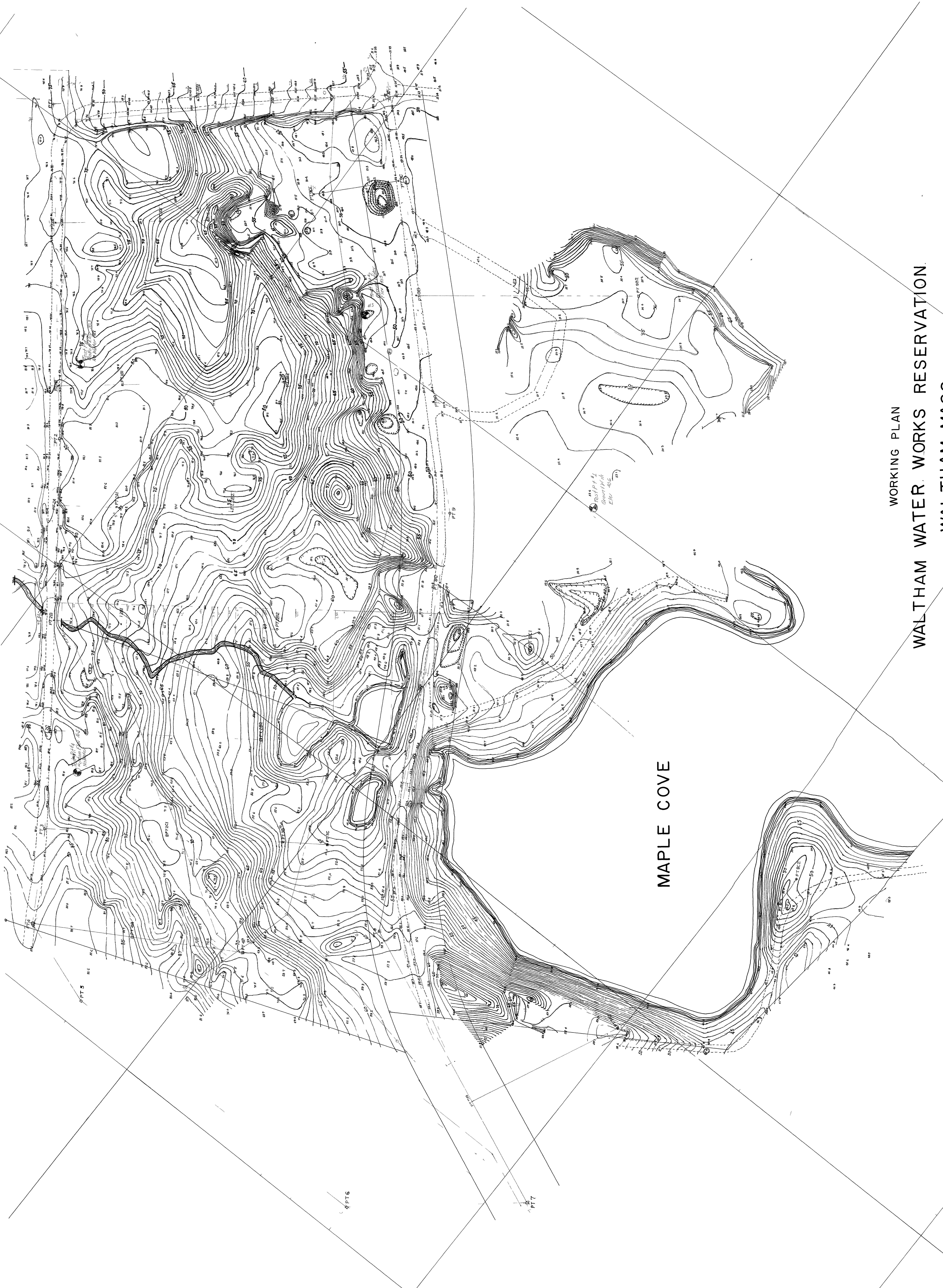
NEW LOTS (ENCLOSURE)

55' 0" 210° 15' 14" 155.62'

84° 34' 03.57" 137.05'

A=452.91





MAPLE COVE

WORKING PLAN
WALTHAM WATER WORKS RESERVATION
WALTHAM, MASS.
SCALE: 1 INCH = 40 FEET MAY, 1971

TOPOGRAPHICAL PLAN OF
WALTHAM WATER WORKS RESERVATION
WALTHAM MASS

CHARLES RIVER

MAPLE COVE



Mount Feake Cemetery

Cambridge Water Works Pipeway
at Comm. 60 Pipe
2 36 Pipes

Old pipe also about #22
New pipe also 45.75

Old pipe also #22
New pipe also #22

Test Pit #1
Elev. 40.2
Ground Water

Test Pit #2
Elev. 41.3
Ground Water

Test Pit #3
Bottom Elev. 76.5
No Meter

Test Pit #4
Bottom Elev. 76.5
No Meter



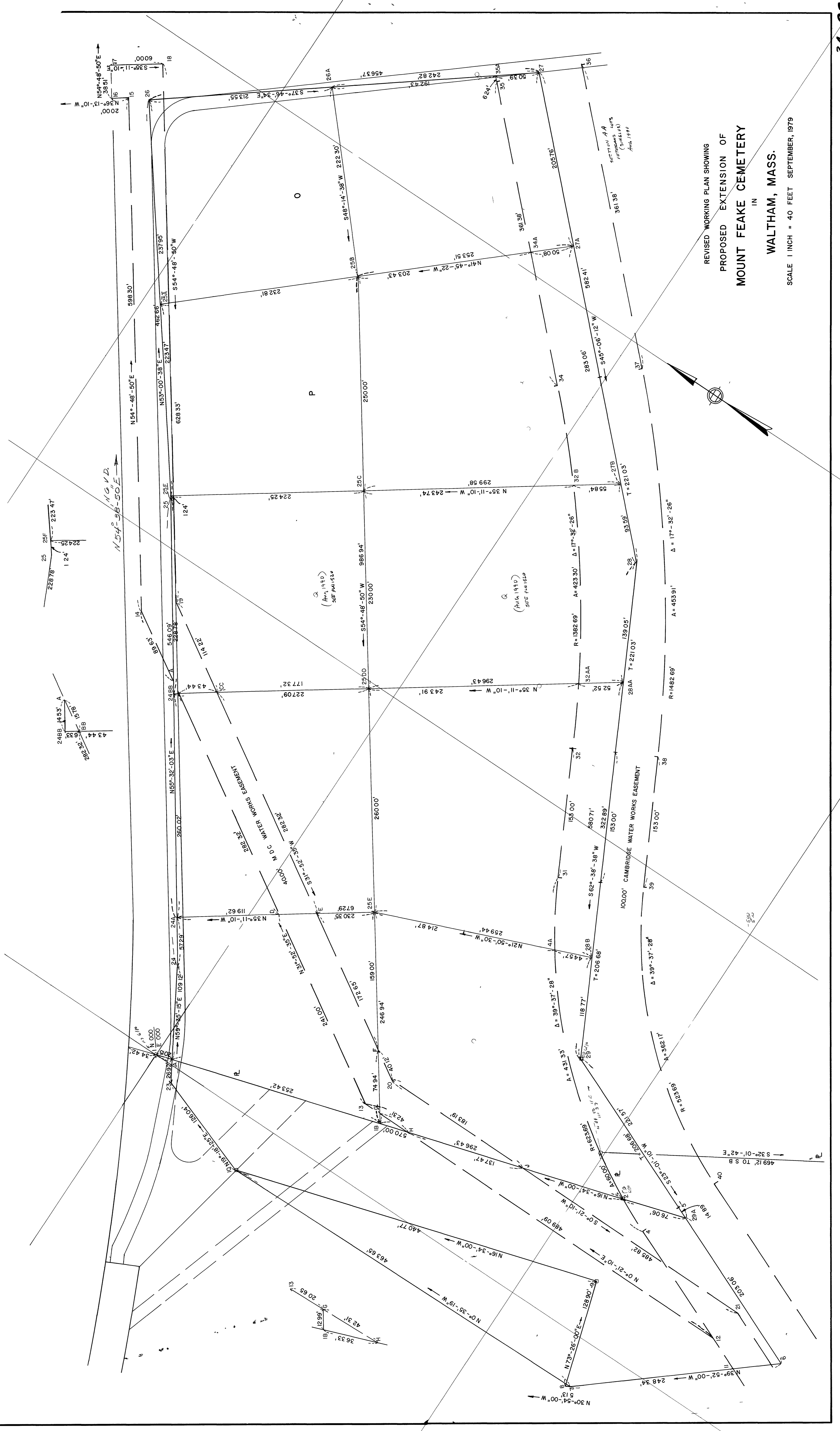
Mount Peble Cemetery

MAPLE COVE

2 3/4"
2"
1 1/2"
1"

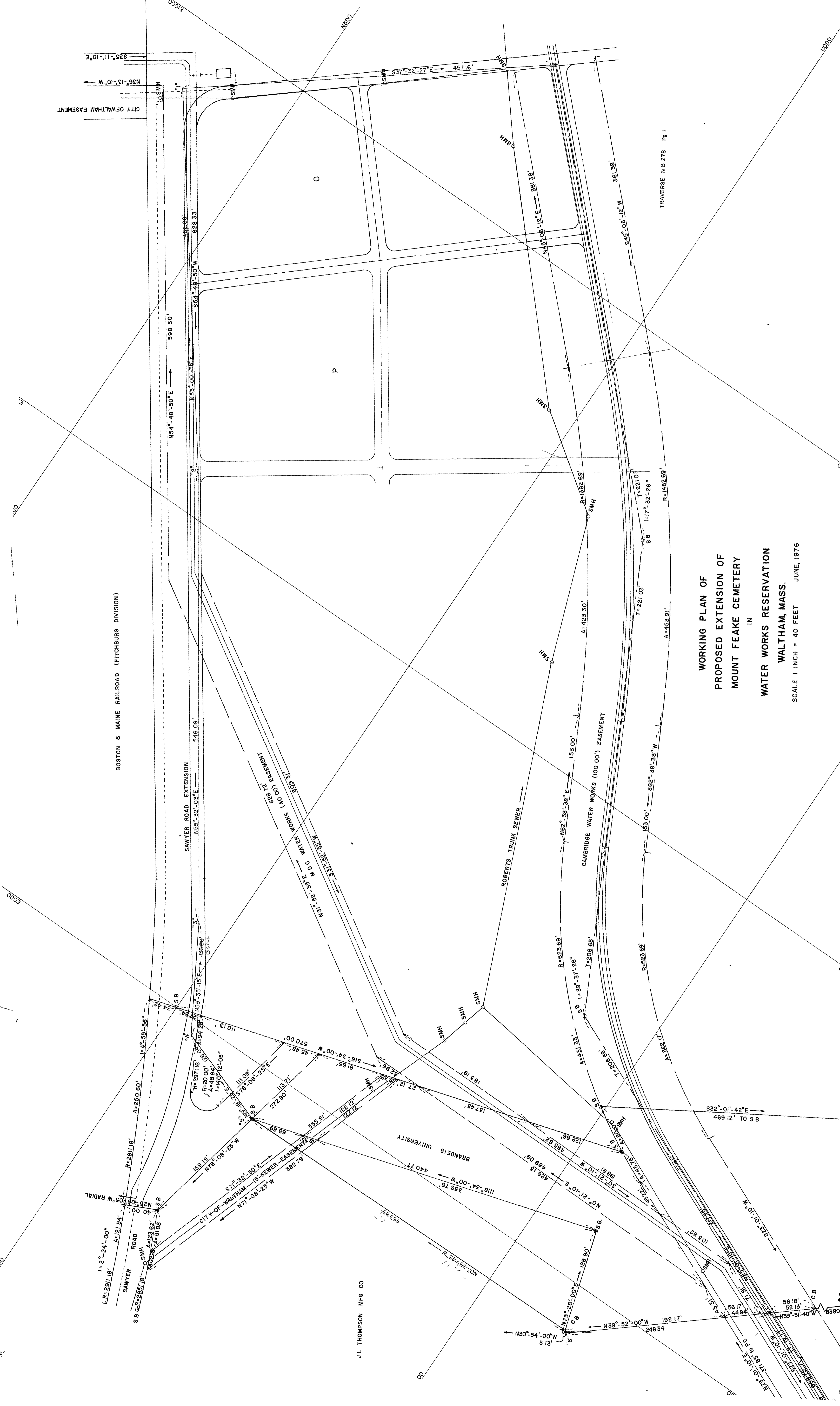
60" pipe
Orange Water Works Pipe
2 3/4" pipe

#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13
#14
#15
#16
#17
#18
#19
#20
#21
#22
#23
#24
#25
#26
#27
#28
#29
#30
#31
#32
#33
#34
#35
#36
#37
#38
#39
#40
#41
#42
#43
#44
#45
#46
#47
#48
#49
#50



REVISED WORKING PLAN SHOWING
 PROPOSED EXTENSION OF
 MOUNT FEAKE CEMETERY
 IN
 WALTHAM, MASS.

SCALE 1 INCH = 40 FEET SEPTEMBER, 1979



BOSTON & MAINE RAILROAD (FITCHBURG DIVISION)

J.L. THOMPSON MFG CO

WORKING PLAN OF
 PROPOSED EXTENSION OF
 MOUNT FEAKE CEMETERY
 IN
 WATER WORKS RESERVATION
 WALTHAM, MASS.

SCALE 1 INCH = 40 FEET
 JUNE, 1976

TRAVERSE N B 278 Pg 1

108.112

PROPOSED EXPANSION OF MOUNT FEAKE CEMETERY

FEBRUARY, 1983

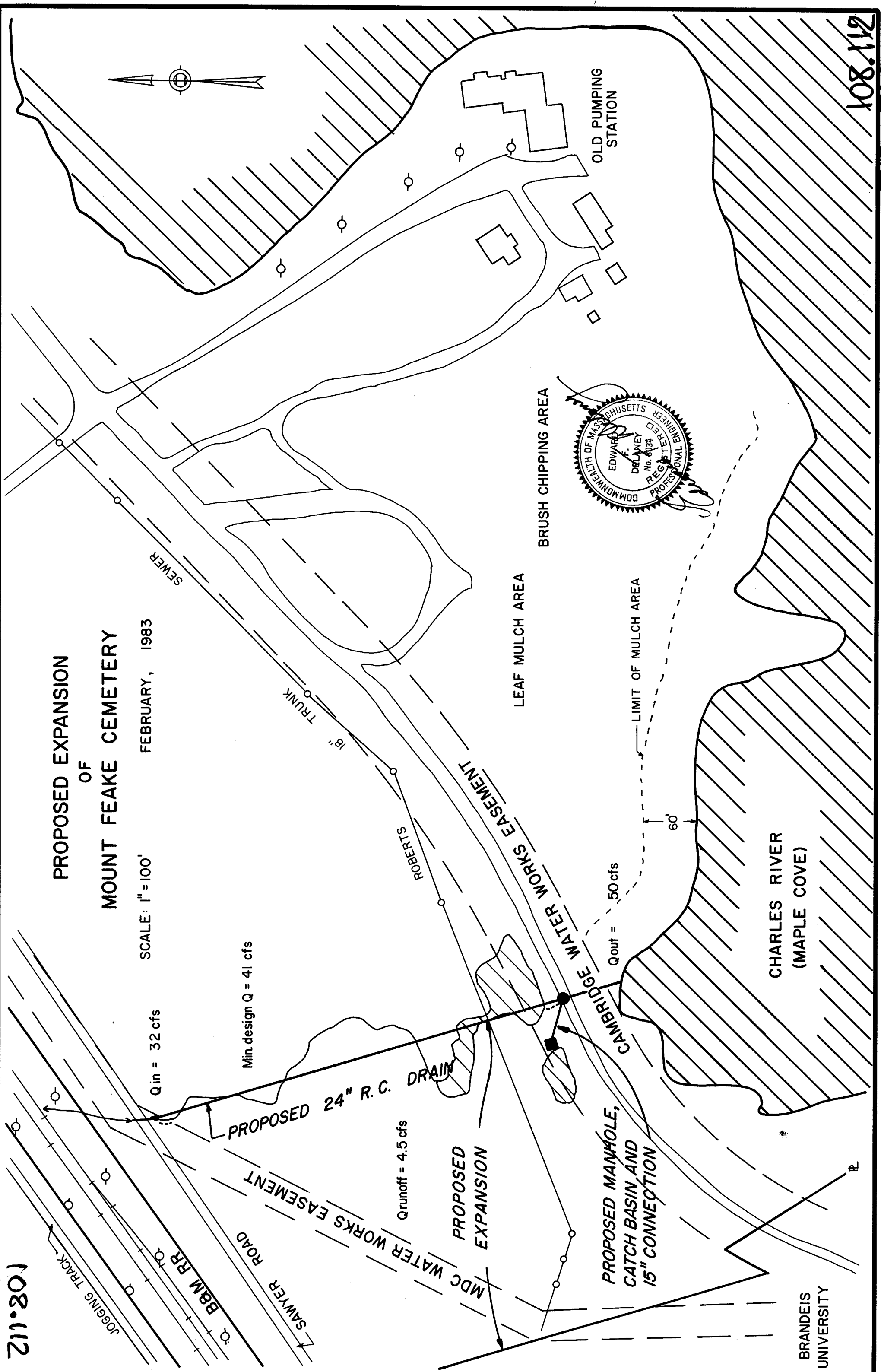
SCALE: 1" = 100'

Q in = 32 cfs

Min. design Q = 41 cfs

Q runoff = 4.5 cfs

Q out = 50 cfs



BRANDEIS
UNIVERSITY

CHARLES RIVER
(MAPLE COVE)

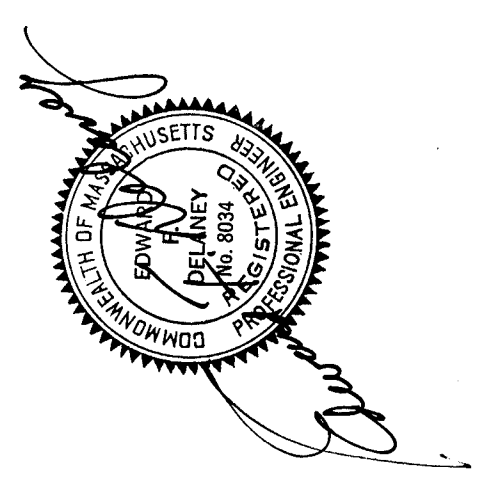
PROFESSIONAL ENGINEER
EDWARD F. DELANEY
No. 6033
REG. STATE OF MASSACHUSETTS

108.112

108.112

CONTOUR PLAN OF PROPOSED EXPANSION
OF
MOUNT FEAKE CEMETERY

MARCH, 1983
SCALE: 1 INCH = 100'

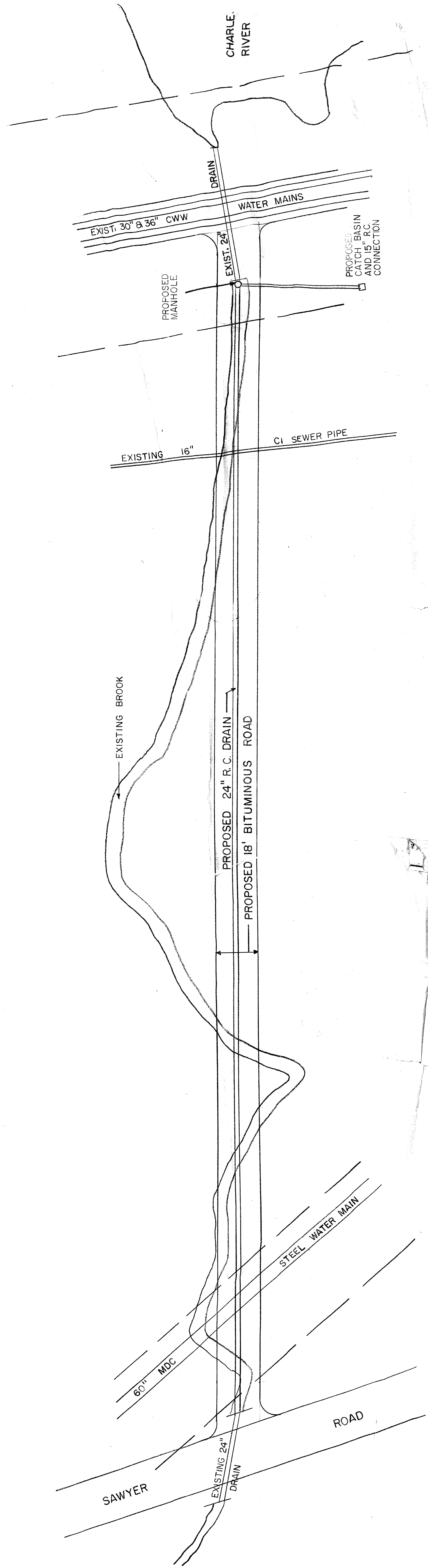
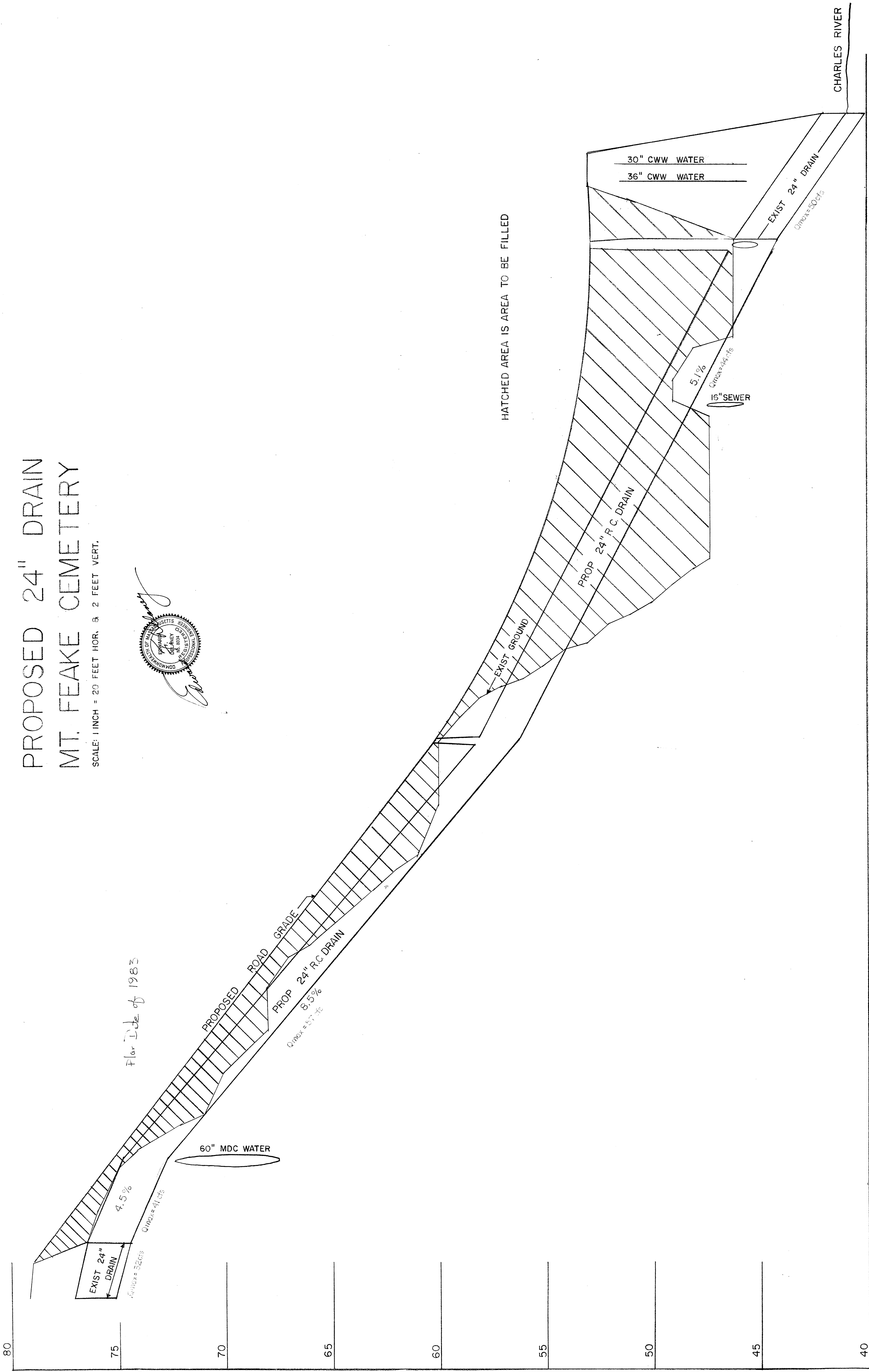
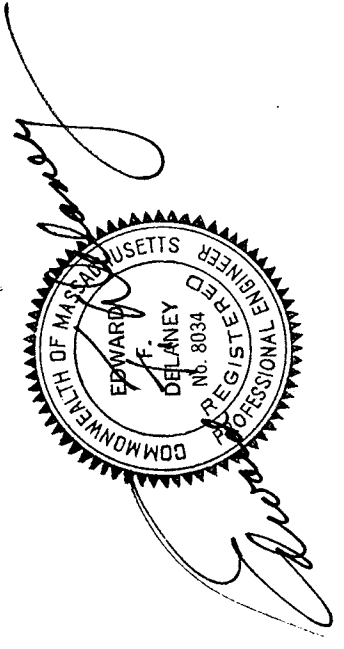


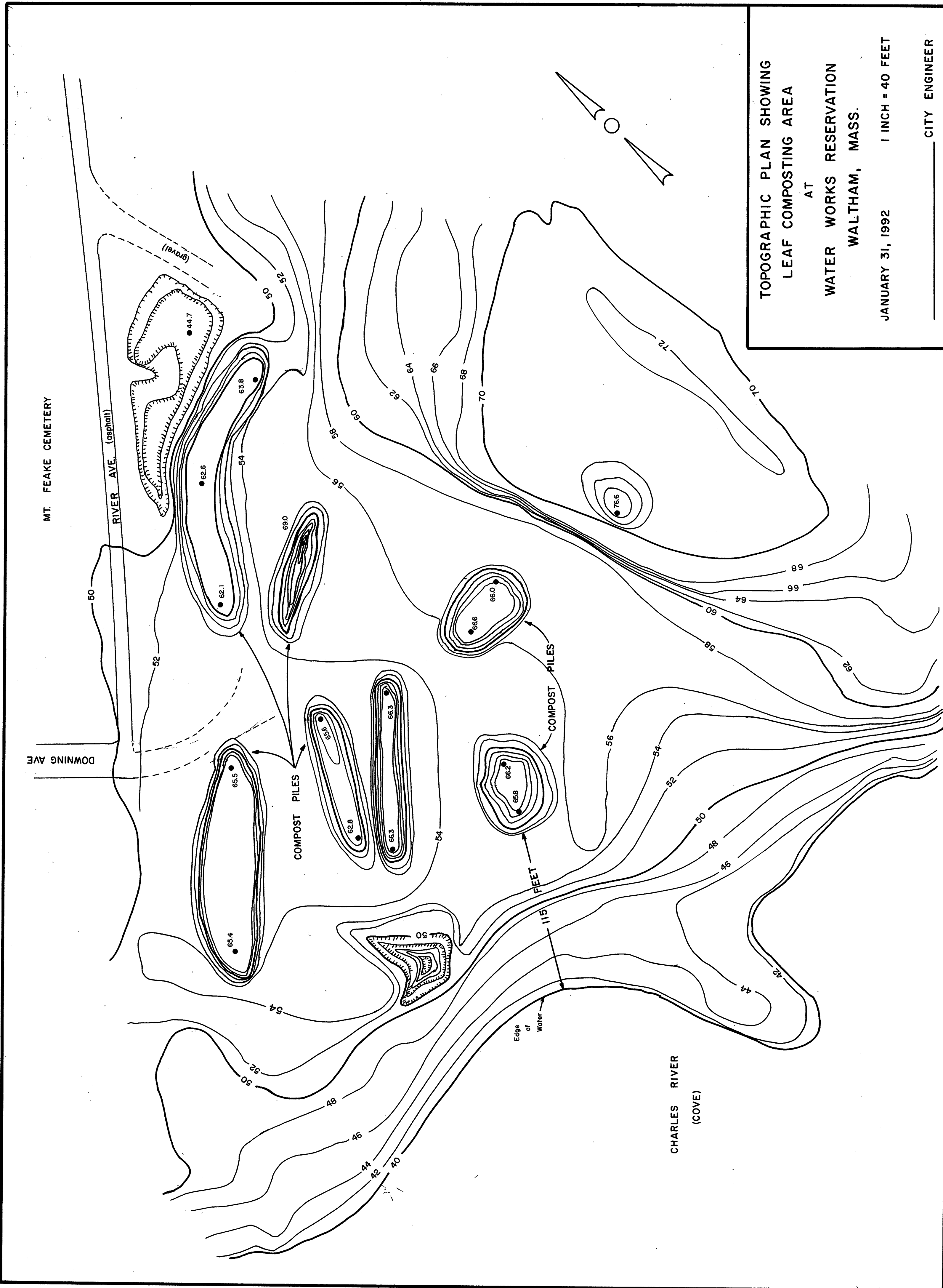
108.112

PROPOSED 24" DRAIN MT. FEAKE CEMETERY

SCALE: 1 INCH = 20 FEET HOR. & 2 FEET VERT.

Plan Date of 1983


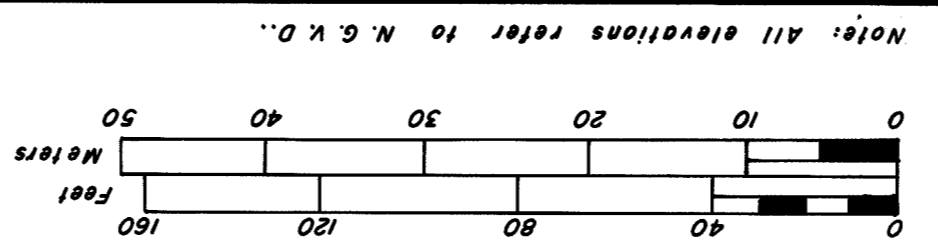




TOPOGRAPHIC PLAN SHOWING
 LEAF COMPOSTING AREA
 AT
 WATER WORKS RESERVATION
 WALTHAM, MASS.
 JANUARY 31, 1992 1 INCH = 40 FEET
 _____ CITY ENGINEER

PLAN SHOWING PROPOSED EXPANSION OF MOUNT FEAKE CEMETERY AT QUINOBEQUIN BAY ON THE CHARLES RIVER

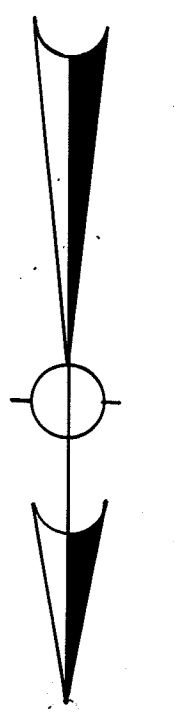
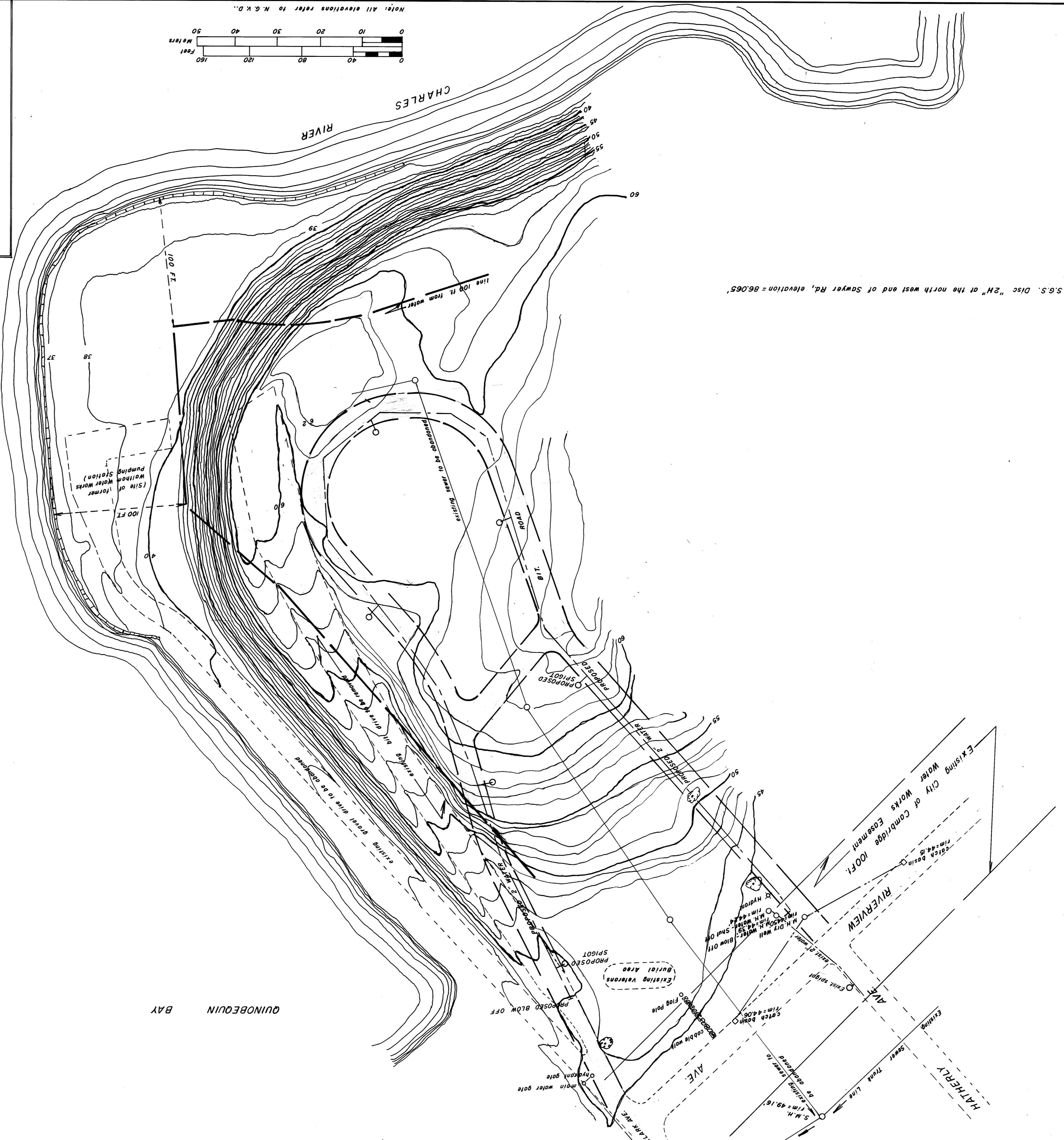
Scale: 1 inch = 40 Feet
 Edward F. Delany, P.E.
 City Engineer
 December, 1932

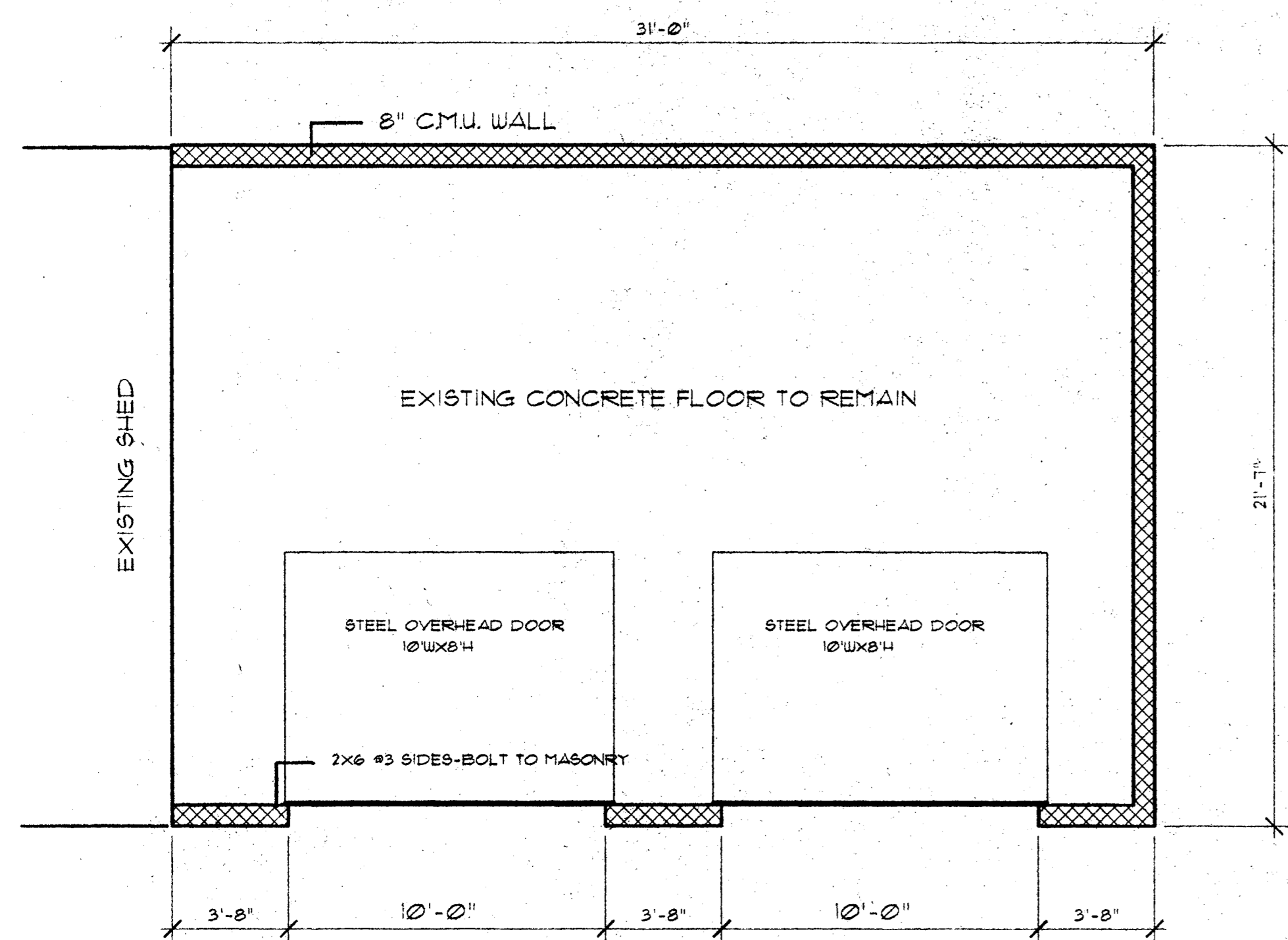



Note: All elevations refer to M. S. & D.

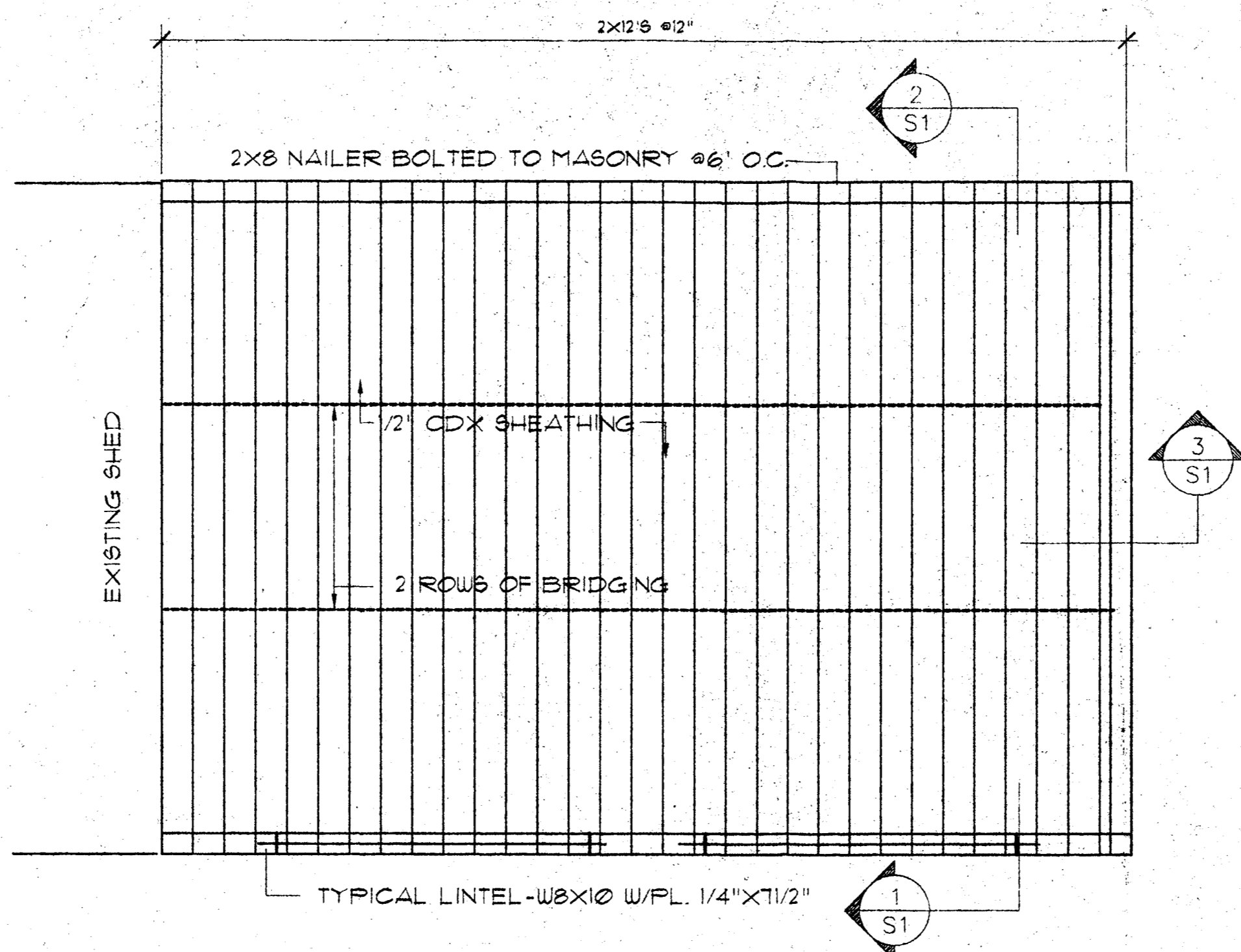
Water Elevation = 35.55

BENCH MARK is U.S.G.S. Disc "2H" at the north west end of Sawyer Rd., elevation = 86.05

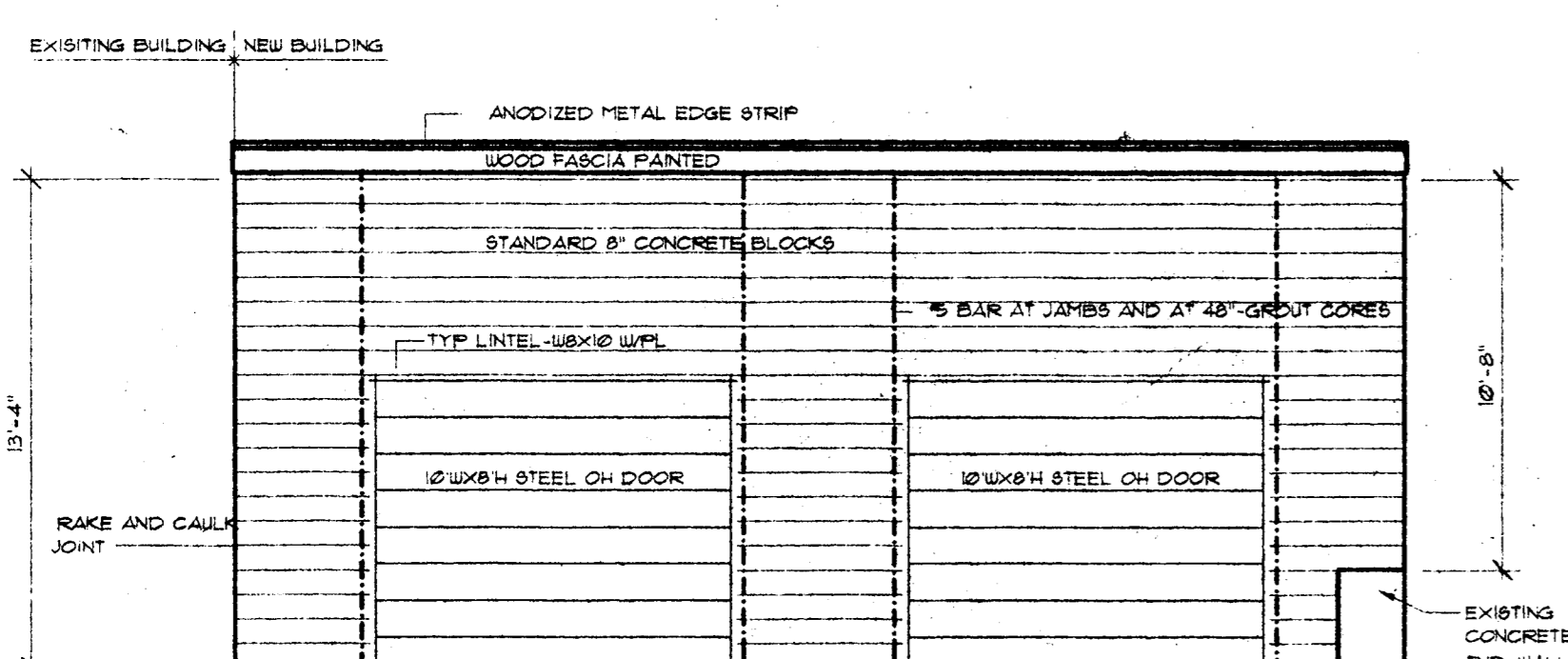




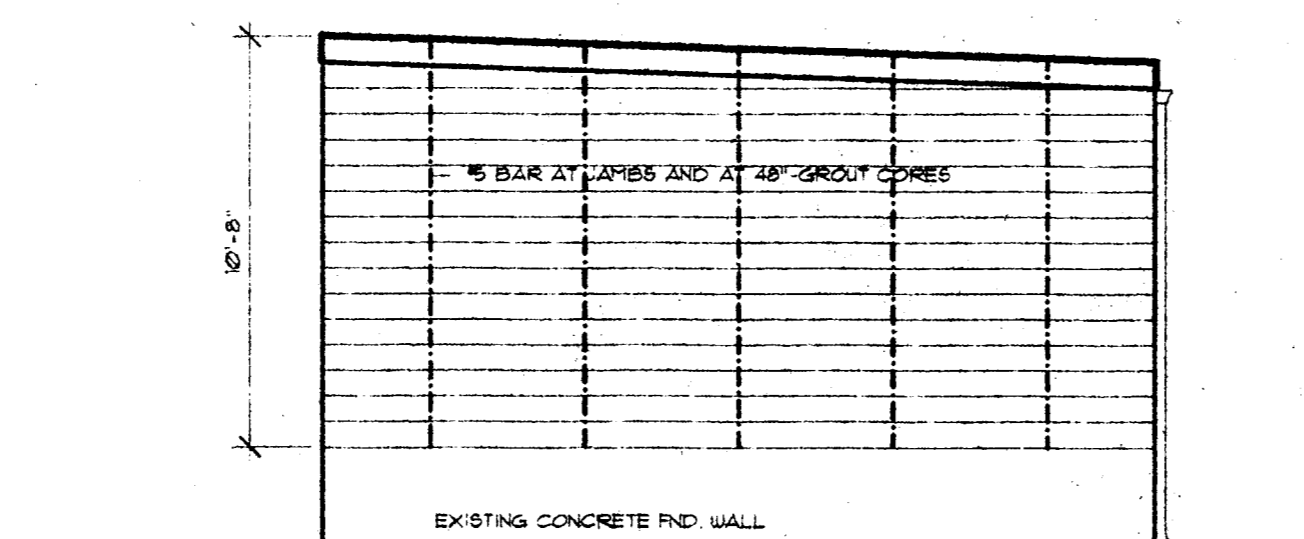
FLOOR PLAN



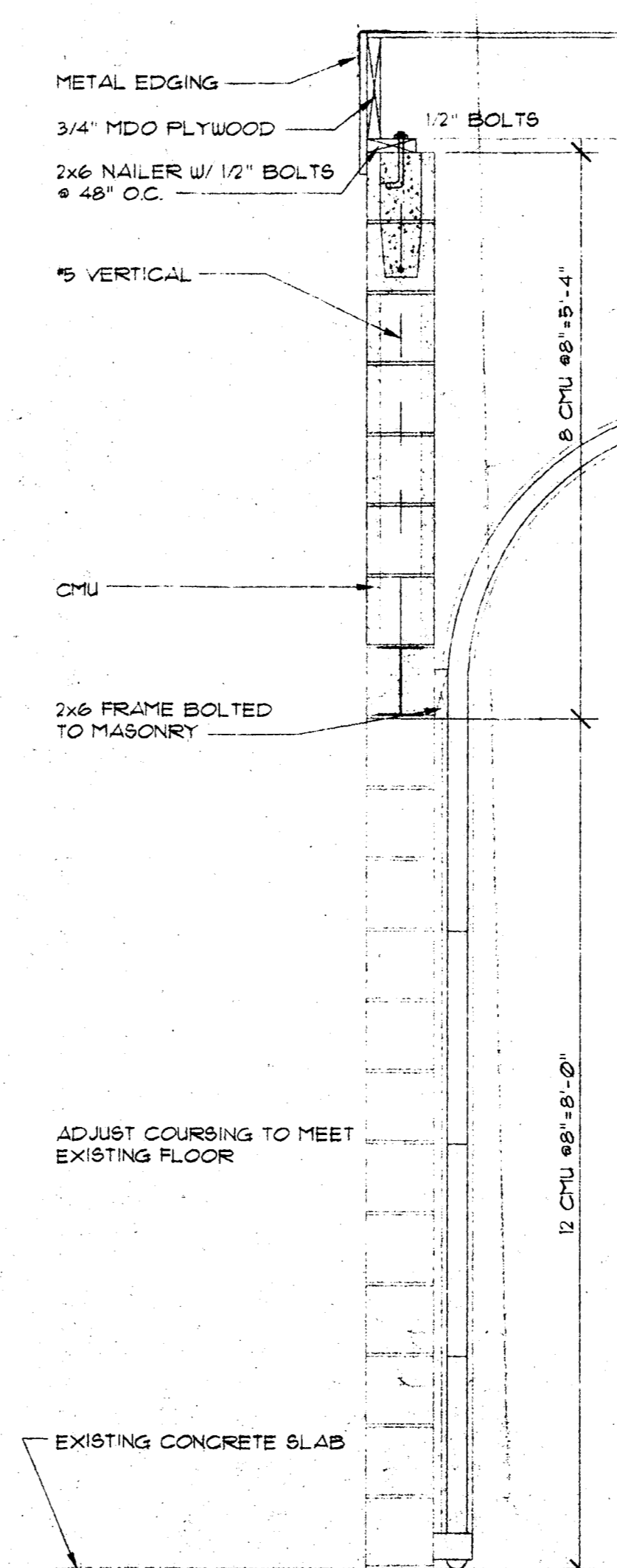
ROOF FRAMING PLAN



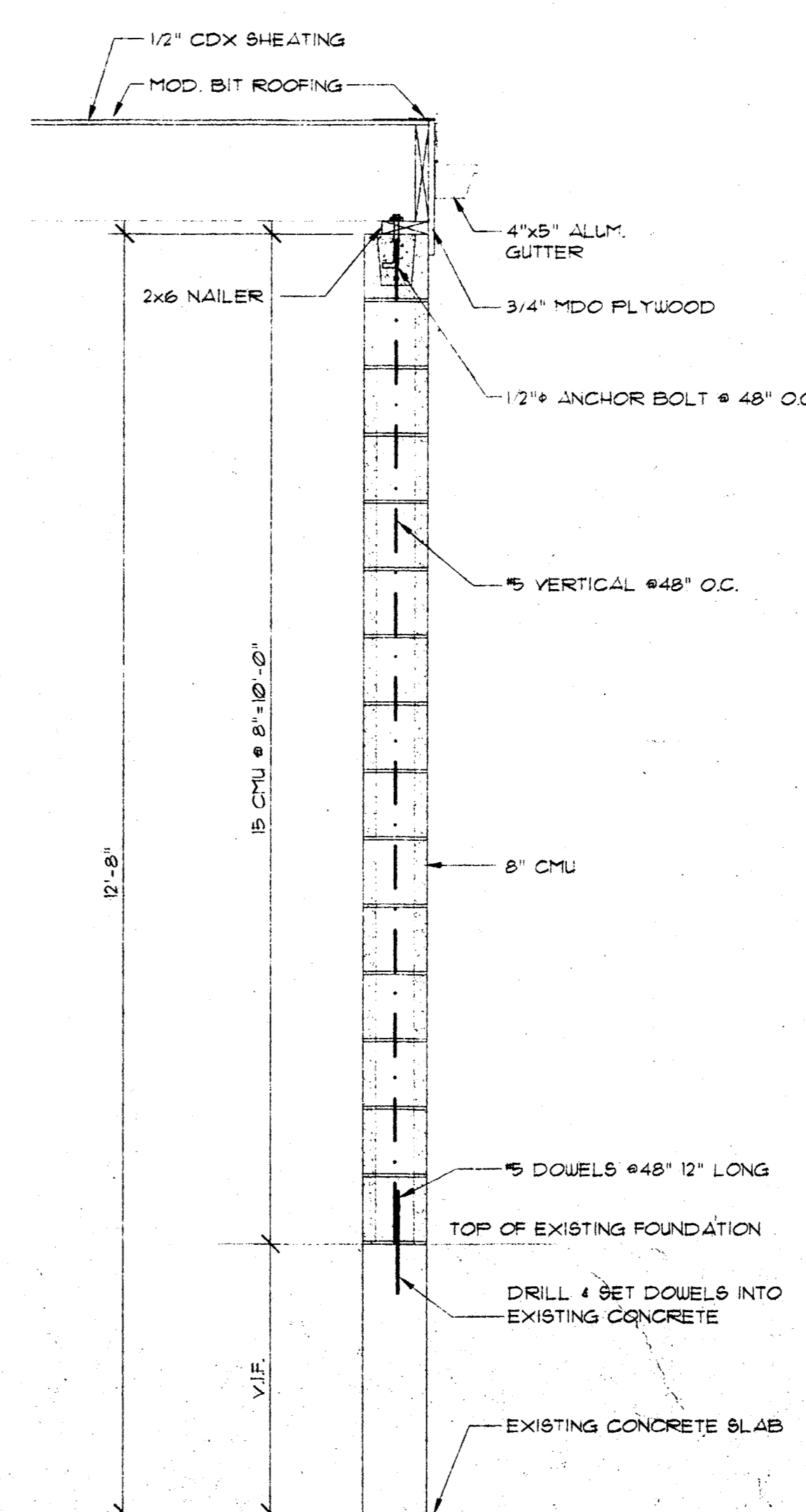
FRONT ELEVATION



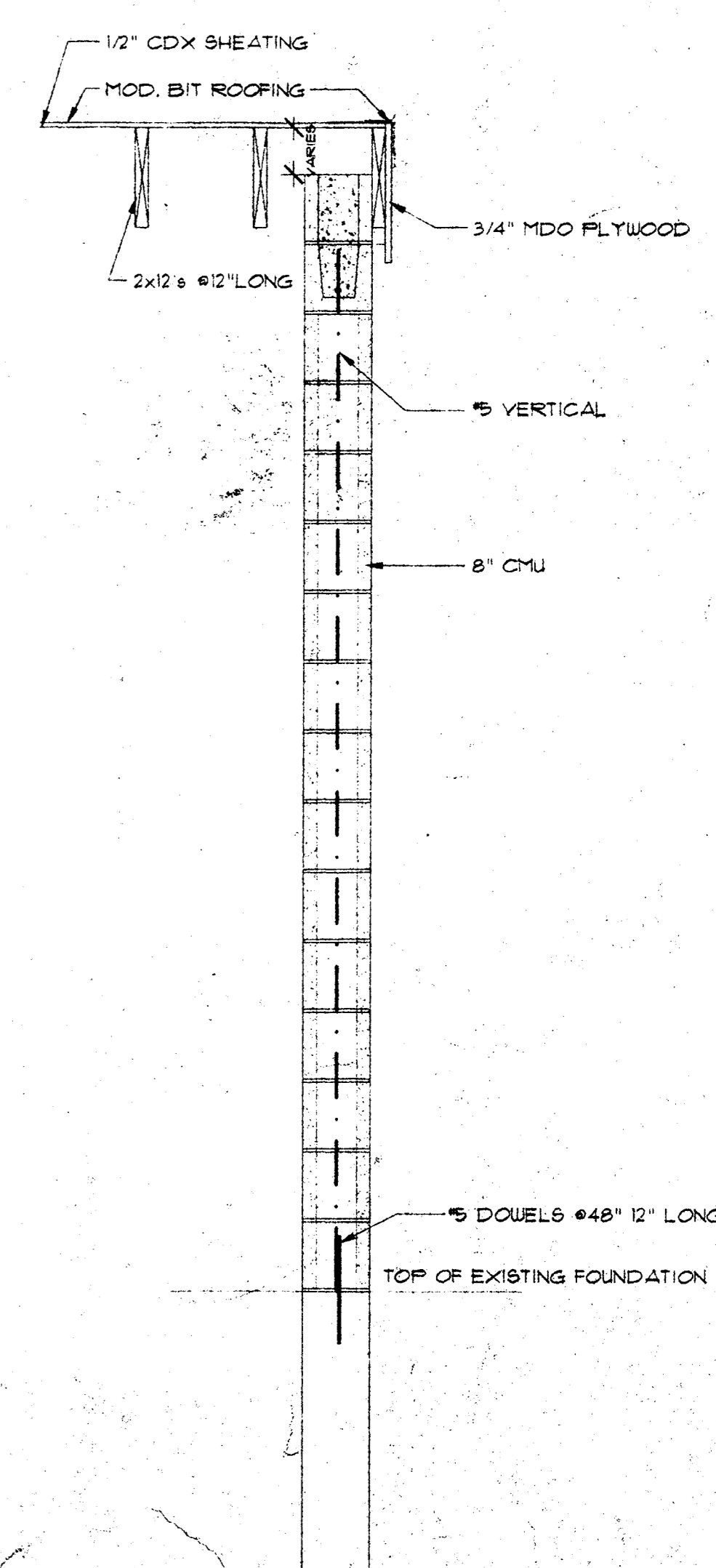
SIDE ELEVATION



WALL SECTIONS



WALL SECTIONS



WALL SECTIONS

KEYES ASSOCIATES
 architecture • engineering • environmental
 interior design • planning

Prudence St. Westfield, CT. Wethersfield, MA. Nashua, NH

124.078

No.	Date	Description	Revisions

**CITY OF WALTHAM
 MT. FEAKE CEMETERY
 EQUIPMENT SHED**

SCALE 1/4" = 1'-0"
 DESIGNED RXO
 DRAWN GST
 CHECKED BXO
 FILE NAME C9500.02
 PLOTTED 11/8/96
 ISSUE DATE 11/8/96
 JOB NO. C9500.02

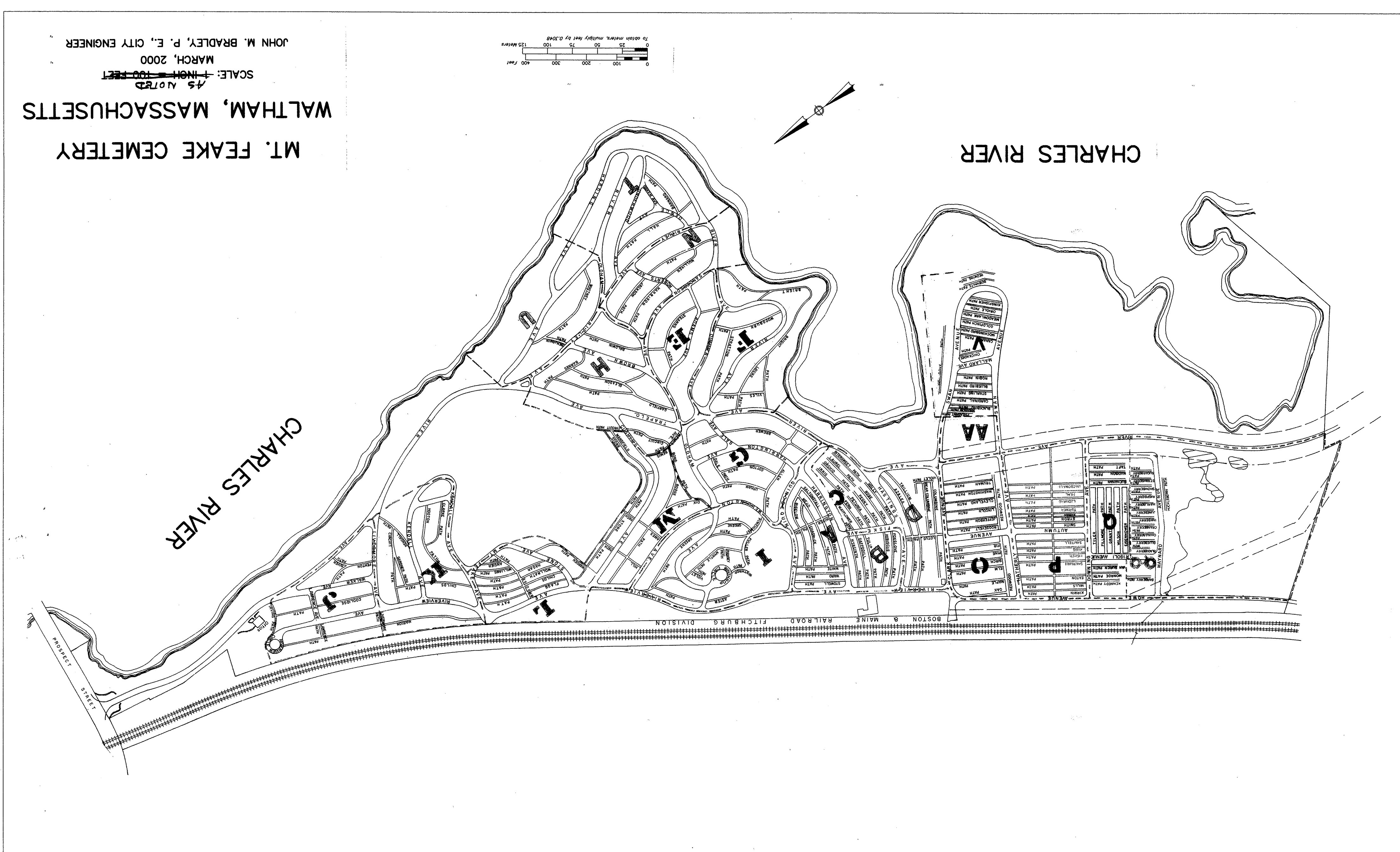
STRUCTURAL

PLAN,
 ELEVATION
 & WALL
 SECTIONS

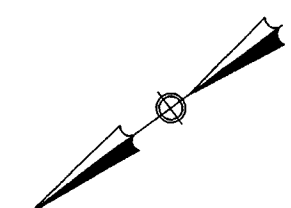
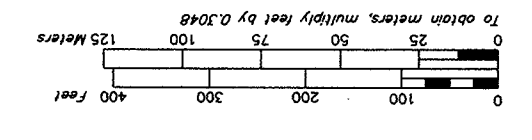
S-1

124.078

521.501



MT. FEAKE CEMETERY
 WALTHAM, MASSACHUSETTS



JOHN M. BRADLEY, P. E., CITY ENGINEER
 MARCH, 2000

SCALE: 1/4\"/>

105.125

810.911
8to9/1

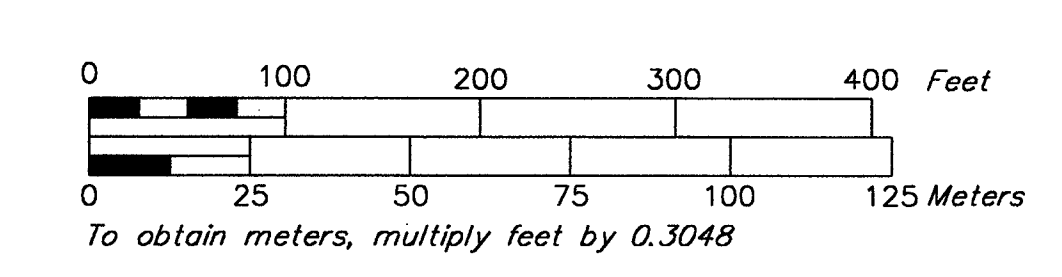


CHARLES RIVER

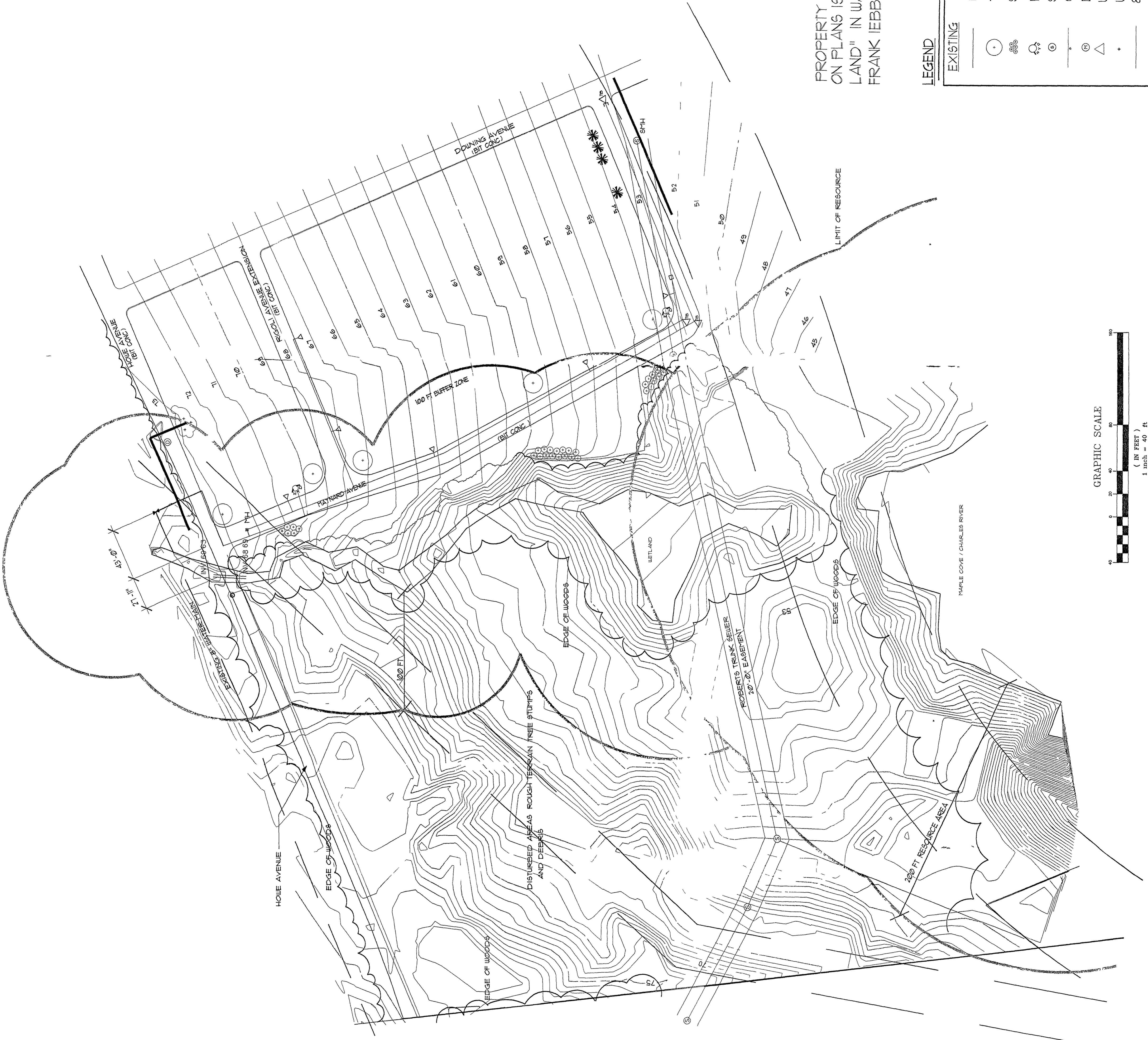
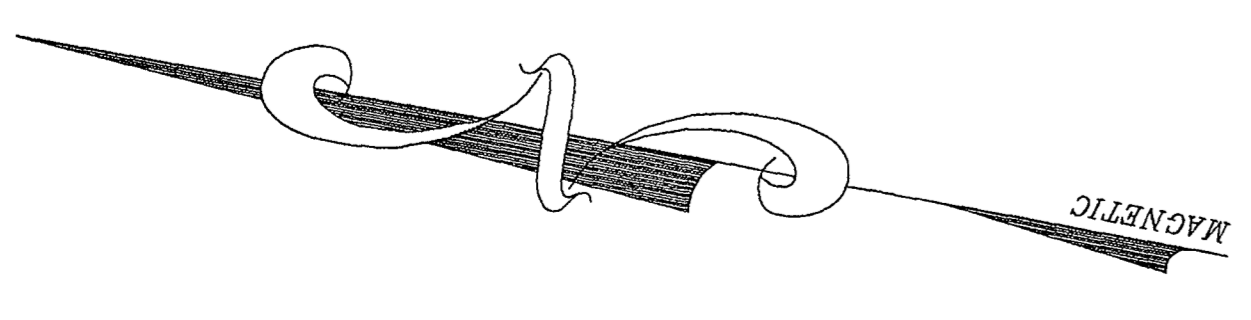
**MT. FEAKE CEMETERY
WALTHAM, MASSACHUSETTS**

SCALE: 1 INCH = 100 FEET
MARCH, 2000

JOHN M. BRADLEY, P. E., CITY ENGINEER



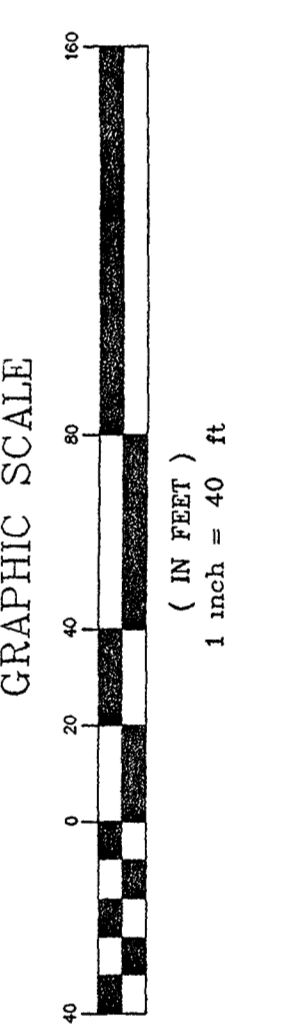
176.016



PROPERTY LINE, EXISTING TOPOGRAPHY, AND ALL EXISTING SITE FEATURES ON PLANS IS TAKEN FROM A SURVEY ENTITLED, "TOPOGRAPHIC PLAN OF LAND" IN WALTHAM, MASSACHUSETTS," DATED DECEMBER, 1996, BY FRANK IEBBA, RLS, P.E.

LEGEND

EXISTING	WETLAND LINE
○	TREES
⊗	SHRUBS
⊕	FIRE HYDRANT
⊙	SEWER MANHOLE
△	CONTOUR
⊖	DRAIN MANHOLE
⊕	WATER SPIGOT
⊖	WATER SHUT OFF
○	8" WATER LINE
□	BLOW OFF
—	3/4" PVC WATER LINE



RECEIVED
AUG 25 2000
Engineering Dept.

SE-1

KEYES ASSOCIATES
architecture engineering environmental
interior design planning
Post Office Box 100 Waltham MA 02451
Tel: 781-938-7000

MT. PEAK
CEMETERY
PHASE II
WALTHAM, MA

SCALE	1" = 40'
DESIGNED	DWF
DRAWN	DMH
CHECKED	DWF
FILE NAME	PHASE-1
PLOTTED	08/12/00
ISSUE DATE	08/14/00
JOB NO	03660 01

SITE ENGINEERING

EXISTING
CONDITIONS
PLAN

176.016

No.	Date	Description

NOTE ALTERNATE #1
 PROVIDE SEGMENTAL CONCRETE REINFORCED RETAINING WALL
 IN PLACE OF THE STONE RETAINING WALL

GENERAL NOTES

- PROPERTY LINE EXISTING TOPOGRAPHY, AND ALL EXISTING SITE FEATURES SHALL BE SHOWN ON THE PROPOSED GRADING PLAN OF THE LAND IN WALTHAM MASSACHUSETTS DATED DECEMBER 1998 BY FRANK REBEA RLS PE
- ALL ELEVATIONS REFER TO CITY OF WALTHAM DATUM
- CONTRACTOR SHALL VERIFY THE EXISTING UTILITIES WITH THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (DWP) AND THE CITY OF WALTHAM UTILITIES DEPARTMENT. THE CITY OF WALTHAM RESERVES THE RIGHT TO ADJUST FINAL GRADES IN THE FIELD TO SAVE EXISTING VEGETATION.
- FIELD TO SAVE EXISTING VEGETATION AND REED ON ALL DISTURBED AREAS IN 1866 NOTED OTHERWISE.
- PROVIDE EROSION CONTROL NETTING ON ALL SLOPES.
- THE SITE CONTRACTOR SHALL CUT AND MATCH ALL EXISTING ROAD PATHERNT AS REQUIRED TO REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIONS.
- PROVIDE 18" WIDE BIT CONCRETE ROADWAY CUT AND MATCH EXISTING PAVING FOR TO CONTAIN WORK. MANHOLE CURB AND TALL OR OTHER CURB SHALL BE INSTALLED TO MATCH EXISTING LOCATIONS WITHIN 10' OF THE EXISTING CURB.
- COORDINATE ALL UTILITY INSTALLATIONS WITH THE CITY OF WALTHAM PUBLIC UTILITY DEPARTMENTS.
- PROVIDE 6" LOAM AND SEED ON SLOPES AS TO THE LINES FACT WHICH THEY ARE OBTAINED UNLESS OTHERWISE INDICATED.
- ALL SITE IMPROVEMENTS (IE FIELD LOCATIONS) SHALL BE STAKED IN THE FIELD AND VERIFIED BY THE CITY ENGINEER. LINES SHALL BE SET BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES WITHIN THE PROPERTY AND PERSONAL LOCATION OF ALL UTILITIES WITHIN THE PROPERTY.
- THE CONTRACTOR IS REQUIRED TO OBTAIN PERMIT FROM THE MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS (DWP) FOR THE LOCATION OF THE EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF THE EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES WITHIN THE PROPERTY AND PERSONAL LOCATION OF ALL UTILITIES WITHIN THE PROPERTY.
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WATER SUPPLY NOTES

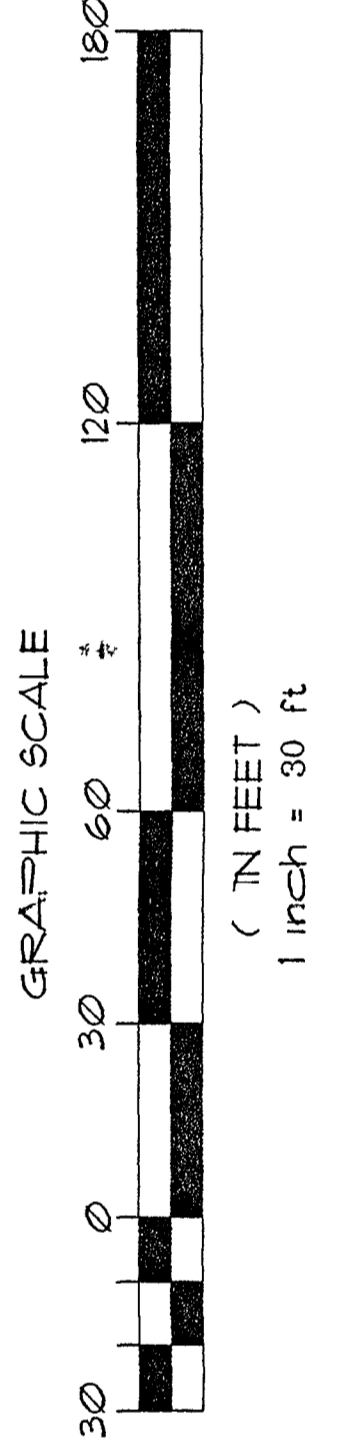
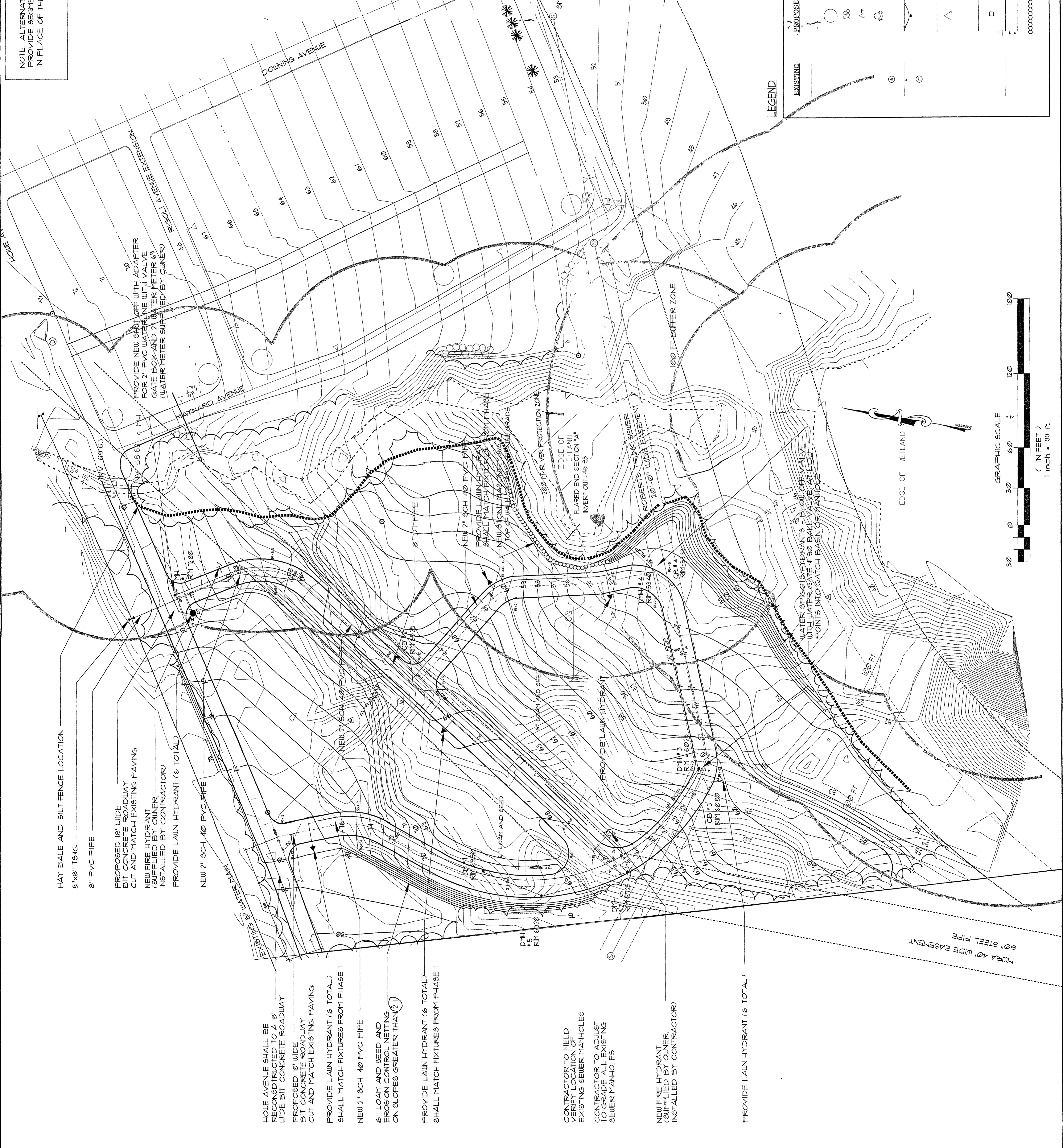
- BEFORE BEGINNING WORK, THE CONTRACTOR SHALL NOTIFY THE WATER DIVISION FOR THE EXISTING WATER MAINS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WATER MAINS AND SHALL NOT BEGIN UNTIL SPECIFIC PERMISSION FROM THE WATER DEPARTMENT IS GRANTED WITH REGARD TO THE SIZE AND LOCATION OF ALL WATER MAINS VALVES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL WATER MAINS VALVES.
- CONNECTION TO THE EXISTING 8" WATER MAIN IN LOCATIONS WHERE 8" AND 6" WATER MAINS ARE TO BE INSTALLED SHALL BE MADE BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL WATER MAINS VALVES.
- ALL NEW WATER MAINS SHALL BE INSTALLED WITH AN ANCHOR TEE AND GATE VALVE.
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STRUCTURES SCHEDULE

STRUCTURE	RT ELEVATION	INV. N.	RT ELEVATION	INV. N.
DPH1	7280	6330	7280	6330
DPH2	6175	6175	6175	6175
DPH3	6075	6075	6075	6075
DPH4	5140	5140	5140	5140
DPH5	6320	6320	6320	6320
CB1	6320	6320	6320	6320
CB2	6225	6225	6225	6225
CB3	6225	6225	6225	6225
CB4	6225	6225	6225	6225
CB5	6225	6225	6225	6225
HEADWALL 1	4425	4425	4425	4425
HEADWALL 2	4425	4425	4425	4425

LEGEND

EXISTING	PROPOSED
WETLAND LINE	WETLAND LINE
TREES	TREES
SHRUBS	SHRUBS
THRUST BLOCK	THRUST BLOCK
FIRE HYDRANT	FIRE HYDRANT
SEWER MANHOLE	SEWER MANHOLE
CONTOUR	CONTOUR
DRAIN MANHOLE	DRAIN MANHOLE
LIMIT OF WORK LINE	LIMIT OF WORK LINE
SPIGOT ON 3/4" IRON PIPE RISER	SPIGOT ON 3/4" IRON PIPE RISER
WATER SHUT OFF	WATER SHUT OFF
8" WATER LINE	8" WATER LINE
BLOW OFF	BLOW OFF
3/4" PVC WATER LINE	3/4" PVC WATER LINE
HAY BALE LINE	HAY BALE LINE
PROPOSED RETAINING WALL	PROPOSED RETAINING WALL



HAY BALE AND SILT FENCE LOCATION
 8"X8" TS&G
 8" PVC PIPE
 PROPOSED 18" WIDE BIT CONCRETE ROADWAY CUT AND MATCH EXISTING PAVING
 NEW FIRE HYDRANT (SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR)
 PROVIDE LAWN HYDRANT (6 TOTAL)

HOWE AVENUE SHALL BE RECONSTRUCTED TO A 18" WIDE BIT CONCRETE ROADWAY
 PROPOSED 18" WIDE BIT CONCRETE ROADWAY CUT AND MATCH EXISTING PAVING
 PROVIDE LAWN HYDRANT (6 TOTAL)
 SHALL MATCH FIXTURES FROM PHASE I

NEW 2" SCH 40 PVC PIPE
 6" LOAM AND SEED AND EROSION CONTROL NETTING ON SLOPES GREATER THAN 2:1

PROVIDE LAWN HYDRANT (6 TOTAL)
 SHALL MATCH FIXTURES FROM PHASE I

CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING SEWER MANHOLES
 CONTRACTOR TO ADJUST TO GRADE ALL EXISTING SEWER MANHOLES

NEW FIRE HYDRANT (SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR)

PROVIDE LAWN HYDRANT (6 TOTAL)

60" STEEL PIPE
 MURA 40" WIDE EASEMENT

GENERAL NOTES SE - 3

1. PROPERTY LINE, EXISTING TOPOGRAPHY AND ALL EXISTING SITE FEATURES TO BE MAINTAINED OR RESTORED TO ORIGINAL CONDITION, UNLESS OTHERWISE NOTED TO THE CONTRARY.
2. ALL ELEVATIONS REFER TO CITY OF WALTHAM DATUM.
3. ALL UTILITIES SHOWN ON DRAWING SHALL BE IN ACCORDANCE WITH THE MASS REGULATORY BOARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES AND THE CITY OF WALTHAM PUBLIC WORKS.
4. THE A/E RESERVES THE RIGHT TO ADJUST FINAL GRACES IN THE AREAS WHERE SHOWN ON DRAWING TO ACCORD WITH FIELD NOTES, NOTES TO THE SHEET AND SEED ON ALL DISTURBED AREAS UNLESS OTHERWISE NOTED TO THE CONTRARY.
5. PROVIDE EROSION CONTROL NETTING ON ALL SLOPES 3:1 OR GREATER IN AREAS SHOWN ON DRAWING. STABILIZE WITH NATURAL GRASS. SEED AND MULCH TO BE INSTALLED IMMEDIATELY AFTER EROSION CONTROL NETTING IS INSTALLED.
6. PROVIDE EROSION CONTROL NETTING ON ALL EXISTING ROAD CUTS AND EXISTING ROAD CUTS TO BE REPAIRED TO ORIGINAL GRADE OR BETTER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE EROSION CONTROL NETTING.
7. COORDINATE ALL UTILTY INSTALLATIONS WITH THE CITY OF WALTHAM PUBLIC UTILITY DEPARTMENT.
8. EXISTING UTILITIES MUST BE LOCATED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY EXISTING UTILITIES AS REPAIRED BY UTILITY COMPANIES WITHIN JURISDICTION. CALL DUG SAFE TO FIELD VERIFY LOCATIONS.
9. COORDINATE ALL UTILTY INSTALLATIONS WITH THE CITY OF WALTHAM PUBLIC UTILITY DEPARTMENT.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF WALTHAM AND ALL NECESSARY AGENCIES AND AGENCIES AS TO THE LINES AND LOCATIONS OF ALL UTILITIES TO BE MAINTAINED OR RESTORED TO ORIGINAL CONDITION.
11. ALL SITE IMPROVEMENTS (FIELD LOCATIONS) SHALL BE STAKED IN THE FIELD AND APPROVED BY THE CITY ENGINEER.
12. DISTANCES DELINEATED BY KEYES ASSOCIATES (L.P.F. NOVEMBER 1997)

PLANTING SCHEDULE

KEY	CITY	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS
4	AC	AVELANCHER CANADENSIS	DOWNY SHADBLAU	3'-3 1/2' CAL	B+B
AS	AC	ACER SACCHARIN	GREEN MOUNTAIN SUGAR MAPLE	3'-3 1/2' CAL	B+B
3	AR	ACER RUBRUM	RED MAPLE	3'-3 1/2' CAL	B+B
5A	FS	FORSYTHIA SUBPENSIA	FORSYTHIA	3'-3 1/2' CAL	B+B
6	IS	ILEX GLABRA	INKBERRY	2'-2 1/2' CAL	B+B
7	PF	PRINCEA PENSYLVANICA	BARTBERRY	19'-17" HT	B+B
3	MS	MALUS SARACENTII	SARACENT CRAB APPLE	2'-2 1/2' CAL	B+B
B	OP	QUERCUS PAUBURIS	PN OAK	19'-17" HT	B+B
24	RR	ROSA RUBROG.	SALT SPRAY ROSE	3'-3 1/2' CAL	B+B
25	VD	VIBURNUM DEBATUM	ARROWOOD VIBURNUM	19'-17" HT	B+B
13	KL	KALIA LATIFOLIA	MT LAVEL	3/6 4/1	B+B
31	RC	RUCCOPHORCA CAMBENSE	CATAUBA RUCCOPHORON	30-36"	B+B

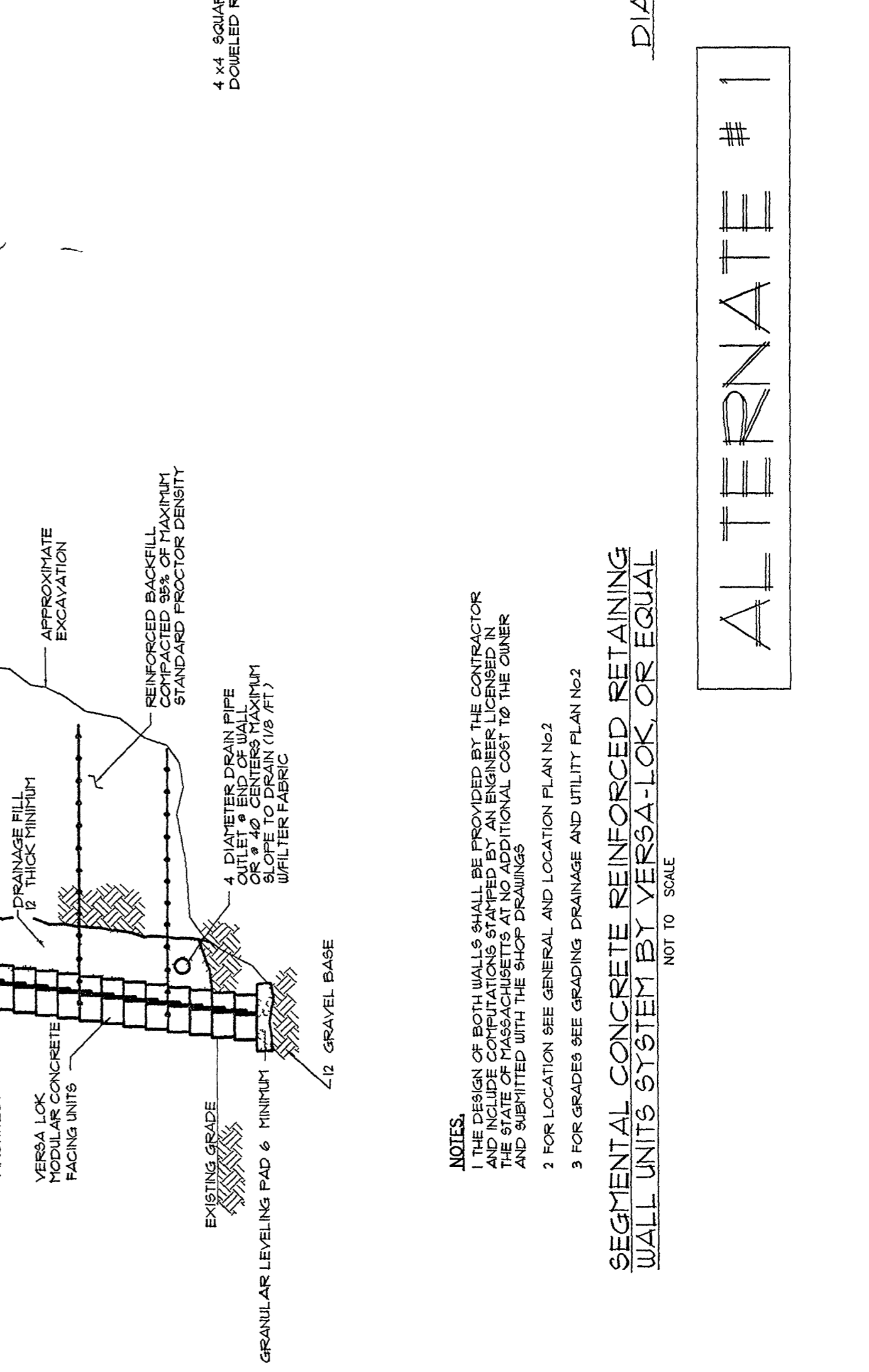
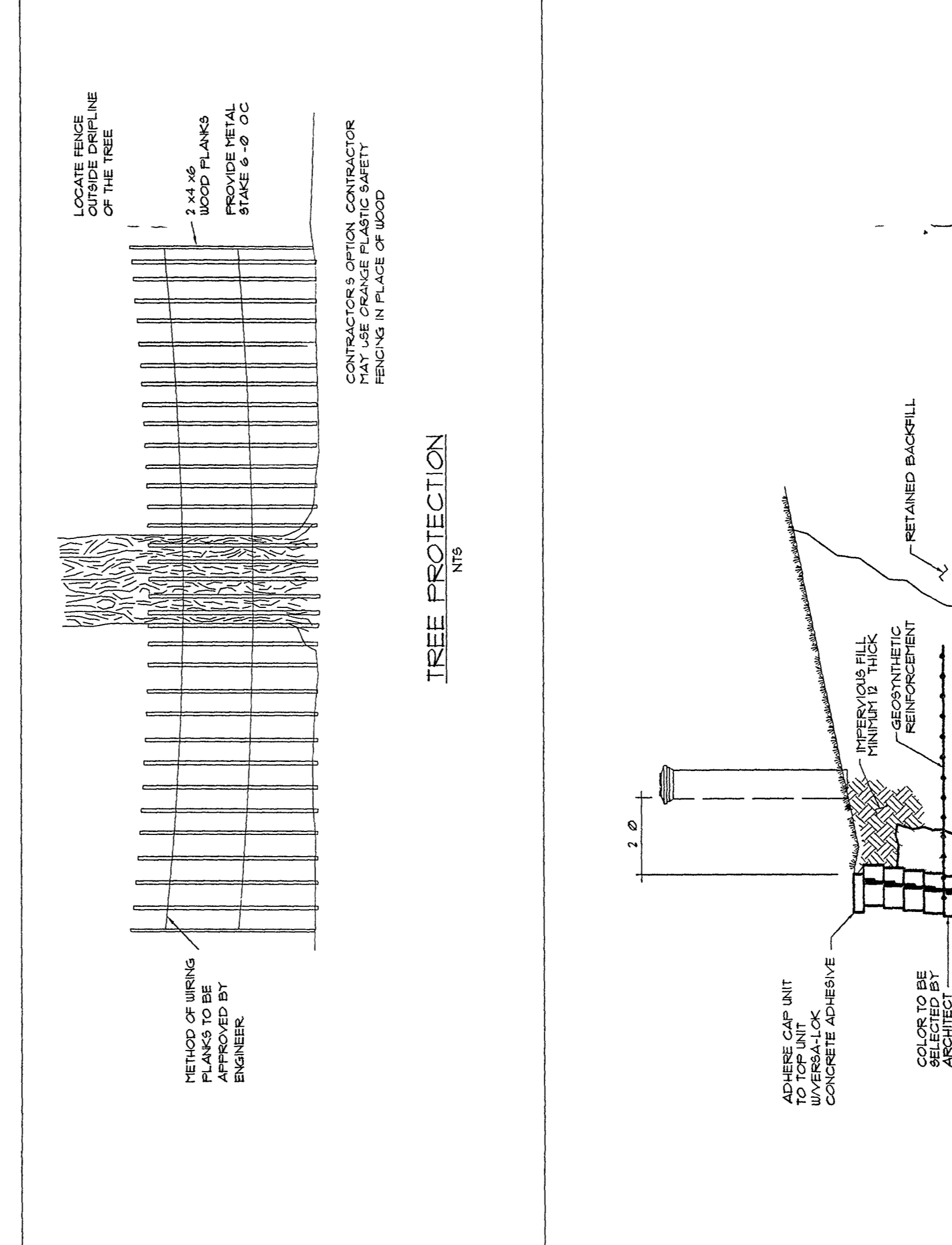
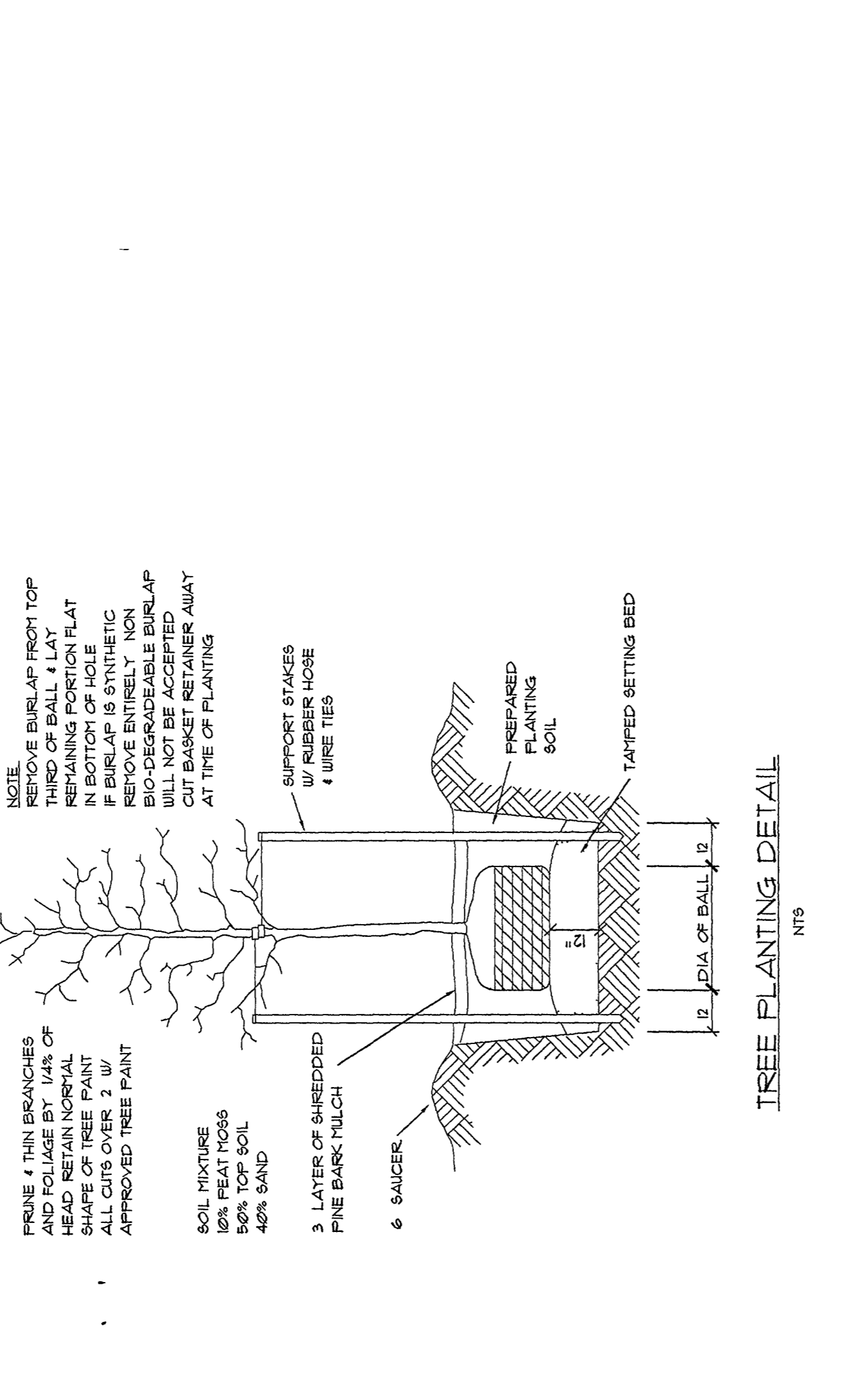
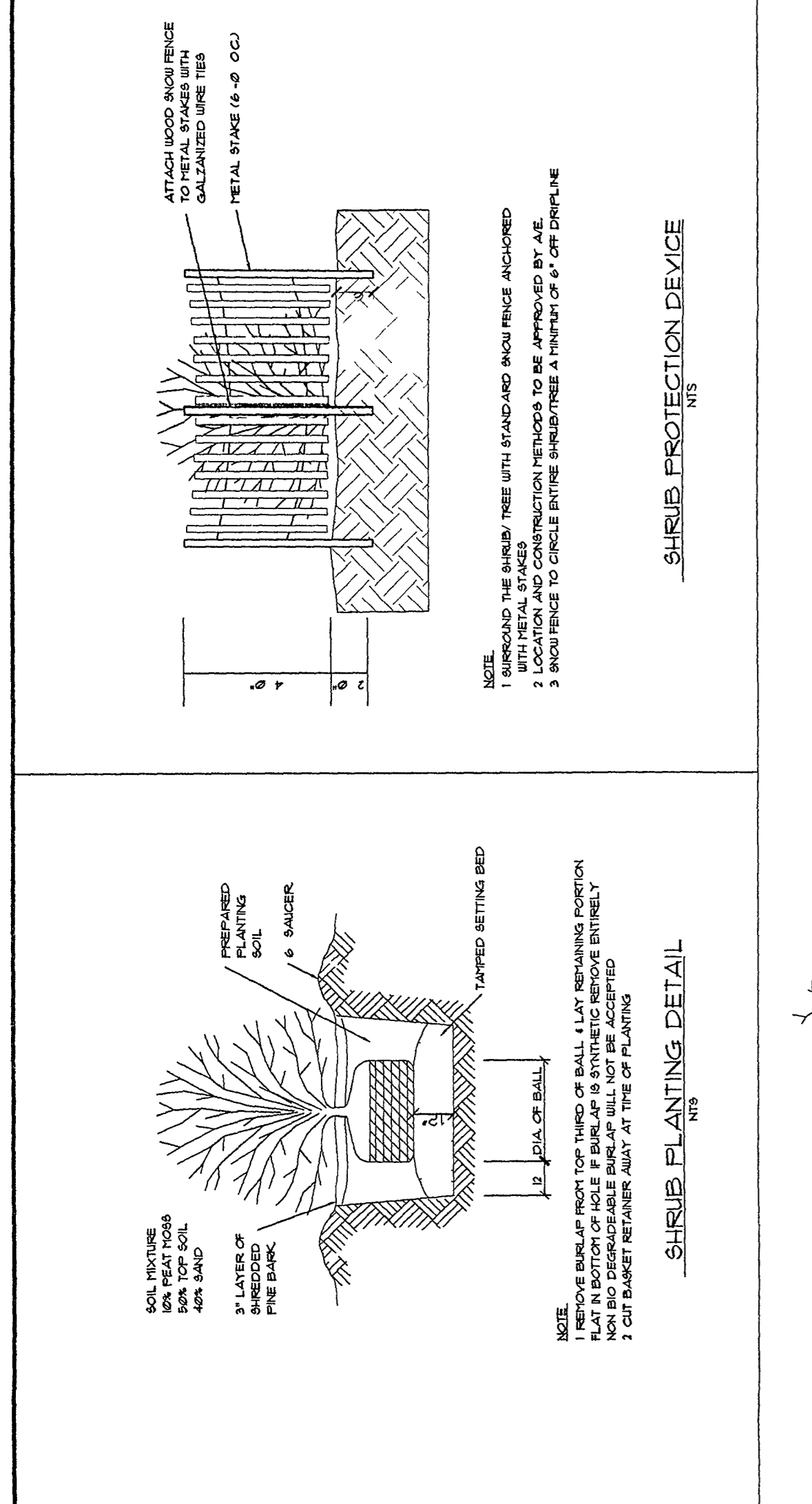
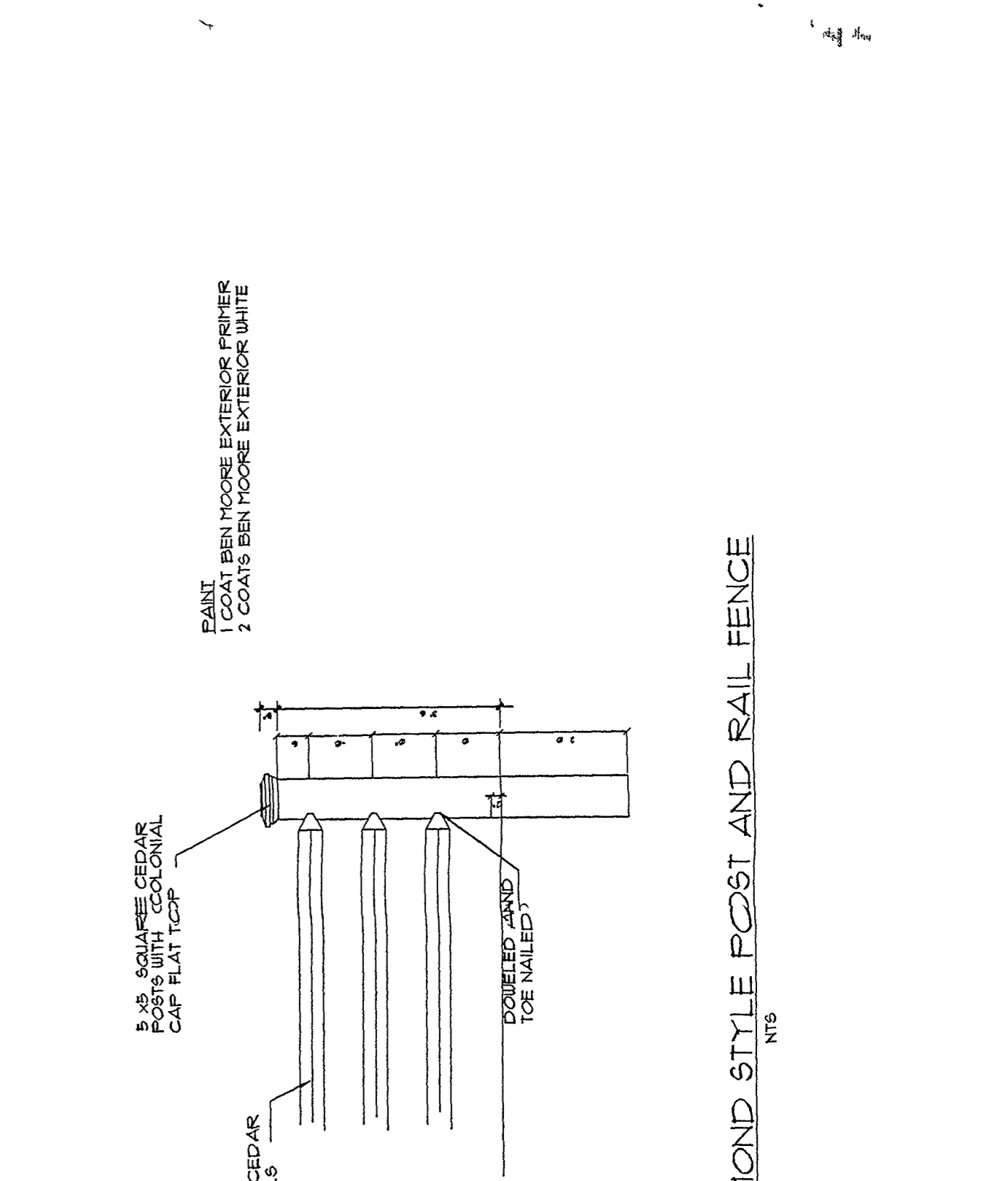
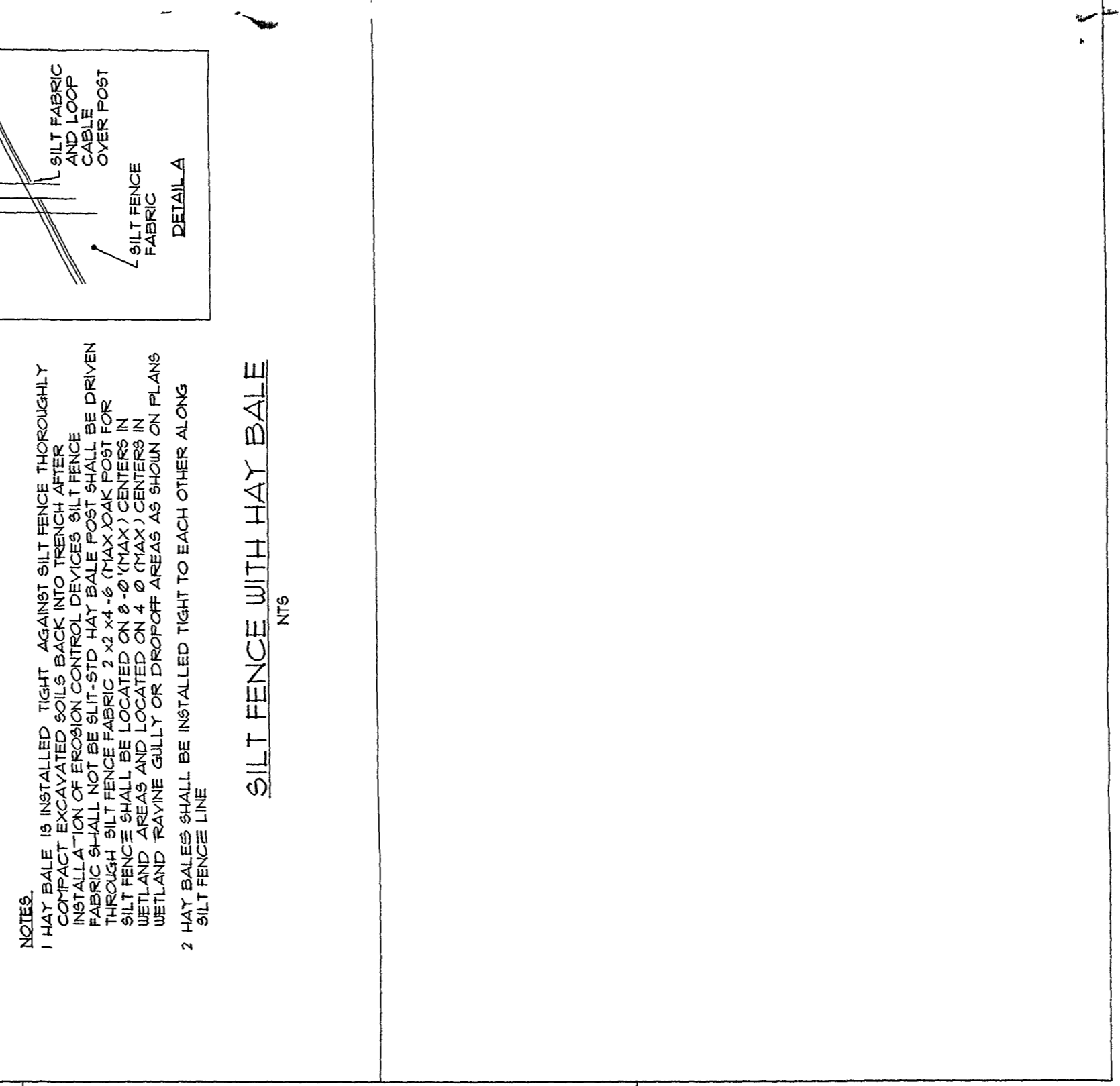
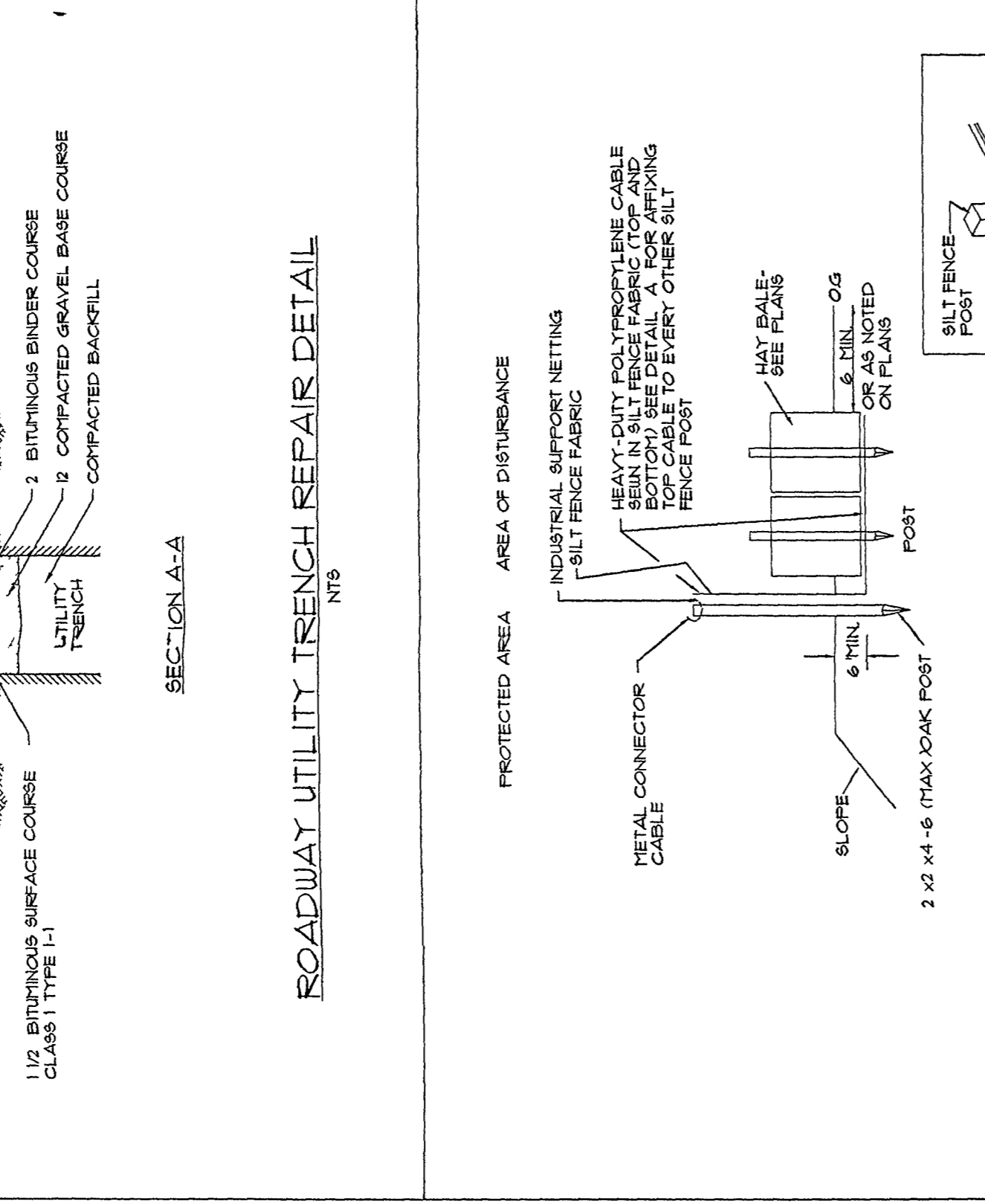
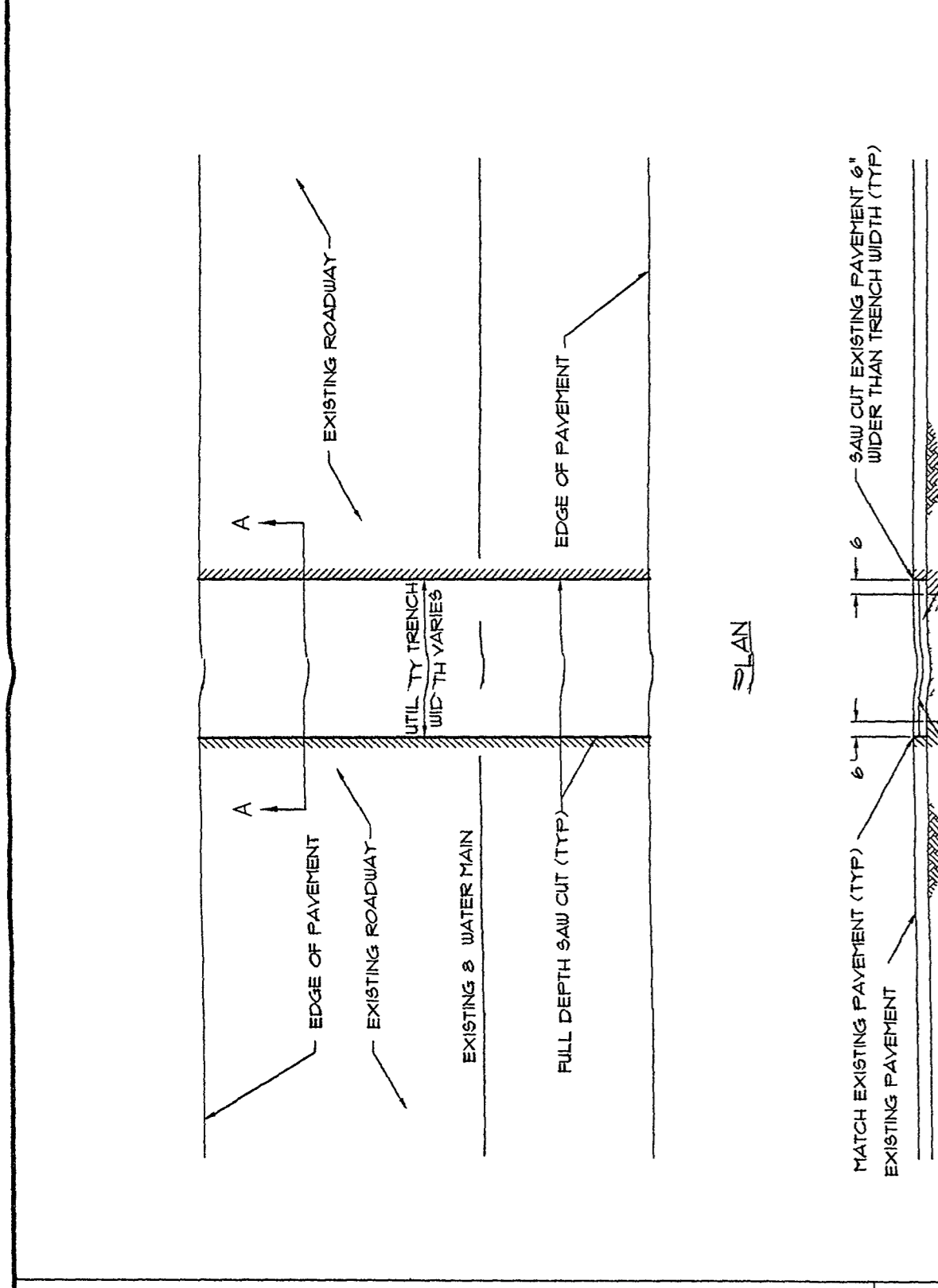
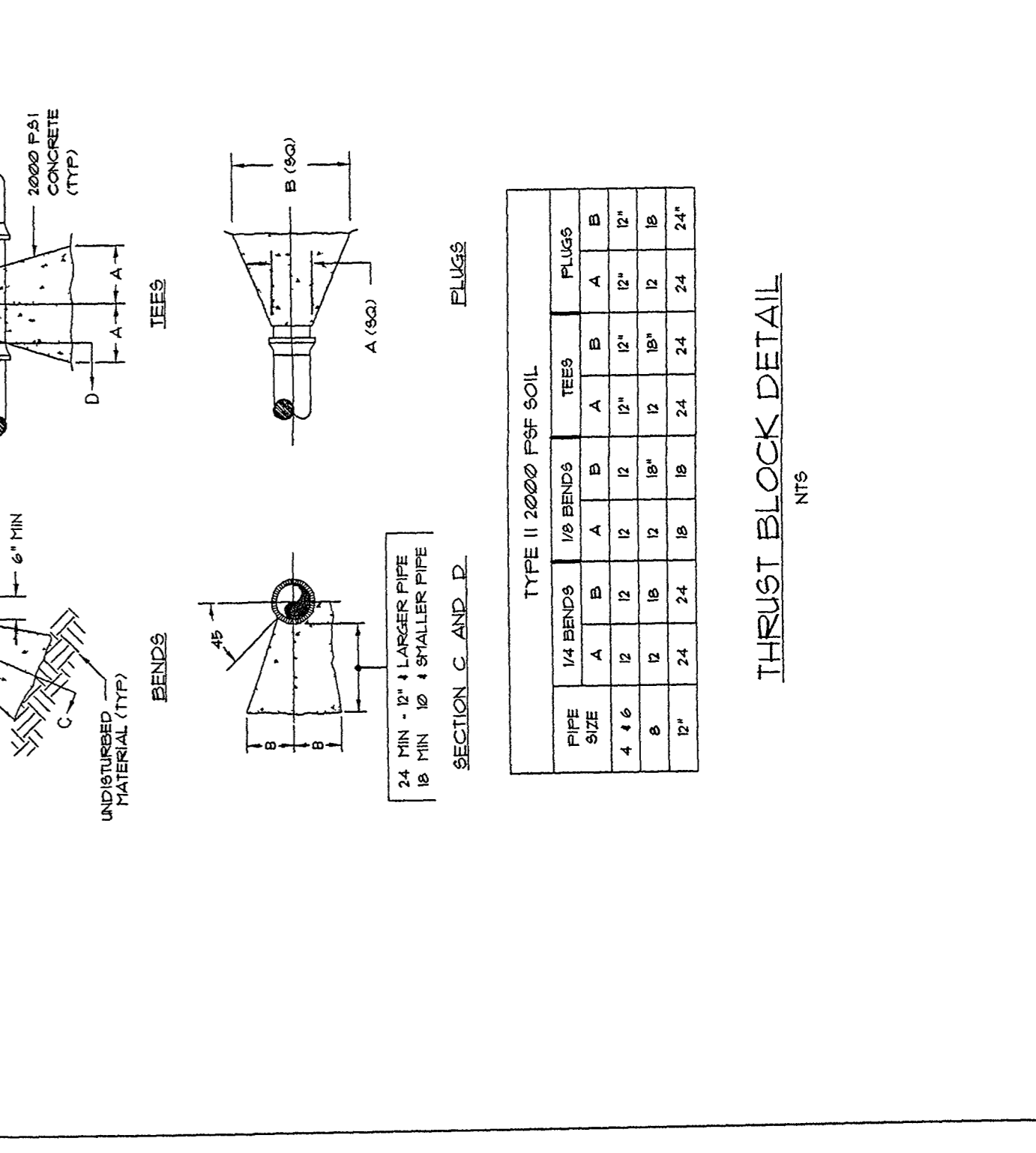
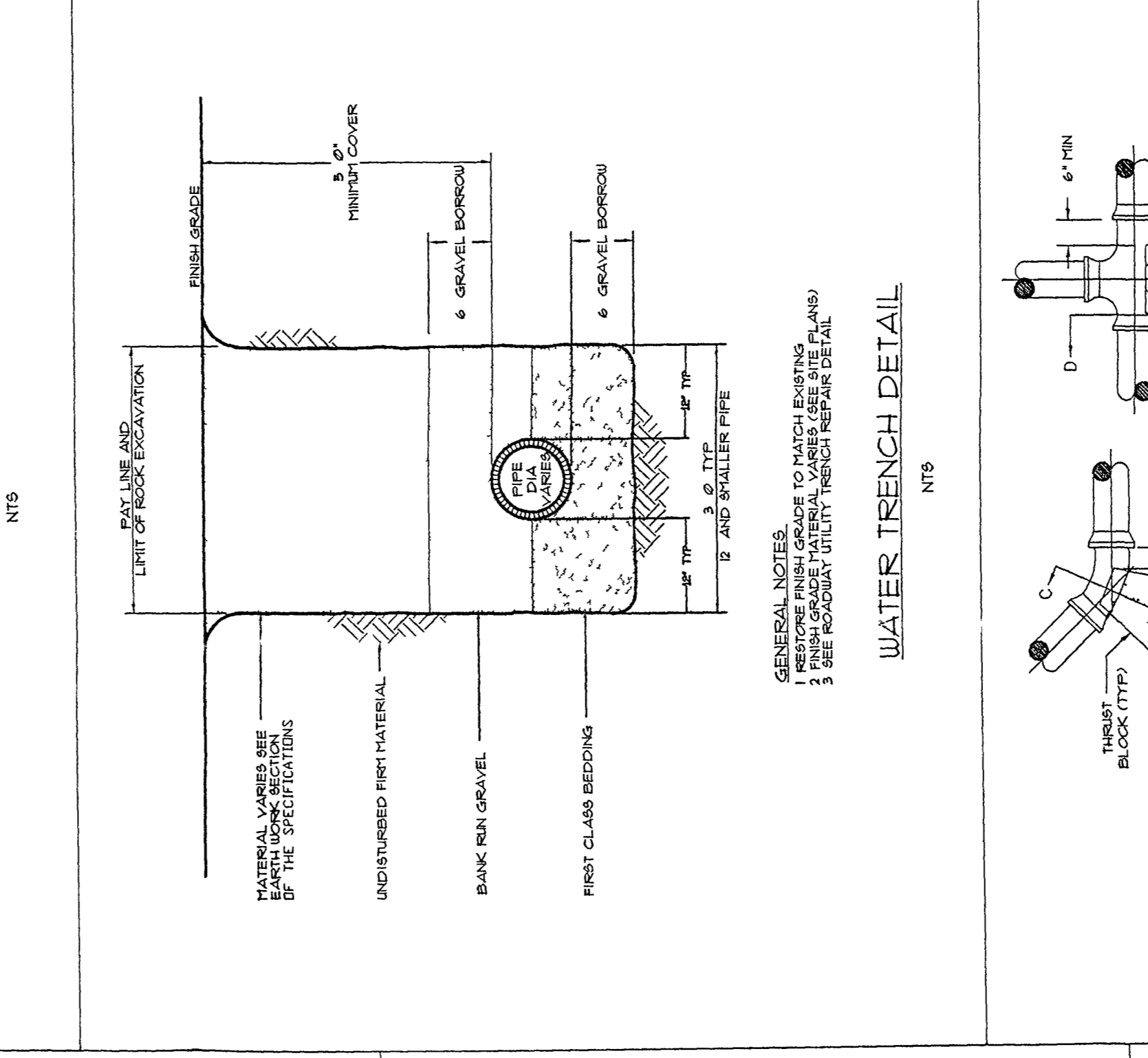
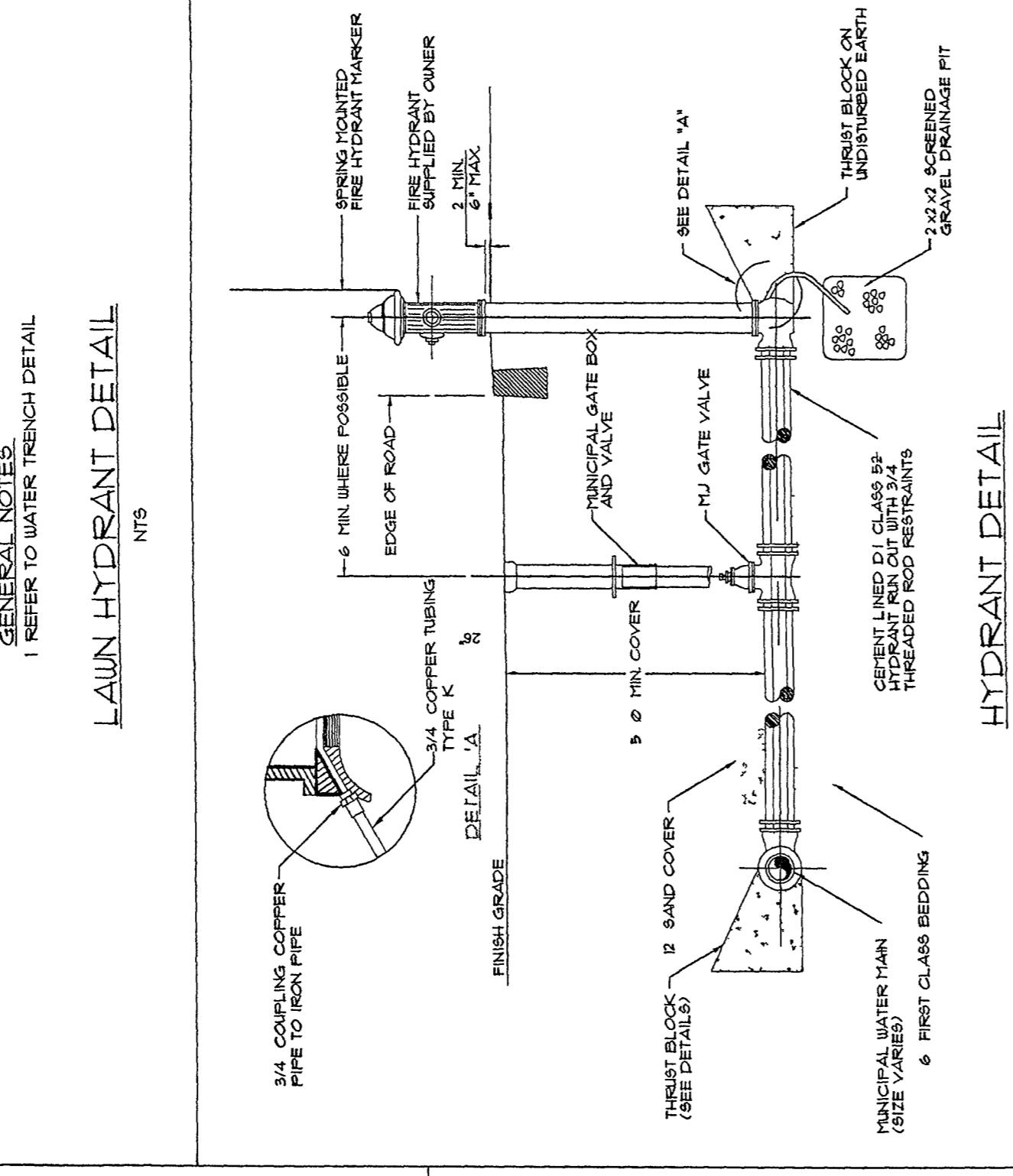
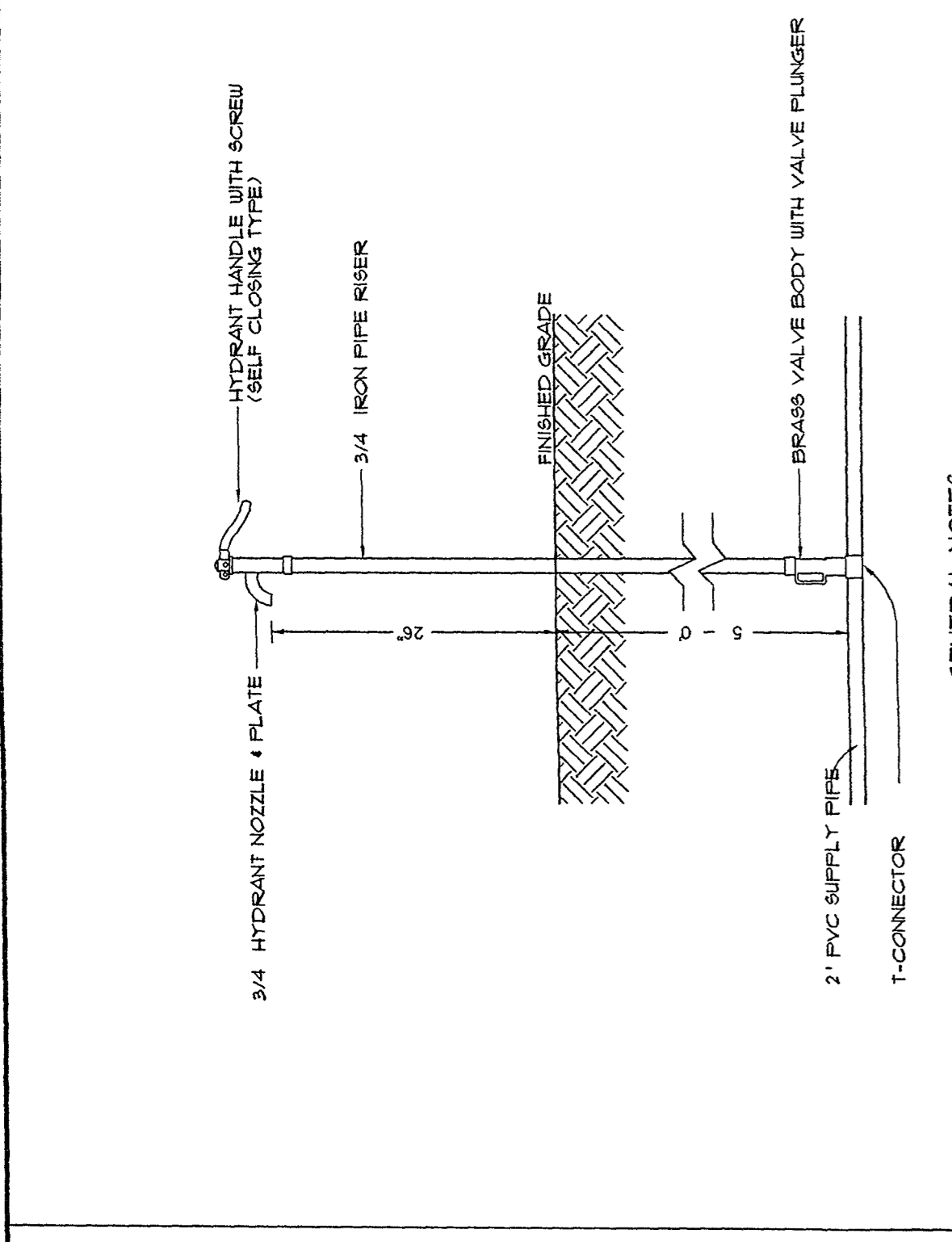
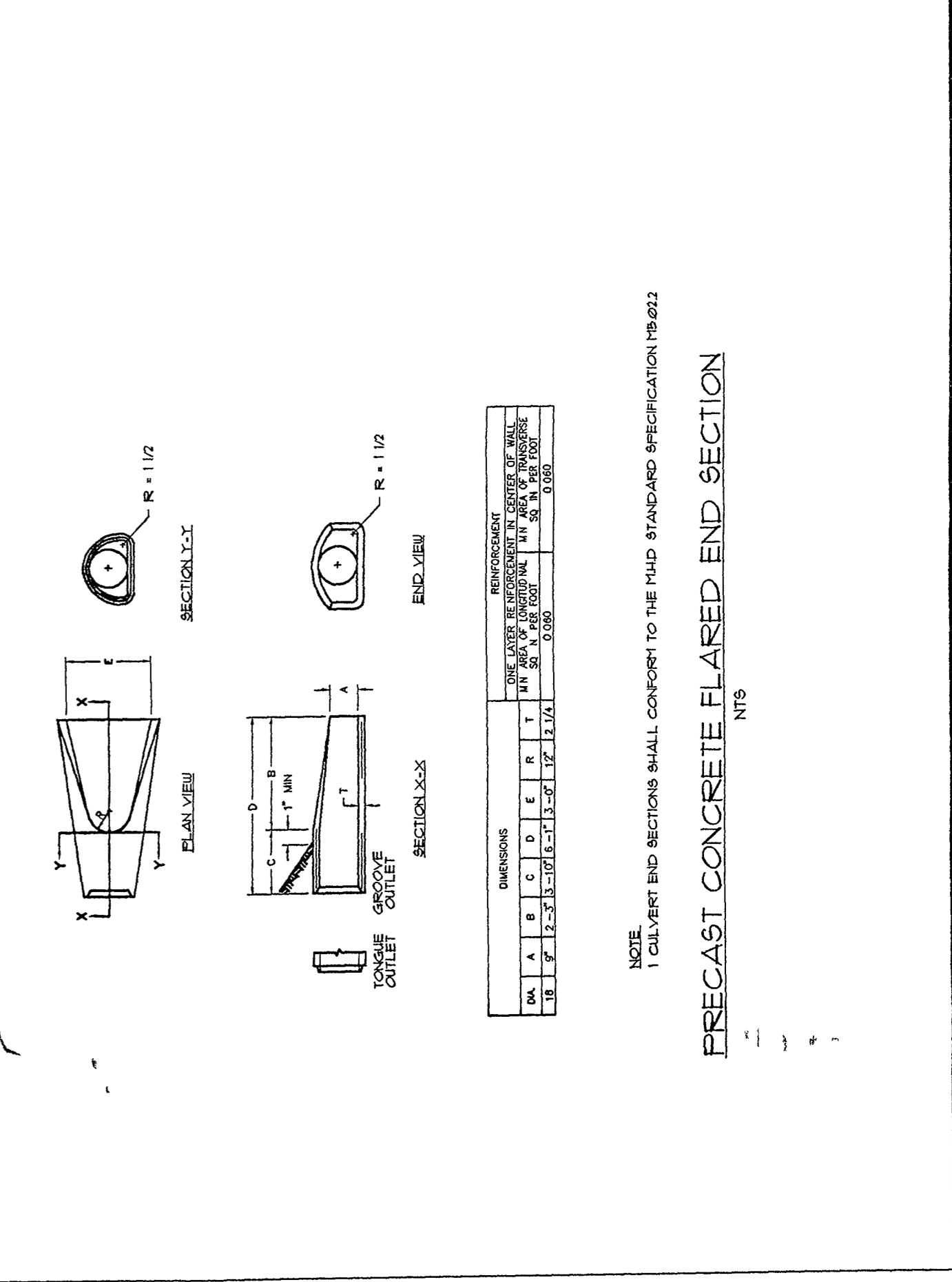
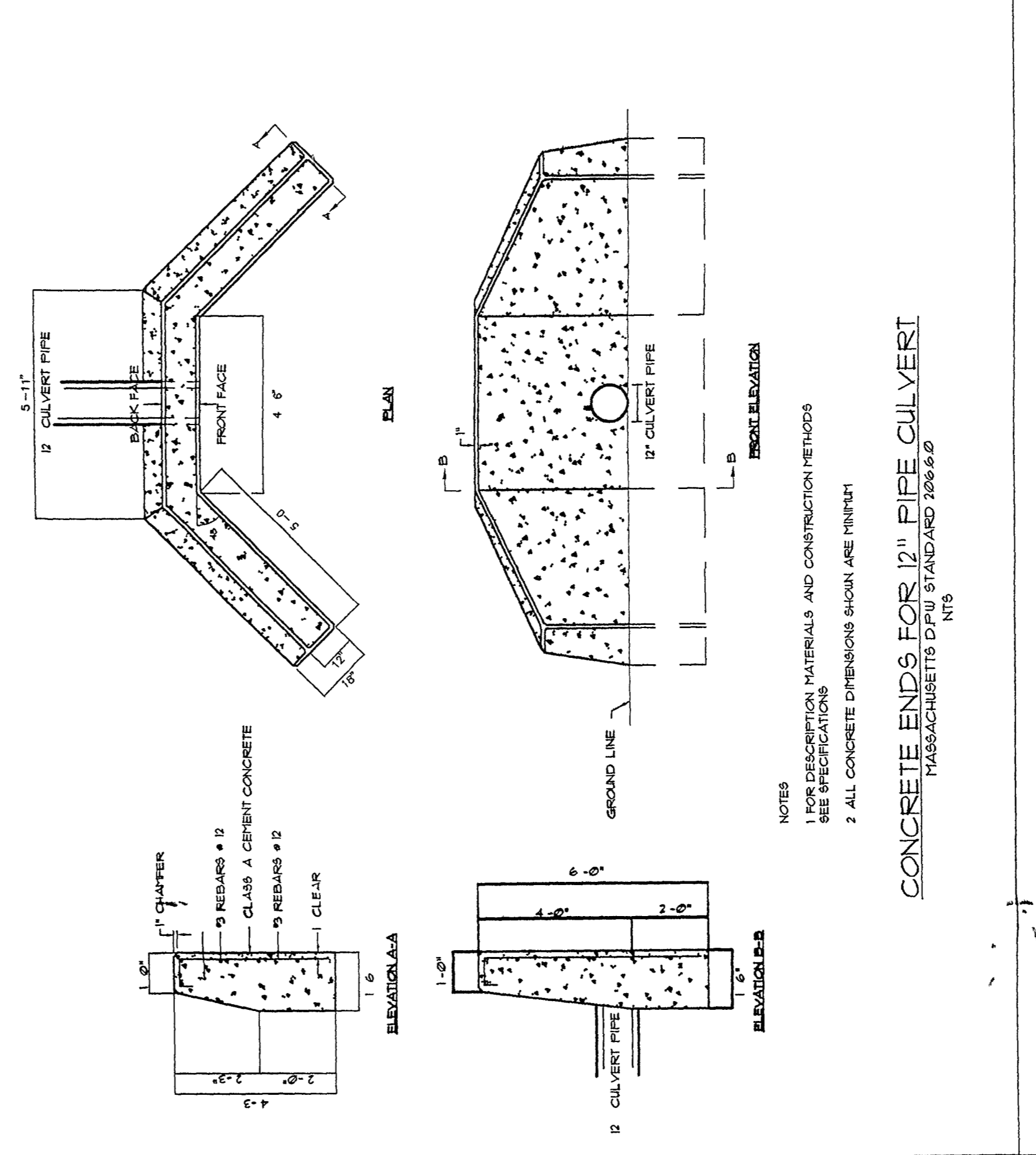
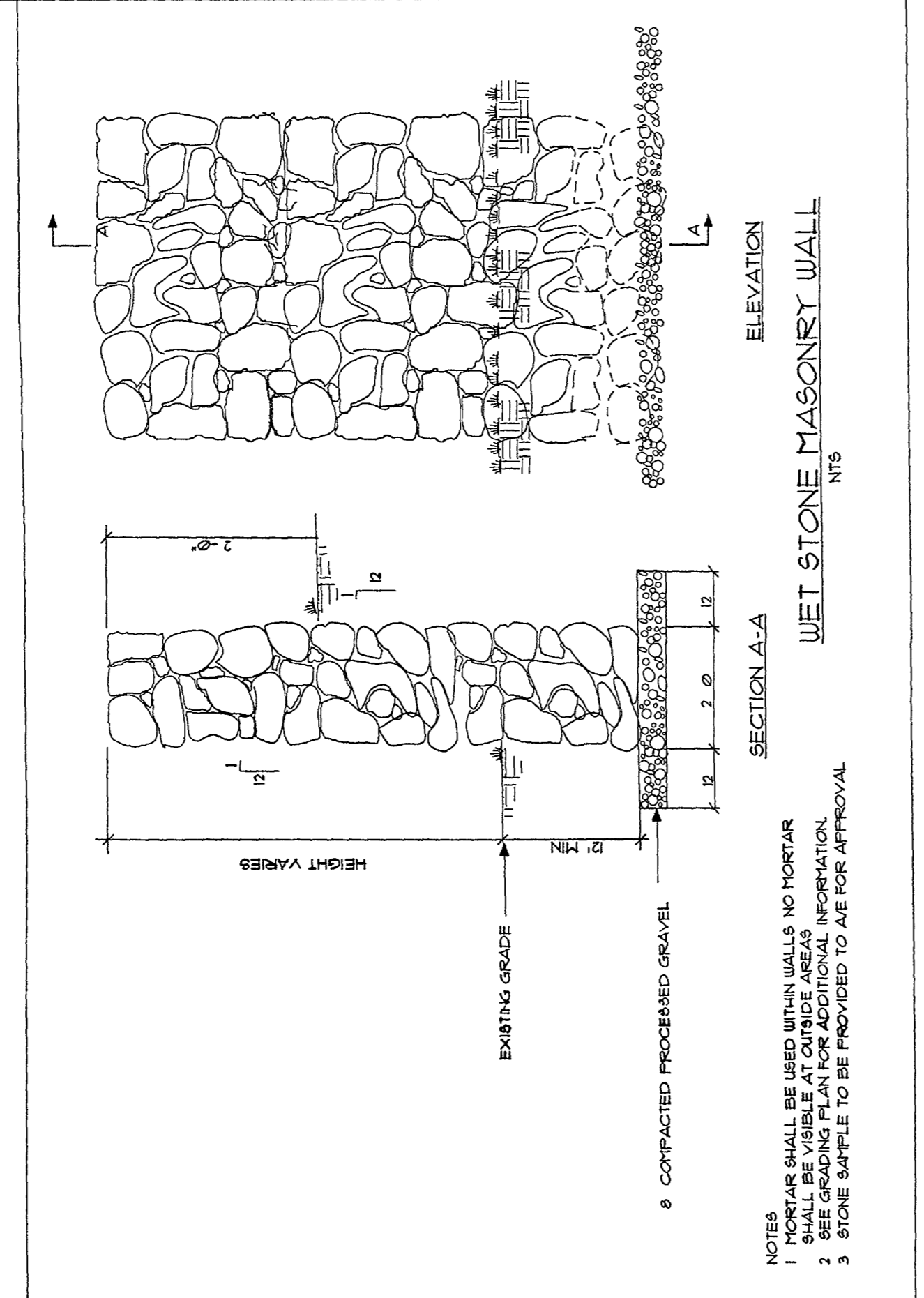
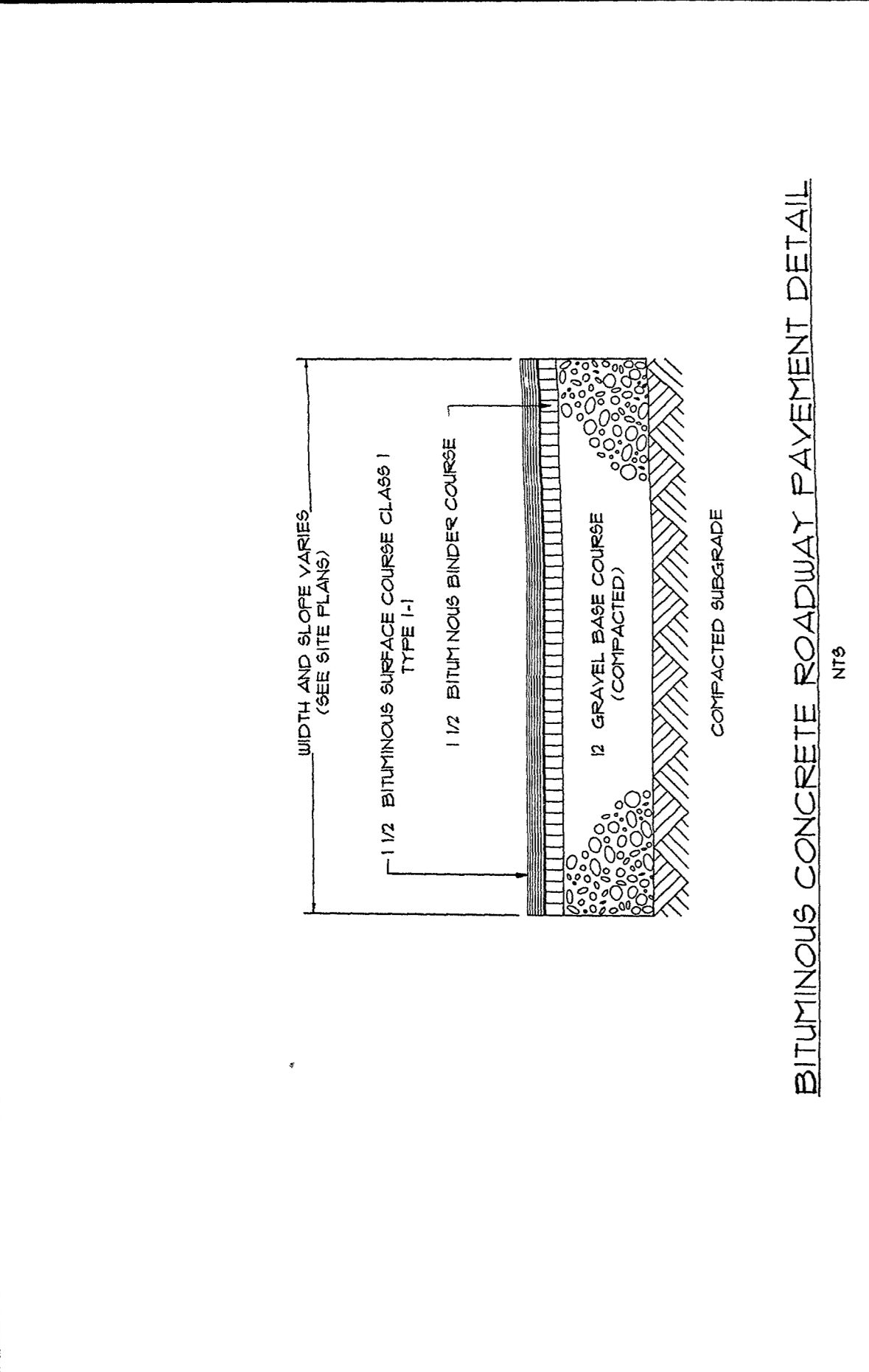
LEGEND

- WETLAND LINE
- ++++++ PROPOSED RETAINING WALL
- ⊕ PROPOSED TREES
- ⊗ PROPOSED SHRUBS
- PROPOSED SLOPE STABILIZATION



No	Date	Description

SCALE	NTS
DESIGNED	DWF
DRAWN	DM
CHECKED	DWF
FILE NAME	PHASE-1
PLOTTED	09/12/20
ISSUE DATE	09/14/20
JOB NO	C8000-1



ALTERNATE # 1

176.017

No	Date	Description

No	Date	Description

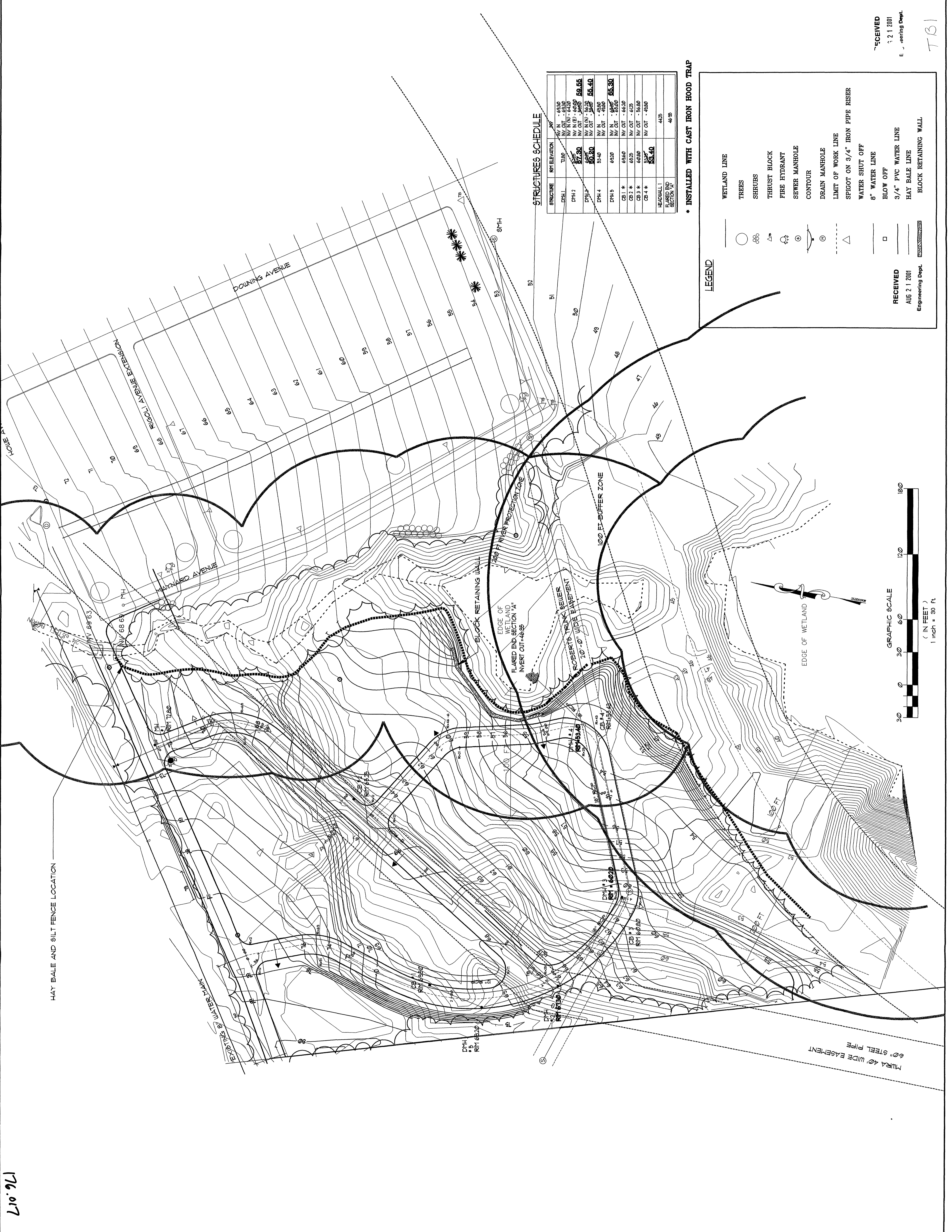
WALTHAM, MA
 PHASE II
 CEMETERY

SCALE: 1"=30'
 DESIGNED: DWF
 DRAWN: MD
 CHECKED: DWF
 FILE NAME: C0600SE-1
 PLOTTED: 12/07/00
 ISSUE DATE: 12/07/00
 JOB NO: C0600 02

STB ENGINEERING

AS BUILT PLAN
 AB-1

176.017



STRUCTURES SCHEDULE

STRUCTURE	RT ELEVATION	INVERT	INVERT	INVERT
DPH 1	70.80	INVERT - 68.50	INVERT - 68.50	INVERT - 68.50
DPH 2	67.50	INVERT - 66.50	INVERT - 66.50	INVERT - 66.50
DPH 3	66.50	INVERT - 65.50	INVERT - 65.50	INVERT - 65.50
DPH 4	55.40	INVERT - 45.00	INVERT - 45.00	INVERT - 45.00
CE 1 *	63.20	INVERT - 63.00	INVERT - 63.00	INVERT - 63.00
CE 2 *	62.50	INVERT - 62.50	INVERT - 62.50	INVERT - 62.50
CE 3 *	59.50	INVERT - 59.50	INVERT - 59.50	INVERT - 59.50
CE 4 *	58.40	INVERT - 48.00	INVERT - 48.00	INVERT - 48.00
LEADWALL 1	44.25	INVERT - 44.25	INVERT - 44.25	INVERT - 44.25
FLARED END SECTION 41	46.95	INVERT - 46.95	INVERT - 46.95	INVERT - 46.95

* INSTALLED WITH CAST IRON HOOD TRAP

LEGEND

- WETLAND LINE
- TREES
- SHRUBS
- THRUST BLOCK
- FIRE HYDRANT
- SEWER MANHOLE
- CONTOUR
- DRAIN MANHOLE
- LIMIT OF WORK LINE
- SPIGOT ON 3/4" IRON PIPE RISER
- WATER SHUT OFF
- 6" WATER LINE
- BLOW OFF
- 3/4" PVC WATER LINE
- HAY BALE LINE
- BLOCK RETAINING WALL

RECEIVED
 AUG 2 1 2001
 Engineering Dept.

RECEIVED
 AUG 2 1 2001
 Engineering Dept.



T-61



Old Singles- Section D:
Rows K through Z.

Old Singles- Section E:
Rows A through M.

**MT. FEAKE CEMETERY
WALTHAM, MA**