

TOWN OF GLASTONBURY

INVITATION TO BID

<u>BID #</u>	<u>ITEM</u>	<u>DATE &amp; TIME REQUIRED</u>
GL-2016-03	Wood Post and Beam Fence Installation	05-27-15 @ 11:00 a.m.

The Town of Glastonbury is currently seeking bids for the installation of wood post and beam fence at the following locations: Longo Farm Open Space, 2982 Hebron Avenue; Arbor Acres Open Space, 429 Marlborough Road; and Grayledge Open Space, located at the intersection of Marlborough Road and Diamond Lake Road in Glastonbury.

Bid Forms may be obtained from the Town's website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov) or at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033, (second level). **An optional pre-bid meeting and site walk will be held starting at Arbor Acres Open Space, 429 Marlborough Road, Glastonbury, CT on May 20, 2015 at 10:00 a.m. The group will travel to the Grayledge Open Space and Longo Farms Open Space sites from there.**

The Town reserves the right to waive informalities or reject any part of, or the entire bid, when said action is deemed to be in the best interest of the Town. All Sealed Bids must be submitted to the Office of the Purchasing Agent no later than the time and date indicated. All bids will be publicly opened and read.

The Town of Glastonbury is an Affirmative Action/Equal Opportunity Employer. Minority / Women / Disadvantaged Business Enterprises are encouraged to bid.

Mary F. Visone  
Purchasing

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**TOWN OF GLASTONBURY**  
**Wood Post and Beam Fence Installation**  
**INFORMATION FOR BIDDERS**

**BID #GL-2016-03**

1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut, 06033 (second level). At the designated time of opening, they will be publicly opened, read, recorded and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, the Town Manager, Purchasing Agent or designated representative shall waive informalities in any and all bids. The right is reserved to reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Glastonbury.
3. The award will be on the basis of the overall lowest bid total cost including the bidder's qualifications to perform the requirements of the services herein.
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. The envelope enclosing your bid should be clearly marked by bid number, time of bid opening, and date, bidder's company name and address.
6. Specifications must be submitted complete in every detail and, when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the bid.
8. Each Bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet these criteria shall not relieve the Bidder of the responsibility of completing the bid without extra cost to the Town of Glastonbury.
9. Any bid may be withdrawn prior to the above-scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and the date specified shall not be considered. No Bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a bid cannot be awarded within the specified period, the time may be extended by mutual agreement between the Town and the Bidder.
10. **THIS ITEM WAIVED:** Each bid must be accompanied by a bid bond payable to the Town for ten percent (10%) of the total amount of the bid. The bid bond of the successful Bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Glastonbury will not be liable for the accrual of any interest on any certified check submitted. Cashier's checks will not be accepted.
11. **THIS ITEM WAIVED:** A 100% Performance and Payment bond is required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bond will be returned upon the delivery and acceptance of the bid items.

12. The Bidder agrees and warrants that in the submission of this sealed Bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such Bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed Bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the Bidder. An Affirmative Action Statement will be required by the successful Bidder.
13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.
14. All correspondence regarding any purchase made by the Town of Glastonbury shall reference the Town purchase order number. Each shipping container shall clearly indicate both purchase order number and item number.
15. Bidder is required to review the Town of Glastonbury Code of Ethics adopted July 8, 2003 and effective August 1, 2003. Bidder shall acknowledge that they have reviewed the document in the area provided on the bid/proposal response page (BP). The selected Bidder will also be required to complete and sign an Acknowledgement Form prior to award. The Code of Ethics and the Consultant Acknowledgement Form can be accessed at the Town of Glastonbury website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov). Upon entering the website click **Bids & Proposals Icon** which will bring you to the links for the Code of Ethics and the Consultant Acknowledgement Form. If the Bidder does not have access to the internet, a copy of these documents can be obtained through the Purchasing Department at the address listed within this bid/proposal.
16. Non-Resident Contractors:  
Upon award the Town is required to report names of nonresident (out of state) Contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that Employment Taxes and other applicable taxes are being paid by Contractors. **A single surety bond for 5% of the entire contract price is required to be filed with DRS by any unverified nonresident prime or general contractor (if awarded) where the contract price for the project is \$250,000 or more.** The contractor will be required to promptly furnish to the Town a copy of the Form AU-968 - Certificate of Compliance issued by the State of Connecticut, DRS. See State of Connecticut Notice SN 2012 (2).
17. Bidder shall include on a sheet(s) attached to its proposal a complete disclosure of all past and pending mediation, arbitration and litigation cases that the bidder or its principals (regardless of their place of employment) have been involved in for the most recent five years. Please include a statement of the issues in dispute and their resolution. Acceptability of Bidder based upon this disclosure shall lie solely with the Town.
18. Bidder or its principals, regardless of their place of employment, shall not have been convicted of, nor entered any plea of guilty, or nolo contendere, or otherwise have been found civilly liable or criminally responsible for any criminal offense or civil action. Bidder shall not be in violation of

any State or local ethics standards or other offenses arising out of the submission of bids or proposals, or performance of work on public works projects or contracts.

19. The Town of Glastonbury is dedicated to waste reduction and the practice of using and promoting the use of recycled and environmentally preferred products. Bidders are encouraged to submit bid responses that are printed double-sided (except for the signed proposal page) on recycled paper, and to use paper dividers to organize the bid for review. All bid pages should be secured with a binder clip, staple or elastic band, and shall not be submitted in plastic binders or covers, nor shall the bid contain any plastic inserts or pages. We appreciate your efforts towards a greener environment.
20. Technical questions regarding this bid shall be made in writing and directed to Raymond E. Purtell, Director of Parks & Recreation, email [ray.purtell@glastonbury-ct.gov](mailto:ray.purtell@glastonbury-ct.gov). For administrative questions regarding this Bid, please contact Mary F. Visone, Purchasing Agent, email [purchasing@glastonbury-ct.gov](mailto:purchasing@glastonbury-ct.gov). All questions, answers, and/or addenda, as applicable will be posted on the Town's website at [www.glastonbury-ct.gov](http://www.glastonbury-ct.gov). (Upon entering the website click on Bids & Proposals). The request must be received at least three (3) business days prior to the advertised response deadline. **It is the respondent's responsibility to check the website for addenda prior to submission of any bid/proposal.**

**IMPORTANT:**

- **Failure to comply with general rules may result in disqualification of the Bidder.**
- **Municipal projects are exempt from Federal Excise Taxes, as well as, State of Connecticut Sales, Use and Service Taxes and should not be included in the Bidder's proposal.**

**TOWN OF GLASTONBURY**  
**Wood Post and Beam Fence Installation**  
**GENERAL CONSTRUCTION SPECIFICATIONS**

**BID #GL-2016-03**

1. Workmanship, Materials and Employees:
  - a) Wherever in this contract the word "Engineer" is used, it shall be understood as referring to the Director of Parks and Recreation of the Town of Glastonbury acting personally or through any assistants duly authorized.
  - b) The entire work described herein shall be completed in accordance with the plans and specifications to the full intent and meaning of the same.
  - c) The Contractor shall at all times enforce strict discipline and good order among his employees, and shall seek to avoid employing on the work any unfit person or anyone not skilled in the work assigned to him.
2. Superintendent: The Contractor shall keep on the work during its progress, in the absence of the Contractor, a competent Superintendent. The Superintendent shall be acceptable to the Engineer and shall fully represent the Contractor. All directions given to the Superintendent shall be binding as if given to the Contractor.
3. Preconstruction Meeting: A Preconstruction Meeting will be held with the Engineer, Contractor, and any private utility company prior to commencing any work. It will be the obligation of the Contractor to arrange such a meeting.
4. Permits: All permits, licenses, and fees required for the performance of the contract work, except for those described in the Detailed Construction Specifications, shall be secured and paid for by the Contractor.
5. Property Access:
  - a) The Contractor shall take all proper precautions to protect from injury or unnecessary interference, and provide proper means of access to abutting property where the existing access is cut off by the Contractor.
  - b) The Contractor shall take all proper precautions to protect persons from injury or unnecessary inconvenience and leave an unobstructed way along the public and private places for travelers, vehicles, and access to hydrants.
  - c) The Contractor shall make arrangements with the adjacent property owners for such trespass as he may reasonably anticipate in the performance of the work. All such arrangements shall be reported in writing to the Engineer.
6. Protection of the Public and of Work and Property:
  - a) The Contractor shall continuously maintain adequate protection of all work from damage, and shall take all reasonable precautions to protect the Town from injury or loss arising in connection with the Contract.
  - b) The Contractor shall adequately protect adjacent private and public property.
  - c) The Contractor shall make good any damage, injury, or loss of his work and to the property of the Town resulting from lack of reasonable protective precautions.

7. Existing Improvements: The Contractor shall conduct his work so as to minimize damage to existing improvements. Except where specifically stated otherwise in the specifications, drawings, or as directed by the Engineer, it will be the responsibility of the Contractor to restore to their original condition, as nearly as practical, all improvements on public property.
8. Separate Contracts: The Engineer reserves the right to let other contracts in connection with this work. The Contractor shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work, and shall properly connect and coordinate his work with theirs. Wherever work being done by the Town of Glastonbury's forces or by other contractors is contiguous to work covered by this Contract, the respective rights of the various interests involved shall be established by the Engineer to secure the completion of the various portions of the work.
9. Inspection of Work:
  - a) The Town shall provide sufficient personnel for the inspection of the work.
  - b) The Engineer shall at all times have access to the work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access and for inspection.
  - c) If the specifications or the Engineer's instructions require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection and, if the inspection is by another authority other than the Engineer, of the date fixed for such inspection. Inspections by the Engineer shall be made promptly. If any work should be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination and properly restored at the Contractor's expense.
  - d) Re-inspection of any work may be ordered by the Engineer. If such work is found to be in accordance with the Contract Documents, the Town shall pay the cost of re-inspection and replacement. If such work is not in accordance with the Contract Documents, the Contractor shall pay such cost.
10. Right to Increase or Decrease Work: The Town shall have the right to increase or decrease the amount of work herein specified as may be required.
11. Right of Engineer to Stop Work for Weather Conditions: Should the work, in the opinion of the Engineer, be in danger by reason of inclemency of weather, or could not be finished in time to prevent such danger, the Contractor shall cease operations upon order of the Engineer, and shall not resume them until ordered to do so by the Engineer when the weather conditions are favorable. The Contractor shall, upon such orders, discontinue work, remove all materials or appliances for or in use upon the work, and place the property in proper condition during the time the work is suspended as herein provided, without cost to the Town.
12. Contractor to be Responsible for Imperfect Work or Materials: Any unfaithful work or imperfect material shall be corrected upon the order of the Engineer. The acceptance and payment of the work does not in any manner relieve the Contractor of his obligation to perform the work in the proper manner herein specified.

13. Town May Notify Contractor if Work is not Carried on Satisfactorily:
- a) If, in the opinion of the Engineer, the Contractor is not proceeding with the work at a sufficient rate of progress so as to finish in the time specified, or has abandoned said work, or is not complying with the terms and stipulations of the Contract and specifications, the Engineer may serve notice on the Contractor to adopt such methods as will insure the completion of the work in the time specified.
  - b) If, within five (5) days after the Engineer has notified the Contractor that his work is not being carried on satisfactorily as before mentioned, the Engineer shall have the right to annul the Contract and manage the work under the direction of the Engineer, or re-let, for the very best interest of the Town as a new contract, the work under said new Contract shall be considered the responsibility of the defaulting Contractor.
14. Deductions for Uncorrected Work:
- a) If the Engineer deems it inexpedient to correct work that has been damaged or that was not done in accordance with the Contract, an equitable deduction from the Contract price shall be made therefore.
  - b) The Contractor shall promptly replace and re-execute his own work in accordance with the Contract and without expense to the Town.



1. SCOPE OF WORK:

Arbor Acres Open Space

Furnish and install forty-eight (48) 10" x 10" timber posts and one chain gate as depicted on the "Plan Depicting Proposed Arbor Acres Parking Lot at 429 Marlborough Road, Glastonbury CT" Sheet 1 of 2 and Sheet 2 of 2 Details."

Longo Farm

Furnish and install approximately eighty (80) linear feet of timber post and guide rail and one chain gate as depicted on the "Plan Depicting Proposed Access Drive for Longo Parcel located at 2982 Hebron Avenue, Glastonbury, CT, Sheet 1 of 2 and Sheet 2 of 2."

Grayledge Open Space

Furnish and install sixty-seven 10" x 10" solid wood posts and one chain gate as depicted on the "Plan Depicting Proposed Parking Lot for Grayledge Open Space, Marlborough Road, Glastonbury, CT, Sheet 1 of 2 and 2 of 2 Details."

All posts to be 0.4 CCA pressure treated southern yellow pine at all locations.

2. PROJECT LOCATIONS:

Arbor Acres Open Space – 429 Marlborough Road

Longo Farm – 2982 Hebron Avenue

Grayledge Open Space – Intersection of Marlborough Road and Diamond Lake Road

3. TOWN PROJECT COORDINATION:

Wherever in this contract the word "Engineer" is used, it shall be understood as referring to Raymond E. Purtell, Director of Parks and Recreation of the Town of Glastonbury acting personally or through any assistants duly authorized in writing. All correspondence and questions shall be directed to Raymond E. Purtell, Director of Parks and Recreation, 2155 Main Street, Glastonbury , CT 06033; [ray.purtell@glastonbury-ct.gov](mailto:ray.purtell@glastonbury-ct.gov)

4. USE OF GROUNDS BY OWNER:

Each site will continue to function throughout the construction period. All work must be coordinated with the Director of Parks and Recreation in advance.

5. TIME FOR COMPLETION:

All work which the Contractor is required to perform under this Contract will be completed no later than June 30, 2015. The specific work schedule shall be arranged with the owner and the fence installation will follow the work of other trades.

**6. USE OF PREMISES:**

The Contractor shall confine his apparatus, storage materials, supplies, equipment, and operations to areas identified for this purpose by the Engineer.

**7. PRE-BID SITE INSPECTION:**

Each Contractor shall familiarize himself with the site and its conditions prior to submitting a bid proposal. An optional pre-bid inspection will be held at the site on May 20, 2015 at 10:00 a.m. Interested Contractors should meet at the Arbor Acres Open Space, 429 Marlborough Road, Glastonbury. From there the group will travel to the Grayledge Open Space and Longo Farms Open Space sites.

**8. GUARANTEE:**

The Contractor and each Subcontractor shall guarantee that all materials and workmanship shall be free from original defects or against injury from proper and usual wear, when used for purposes intended, for one year after date of final certificate.

If, in the Contractor's opinion, any work is called for in the Specifications in such manner as to make it impossible to produce and guarantee a first-class piece of work, the Contractor shall refer the same to the Engineer before proceeding.

**9. EXISTING IMPROVEMENTS:**

The Contractor shall make certain on the exact location of all underground utilities prior to excavation.

**10. BASIS FOR PAYMENT:**

This work shall be paid for at the contract lump sum price for each item upon satisfactory completion of the work.

**11. PROTECTION:**

The Contractor shall be solely responsible for damage, loss or liability, due to the theft or vandalism when work is not in progress at night, weekends, or holidays. The Contractor is advised that the potential for vandalism is high, and every precaution should be taken to protect completed work until final acceptance by the Owner.

**12. APPROVED EQUALS:**

Vendors proposing to use products different than those specified for consideration as an "approved equal" must submit documentation that clearly indicates that the alternative product(s) either meet or exceed those specified. The documentation must be submitted with the written price bid. The Town reserves the right to reject bids that do not comply with this requirement.

**PART ONE – GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. Section Includes:
  - 1. Timber Guide Rail
  - 2. Chain Gate

**1.3 SUBMITTALS**

- A. Wood Treatment Data: Submit certification by treating plant indicating chemicals and process used and compliance with specified requirements and all governing ordinances.

**1.4 REFERENCES**

- A. American Wood Preservers Association (AWPA) Standards:
  - 1. AWPA Analytical Standards A2-98, A3-00, A9-00, A-16-93, A17-97, A18-99.
  - 2. AWPA Commodity Standards C1-00, C2-00, C4-99, C5-00, C9-00, C15-00, C17-00, C22-00.
  - 3. Preservative Standard P5-01.
- B. Form 816-2004, State of Connecticut Standard Specifications for Roads, Bridges, and Incidental Construction.

**1.5 QUALITY ASSURANCE**

- A. Wood Treatment: Comply with American Wood Preserves Association (AWPA) standards for wood preservative treatment scheduled.
- B. Grade Mark: All lumber shall be grade marked by an agency accredited by the American Lumber Standard Committee (ALSC).
- C. Quality Mark: All copper quaternary preservative-treated wood members shall bear an end tag or permanent ink stamp indicating the following:
  - 1. Name of wood treating company.
  - 2. Treatment plant city and state.
  - 3. Symbol for alkaline copper quaternary (ACQ).
  - 4. Preservative retention level.
  - 5. Approved use.
  - 6. Code report number.

**1.6 DELIVERY, STORAGE AND HANDLING**

- A. Keep materials dry during delivery and site storage. Stack materials above ground to ensure proper drainage and ventilation. Protect from moisture, weather damage and deterioration.

**1.7 PROJECT CONDITIONS**

- A. Do not install guiderail prior to completion of grading.
- B. Allowable Tolerances: Guiderail shall not deviate more than ½” in line to grade in each section.

**PART TWO – PRODUCTS**

**2.1 TIMBERS**

- A. Rough sawn, No. 2 or better Southern Yellow Pine timbers.
- B. AWWPA grade stamped for ground contact with 0.40 lbs., p.c.f. retention of waterborne ACQ-C preservative.
- C. Timbers shall be properly seasoned when dressed and at time of treatment to 20% maximum moisture content.
- D. Air or kiln dry after treatment.

**2.2 CARRIAGE BOLTS**

- A. Conform to CDOT Form 816-2004, Article M.10.02-06. Hot-dipped galvanized in conformance with ASTM A153, Class D. Size: ½” diameter.

**2.3 CHAIN**

- A. 5/16” galvanized polymer-coated proof coil chain.
  - 1. Color: Safety Yellow.

**2.4 REFLECTIVE MARKER:**

- A. #19405 reflective marker manufactured by Seton Nameplate, Branford, CT (800-243-6624). Size: 8” x 24”. Fabricate with mounting holes in upper corners. Provide with galvanized s-hooks.

**2.5 PADLOCKS:** Will be furnished by the Owner.

**2.6 CONCRETE:** CDOT Form 816, Article M.03.01, Class “C”.

**PART THREE – EXECUTION**

**3.1 INSTALLATION**

- A. Drill poste holes into firm undisturbed or thoroughly compact soil. The bottoms of dug holes shall be thoroughly rammed so that the posts have a stable foundation. Backfill for all dug holes shall be approved material and is to be machine-tamped in 4-inch layers in such a way as not to shift the posts from the correct alignment. Gate posts shall be set in concrete as detailed.
- B. Align each post both vertically and laterally. Secure in position during backfilling operations. Posts shall be set at a constant vertical alignment above finished grade. Posts shall be set at a constant distance from edges of pavement.
- C. Install rails as detailed. Notch posts to product tightly fitted joints. Predrill holes, and install carriage bolts with double washers. Draw nut tight, cut excess bolt length, and weld or peen threads to prevent removal of nut.
- D. Smoothly finish grade around posts to prepare for replacement conditions. Do not allow water to stand adjacent to post bases.
- E. Install hook bolts and chain gates.

**3.2 FINISHING**

- A. Exposed edges of all timbers shall be chamfered ½” and lightly sanded to produce eased edges.

**3.3 CLEANING**

- A. Clean up debris and cuttings on a regular periodic basis.
- B. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, debris, tools, and equipment. Repair damage resulting from rough carpentry work.
- C. Dispose of all treated waste lumber in a satisfactory legal manner.

INSURANCE

The Bidder shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverage covering the Bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town of Glastonbury and its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Bidders Commercial General Liability and Automobile Liability policies. All policies shall contain a waiver of subrogation. **These requirements shall be clearly stated in the remarks section on the Bidder's Certificate of Insurance.** Insurance shall be written with insurance carriers approved in the State of Connecticut and with a minimum Best's Rating of A-VIII. In addition, all carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

1) Worker's Compensation Insurance:

- Statutory Coverage
- Employer's Liability
- \$500,000 each accident/\$500,000 disease-policy limit/\$500,000 disease each employee
- A Waiver of Subrogation shall be provided

2) Commercial General Liability:

- Including Premises & Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors.
- Limits of Liability for Bodily Injury and Property Damage  
Each Occurrence \$1,000,000  
Aggregate \$2,000,000 (The Aggregate Limit shall apply separately to each job.)
- A Waiver of Subrogation shall be provided

3) Automobile Insurance:

- Including all owned, hired, borrowed and non-owned vehicles
- Limit of Liability for Bodily Injury and Property Damage:  
Per Accident \$1,000,000
- A Waiver of Subrogation shall be provided

The Bidder shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Contractor shall be responsible to notify the Town 60 days in advance with written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured on the General Liability and Auto Liability policies. The Bidder shall provide the Town copies of any such insurance policies upon request.

INDEMNIFICATION

To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Town of Glastonbury and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) to the extent arising out of or resulting from the performance of the Bidder's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Bidder, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Bidder to perform or furnish either of the services, or anyone for whose acts the Bidder may be liable.

**LIST OF DRAWINGS**

**Greyledge Open Space**

**Sheet 1 of 3**

Plan Depicting Proposed Parking Lot for  
Greyledge Open Space  
Marlborough Road  
Glastonbury, Connecticut

**Sheet 2 of 3**

Details Proposed Parking Lot for  
Greyledge Open Space  
Marlborough Road  
Glastonbury, Connecticut

**Sheet 3 of 3**

Details Proposed Parking Lot for  
Greyledge Open Space  
Marlborough Road  
Glastonbury, Connecticut

**Longo Farm Open Space**

**Sheet 1 of 2**

Plan Depicting Proposed Access Drive for  
Longo Parcel  
2982 Hebron Avenue  
Glastonbury, Connecticut

**Sheet 2 of 2**

Cross Sections Depicting Proposed Access Drive for  
Longo Parcel  
Located at  
2982 Hebron Avenue  
Glastonbury, Connecticut

**Arbor Acres Open Space**

**Sheet 1 of 2**

Plan Depicting Proposed Arbor Acres Parking Lot located at  
429 Marlborough Road  
Glastonbury, Connecticut

**Sheet 2 of 2**

Details Depicting Proposed Arbor Acres Parking Lot located at  
429 Marlborough Road  
Glastonbury, Connecticut



TOWN OF GLASTONBURY \* 2155 MAIN STREET \* GLASTONBURY \* CT

BID / PROPOSAL NO: GL-2016-03 DATE DUE: MAY 27, 2015

DATE ADVERTISED: MAY 12, 2015 TIME DUE: 11:00 AM

NAME OF PROJECT: WOOD POST AND BEAM FENCE INSTALLATION

DESCRIPTION: Installation of wood post and beam fencing at three locations as described in bid.

TOTAL OF BID: \$ \_\_\_\_\_  
(Numeric Amount)

\_\_\_\_\_  
(Written Amount)

In compliance with this Invitation to Bid, the Bidder hereby proposes to provide goods and/or services as per this solicitation in strict accordance with the Bid Documents, within the time set forth therein, and at the prices submitted with their bid response.

It is the responsibility of the Bidder to clearly mark the outside of the bid envelope with the Bid Number, Date and Time of Bid Opening, and it also THE RESPONSIBILITY OF THE BIDDER TO CHECK THE TOWN'S WEBSITE BEFORE SUBMITTING BID FOR ADDENDA POSTED PRIOR TO BID OPENING.

**THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA AS REQUIRED:**

Addendum #1 \_\_\_\_\_ (Initial/Date) Addendum #2 \_\_\_\_\_ (Initial/Date) Addendum #3 \_\_\_\_\_ (Initial/Date)

**CODE OF ETHICS:**

I / We have reviewed a copy of the Town of Glastonbury's Code of Ethics and agree to submit a Consultant Acknowledgement Form if I /We are selected. Yes \_\_\_\_\_ No \_\_\_\_\_ \*

\*Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the bidder has not agreed to the above statement.

\_\_\_\_\_  
Print Name, Title of Individual

\_\_\_\_\_  
Doing Business as (Trade Name)

\_\_\_\_\_  
Signature of Individual

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip Code

\_\_\_\_\_  
E:mail Address

\_\_\_\_\_  
Telephone Number / Fax Number

(Seal – If bid is by a Corporation)

Attest



FILE: H:\DWG\Sheet\Hebron - A\WP\0923 Longo Farm Access Improvements\Longo Driveway Elevation.dwg USER: S.Troy DATE: 9/1/2015

Access Drive/Town of Glastonbury PROJECT/APPLICANT	Rural Residence ZONE
2982 Hebron Avenue PROJECT ADDRESS	
SPECIAL PERMIT SECTION	TPZ CHAIRPERSON
DATE SPECIAL PERMIT APP'D DIRECTOR OF COMMUNITY DEVELOPMENT	
FILE NO.	



**Town of Glastonbury**  
2155 MAIN STREET • P.O. BOX 6523 • GLASTONBURY, CONNECTICUT 06033-6523

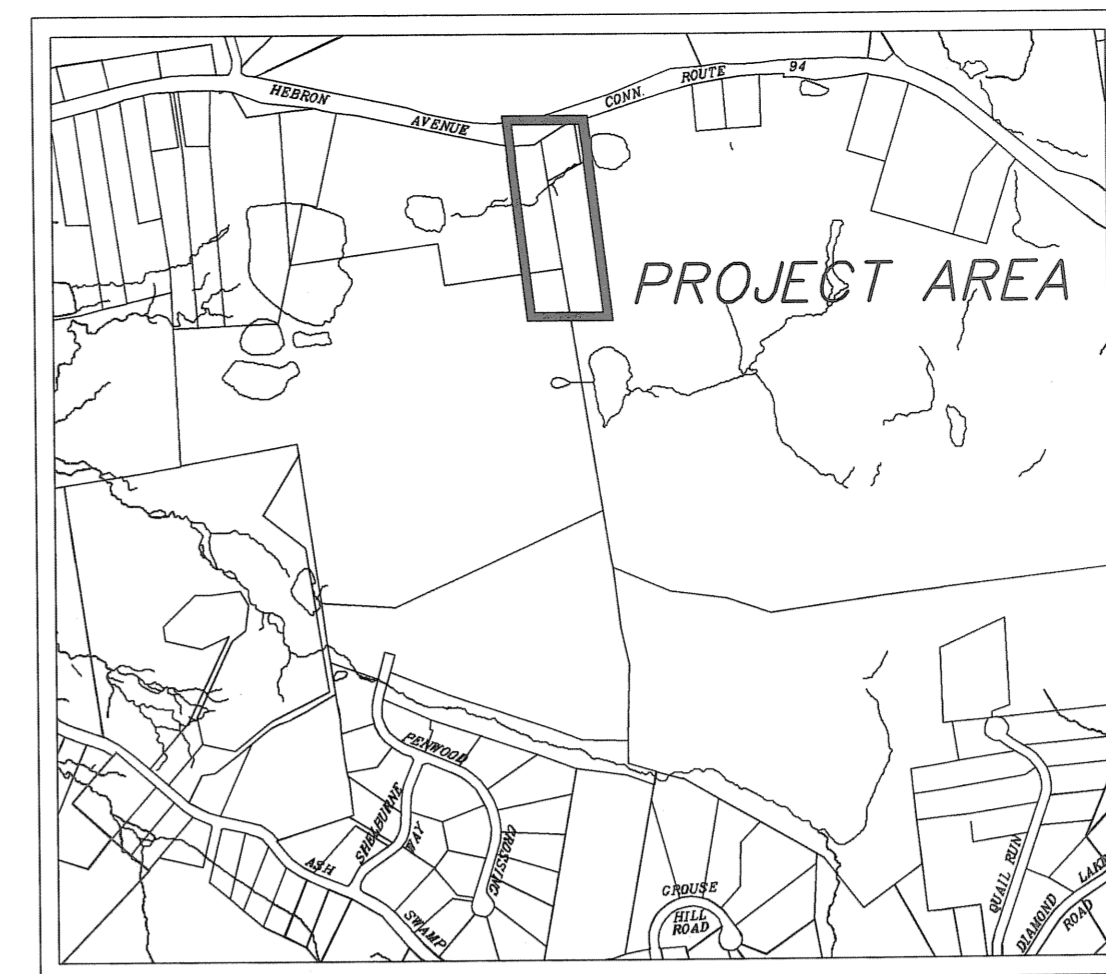
TOWN PLAN AND ZONING COMMISSION SECTION 12.9 MINOR CHANGE  
OWNER/APPLICANT: TOWN OF GLASTONBURY  
2155 MAIN STREET  
GLASTONBURY, CT 06033  
FOR: 2982 HEBRON AVENUE

MOVED, that the Town Plan and Zoning Commission approve a Section 12.9 Minor Change – driveway and parking improvements – Minnechaug Farm Open Space – 2982 Hebron Avenue – Rural Residence Zone, in accordance with the following plan:

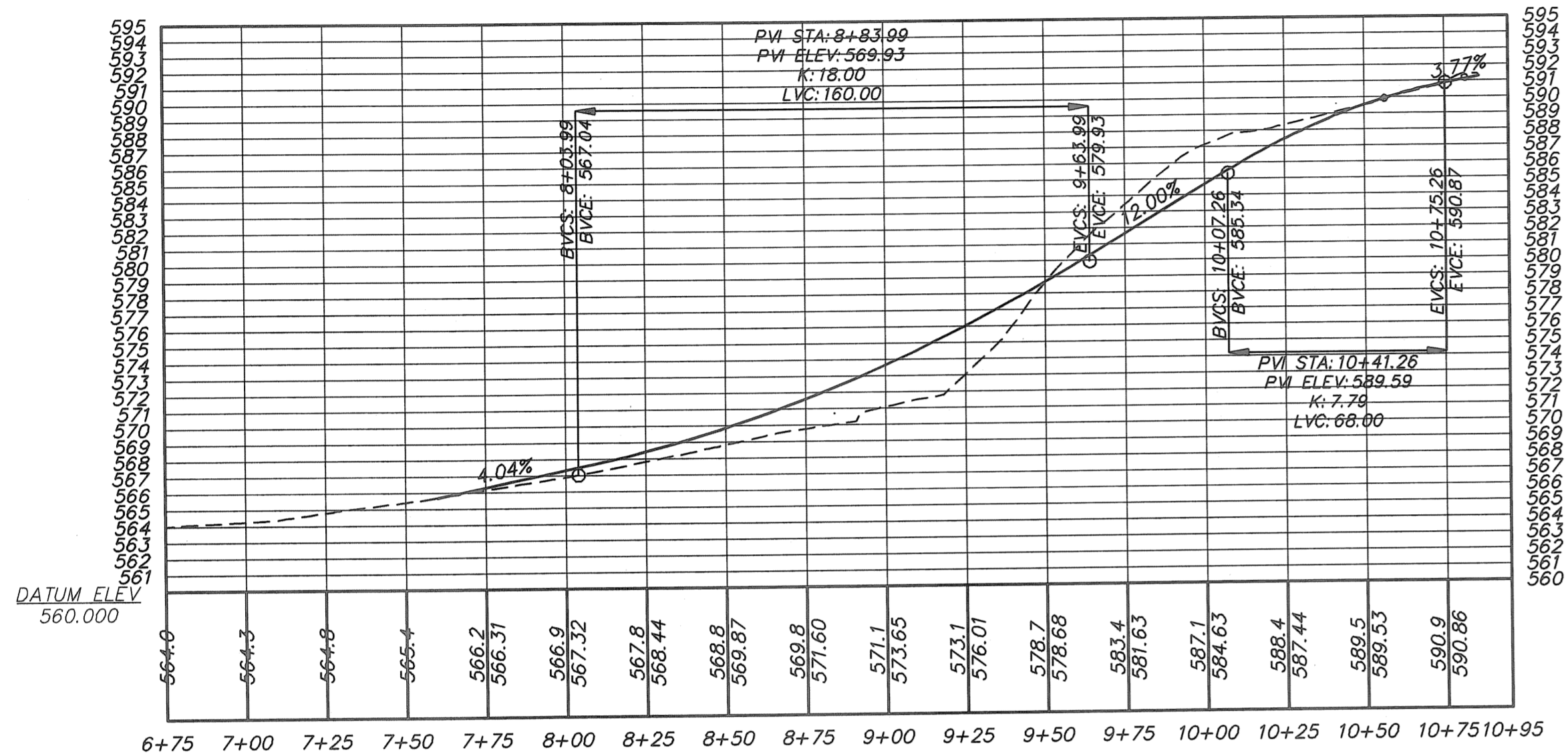
"PLAN DEPICTING PROPOSED ACCESS DRIVE FOR LONGO PARCEL LOCATED AT 2982 HEBRON AVENUE GLASTONBURY, CONNECTICUT TOWN OF GLASTONBURY ENGINEERING SCALE: AS SHOWN DRAWN BY: S. TROY DATE: 6-23-2010 CHECKED BY: S.M.B. APPROVED BY: D.A.P. DRAWING ISSUE STATUS NO.1. ISSUED FOR PERMITTING 6-23-2010 SHEET NO. 1 OF 2"

APPROVED: TOWN PLAN & ZONING COMMISSION  
AUGUST 17, 2010

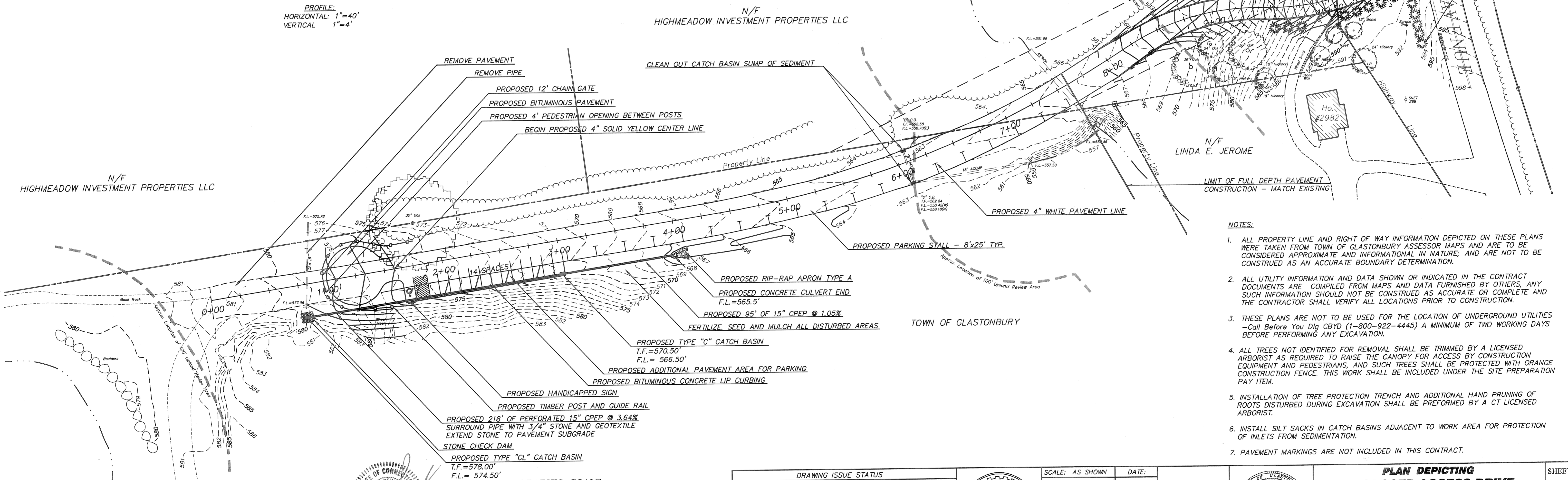
*Sharon M. Jagel*  
SHARON M. JAGEL CHAIRMAN



LOCATION MAP  
SCALE: 1" = 100'



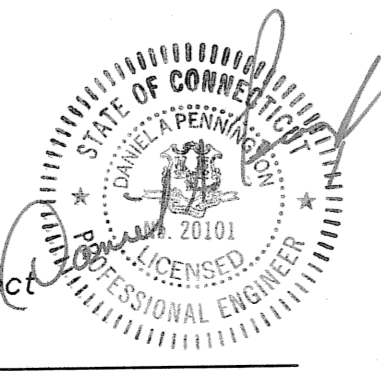
PROFILE:  
HORIZONTAL: 1" = 40'  
VERTICAL: 1" = 4'



**NOTES:**

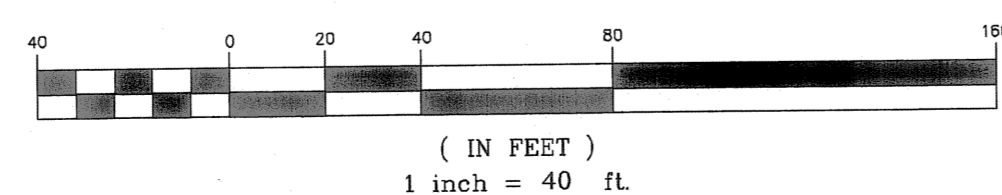
1. ALL PROPERTY LINE AND RIGHT OF WAY INFORMATION DEPICTED ON THESE PLANS WERE TAKEN FROM TOWN OF GLASTONBURY ASSESSOR MAPS AND ARE TO BE CONSIDERED APPROXIMATE AND INFORMATIONAL IN NATURE; AND ARE NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY DETERMINATION.
2. ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM MAPS AND DATA FURNISHED BY OTHERS, ANY SUCH INFORMATION SHOULD NOT BE CONSTRUED AS ACCURATE OR COMPLETE AND THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION.
3. THESE PLANS ARE NOT TO BE USED FOR THE LOCATION OF UNDERGROUND UTILITIES - Call Before You Dig CBYD (1-800-922-4445) A MINIMUM OF TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION.
4. ALL TREES NOT IDENTIFIED FOR REMOVAL SHALL BE TRIMMED BY A LICENSED ARBORIST AS REQUIRED TO RAISE THE CANOPY FOR ACCESS BY CONSTRUCTION EQUIPMENT AND PEDESTRIANS, AND SUCH TREES SHALL BE PROTECTED WITH ORANGE CONSTRUCTION FENCE. THIS WORK SHALL BE INCLUDED UNDER THE SITE PREPARATION PAY ITEM.
5. INSTALLATION OF TREE PROTECTION TRENCH AND ADDITIONAL HAND PRUNING OF ROOTS DISTURBED DURING EXCAVATION SHALL BE PERFORMED BY A CT LICENSED ARBORIST.
6. INSTALL SILT SACKS IN CATCH BASINS ADJACENT TO WORK AREA FOR PROTECTION OF INLETS FROM SEDIMENTATION.
7. PAVEMENT MARKINGS ARE NOT INCLUDED IN THIS CONTRACT.

Certified to be substantially correct

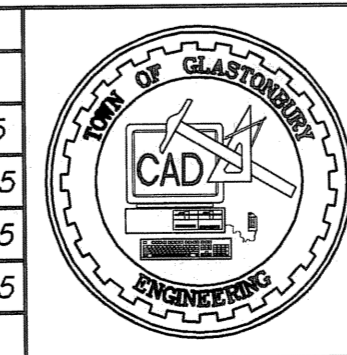


DANIEL A. PENNINGTON P.E. Reg. No. 20101

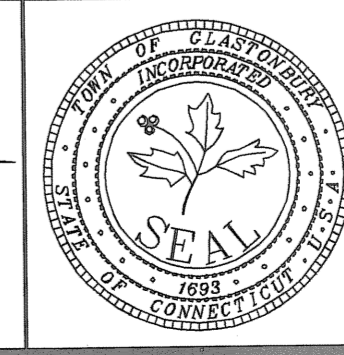
GRAPHIC SCALE



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
1.	ISSUED FOR CONSTRUCTION	2-18-2015
2.	REVISE SIGN LOCATION, ADD SIGN DETAIL	4-13-2015
3.	REVISE DRAINAGE, PARK SIGN LOCATION	4-29-2015
4.	REVISED GATE TO CHAIN GATE	5-6-2015



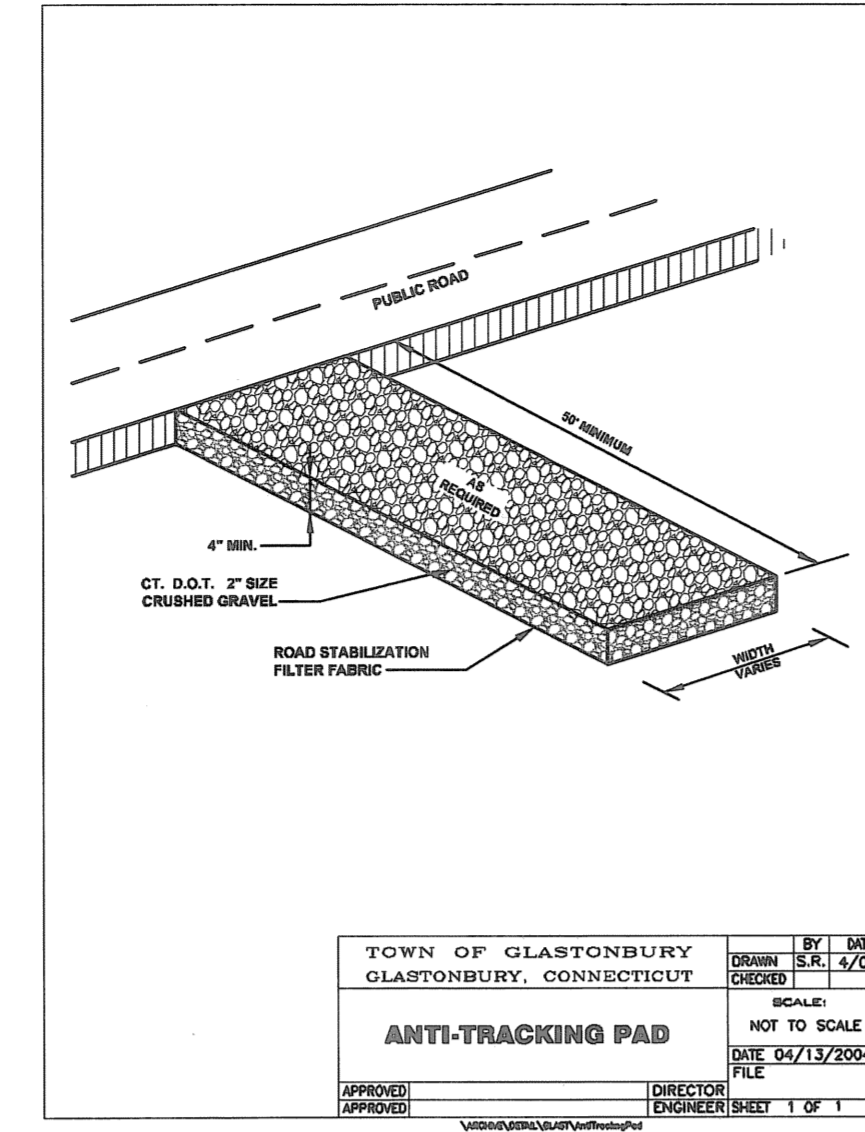
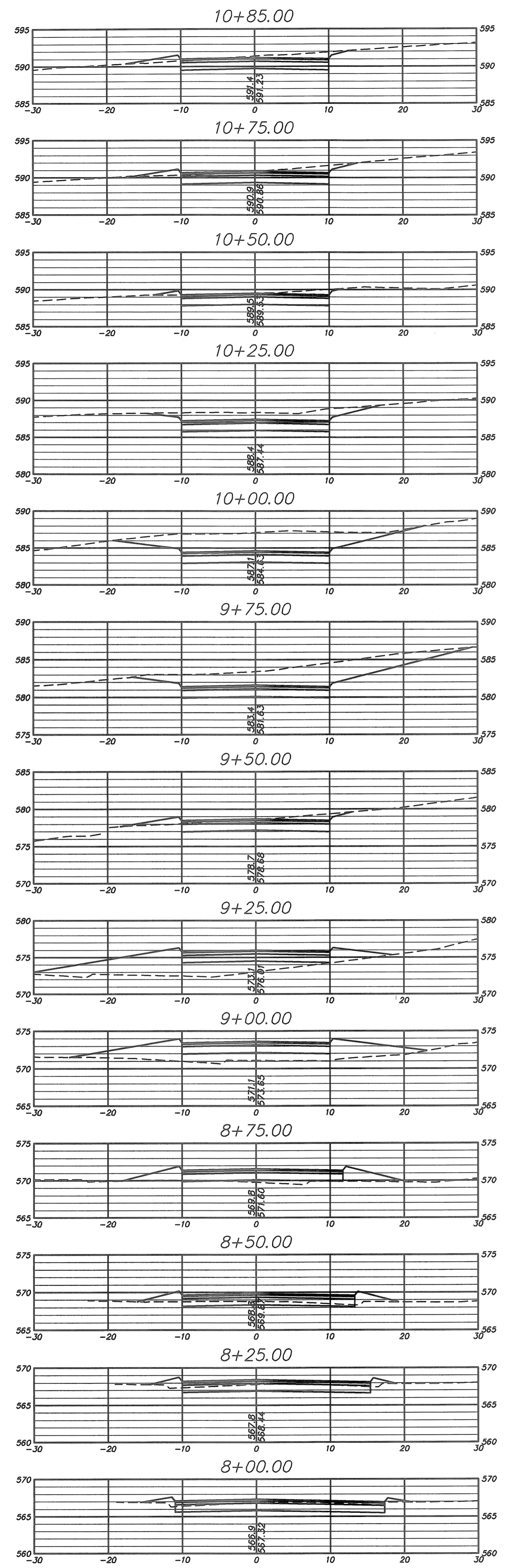
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DRAWN BY: S.Troy	6-23-2010
CHECKED BY: S.M.B.	2-18-2015
APPROVED BY: D.A.P.	2-18-2015
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



**PLAN DEPICTING  
PROPOSED ACCESS DRIVE  
for  
LONGO PARCEL  
located at  
2982 HEBRON AVENUE  
GLASTONBURY, CONNECTICUT**

SHEET NO.  
**1**  
OF 2

PW 0923



TOWN OF GLASTONBURY  
GLASTONBURY, CONNECTICUT

**ANTI-TRACKING PAD**

SCALE: NOT TO SCALE

DATE: 5/11/2015

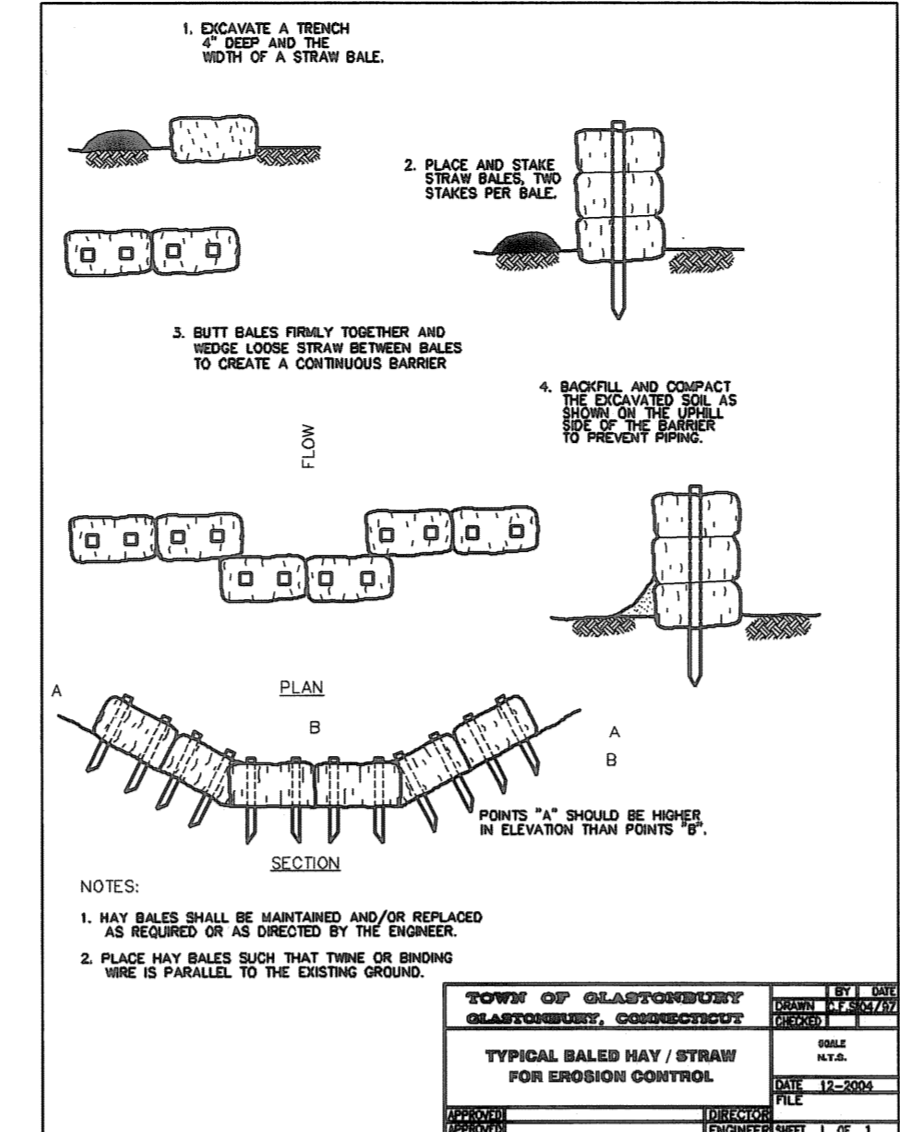
FILE: PW-0923

APPROVED BY: [Signature]

DESIGNED BY: [Signature]

ENGINEER: [Signature]

SHEET 1 OF 1



TOWN OF GLASTONBURY  
GLASTONBURY, CONNECTICUT

**TYPICAL BALED HAY / STRAW FOR EROSION CONTROL**

SCALE: NOT TO SCALE

DATE: 5/11/2015

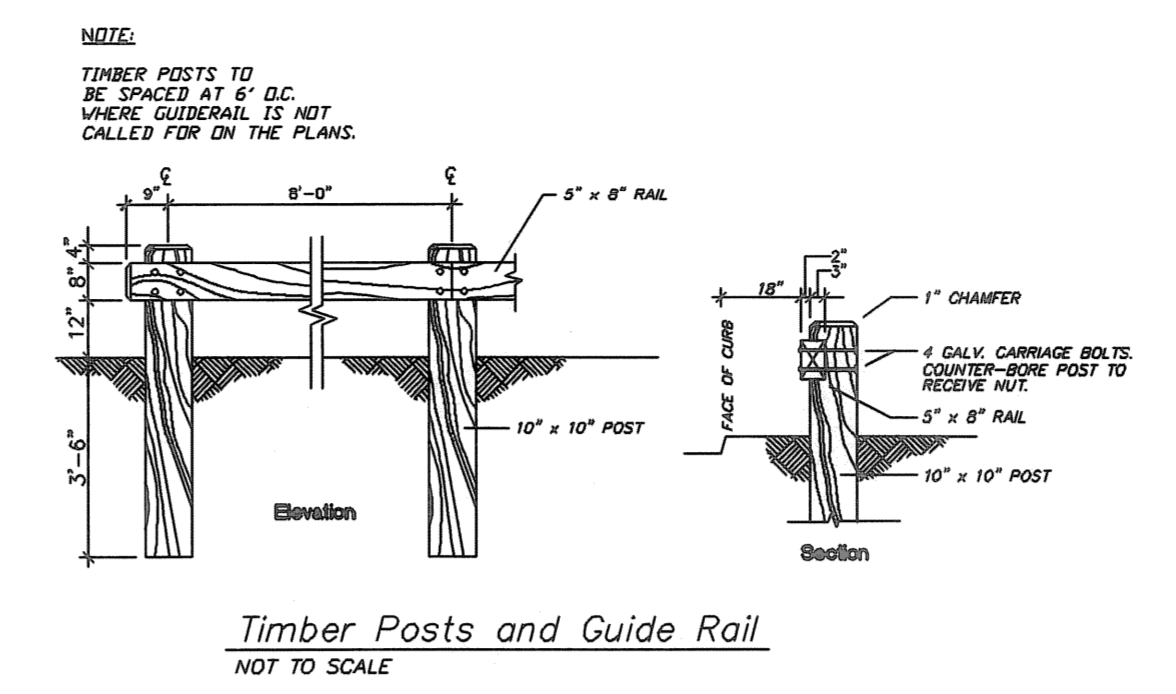
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APPROVED BY: [Signature]

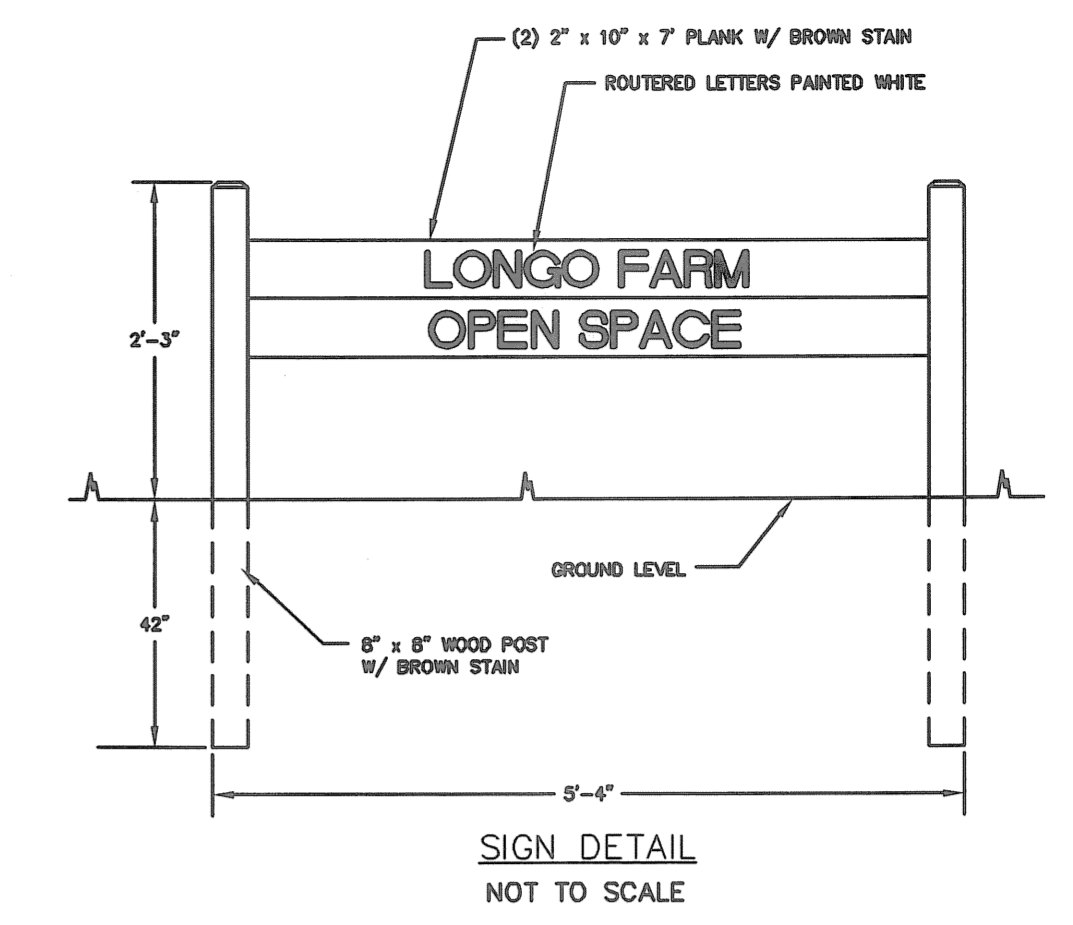
DESIGNED BY: [Signature]

ENGINEER: [Signature]

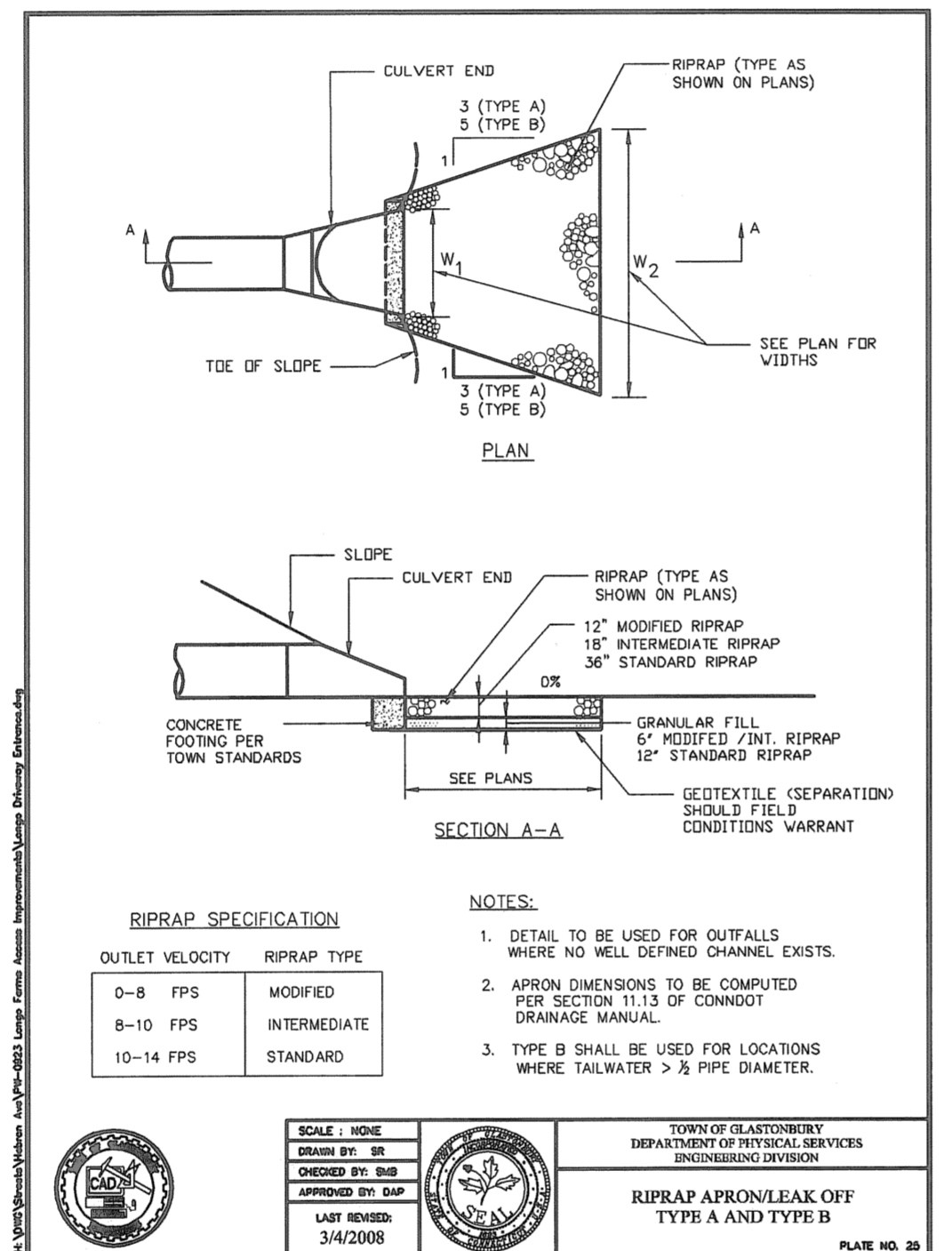
SHEET 1 OF 1



**Timber Posts and Guide Rail**  
NOT TO SCALE



**SIGN DETAIL**  
NOT TO SCALE



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**RIPRAP APRON/LEAK OFF**  
TYPE A AND TYPE B

SCALE: NOT TO SCALE

DATE: 5/11/2015

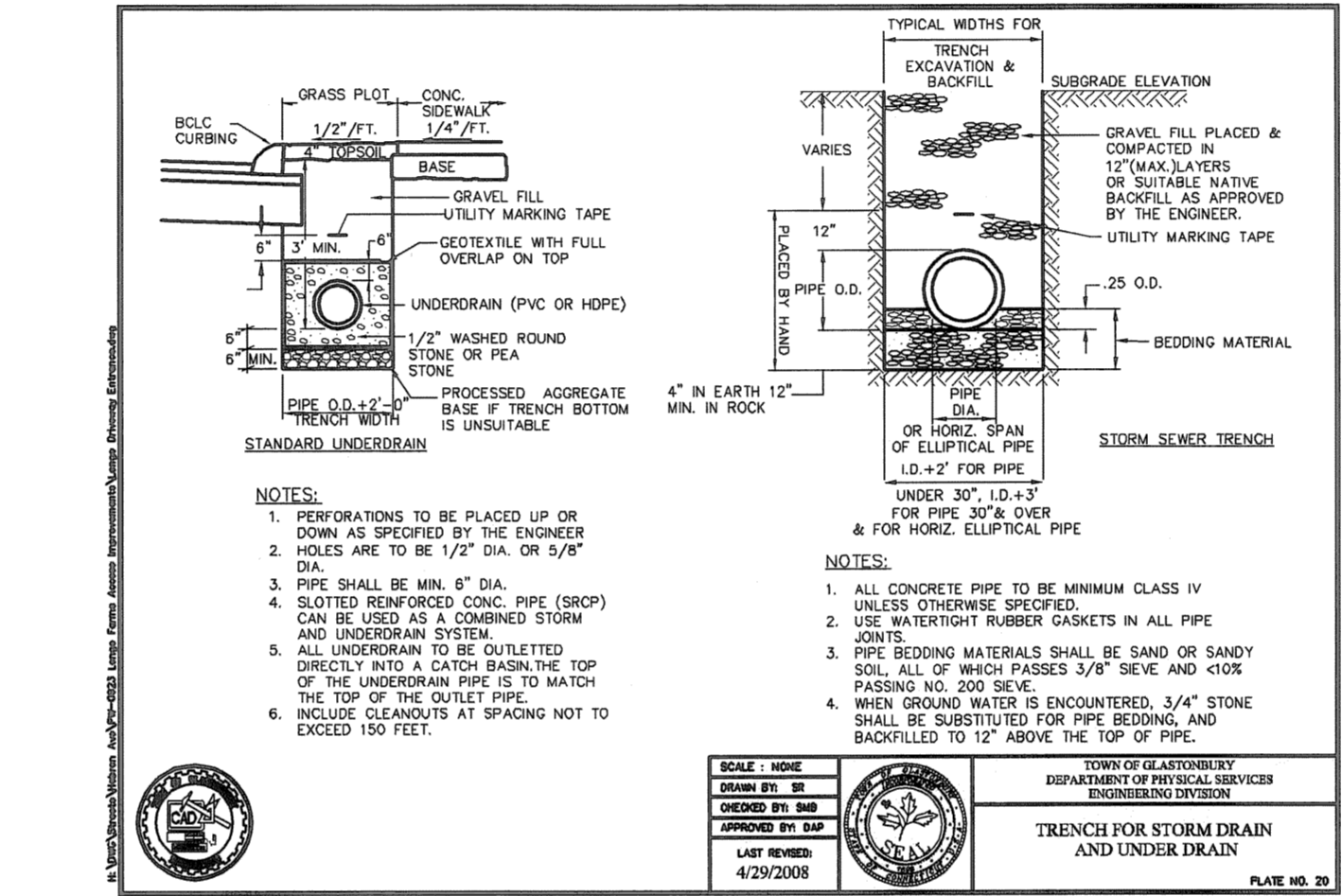
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APPROVED BY: [Signature]

DESIGNED BY: [Signature]

ENGINEER: [Signature]

SHEET 1 OF 1



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION

**TRENCH FOR STORM DRAIN AND UNDER DRAIN**

SCALE: NOT TO SCALE

DATE: 5/11/2015

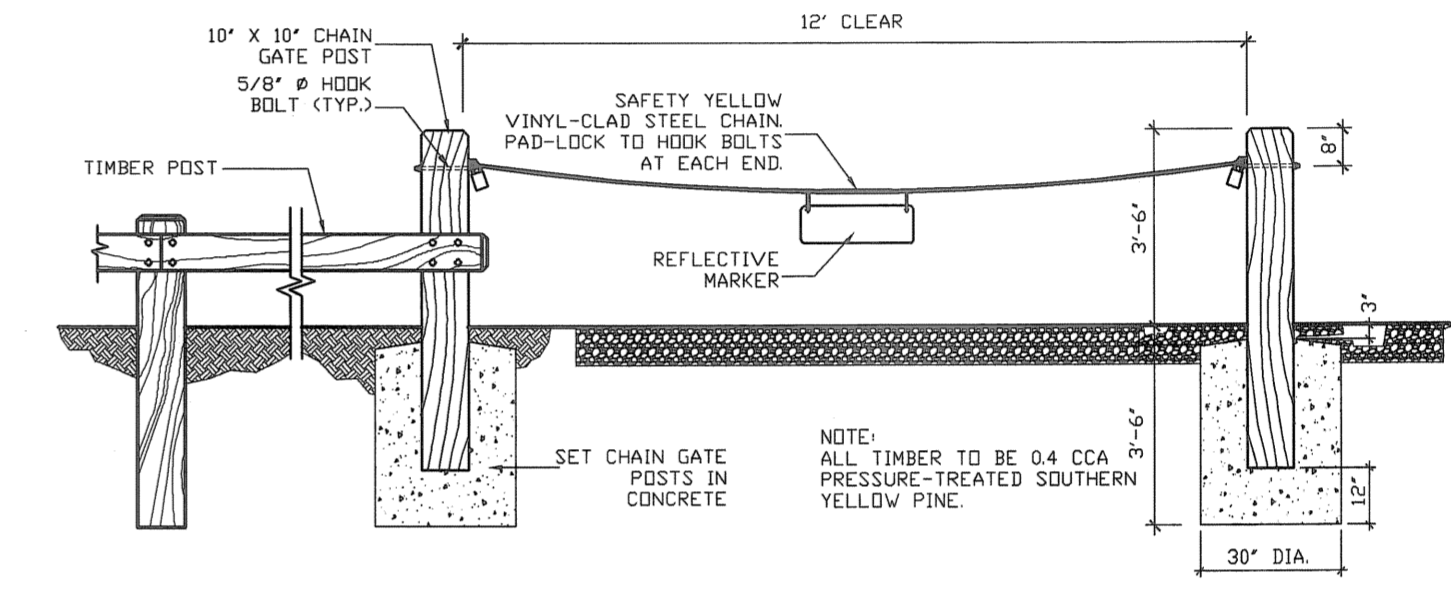
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APPROVED BY: [Signature]

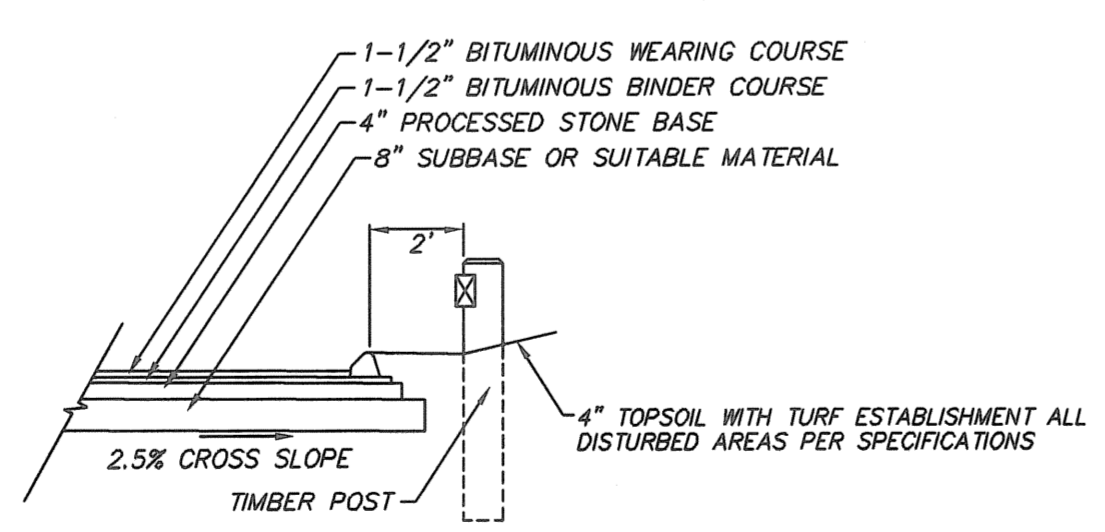
DESIGNED BY: [Signature]

ENGINEER: [Signature]

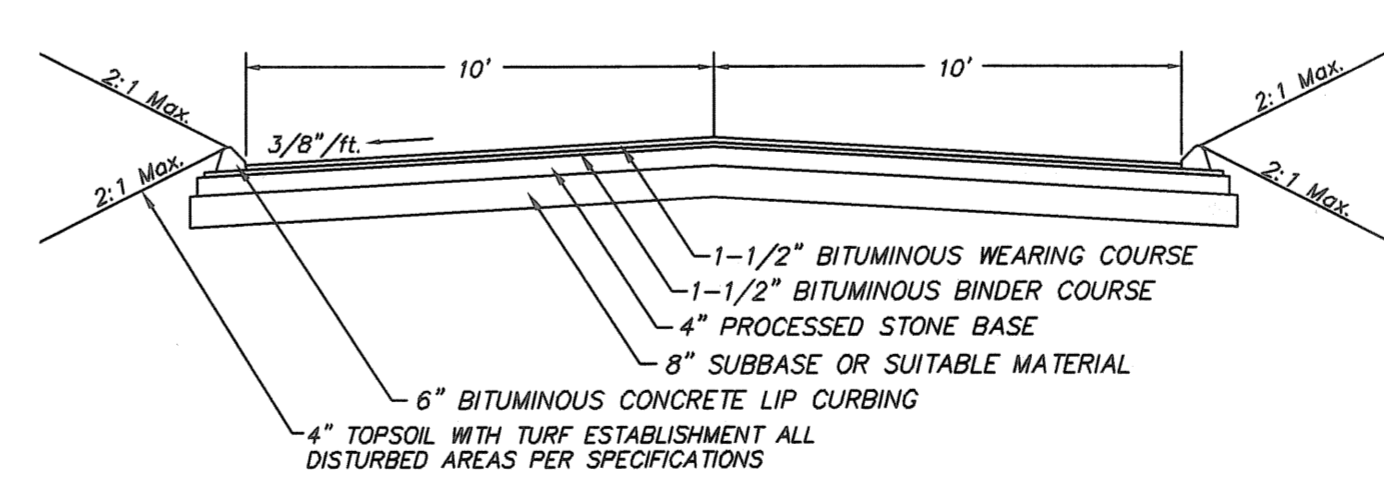
SHEET 1 OF 1



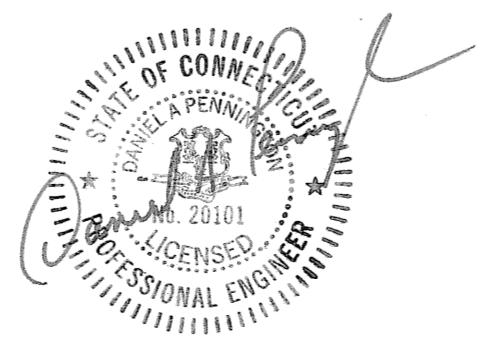
**Chain Gate**  
NOT TO SCALE



**PARKING LOT SECTION**  
SCALE: N.T.S.

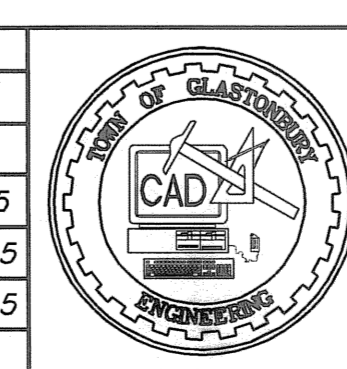


**TYPICAL DRIVEWAY SECTION**  
(NOT TO SCALE)

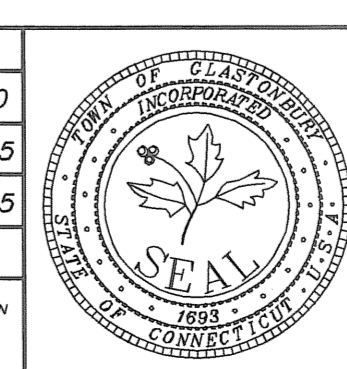


PW 0923

NO.	DESCRIPTION	DATE
3.	REVISED GATE TO CHAIN GATE	5-6-2015
2.	REVISE SIGN LOCATION, ADD SIGN DETAIL	4-13-2015
1.	ISSUED FOR CONSTRUCTION	2-18-2015



SCALE:	AS SHOWN	DATE:
DRAWN BY:	S.Troy	6-4-2010
CHECKED BY:	S.M.B.	2-18-2015
APPROVED BY:	D.A.P.	2-18-2015



**CROSS SECTIONS DEPICTING PROPOSED ACCESS DRIVE for LONGO PARCEL**  
located at  
**2982 HEBRON AVENUE GLASTONBURY, CONNECTICUT**

SHEET NO. **2** OF 2

FILE: E:\DWG\Sheet\Marlborough\_Rd\1106\_Arbor Acres Parking\_Cad.dwg USER: Steven Troy DATE: 5/1/2015

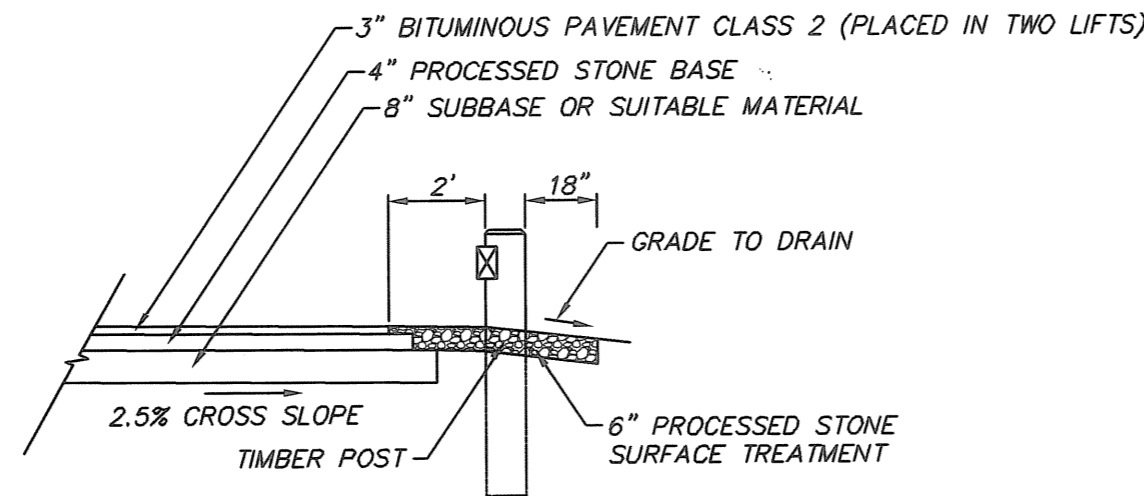
**GENERAL SEDIMENTATION AND EROSION CONTROL REQUIREMENTS:**

THESE GUIDELINES SHALL APPLY TO ALL WORK CONSISTING OF ANY AND ALL TEMPORARY AND/OR PERMANENT MEASURES TO CONTROL WATER POLLUTION AND SOIL EROSION AS MAY BE REQUIRED, DURING THE CONSTRUCTION OF THE PROJECT.

IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE DEPARTMENT OF PHYSICAL SERVICES SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS, AND IMMEDIATELY PROVIDE PERMANENT AND TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT WETLANDS, WATERCOURSES AND WATERBODIES, AND TO PREVENT, INsofar AS POSSIBLE, EROSION ON THE SITE.

CONSTRUCTION METHODS, IN GENERAL, SHALL BE IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002) BY THE STATE OF CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

1. ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
2. ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
3. ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
4. NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.
5. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER.
6. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
7. ANY CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
8. ALL NEW AND EXISTING CATCH BASINS LOCATED WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH A SEDIMENTATION CONTROL SYSTEM IN GRASSED AREAS OR WITH A SEDIMENTATION CONTROL SACK IN PAVED AREAS UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
9. SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
10. THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN ENVIRONMENTAL PLANNER. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.



**PARKING LOT SECTION**  
SCALE: N.T.S.

**PROJECT NARRATIVE:**

THIS PROJECT INCLUDES THE CONSTRUCTION OF A NEW PAVED PARKING LOT TO SUPPORT 19 VEHICLES, INCLUDING 1 ADA ACCESSIBLE PARKING SPACE ON MARLBOROUGH ROAD. THE AREA OF DISTURBANCE INCLUDES APPROXIMATELY 0.24 ACRES.

**PROJECT SPECIFIC SEDIMENTATION AND EROSION CONTROL PLAN**

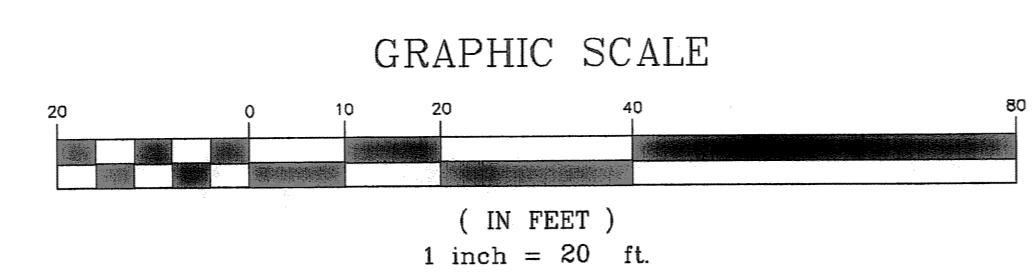
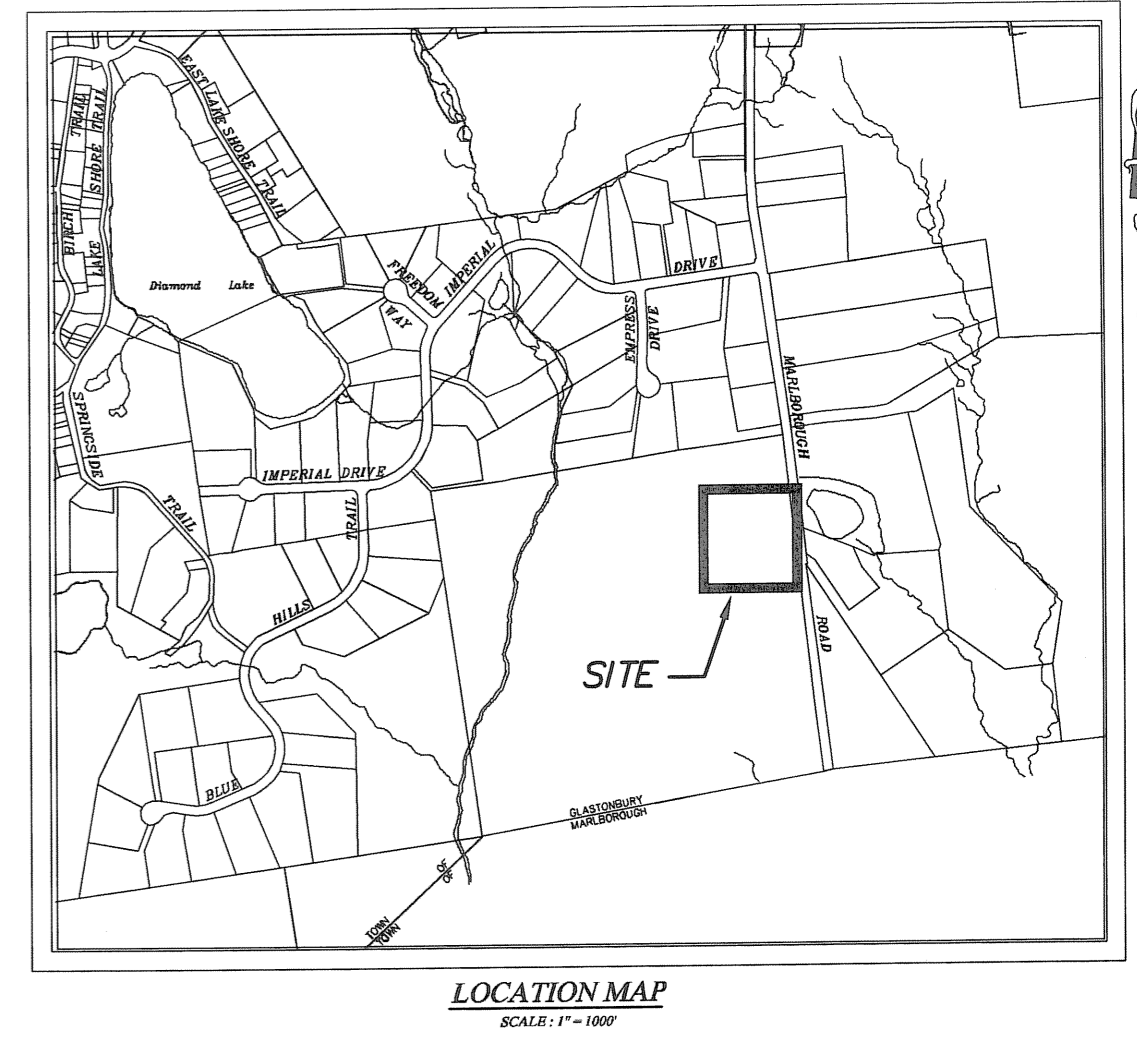
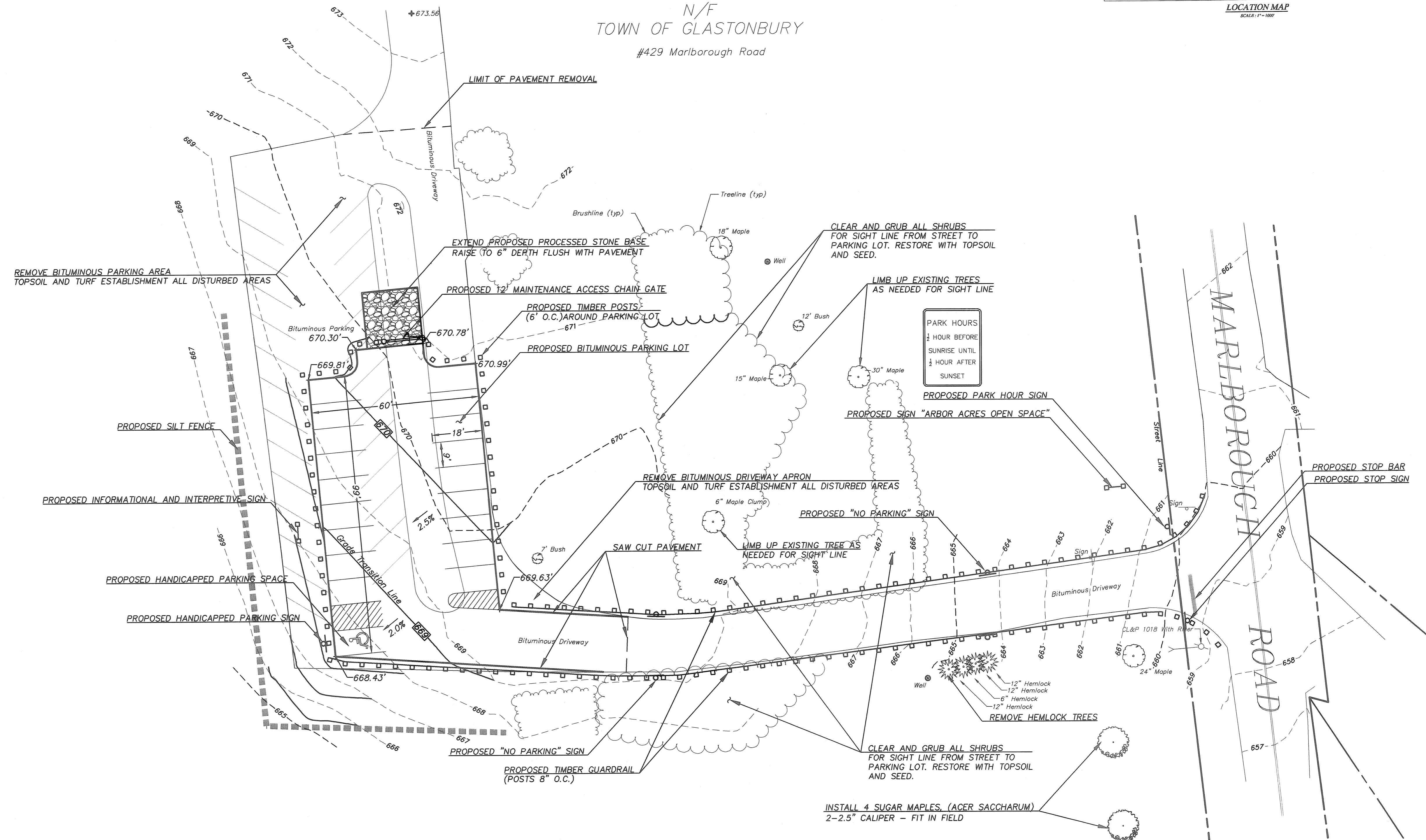
CONSTRUCTION ACTIVITIES OF CONCERN RELATIVE TO THE PROTECTION OF ADJACENT WETLANDS AND WATERCOURSES FROM SEDIMENTATION ARE AS FOLLOWS:

1. STOCKPILING: EXCAVATED MATERIAL SHALL NOT BE STOCKPILED ADJACENT TO STORM DRAIN INLETS, WETLAND, AND WATERCOURSES. WHEN IT IS NECESSARY BASED ON THE PROPOSED METHODS OF CONSTRUCTION TO STAGE EXCAVATED MATERIAL FOR SHORT DURATIONS IN THE VICINITY OF STORM DRAIN INLETS, THESE INLETS SHALL BE PROPERLY PROTECTED AS DESCRIBED ON THE PLANS. LONGER DURATION STOCKPILING OF MATERIAL, WHEN NECESSARY, SHALL BE ONLY IN LOCATIONS APPROVED IN ADVANCE BY THE ENGINEER, AND SUCH STOCKPILES SHALL BE RINGED WITH SEDIMENTATION CONTROL SYSTEM.
2. DISTURBED AREAS: LIMITS OF DISTURBANCE SHALL BE IN STRICT ACCORDANCE WITH THE APPROVED PLAN. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH THE FINAL SURFACE TREATMENT AS SOON AS POSSIBLE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED. DISTURBED AREAS WITH STEEP OR LONG SLOPES AND OTHER AREAS WITH SIGNIFICANT POTENTIAL FOR CAUSING SEDIMENTATION SHALL BE PROTECTED WITH TEMPORARY STRAW MULCH, WOOD CHIPS, EROSION CONTROL MATTING, OR OTHER SUITABLE MATERIALS PRIOR TO SIGNIFICANT FORECASTED RAIN STORM EVENTS TO REDUCE EROSION POTENTIAL.
3. SEVERE WEATHER CONTINGENCY PLAN: IN ADVANCE OF A SEVERE WEATHER EVENT, ALL EROSION CONTROLS DESCRIBED ABOVE AND ELSEWHERE ON THE PLANS SHALL BE INSPECTED AND ADJUSTED AS NECESSARY.

**RESPONSIBLE PARTIES:**

THE DEPARTMENT OF PHYSICAL SERVICES SHALL PROVIDE A REPRESENTATIVE WHO IS RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN.

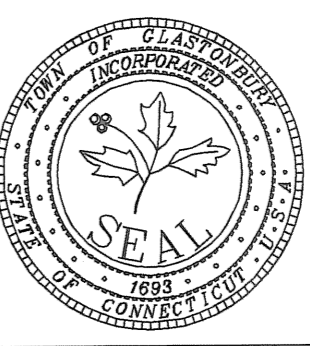
N/F  
TOWN OF GLASTONBURY  
#429 Marlborough Road



DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR FENCE BID	5-11-2015
1.	ISSUED FOR PERMITTING	1-22-2015



SCALE: AS SHOWN DATE: 1-22-2015  
 DRAWN BY: S.Troy  
 CHECKED BY: S.M.B.  
 APPROVED BY: D.A.P.  
 ST. FILE:  
MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE RECORDED ON CAD FILE SHOWN IN THE LEFT MARGIN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE AT (860) 652-7735.



**PLAN**  
 DEPICTING PROPOSED  
 ARBOR ACRES PARKING LOT  
 located at  
 429 MARLBOROUGH ROAD  
 GLASTONBURY, CONNECTICUT

SHEET NO.  
**1**  
 OF 2

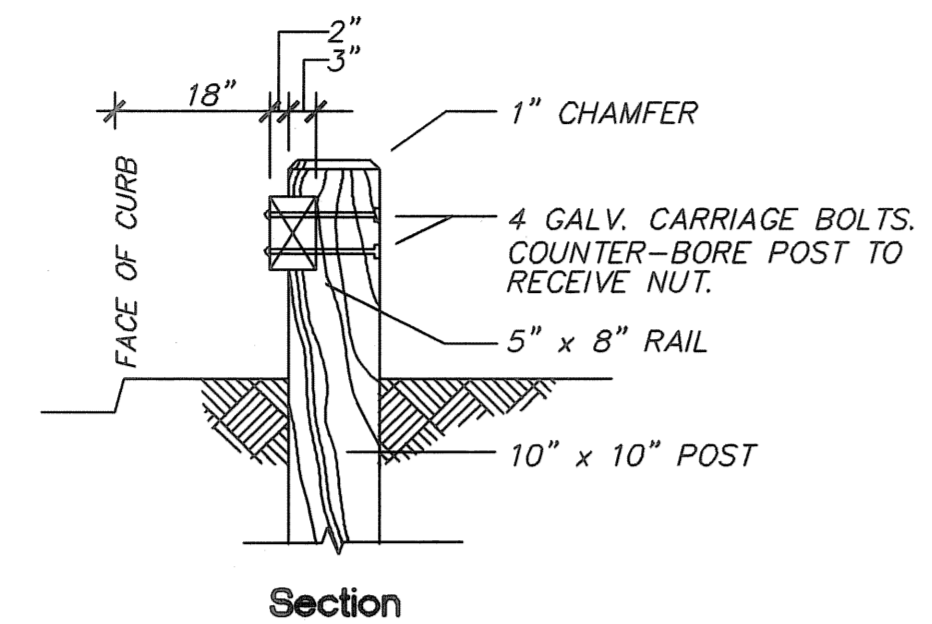
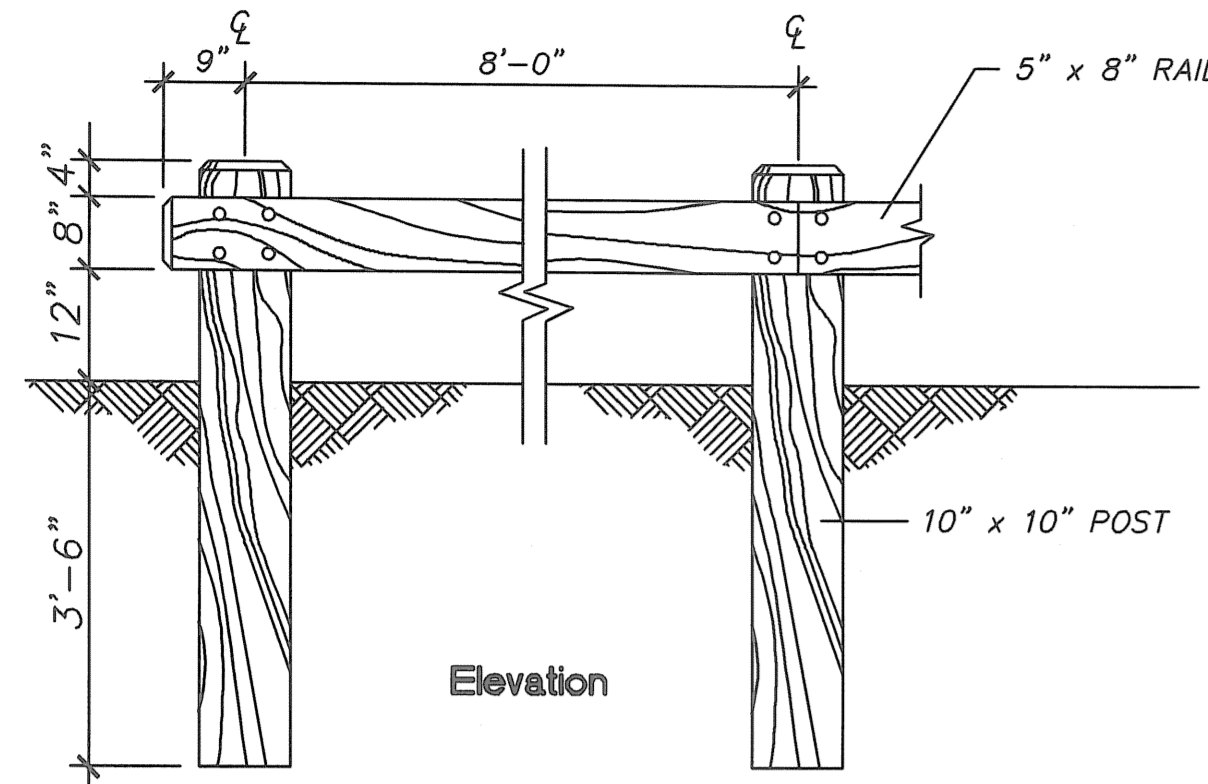
Certified to be substantially correct

DANIEL A. PENNINGTON P.E. Reg. No. 20101

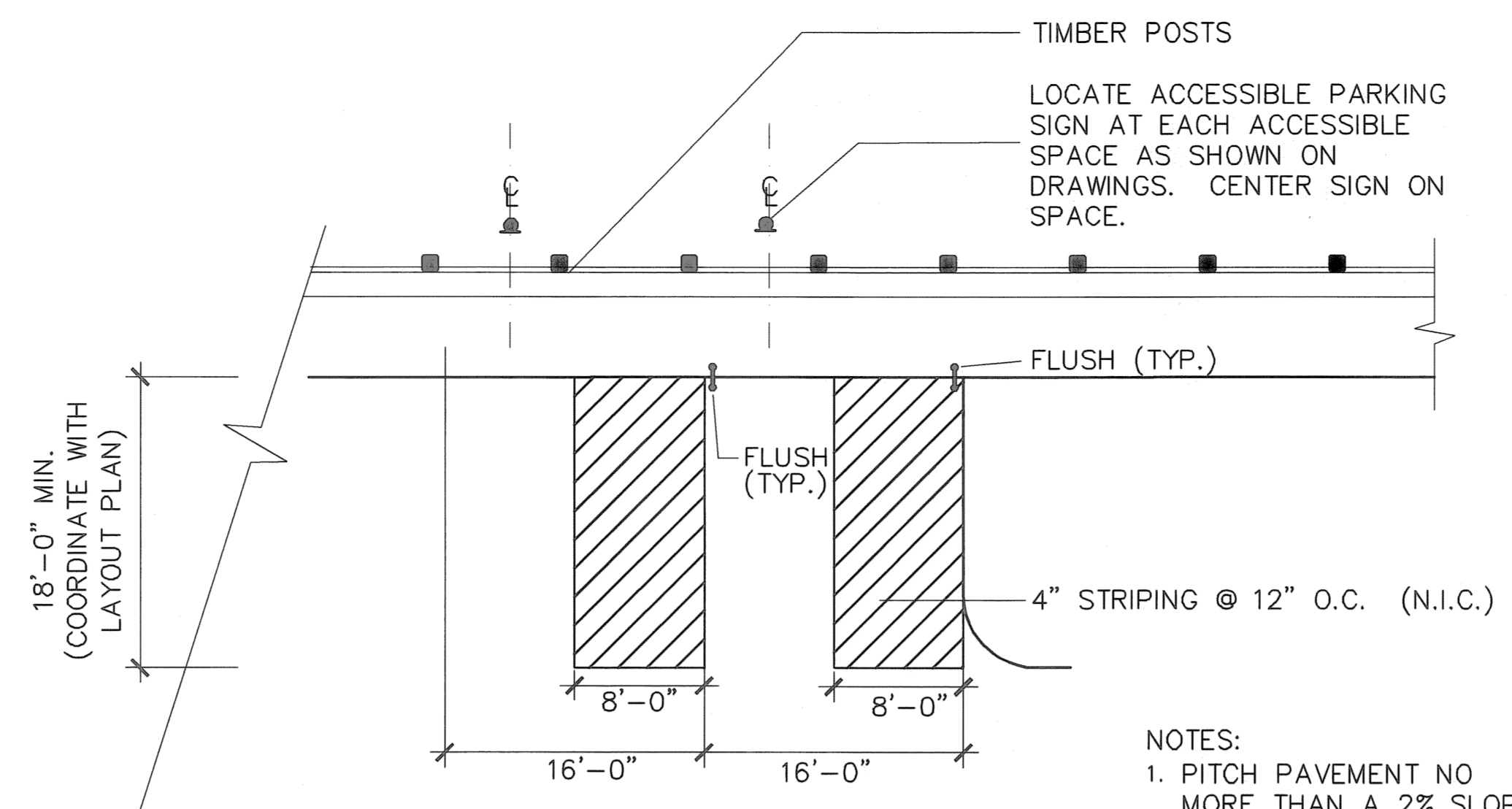
P.W. 1106

FILE: E:\DWG\DWG\Marlborough\1106 Arbor Acres Parking Lot\1106 Arbor Acres Parking Layout.dwg USBR: Steven Troy DATE: 3/11/2015

**NOTE:**  
TIMBER POSTS TO BE SPACED AT 6' O.C. WHERE GUIDERAIL IS NOT CALLED FOR ON THE PLANS.

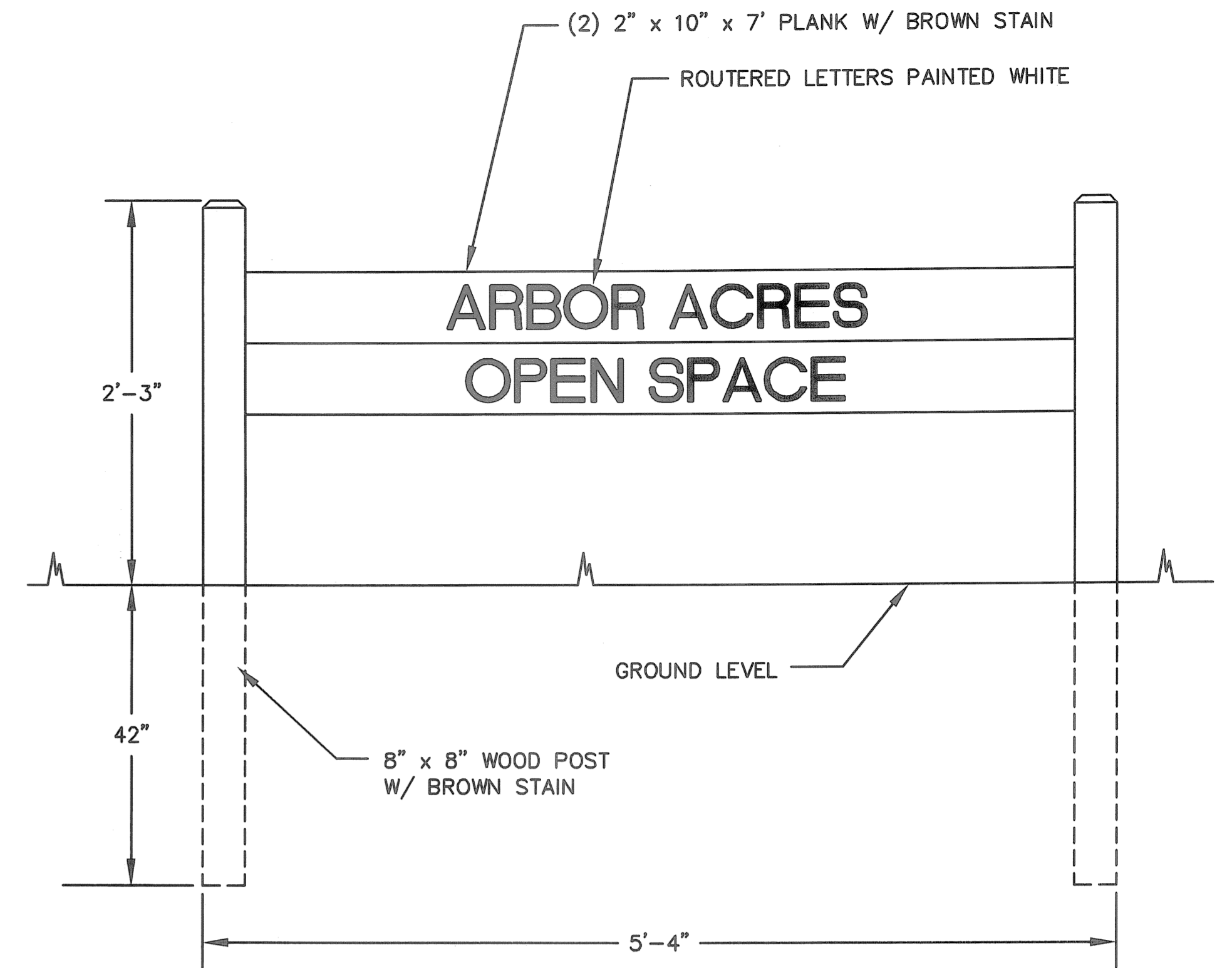


TIMBER POSTS AND GUIDE RAIL  
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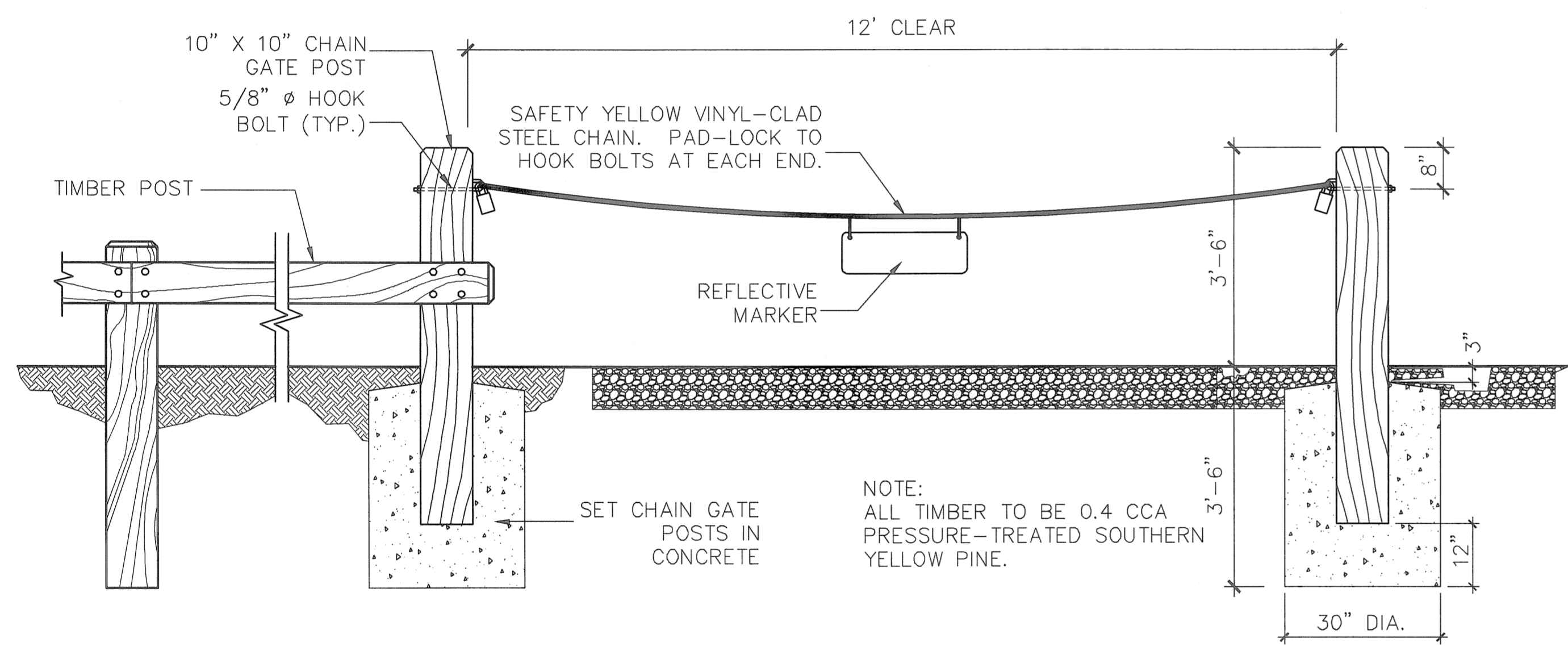


NOTES:  
1. PITCH PAVEMENT NO MORE THAN A 2% SLOPE ANY DIRECTION.  
2. COLOR OF STRIPING SHALL BE WHITE.

Van-Accessible Parking Spaces (Typical)  
NOT TO SCALE

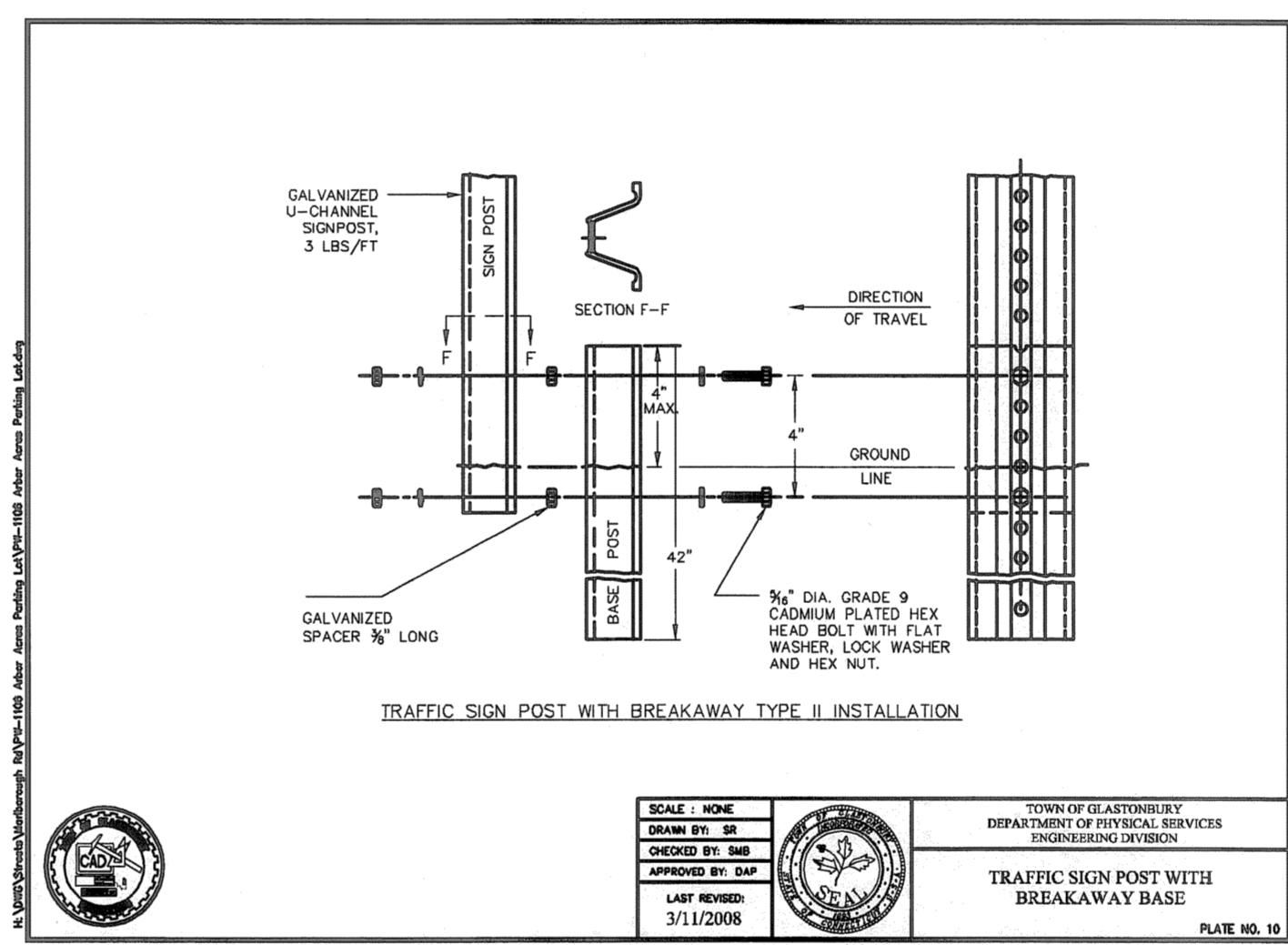


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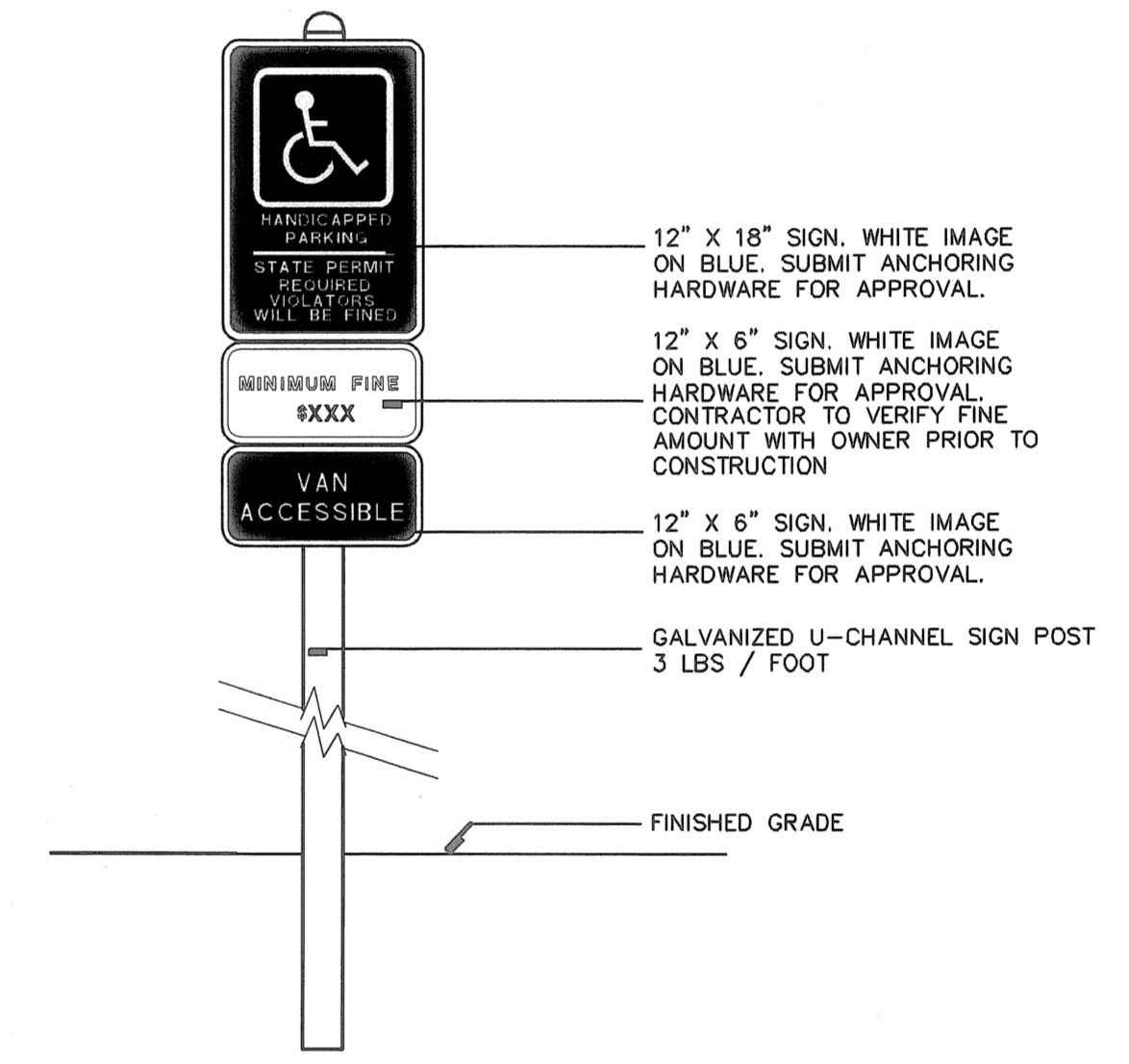


NOTE:  
ALL TIMBER TO BE 0.4 CCA PRESSURE-TREATED SOUTHERN YELLOW PINE.

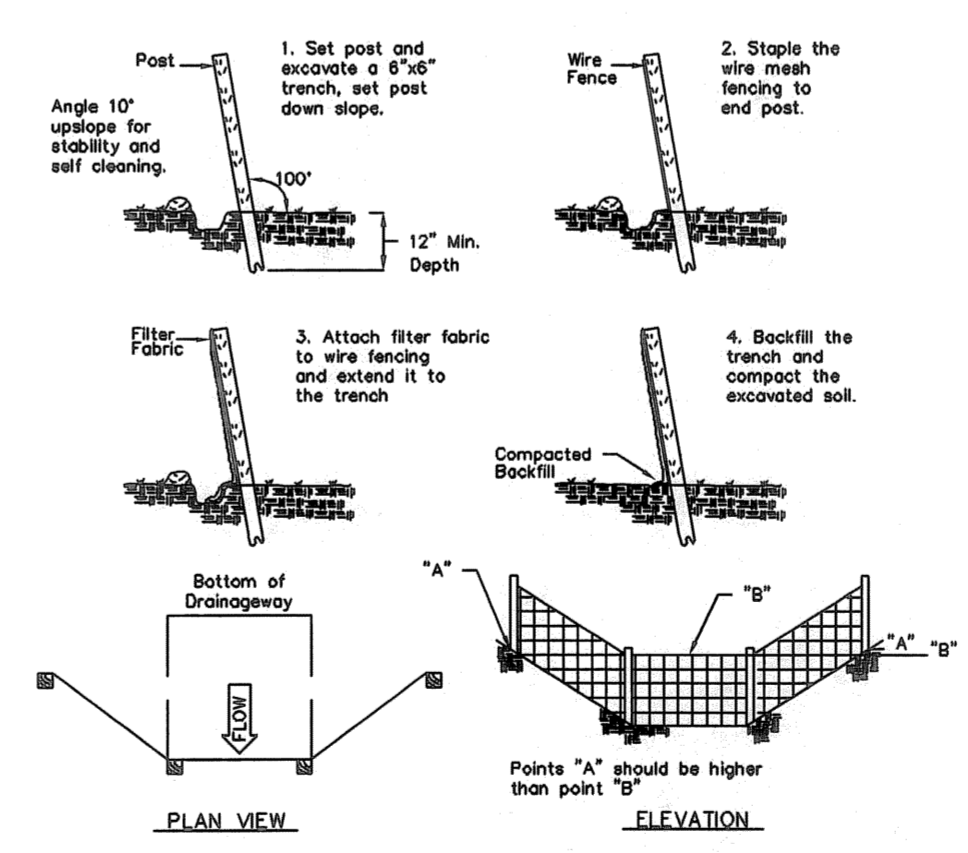
Chain Gate  
NOT TO SCALE



TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION  
TRAFFIC SIGN POST WITH BREAKAWAY BASE  
PLATE NO. 10

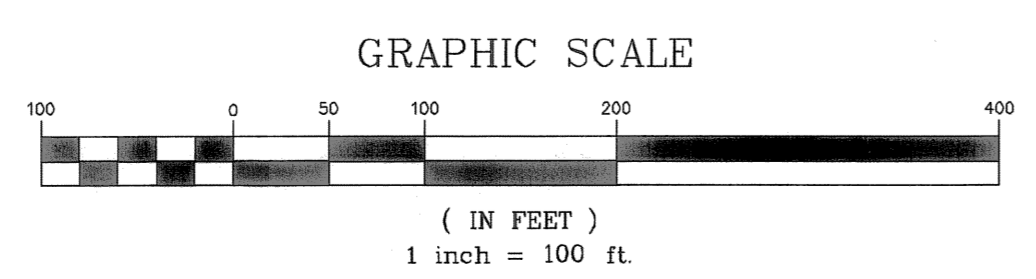


HANDICAPPED PARKING SIGN DETAIL  
SCALE: N.T.S.

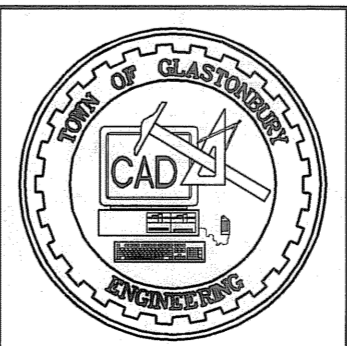


Source: U.S. Department of Agriculture, Soil Conservation Service, Storrs, Connecticut  
PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER

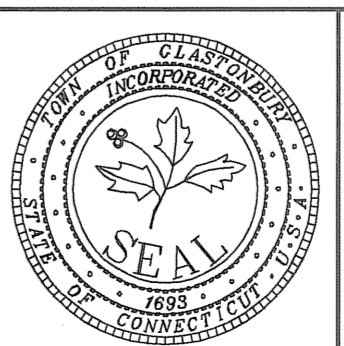
Certified to be substantially correct  
DANIEL A. PENNINGTON P.E. Reg. No. 20101



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1.	ISSUED FOR PERMITTING 1-22-2015
NO.	DESCRIPTION



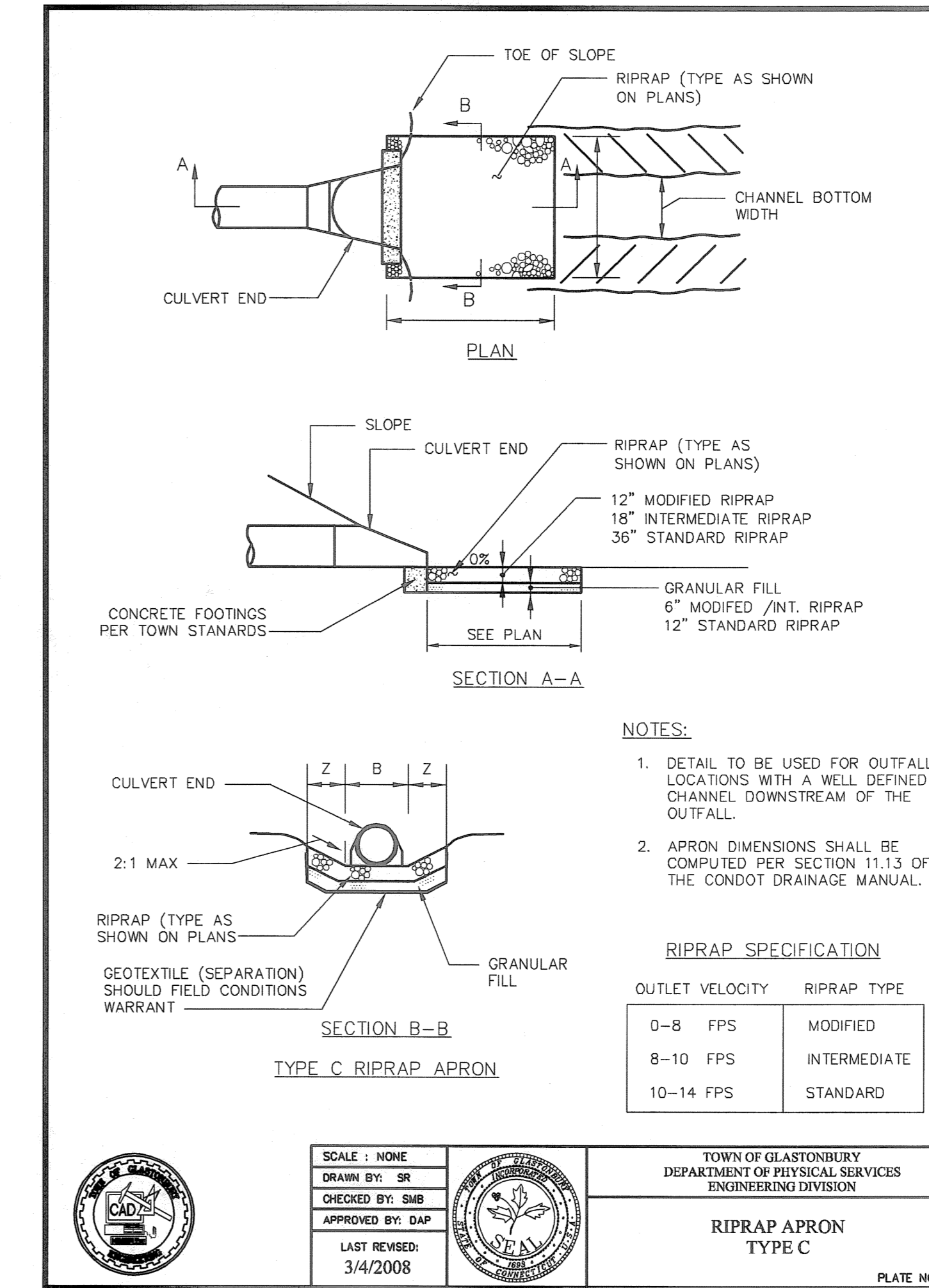
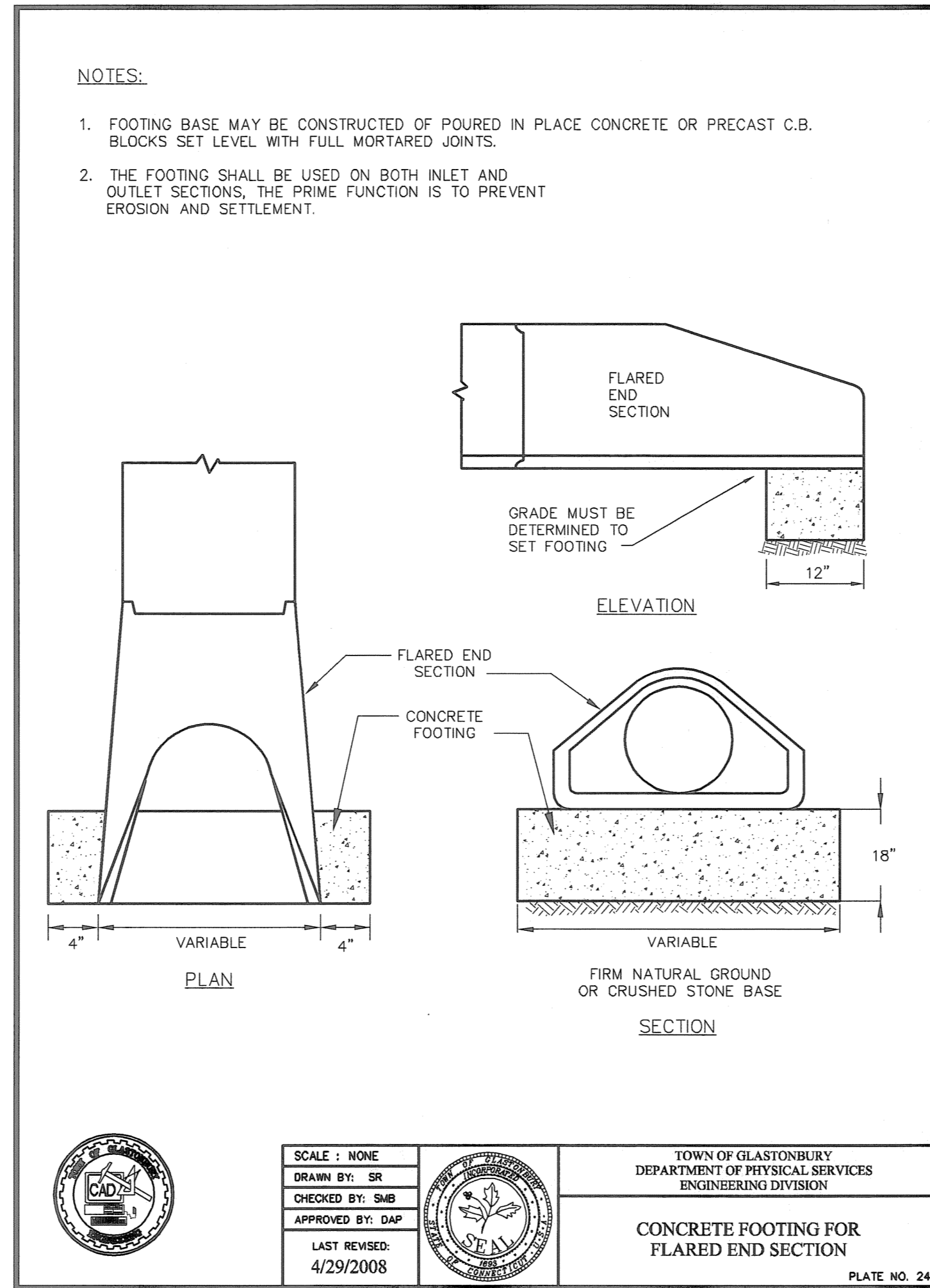
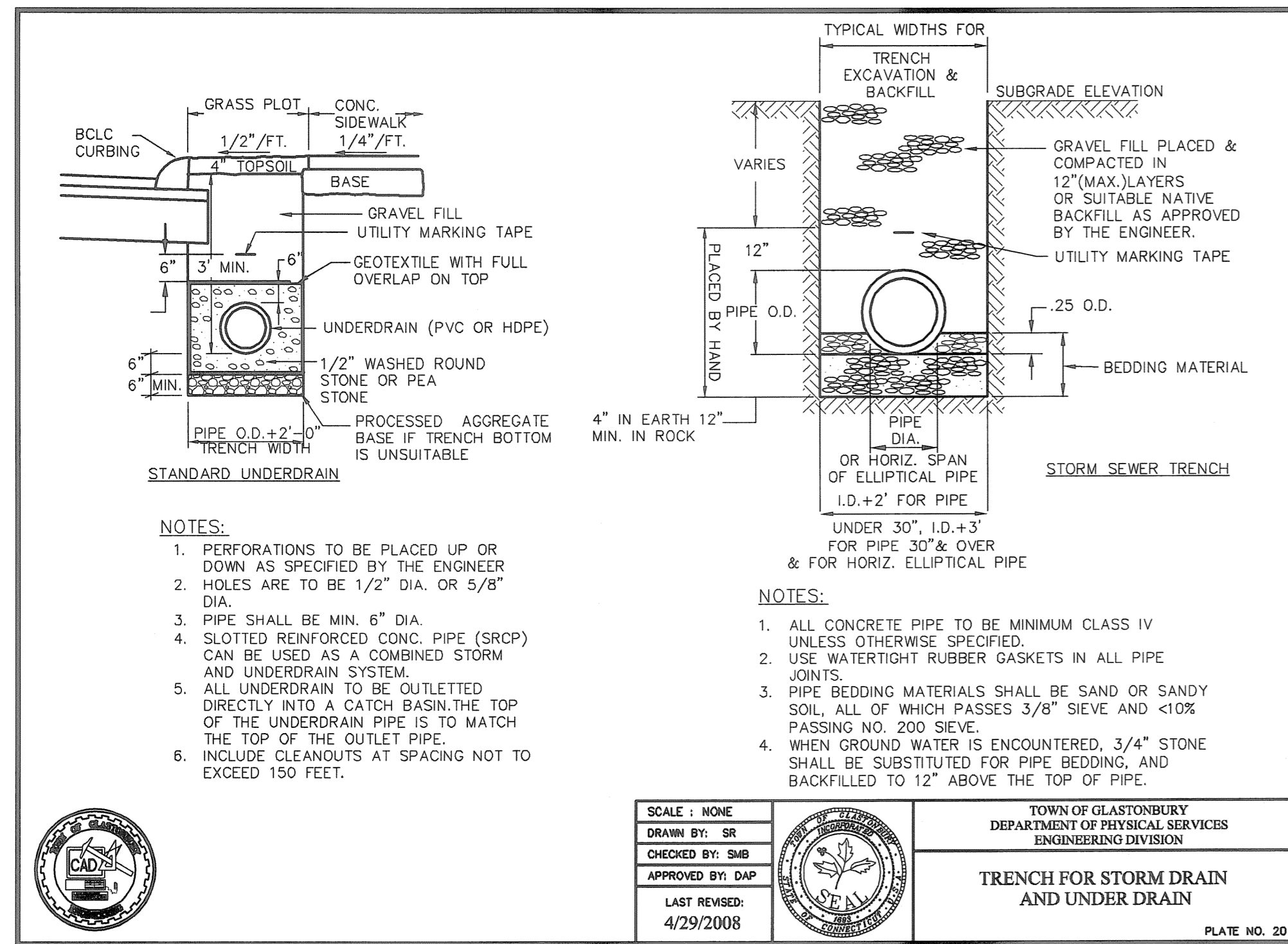
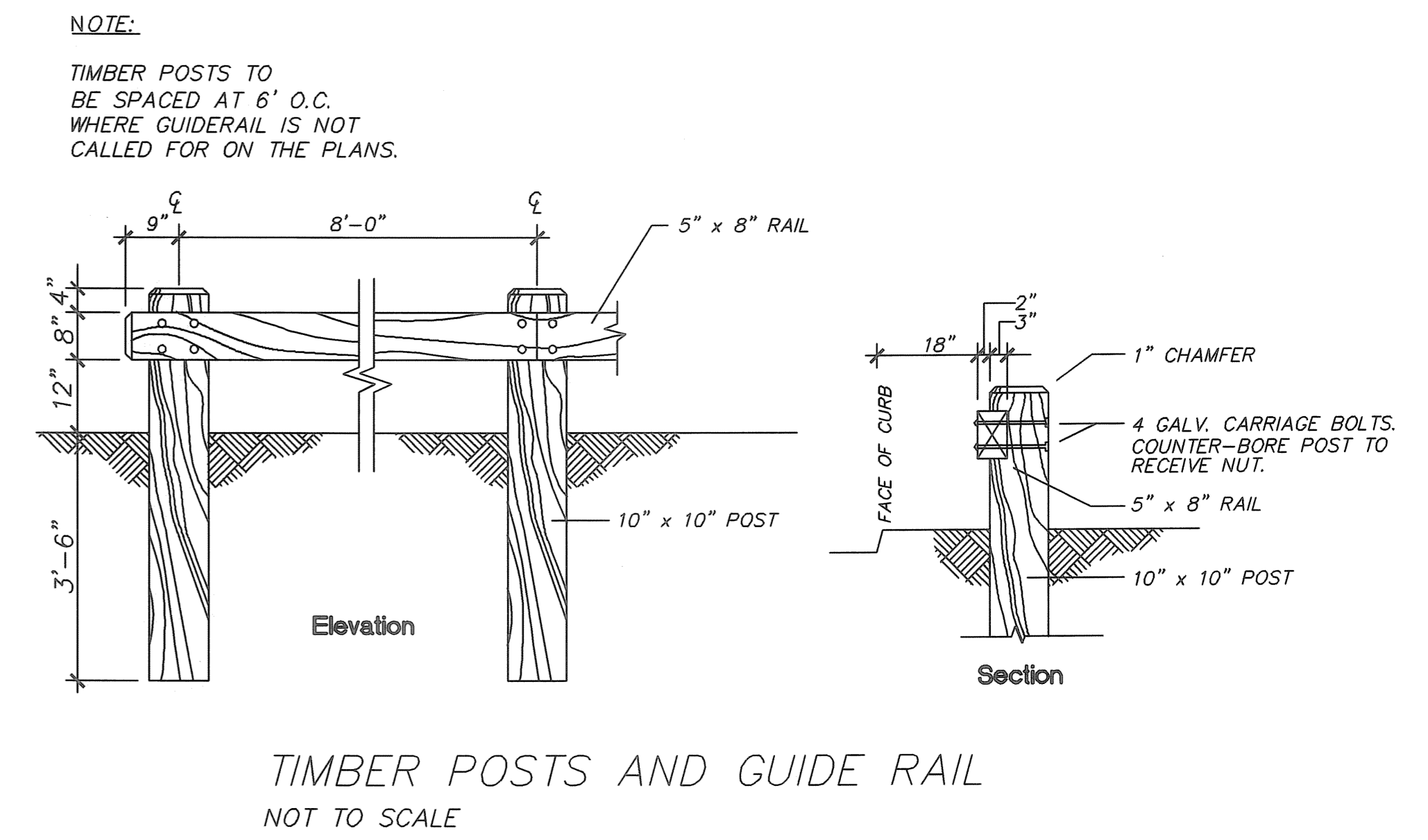
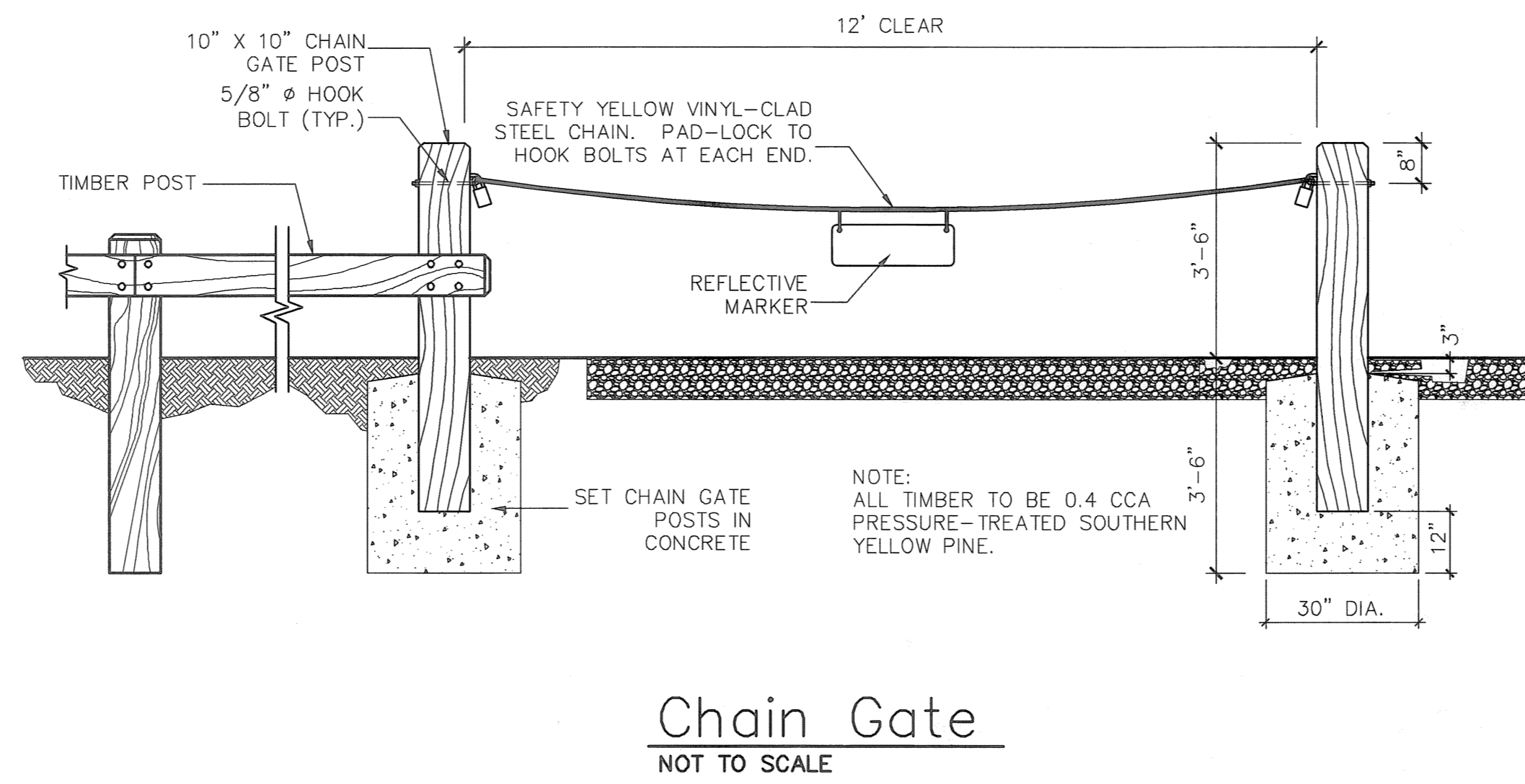
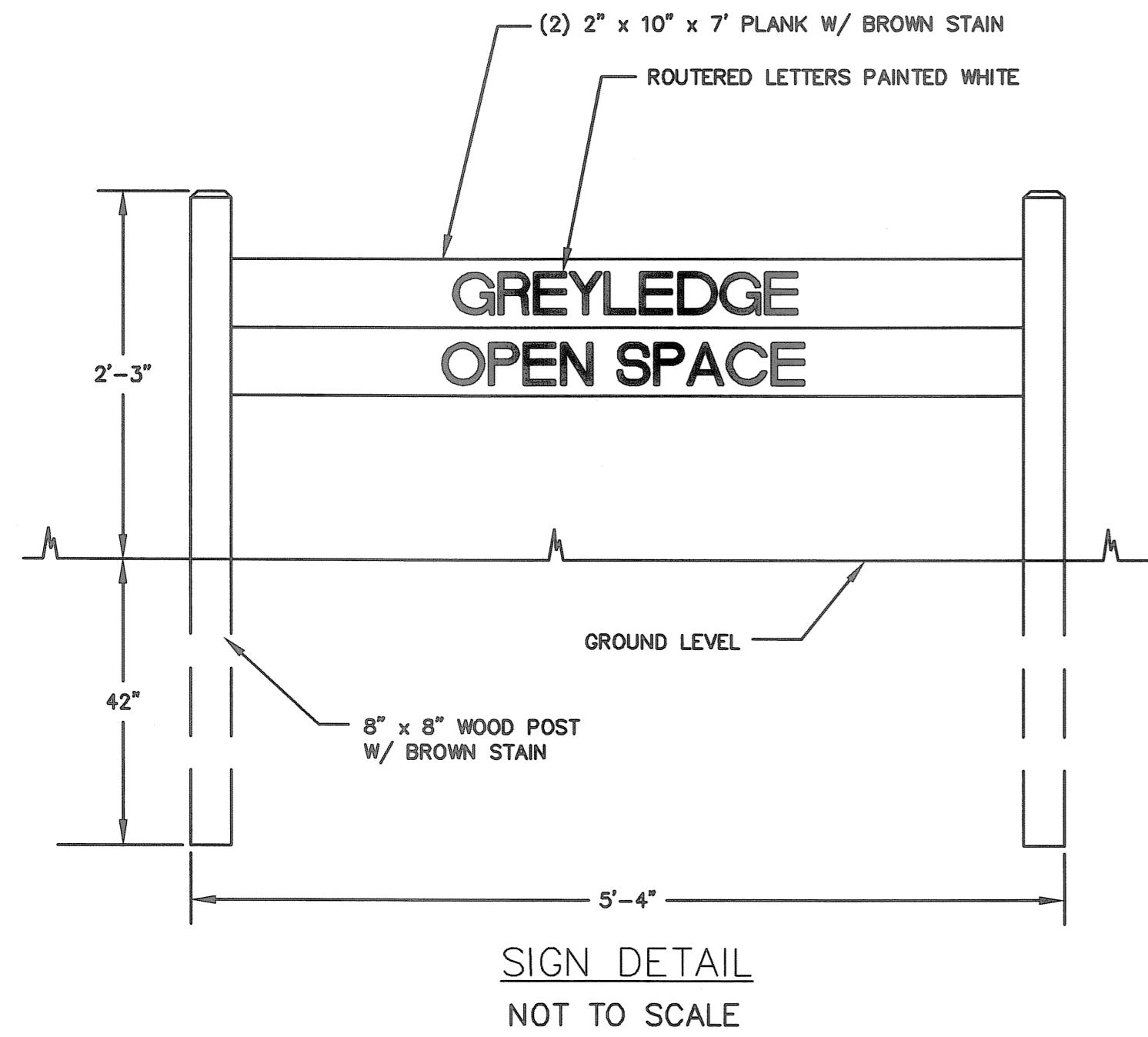
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DRAWN BY: S.Troy 1-22-2015  
CHECKED BY: S.M.B. 1-22-2015  
APPROVED BY: D.A.P. 1-22-2015  
ST. FILE:  
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DETAILS  
DEPICTING PROPOSED  
ARBOR ACRES PARKING LOT  
located at  
429 MARLBOROUGH ROAD  
GLASTONBURY, CONNECTICUT



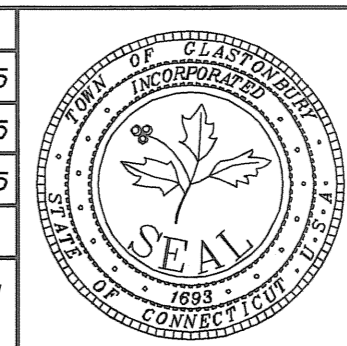
FILE: PLD/DTG/Street/Marlborough\_Rd/PW/108 Greyledge Park Loc Diamond L.S. Rd/PW/108 Greyledge Parking Lot Survey 113.dwg USER: Sencer Troy DATE: 5/11/2015



Certified to be substantially correct  
  
 DANIEL A. PENNINGTON P.E. Reg. No. 20101

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR FENCE BID	5-11-2015
1.	ISSUED FOR PERMITTING	1-22-2015

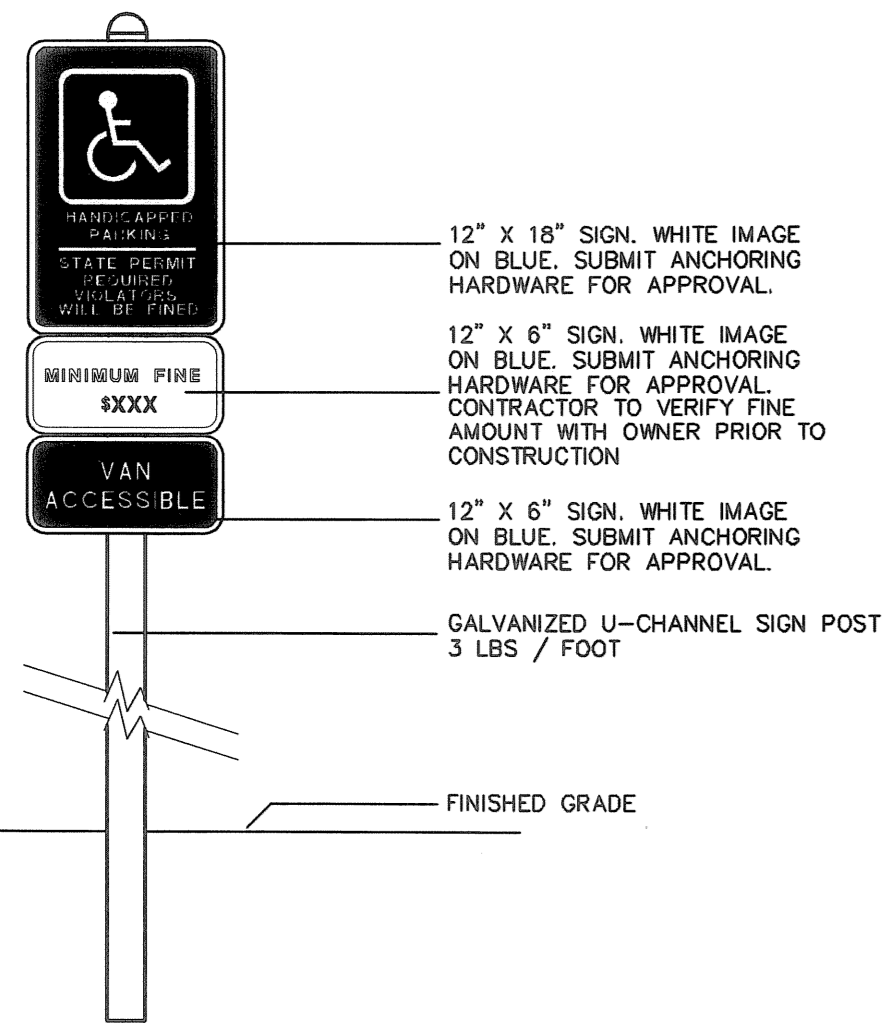
SCALE: AS SHOWN DATE: 1-22-2015  
 DRAWN BY: S.Troy  
 CHECKED BY: S.M.B.  
 APPROVED BY: D.A.P.  
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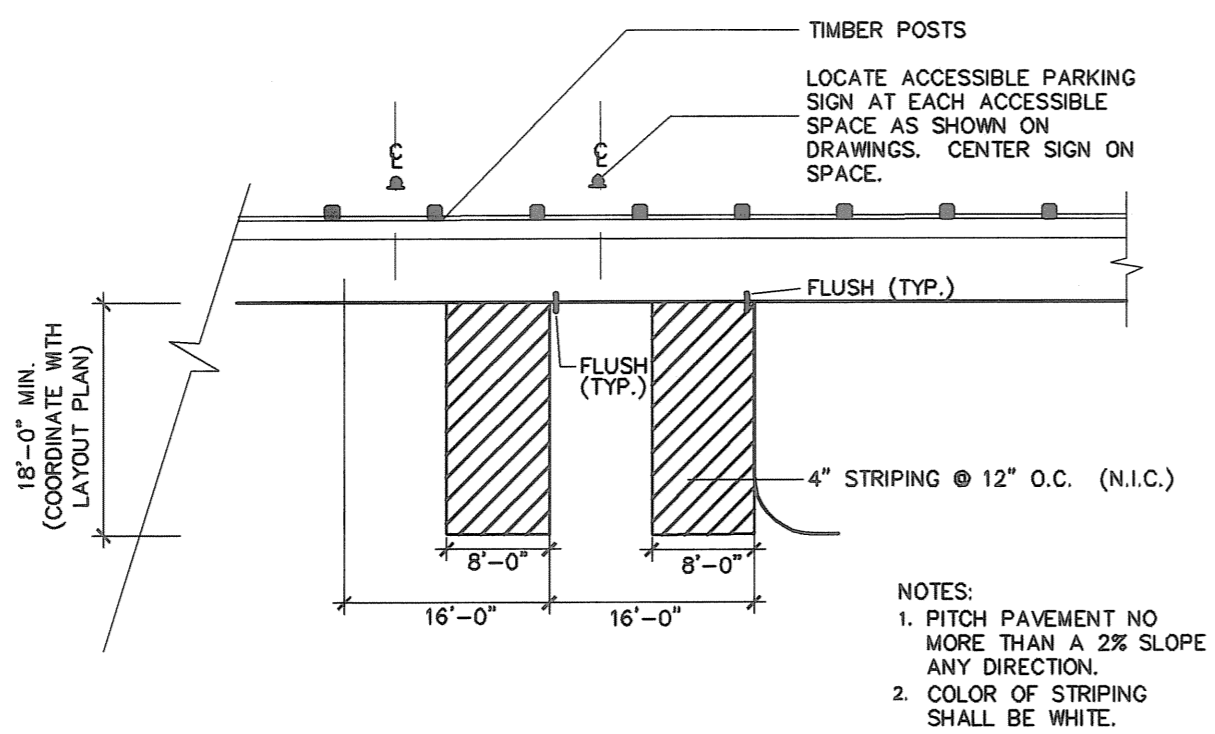
**DETAILS**  
 PROPOSED PARKING LOT  
 for  
 GREYLEDGE OPEN SPACE  
 MARLBOROUGH ROAD  
 GLASTONBURY, CONNECTICUT

SHEET NO.  
**2**  
 OF 3

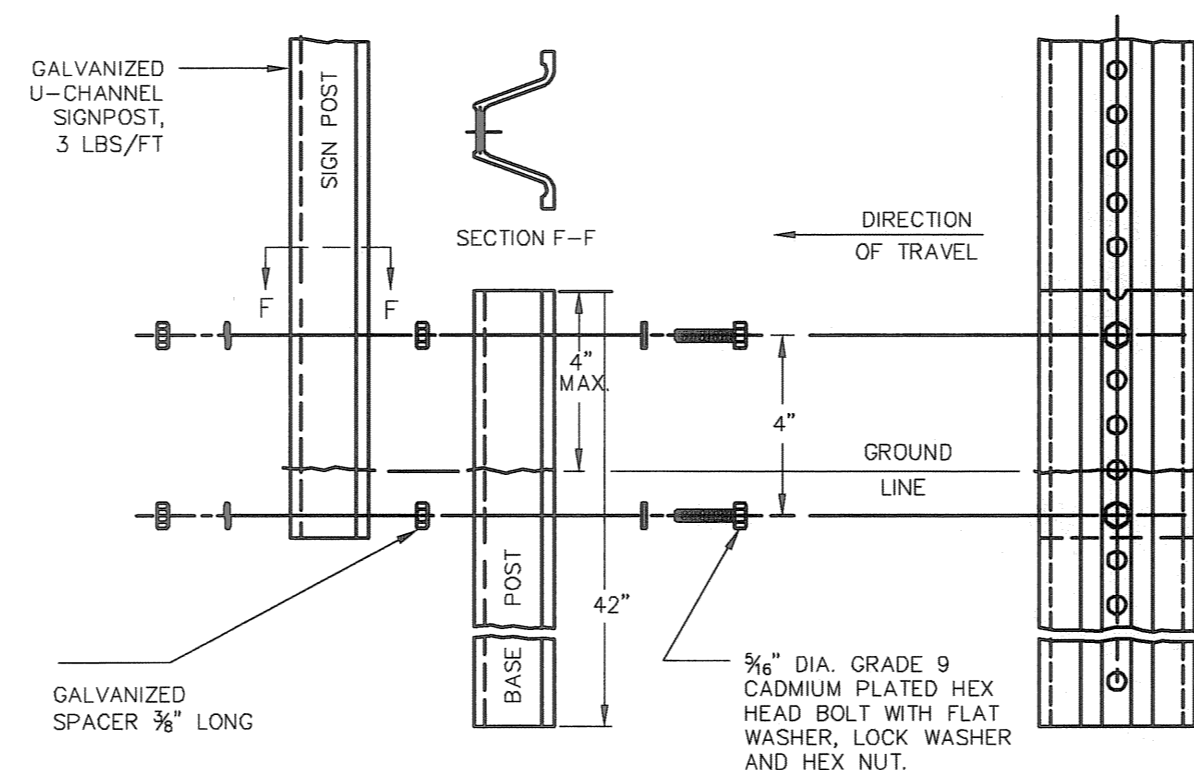
FILE: F:\DWG\Stamps\Marlborough Rd\PPW 1103 Greyledge Park Lot-Diamond Lk Rd\PPW-1103 Greyledge Parking Lot Survey V13.dwg USER: Steven Troy DATE: 5/11/2015



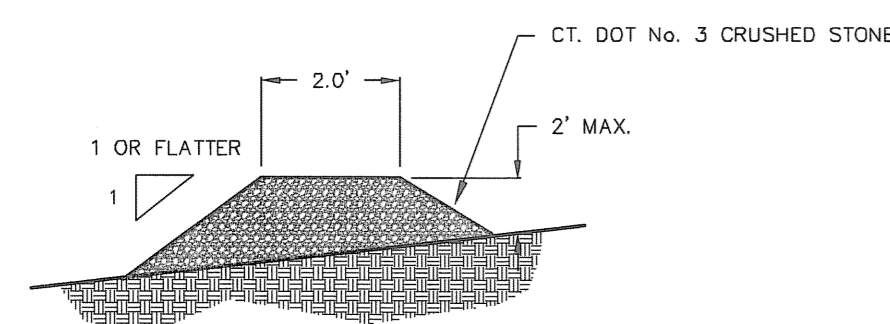
**HANDICAPPED PARKING SIGN DETAIL**  
SCALE: N.T.S.



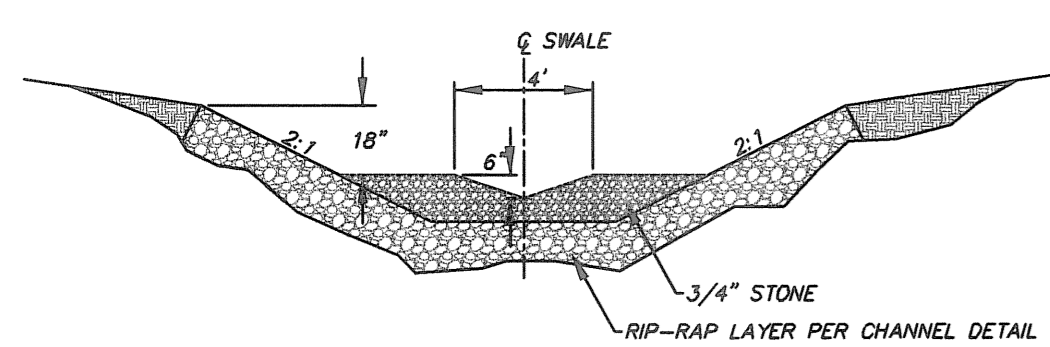
**Van-Accessible Parking Spaces (Typical)**  
NOT TO SCALE



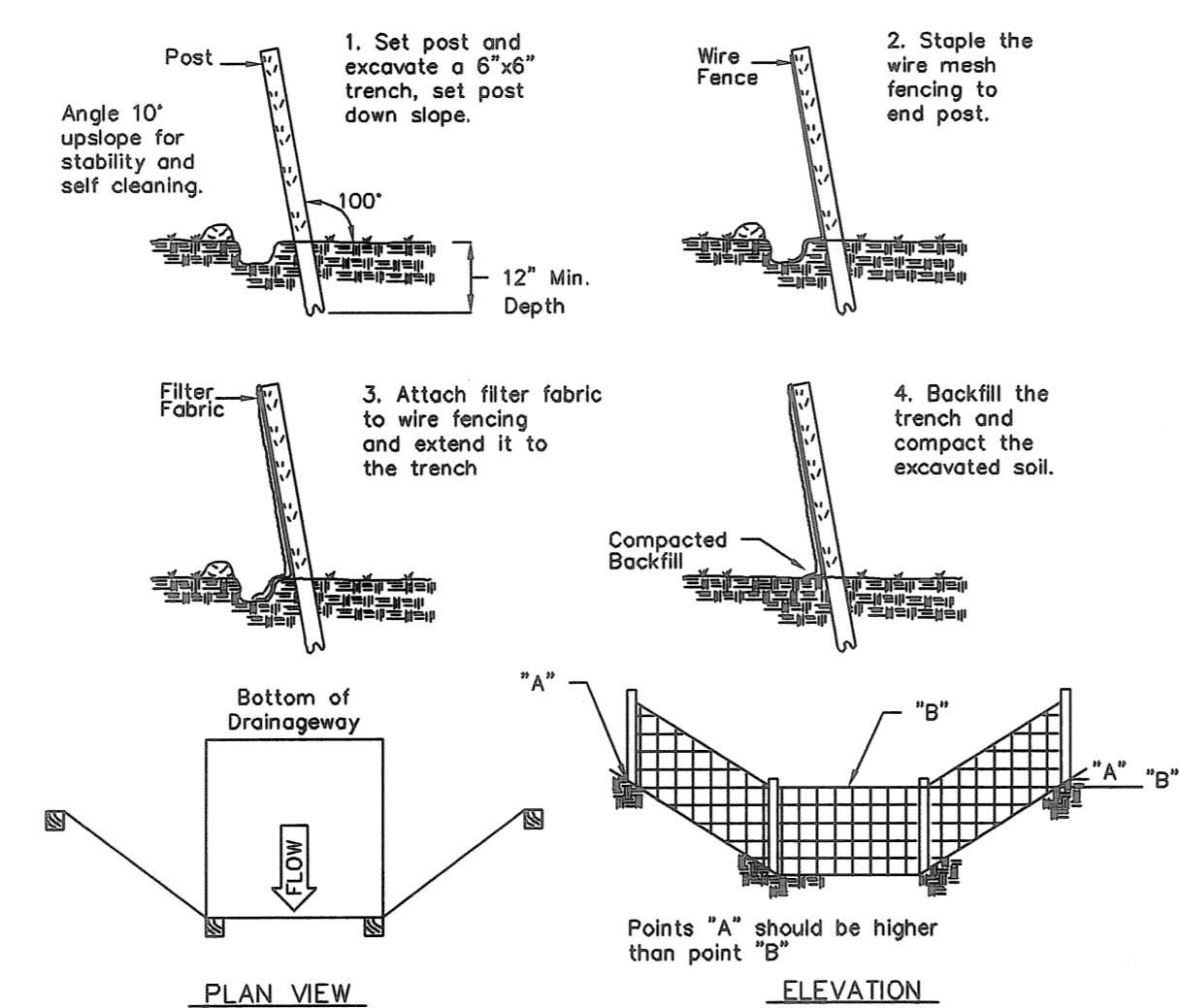
**TRAFFIC SIGN POST WITH BREAKAWAY TYPE II INSTALLATION**



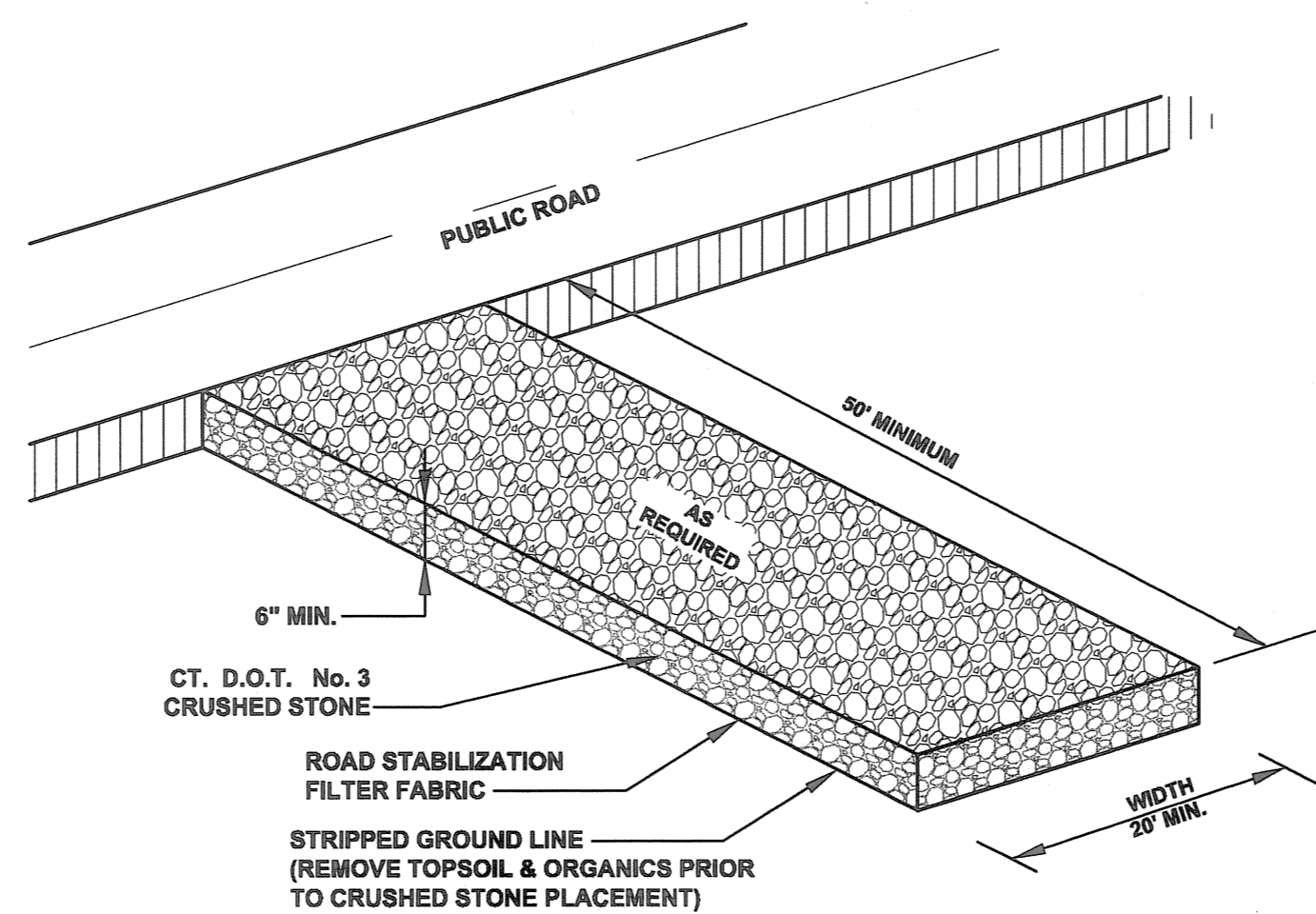
**STONE CHECK DAM SECTION VIEW**



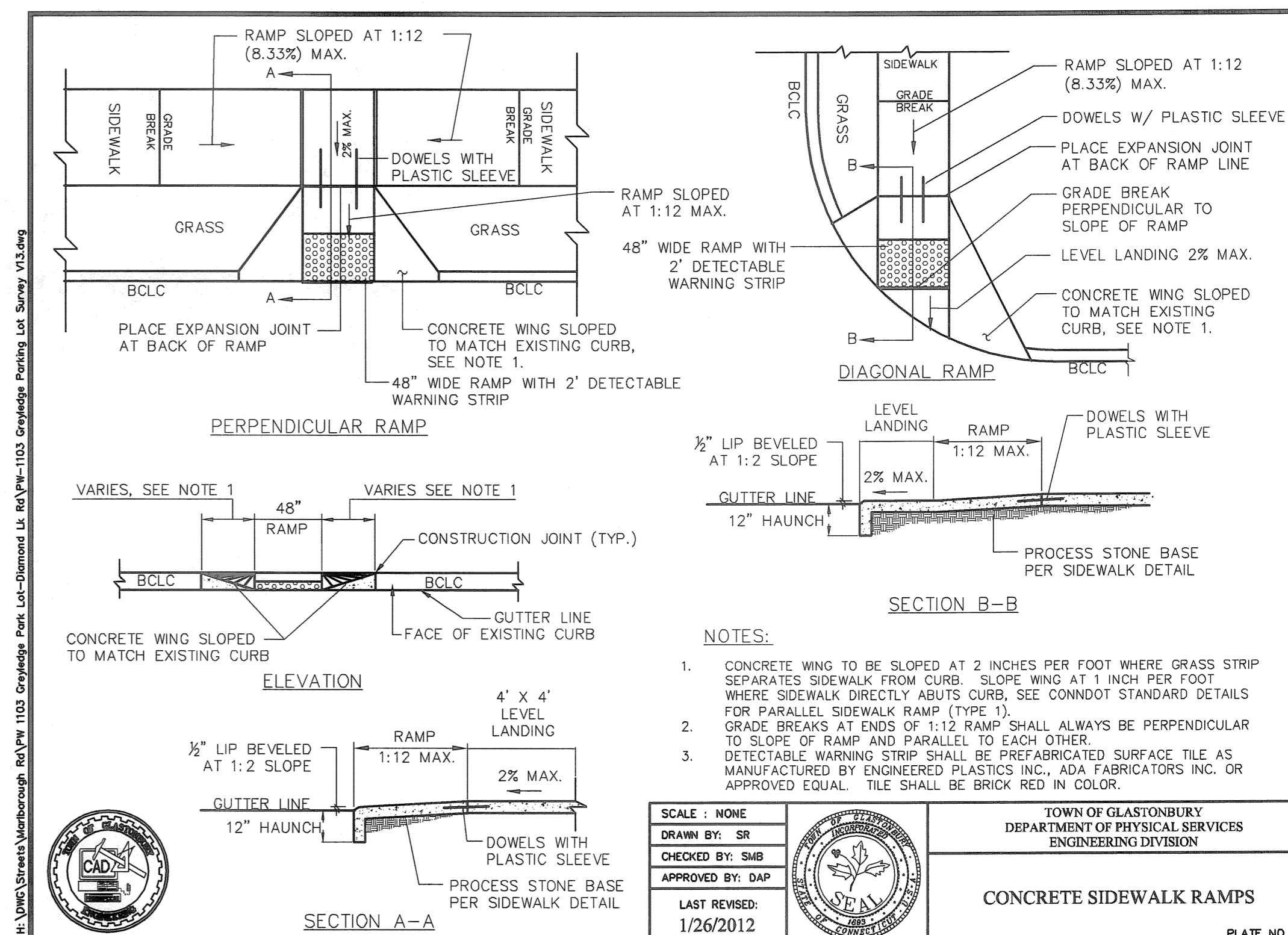
**STONE CHECK DAM ELEVATION VIEW**  
**STONE CHECK DAM DETAIL**  
NOT TO SCALE



**PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER**

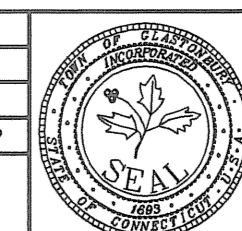


**ANTI-TRACKING PAD CONSTRUCTION ENTRANCE**  
NOT TO SCALE



- NOTES:**
- CONCRETE WING TO BE SLOPED AT 2 INCHES PER FOOT WHERE GRASS STRIP SEPARATES SIDEWALK FROM CURB. SLOPE WING AT 1 INCH PER FOOT WHERE SIDEWALK DIRECTLY ABUTS CURB, SEE CONDOT STANDARD DETAILS FOR PARALLEL SIDEWALK RAMP (TYPE 1).
  - GRADE BREAKS AT ENDS OF 1:12 RAMP SHALL ALWAYS BE PERPENDICULAR TO SLOPE OF RAMP AND PARALLEL TO EACH OTHER.
  - DETECTABLE WARNING STRIP SHALL BE PREFABRICATED SURFACE TILE AS MANUFACTURED BY ENGINEERED PLASTICS INC., ADA FABRICATORS INC. OR APPROVED EQUAL. TILE SHALL BE BRICK RED IN COLOR.

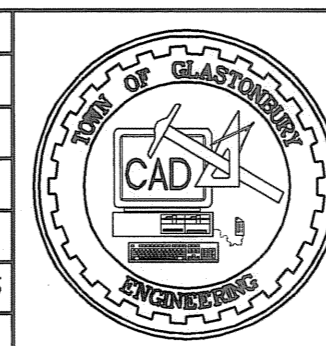
SCALE: NONE  
DRAWN BY: ST  
CHECKED BY: S.M.B.  
APPROVED BY: D.A.P.  
LAST REVISED: 1/26/2012



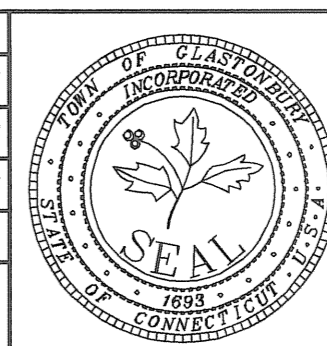
TOWN OF GLASTONBURY  
DEPARTMENT OF PHYSICAL SERVICES  
ENGINEERING DIVISION  
**CONCRETE SIDEWALK RAMPS**  
PLATE NO. 7

Certified to be substantially correct  
**DANIEL A. PENNINGTON P.E. Reg. No. 20101**

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SCALE: AS SHOWN  
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APPROVED BY: D.A.P.  
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**DETAILS**  
**PROPOSED PARKING LOT**  
for  
**GREYLEDGE OPEN SPACE**  
**MARLBOROUGH ROAD**  
**GLASTONBURY, CONNECTICUT**

SHEET NO.  
**3**  
OF 3