

TOWN OF GLASTONBURY

INVITATION TO BID

<u>BID #</u>	<u>ITEM</u>	<u>DATE & TIME REQUIRED</u>
GL-2018-09	Hebron Avenue (Rte. 94) Fence Replacement located along the existing Multi Use Trail	October 12, 2017 at 11:00 A.M.

The Town of Glastonbury will receive sealed bids, in duplicate, for the removal/disposal of approximately 2,500 L.F. of existing cedar three rail fence and replacement with a pressure treated three rail fence located on Hebron Avenue (Rte 94) along the Multi Use Trail in the locations depicted on the plans and details contained within the specifications. Also included in this bid is furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access to the work zone, vegetation clearing, removal, and disposal within five (5) feet of the proposed fence location. Bids will be received only at the Office of the Purchasing Agent, Town Hall (second level), 2155 Main Street, Glastonbury, CT 06033, Attention: Mary F. Visone, Purchasing Agent, until October 12, 2017 at 11:00 A.M. (local time), at which time they will be publicly opened and read aloud. No late bids will be accepted.

The Town reserves the right to waive informalities or reject any or all bids when said action is deemed to be in the best interests of the Town.

Bid Forms, Plans and Specifications may be obtained at no cost from the Town's website at www.glastonbury-ct.gov

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

Mary F. Visone
Purchasing Agent

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL**

BID #GL-2018-09

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**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
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INFORMATION FOR BIDDERS**

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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 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 bid total cost unless otherwise specified. The bid total cost shall be arrived at by the mathematical calculation of the unit price multiplied times the number of units specified for each line item, and the total sum of all line items in the bid. In the event that the Town finds computational errors in a respondent's bid proposal, the bid total cost shall be recalculated by the Town based on the unit prices contained in the bid proposal.
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.
6. 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 this 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 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. 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. A 100% Performance and Payment bond are 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

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- 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's purchase order number. Each shipping container shall clearly indicate both Town 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 and revised October 29, 2013 and effective November 28, 2013. 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. Upon entering the website scroll down to click on **Bids & Proposals Icon** which will bring you to the links for the **Code of Ethics** and the **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:** (if applicable)
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. It is the responsibility of the bidder to check the Town's website before submitting bid for addendums posted prior to bid opening.
 20. OSHA SAFETY AND HEALTH CERTIFICATION

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Effective July 1, 2009: Any Mechanic, Laborer, or Worker, who performs work in a classification listed on the prevailing wage rate schedule on any public works project covered under C.G.S. Section 31-53, both on site and on or in the public building, must have completed a federal OSHA Safety and Health course within the last 5 years.

21. Each bid shall also include a description of three (3) projects completed by the bidder with references to demonstrate successful experience with similar projects.

22. **Compliance with Town Ordinance Prohibiting Natural Gas Waste & Oil Waste From Natural Gas Extraction Activities or Oil Extraction Activities:** If this bid is for the construction, repair or maintenance of Town owned and/or maintained roads or real property within the Town related to either (a) the purchase or acquisition of materials by the Town to be used to construct, repair or maintain any Town owned and/or maintained road or real property within the Town or (b) the performance of services for the Town to construct, repair or maintain any Town owned and/or maintained road or real property within the Town, the bidder shall provide the following signed statement to the Town in its bid response, which shall be a certification under penalty of perjury by the bidder:

*"The undersigned bidder, _____, hereby submits a bid for materials, equipment and/or services for the Town of Glastonbury. The bid is for bid documents titled **Hebron Avenue (Rte. 94) Fence Replacement.***

The undersigned bidder hereby certifies under penalty of perjury that in connection with the bid and, if it is awarded the purchase order or contract by the Town, in connection with any purchase order or contract: (a) no materials containing natural gas waste or oil waste from natural gas extraction activities or oil extraction activities shall be provided to the Town or shall be used in providing any services to the Town by the undersigned bidder or any contractor, sub-contractor or agent of the undersigned bidder; (b) nor will the undersigned bidder or any contractor, sub-contractor or agent of the undersigned bidder apply any natural gas waste or oil waste from natural gas extraction activities or oil extraction activities to any publicly owned and/or maintained road or real property within the Town of Glastonbury in performing its obligations under the purchase order or contract.

The undersigned bidder hereby agrees and acknowledges that this requirement shall be a term of the purchase order or contract, if it is awarded the purchase order or contract by the Town, and any breach of this provision shall be a breach of the purchase order or contract."

IMPORTANT: Failure to comply with general rules may result in disqualification of the Bidder.

NOTE: Any technical questions regarding this bid shall be made in writing (email acceptable) and directed to Stephen M. Braun, P.E., Assistant Town Engineer, 2155 Main Street, PO Box 6523, Glastonbury, CT 06033; Stephen.braun@glastonbury-ct.gov . Telephone (860) 652-7743 between the hours of 8:00 a.m. – 4:30 p.m. For administrative questions concerning this bid/proposal, please contact Mary F. Visone, Purchasing Agent, at (860) 652-7588 or email the Purchasing Department at 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 (Upon entering the website scroll down to click on Bids & Proposals Icon, then scroll down page to see the active bid table. You must click the Bid Title to view all bid details and document links). The request must be received at least five (5) 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.**

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GENERAL CONSTRUCTION SPECIFICATIONS**

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01.00 WORKMANSHIP, MATERIALS AND EMPLOYEES

01.01 Wherever in this contract the word "Engineer" is used, it shall be understood as referring to the Assistant Town Engineer acting through any assistants duly authorized.

01.02 The entire work described herein shall be completed in accordance with the plans and specifications to the full intent and meaning of the same. Unless otherwise specified, all materials incorporated in the permanent work shall be new, and both workmanship and material shall be of good quality. The Contractor shall, if required, furnish satisfactory evidence as to the kind and quality of materials.

01.03 The wording "furnish", "install", "construct", "furnish and install", or any similar terms, unless specifically noted to the contrary, shall include all labor, materials, water, tools, equipment, light, power, transportation, and any other services required for the completion of the work.

01.04 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.

02.00 SUPERINTENDENT

02.01 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.

03.00 PRECONSTRUCTION MEETING

03.01 A Preconstruction Meeting will be held with the Engineer, Contractor, and any private utility company prior to commencing any work. The Engineer shall arrange the meeting based on a mutually convenient time.

04.00 PERMITS

04.01 Other than local permits, all permits, licenses, and fees required for the performance of the Contract work shall be secured and paid for by the Contractor.

04.02 The Contractor shall adhere to all conditions outlined within the Connecticut Department of Transportation Encroachment Permit obtained by the Town of Glastonbury for work be performed within the Right of Way of Hebron Avenue (Rte. 94).

05.00 PROPERTY ACCESS

05.01 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.

05.02 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.

05.03 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.

06.00 PROTECTION OF THE PUBLIC AND OF WORK AND PROPERTY

06.01 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.

06.02 The Contractor shall adequately protect adjacent private and public property as provided by law and the Contract Documents.

06.03 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.

07.00 EXISTING IMPROVEMENTS

07.01 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 near as practical, all improvements on public or private property. This shall include:

- a. Property within and adjacent to the side of installation such as shrubs, walks, driveways, fences, etc.
- b. Utility mains, ducts, poles, and services. The Contractor is hereby notified that utilities, if/where shown on the plans, are at approximate locations. These locations are subject to possible errors in the source of information and errors in transcription. The Contractor shall make certain of the exact location of all mains, ducts, poles, and services prior to excavation.

08.00 SEPARATE CONTRACTS

08.01 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 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.

09.00 INSPECTION OF WORK

09.01 The Town shall provide sufficient personnel for the inspection of the work.

09.02 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.

09.03 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.

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09.04 Reinspection 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 reinspection and replacement. If such work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10.00 RIGHT TO INCREASE OR DECREASE WORK

10.01 The Town shall have the right to increase or decrease the amount of work herein specified as may be required.

11.00 RIGHT OF ENGINEER TO STOP WORK FOR WEATHER CONDITIONS

11.01 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 streets in proper condition for use by the public during the time the work is suspended as herein provided, without cost to the Town.

12.00 CONTRACTOR TO BE RESPONSIBLE FOR IMPERFECT WORK OR MATERIALS

12.01 Any faithful work or imperfect material that may be discovered before the acceptance and the payment of the work 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 construct work in the proper manner and the use of materials herein specified.

13.00 TOWN MAY NOTIFY CONTRACTOR IF WORK IS NOT CARRIED ON SATISFACTORILY

13.01 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 or the Contract and specifications, the Engineer may serve notice on the Contractor to adopt such methods as will ensure the completion of the work in the time specified.

13.02 If, within five 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.

13.03 Additional costs incurred over and above the original Contract shall be borne by the Performance Bond.

14.00 DEDUCTIONS FOR UNCORRECTED WORK

14.01 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 therefor.

14.02 The Contractor shall promptly remove from the premises all materials condemned by the Engineer as failing to meet Contract requirements, whether incorporated in the work or

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not, and the Contractor shall promptly replace and re-execute his own work in accordance with the Contract and without expense to the Town, and shall bear the expense of making good all work by other contractors destroyed or damaged by such removal or replacement.

14.03 If the Contractor does not remove such condemned work and materials as promptly as possible after written notice, the Engineer may remove them and store the materials at the expense of the Contractor.

15.00 CLEANING UP

15.01 The Contractor must remove all debris of every description as the work progresses and leave the surroundings in a neat and orderly condition to the satisfaction of the Engineer.

15.02 Upon completion, and before acceptance and final payment, the Contractor shall remove from the site all equipment, forms, surplus material, rubbish and miscellaneous debris and leave the site in a neat and presentable condition.

16.00 ROYALTIES AND PATENTS

16.01 The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Town of Glastonbury harmless from loss on account thereof, except that the Town of Glastonbury shall be responsible for all such loss when a particular manufacturer, product, or process is specified by the Town of Glastonbury.

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01.00 NOTICE TO CONTRACTOR

01.01 Intent of Contract: The intent of the Contract is to prescribe a complete work or improvement that the Contractor undertakes to do, in full compliance with the specifications, plans, special provisions, proposal, and Contract. The Contractor shall perform all work in close conformity with the lines, grades, typical cross-sections, dimensions, and other data shown on the plans or as modified by written orders, including the furnishing of all materials, implements, machinery, equipment, tools, supplies, transportation, labor, and all other things necessary to the satisfactory prosecution and completion of the project.

01.02 The Contractor is hereby alerted to the fact that the State of Connecticut Department of Transportation Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 817 (Form 817) are the governing specifications and are to be considered part of the Contract Documents. The Form 817 shall not be provided by the Town and any cost associated therewith shall be the responsibility of the Contractor. In case of any discrepancy between the Contract Drawings or Specifications and the Form 817, the matter shall immediately be submitted to the Engineer. The Engineer shall have sole authority in resolving any discrepancies.

01.03 Much time and effort has gone into this project in an effort to minimize impact on trees and adjacent properties. Extreme care shall be taken by the Contractor to honor commitments made by the Town. Prior to doing any work, the Contractor should meet with the Engineer to become familiar with the conditions encountered and commitments made.

01.04 Traffic Cones and Drums: Traffic Drums and 42-inch Traffic Cones shall have four six-inch wide stripes (two - white and two - orange) of flexible bright fluorescent sheeting. The material for the stripes shall be one of the following, or approved equal:

- 3M Scotchlite Diamond Grade Flexible Work Zone Sheeting, Model 3910 for the white stripes and Model 3914 for the orange stripes,
- Avery Dennison WR-7100 Series Reboundable Prismatic Sheeting, Model WR-7100 for the white stripes and Model WR-7114 for the orange stripes.

01.05 NCHRP 350 Requirements For Work Zone Traffic Control Devices:
CATEGORY 1 DEVICES (traffic cones, traffic drums, tubular markers, flexible delineator posts): Prior to using the Category 1 Devices on the project, the Contractor shall submit to the Engineer a copy of the manufacturer's self-certification that the devices conform to NCHRP Report 350.

CATEGORY 2 DEVICES (construction barricades, construction signs and portable sign supports): Prior to using Category 2 Devices on the project, the Contractor shall submit to the Engineer a copy of the Letter of Acceptance issued by the FHWA to the manufacturer documenting that the devices (both sign and portable support tested together) conform to NCHRP Report 350 (TL-3).

NOTE: The portable wooden sign supports that have been traditionally used by most contractors in the State of Connecticut do NOT meet NCHRP Report 350 criteria and shall not be utilized on any project advertised after October 01, 2000.

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Information regarding NCHRP Report 350 devices may be found at the following web sites:

FHWA: http://safety.fhwa.dot.gov/roadway_dept/road_hardware/index.htm

ATSSA: <http://www.atssa.com/resources/NCHRP350Crashtesting.asp>

01.06 Contractor is responsible for furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access within or near the work zone. Multi-Use Trail closure signs shall be utilized at both ends of the work zone.

01.07 Contractor is required to confine his work zone to the area of the Multi-Use Trail behind the metal beam guide rail. No staging will be allowed within the Hebron Avenue (Rte. 94) shoulder or travelway.

01.08 Contractor is responsible for all vegetation clearing, removal, and disposal within five (5) feet of the proposed fence location.

02.00 COMMUNICATIONS

02.01 All notices, demands, requests, instructions, approvals, proposals, and claims must be in writing.

02.02 Any notice to, or demand upon, the Contractor shall be sufficiently given if delivered at the office of the Contractor stated on the signature page of the Agreement (or at such other office as the Contractor may, from time to time, designate) in a sealed, postage-prepaid envelope or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to such office.

02.03 All papers required to be delivered to the Town shall, unless otherwise specified in writing to the Contractor, be delivered to the Town Engineer/Manager of Physical Services, 2155 Main Street, Glastonbury, CT 06033, and any notice to, or demand upon, the Town shall be delivered at the above address in a sealed, postage-prepaid envelope or delivered with charges prepaid to any telegraph company for transmission, in each case addressed to such office or to such other representatives of the Town, or to such other address as the Town may subsequently specify in writing to the Contractor for such purpose.

02.04 Any such notice shall be deemed to have been given as of the time of actual delivery or, in case of mailing, when the same should have been received in due course of post or, in the case of telegrams, at the time of actual receipt, as the case may be.

03.00 PARTIAL USE OF IMPROVEMENTS

03.01 The Town may, at its election, give notice to the Contractor and place in use those sections of the work that have been completed, inspected and can be accepted as complying with the Contractor Documents and if, in its opinion, each such section is reasonably safe and fit for the use and accommodation for which it was intended, provided:

- a. The use of such sections of the work shall not materially impede the completion of the remainder of the work by the Contractor.
- b. The Contractor shall not be responsible for any damages or maintenance costs due directly to the use of such sections.

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- c. The use of such sections shall in no way relieve the Contractor of his liability due to having used defective materials or to poor workmanship.
- d. The period of guarantee shall not begin until the date of the final acceptance of all work required under this Contract.

04.00 INSURANCE

04.01 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. **These requirements shall be clearly stated in the remarks section on the Bidders 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:

- a. 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 in favor of the Town of Glastonbury and its employees and agents.
- b. Commercial General Liability:
 - Including Premises and 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 in favor of the Town of Glastonbury and its employees and agents.
- c. Automobile Insurance:
 - Including all owned, hired, borrowed, and non-owned vehicle
 - Limit of Liability for Bodily Injury and Property Damage
Per Accident: \$1,000,000
 - A Waiver of Subrogation shall be provided in favor of the Town of Glastonbury and its employees and agents.
- d. Umbrella of Excess Liability:
 - State in the Remarks Section that coverage is follow form.
 - Limit of Liability Each Occurrence \$1,000,000
Aggregate \$1,000,000

04.02 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

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advance with written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage. The Bidder shall provide the Town copies of any such insurance policies upon request.

- 04.03 INDEMNIFICATION: To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Town 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 Contractor'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 Contractor, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Contractor to perform or furnish either of the services, or anyone for whose acts the Contractor may be liable.

05.00 WORK BY OTHERS

- 05.01 Private utilities, contractors, developers or other parties may be expected to be working within the Contract area during this Contract. It shall be the responsibility of the Contractor to coordinate his work with the work being done by others in order that the construction shall proceed in an efficient and logical manner. The Contractor shall have no claim or claims whatever against the Town, the Engineer, or other parties due to delays or other reasons caused by the work by others or his failure to coordinate such work.

06.00 CONTRACTOR'S WORK AND STORAGE AREA

- 06.01 The Contractor shall contact the Town to determine if any specific locations will be designated, or gain its approval prior to using any area for storage of equipment, materials and trailers during the period of this Contract. The Contractor shall confine his work/storage area to the limits as designated or approved and shall be responsible for the security of the work/storage area. Upon completion of the Contract, the Contractor shall remove all equipment and materials, except as otherwise specified, and restore the site to its original condition as approved by the Engineer and at no cost to the Town.

07.00 DISPOSAL AREA

- 07.01 The Tryon Street Bulky Waste Facility will be available to the Contractor, at no charge, for disposal of materials that are accepted at that facility. Waste disposal guidelines for the Bulky Waste facility are published on the Town web site at the address shown below. Each bidder shall have reviewed and understand these guidelines prior to submitting a bid for the project.

<http://www.glastonbury-ct.gov/Modules/ShowDocument.aspx?documentid=699>

Acceptable materials generally include such materials as brush, stumps, demolition materials, and excess excavated earth materials. Unacceptable materials generally include such items as carpet, appliances, upholstered furniture; hazardous wastes such as pesticides, oil based paints and thinners; or other wastes as designated by the State Department of Environmental Protection. Demolition material cannot contain asbestos or other hazardous materials.

The Contractor shall obtain a disposal area for all other unsuitable or surplus materials at no cost to the Town.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL CONDITIONS**

BID #GL-2018-09

08.00 DUST CONTROL

08.01 During the progress of the work, the Contractor shall conduct his operations and maintain the area of his activities so as to minimize the creation and dispersion of dust. If the Engineer decides that it is necessary to use water or calcium chloride for more effective dust control, the Contractor shall furnish and spread the material, as directed, without additional compensation.

09.00 MAINTENANCE / GUARANTEE PERIOD

09.01 The Contractor shall be held responsible to the Town for maintenance for a minimum of one-year following completion of all work under this Contract with respect to defects, settlements, etc.

10.00 PROTECTION OF EXISTING UTILITIES

10.01 Prior to opening an excavation, effort shall be made to determine whether underground installations, (i.e., sewer, water, fuel, electric lines, etc.) will be encountered and, if so, where such underground installations are located. Before starting any excavation, the Contractor shall submit to the Engineer plans or details showing the proposed method the Contractor will use to support and protect all existing utilities during construction. The furnishing of such plans and details shall not serve to relieve the Contractor of any responsibility for the proper conduct of the work.

10.02 When the excavation approaches the estimated location of such an installation, the exact location shall be determined by careful probing or hand digging, and when it is uncovered, proper supports shall be provided for the existing installation. Utility companies shall be contacted and advised of proposed work prior to the start of actual excavation.

10.03 There will be no extra payment for submitting plans or details for supporting and protecting all existing utilities during construction.

11.00 TIME FOR COMPLETION/NOTICE TO PROCEED

11.01 **It the Town's intent that completion of the work included in this contract be achieved on or before November 30, 2017.** As such, the Town will schedule a pre-construction meeting immediately upon award of this contract and will issue a Notice to Proceed at this meeting. Contractors who submit a bid for this project shall be prepared to respond to this schedule, and include all costs related to this schedule in their bid.

Within ten (10) business days after the date of the Notice of Award, the Contractor must provide the appropriate bond and insurance certificates to the Town Purchasing Agent and must be issued a Notice to Proceed / Purchase Order for the Project prior to initiating any work.

12.00 SCHEDULE OF DRAWINGS

12.01 The Contractor is hereby alerted that the plans and details located in Attachment B are to be considered part of these specifications.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL CONDITIONS**

BID #GL-2018-09

13.00 CHANGES IN THE WORK

13.01 The Town reserves the right to perform portions of the work in connection with these plans and specifications. The reduction in the work to be performed by the Contractor shall be made without invalidating the Contract. Whenever work is done by the Town contiguous to other work covered by this Contract, the Contractor shall provide reasonable opportunity for the execution of the work and shall properly coordinate his work with that of the Town.

14.00 REMOVAL AND STORAGE OF MATERIALS AND STRUCTURES FOUND ON THE WORK

14.01 All salvable materials, including topsoil, gravel, fill materials, etc. and structures, including drainage pipes, catch basins and manhole frames and covers, guide railing, etc. that are not to remain in place or that are not designated for use in the work, shall be carefully removed by the Contractor and stored at such places as directed by the Engineer. All salvable materials removed and stored shall remain the property of the Town. The Engineer shall determine the materials or structures to be salvaged.

15.00 PROSECUTION AND PROGRESS

15.01 **ADVANCE NOTICE:** The Contractor shall give the Engineer a seven-day advance written notice of construction activities that will alter traffic patterns that result in lane shifts, detours, temporary closures of lane(s), permanent closure of lane(s), or lane reductions. This advance notification will allow the Town to publish news releases and/or provide public radio announcements to inform the public of revised traffic patterns or possible traffic delays. Failure of the Contractor to provide such timely notice shall be considered a breach of Contract and will subject the Contractor to stop work orders until such time as the seven-day notice has been satisfied.

15.02 **ALLOWABLE HOURS OF OPERATION (WORK PERIOD):**

Any work on or abutting a state road, Route 94 (Hebron Avenue) shall be conducted as described by the ConnDOT Encroachment Permit issued for each location, including any restrictions on work hours.

Work on weekends or during time periods other than those described above will not be permitted. No work will be allowed on designated Town Holidays unless permission is granted by the Town.

15.03 **OTHER LIMITATIONS:**

Contractor is required to confine his work zone to the area of the Multi-Use Trail behind the metal beam guide rail. No staging will be allowed within the Hebron Avenue (Rte. 94) shoulder or travelway.

The field installation of a signing pattern shall constitute interference with existing traffic operations and shall not be allowed except during the allowable periods.

The Contractor shall ensure that suitable temporary access is provided to all residential and commercial driveways at all times as described in the Special Provision for Maintenance and Protection of Traffic.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL CONDITIONS**

BID #GL-2018-09

16.00 EXTRA WORK AND RETAINAGE

16.01 Extra and cost plus work shall be governed by Article 1.04.05 and Article 1.09.04 of the Form 817.

16.02 Retainage shall be governed by Article 1.09.06 of the Form 817, except that the retainage amount shall be equal to five (5) percent.

17.00 SUBMITTALS AND MATERIALS TESTING

17.01 Required submittals are outlined in Section 1.06 Control of Materials of the Special Provisions. The Contractor shall provide source and supply information, sieve analysis, and material samples for gravel subbase, process stone base, modified riprap, and other granular materials to the Town for review and approval. The Town shall retain a lab for testing of these materials as required and shall perform in place compaction testing at no expense to the Contractor.

17.02 Shop drawings / catalog cuts shall be provided by the Contractor for all pre-cast concrete structures, pipes and fittings, erosion control products, seed mixes, and other items to be supplied for review and approval by the Engineer as described in the specifications and the Form 817.

17.03 Certified Materials Test Reports and Materials Certificates shall be provided for all products and materials to be provided under this contract as described in these specifications and the Form 817.



TOWN OF GLASTONBURY * 2155 MAIN STREET * GLASTONURY * CT

BID / PROPOSAL NO: GL-2018-09 DATE DUE: OCTOBER 12, 2017
DATE ADVERTISED: SEPTEMBER 28, 2017 TIME DUE: 11:00 AM
NAME OF PROJECT: Hebron Avenue (Rte. 94) Fence Removal and Replacement located along the existing Multi Use Trail

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)

OTHER ITEMS REQUIRED WITH SUBMISSION OF BID PROPOSAL:

The following bid checklist describes items required for inclusion with the above-referenced bid proposal package. It is provided for the convenience of the bidders and, therefore, should not be assumed to be a complete list.

- _____ 1. Included Bid Bond as per Section 10 of the Information for Bidders.
- _____ 2. Included Disclosure of Past and Pending Mediation, Arbitration, and Litigation cases against the Bidder or its Principals as per Section 17 of the Information for Bidders.
- _____ 3. Included Qualifications Statement as per Section 21 of the Information for Bidders.
- _____ 4. Checked Town web site for Addenda and acknowledged Addenda on page BP-1.
- _____ 5. Acknowledged Non-Collusion Affidavit on page BP-3.
- _____ 6. Acknowledged Code of Ethics on page BP-3.
- _____ 7. Clearly marked envelope with Bid Number, Date, Time of opening, Bidder's Company Name and address.
- _____ 8. Included Affidavit in compliance with Town ordinance prohibiting natural gas waste & oil waste from natural gas extraction activities or oil extraction activities as per Section 22 of the Information for Bidders.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
 LOCATED ALONG THE MULTI USE TRAIL
 BID PROPOSAL**

BID #GL-2018-09

BIDDER NAME: _____

<u>LINE NO.</u>	<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>EXT</u>
-----------------	-----------------	-------------------------	-------------	------------	-------------------	------------

1	0906216	A PRESSURE TREATED POST AND BOARD FENCE	L.F.	2,500		
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TOTAL BASE BID AMOUNT: \$ _____
 (Numeric)

WRITTEN TOTAL BASE BID AMOUNT: _____

NON-COLLUSION AFFIDAVIT:

By submission of this bid, the Bidder certifies, and in the case of a joint bid each party thereto certifies as to their own organization that this bid has been arrived at independently without consultation, communication, or agreement as to any matter relating to this bid with any other Bidder or with any competitor.

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.

Respectfully submitted:

 Type or Print Name of Individual

 Doing Business as (Trade Name)

 Signature of Individual

 Street Address

 Title

 City, State, Zip Code

 Date

 Telephone Number/Fax Number

 E-Mail Address

 SS# or TIN#

(Seal – If bid is by a Corporation)

Attest

Affidavit in Compliance with Town of Glastonbury Ordinance Prohibiting Natural Gas Waste & Oil Waste From Natural Gas Extraction Activities or Oil Extraction Activities:

"The undersigned bidder, _____,
(Name of Bidder)

hereby submits a bid for materials, equipment and/or services for the Town of Glastonbury. The bid is for bid documents titled **GL-2018-09 Hebron Avenue (Rte. 94) Fence Replacement located along the Multi Use Trail.**

The undersigned bidder hereby certifies under penalty of perjury that in connection with the bid and, if it is awarded the purchase order or contract by the Town, in connection with any purchase order or contract: (a) no materials containing natural gas waste or oil waste from natural gas extraction activities or oil extraction activities shall be provided to the Town or shall be used in providing any services to the Town by the undersigned bidder or any contractor, sub-contractor or agent of the undersigned bidder; (b) nor will the undersigned bidder or any contractor, sub-contractor or agent of the undersigned bidder apply any natural gas waste or oil waste from natural gas extraction activities or oil extraction activities to any publicly owned and/or maintained road or real property within the Town of Glastonbury in performing its obligations under the purchase order or contract.

The undersigned bidder hereby agrees and acknowledges that this requirement shall be a term of the purchase order or contract, if it is awarded the purchase order or contract by the Town, and any breach of this provision shall be a breach of the purchase order or contract."

Signature of Bidder _____

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL**

BID #GL-2018-09

SPECIAL PROVISIONS

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL PROVISIONS**

BID #GL-2018-09

INDEX OF SPECIAL PROVISIONS

SECTION 1.05 CONTROL OF THE WORK.....2
SECTION 1.06 CONTROL OF MATERIALS3
ITEM # 0906216A PRESSURE TREATED POST AND BOARD FENCE4

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL PROVISIONS**

BID #GL-2018-09

SECTION 1.05 CONTROL OF THE WORK

Article 1.05.02 - Plans, Working Drawings and Shop Drawings is supplemented as follows:

Subarticle 1.05.02 - (2) is supplemented by the following:

The Contractor shall prepare and submit two (2) sets of catalog cuts and/or shop drawings for all items listed in Section 1.06 to the Town of Glastonbury Engineering Division for approval before ordering or fabricating any materials required for this project.

Please forward to:

Stephen Braun, P.E.
Assistant Town Engineer
2155 Main Street, P.O. Box 6523
Glastonbury, CT 06033-6523
Stephen.braun@glastonbury-ct.gov

Following approval of the shop drawings, the Engineer will provide two hard copies or one PDF document to the contractor. Engineer will retain one hard copy of the approved shop drawings.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL PROVISIONS**

BID #GL-2018-09

SECTION 1.06 CONTROL OF MATERIALS

Article 1.06.01 - Source of Supply and Quality:

Add the following:

For the following items the contractor shall submit a complete description of the item, working drawings, catalog cuts and other descriptive literature which completely illustrates such items presented for formal approval. Such approval shall not change the requirements for a certified test report and materials certificate as may be called for. All shop drawings shall be submitted at one time, unless otherwise approved by the Engineer.

1. Pressure Treated Fence Post and Rail Materials
2. Galvanized Fasteners-Pressure Treated Fence

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL PROVISIONS**

BID #GL-2018-09

ITEM # 0906216A PRESSURE TREATED POST AND BOARD FENCE

Description:

The work under this item shall consist of furnishing and installing a 48-inch tall fence consisting of 6" x 6" pressure treated posts with three 2" x 6" pressure treated rails installed two (2) feet from the edge of the existing multi-use trail located on Hebron Avenue (Rte. 94) as shown on the plans and details or as directed by the Engineer.

Also included under this item is vegetation clearing, removal, and disposal five (5) feet beyond the fence limits, removal and disposal of the existing three rail cedar fence including backfilling of the existing post holes, furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access to the work zone as required or directed by the Engineer. Contractor is required to confine his work zone to the area of the Multi-Use Trail behind the metal beam guide rail. No staging will be allowed within the Hebron Avenue (Rte. 94) shoulder or travelway.

Contractor shall submit shop drawings with details of materials, layout, fabrication and attachment for review and approval by the Engineer.

Materials:

WOOD TREATMENT: Shall comply with American Wood Preservers Association (AWPA) standards for wood preservative treatment scheduled, FS TT-W-550 Wood Preservative – Chromated Copper Arsenate, and FS TT-W-571 Wood Preservative – Treating Practices. The treating plant shall imprint legible symbols in the end of all timber treated, indicating the name of the treating company and the type and year of treatment in accordance with AWPA Standards M1 and M6.

TIMBERS: Shall be Rough Sawn, No. 2 or better Southern Yellow Pine timbers. Pressure impregnated with waterborne CCA preservative. Treat to a minimum retention of .40 lbs per cubic foot. Timbers shall be properly seasoned when dressed and at time of treatment to 20% maximum moisture content. Air or kiln dry after treatment.

6" x 6" Timber posts shall be suitable material for ground contact.

GALVANIZED FASTENERS: Shall comply with Section M.06.02-1 and 3(d) and M.06.03 of the Form 817.

Construction Methods:

Contractor is responsible for clearing, removal, and disposal of all vegetation within five (5) feet of the proposed fence location.

Contractor is required to confine his work zone to the area of the Multi-Use Trail behind the metal beam guide rail. No staging will be allowed within the Hebron Avenue (Rte. 94) shoulder or travelway.

Contractor is responsible for furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access to the work zone as required and/or directed by the Engineer

Existing three rail cedar fence shall be completely removed and disposed of. All existing post holes shall be backfilled and compacted.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
SPECIAL PROVISIONS**

BID #GL-2018-09

Excavate post holes into firm undisturbed or compacted earth as detailed to a depth of 42". Install 4" of ¾" washed stone in the bottom of the post hole and thoroughly compact. Install and align each post both vertically and laterally. Install 2" of additional ¾" washed stone along the edge of the post and thoroughly compact. Install compacted soil in uniform lifts to existing grade.

Install 2" x 6" Pressure Treated rails, accurately to required lines and levels, true, plumb and level. Top, center rail shall be set at a minimum of 42" above grade. Additional rails shall be spaced evenly. Pre-drill and fasten pressure treated rails utilizing 3/8" x 5" galvanized lag bolts and washers.

Clean up during installation and upon completion of fencing work. Remove from site all waste and excess materials, debris, tools, and equipment. Repair any damage resulting from fence installation.

Method of Measurement:

The work will be measured for payment by the accepted number of linear feet of "PRESSURE TREATED POST AND BOARD FENCE", complete and in place.

Removal and disposal of the existing Three (3) Rail Cedar Fence including backfilling of the existing post holes will not be measured for payment, but the cost shall be considered included in the bid price for "PRESSURE TREATED POST AND BOARD FENCE".

Vegetation clearing, removal, and disposal within five (5) feet of the proposed fence location will not be measured for payment, but the cost shall be considered included in the bid price for "PRESSURE TREATED POST AND BOARD FENCE".

Furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access to the work zone will not be measured for payment, but the cost shall be considered included in the bid price for "PRESSURE TREATED POST AND BOARD FENCE".

Basis of Payment:

Work completed under this item shall be paid for at the contact unit price per linear foot of "Pressure Treated Post and Board Fence" as listed in the bid proposal, which price shall include vegetation clearing, removal, and disposal five (5) feet beyond the fence limits, furnishing, installing, and relocating work zone warning signs related to pedestrian/vehicular access to the work zone, removal and disposal of the existing cedar fence posts and rails, backfilling of existing post holes, excavation of proposed fence post holes, installation and compaction of ¾" washed stone and soil, furnishing and placing 6" x 6" pressure treated posts installing 2" x 6" pressure treated fence rails, galvanized fasteners, all materials, equipment, labor and work incidental thereto.

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>
0906216A	PRESSURE TREATED POST AND BOARD FENCE	L.F.

**HEBRON AVENUE (RTE. 94) FENCE REPLACEMENT
LOCATED ALONG THE MULTI USE TRAIL
ATTACHMENTS**

BID #GL-2018-09

**ATTACHMENT A:
PLANS AND DETAILS**

FILE: H:\DWG\Streets\Hebron Ave\PW-1702 Hebron Ave Multi-Trail Replacement\PW-1702_Multi-Trail.dwg USER: greg.mahoney DATE: 9/26/2017

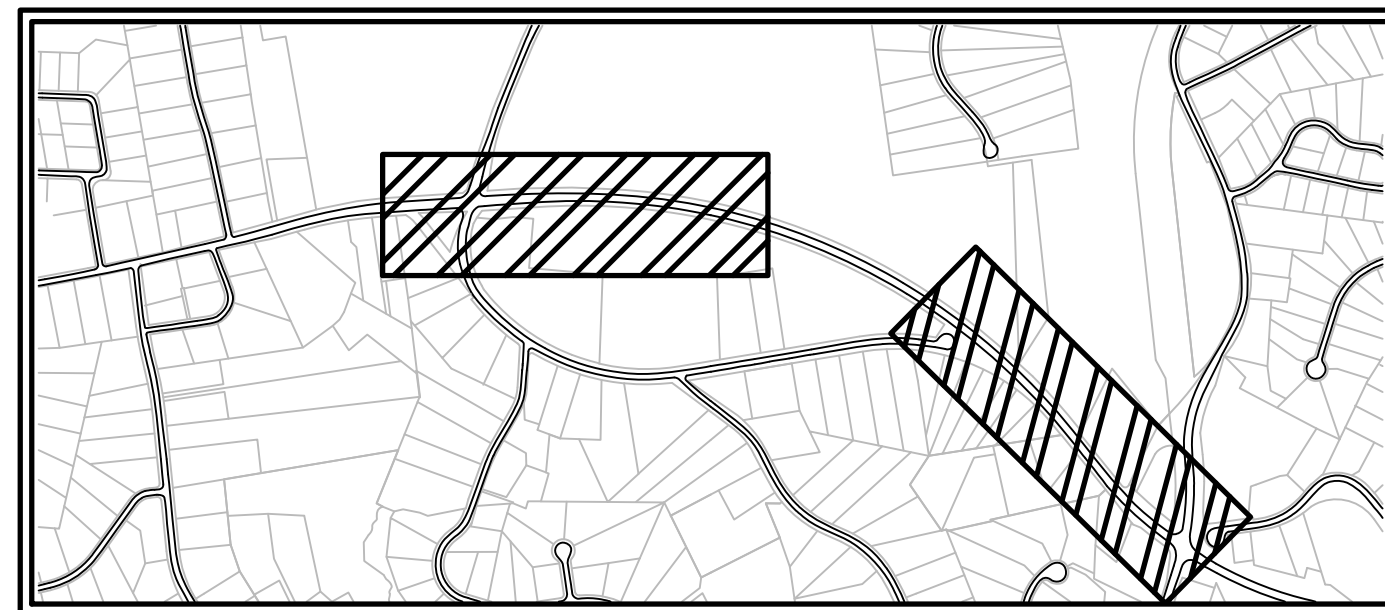
TOWN OF GLASTONBURY ENGINEERING DEPARTMENT HEBRON AVENUE (RTE. 94) PROPOSED FENCE REPLACEMENT LOCATED ALONG THE MULTI-USE TRAIL PW-1702 KEENEY STREET TO MANCHESTER ROAD GLASTONBURY, CONNECTICUT

SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PROPOSED FENCE REPLACEMENT PLAN HEBRON AVENUE

RICHARD J. JOHNSON
TOWN MANAGER

DANIEL A. PENNINGTON
MANAGER OF PHYSICAL SERVICES/TOWN ENGINEER



LOCATION MAP
SCALE: 1"=1000'

SEPTEMBER 2017

NOTES:

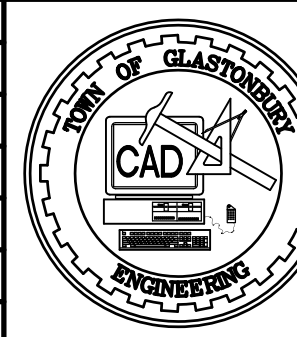
- PROJECT LIMITS ARE LOCATED WITHIN THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RIGHT OF WAY. ALL CONDITIONS OUTLINED WITHIN THE ENCROACHMENT PERMIT ISSUED TO THE TOWN OF GLASTONBURY CONTAINED WITHIN THE PROJECT SPECIFICATIONS MUST BE ADHERED TO.
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF THE EXISTING CEDAR FENCE AND POSTS, INCLUDING BACKFILLING OF THE EXISTING POST HOLES.
- CONTRACTOR IS RESPONSIBLE TO NOTIFY "CALL BEFORE YOU DIG-CBYD" AT 1-800-922-4455 PRIOR TO BEGINNING ANY EXCAVATION.
- THE CONTRACTOR SHALL NOTIFY THE TOWN OF GLASTONBURY ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, SANITARY SEWER INSTALLATION, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, OR ANY EXCAVATION IN THE TOWN RIGHT-OF-WAY TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:00 AM-4:30 PM MONDAY THRU FRIDAY AT (860) 652-7735.
- THE CONTRACTOR SHALL NOTIFY THE TOWN OF GLASTONBURY ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, SANITARY SEWER INSTALLATION, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, OR ANY EXCAVATION IN THE TOWN RIGHT OF WAY TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:00 AM-4:30 PM MONDAY THRU FRIDAY AT (860) 652-7735.

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.

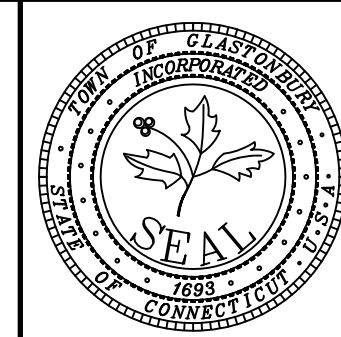
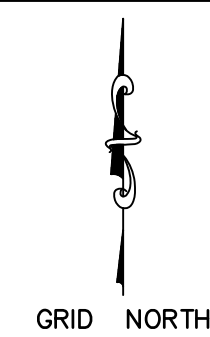
MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON CADD FILE. H:\DWG\Streets\Hebron Ave\PW-1702 Hebron Ave Multi-Trail Replacement\PW-1702_Multi-Trail.dwg

PW-1702

DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
1.	-----	----



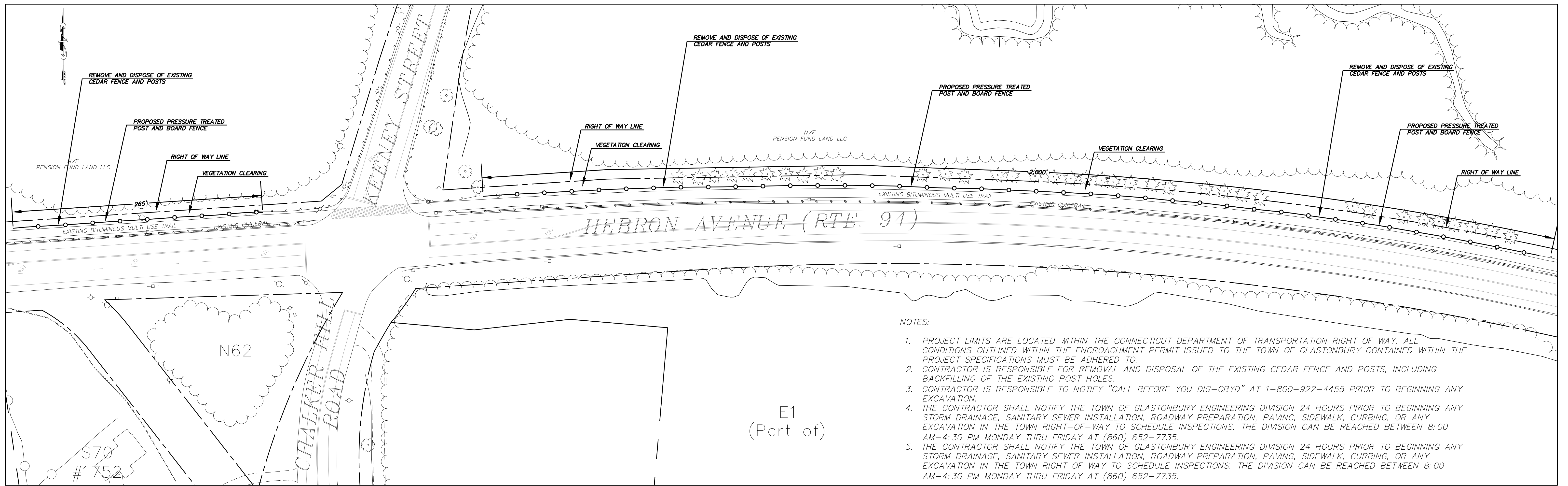
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DRAWN BY: G.J.M.	9/20/2017
CHECKED BY: S.M.B.	09/25/2017
APPROVED BY: D.A.P.	09/25/2017
ST. FILE:	



PROPOSED FENCE REPLACEMENT PLAN
LOCATED ALONG THE HEBRON AVENUE
MULTI-USE TRAIL
LOCATED FROM
KEENEY STREET TO MANCHESTER
ROAD
GLASTONBURY, CONNECTICUT

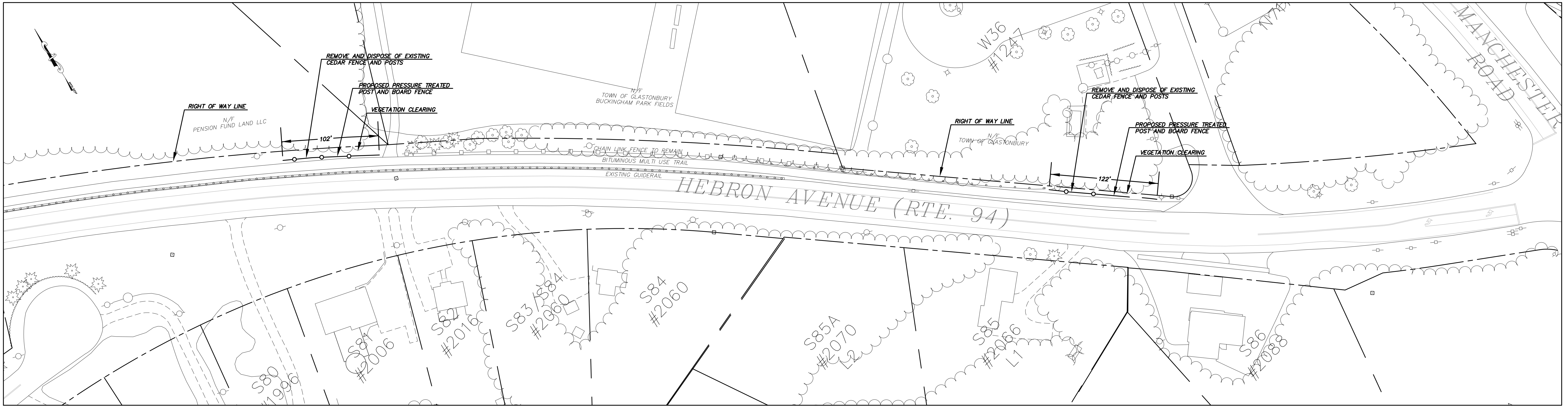
SHEET NO.
1
OF 2

FILE: H:\DWG\Streets\Hebron Ave\PW-1702 Hebron Ave Multi-Trail Replacement\PW-1702_Multi-Trail.dwg USER: greg.mahoney DATE: 9/25/2017

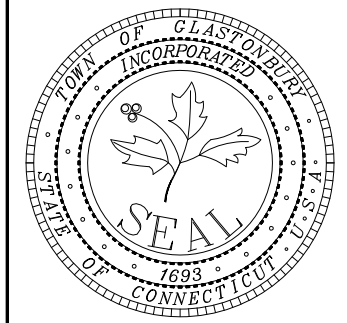


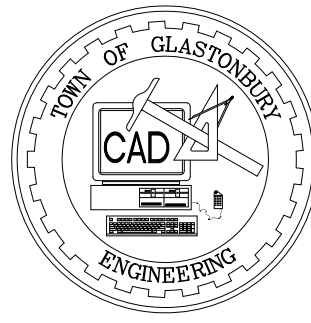
- NOTES:
1. PROJECT LIMITS ARE LOCATED WITHIN THE CONNECTICUT DEPARTMENT OF TRANSPORTATION RIGHT OF WAY. ALL CONDITIONS OUTLINED WITHIN THE ENCROACHMENT PERMIT ISSUED TO THE TOWN OF GLASTONBURY CONTAINED WITHIN THE PROJECT SPECIFICATIONS MUST BE ADHERED TO.
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PLAN
SCALE: 1" = 50"



PLAN
SCALE: 1" = 50"

DRAWING ISSUE STATUS			SCALE: AS SHOWN	DATE:	GRID NORTH		PROPOSED FENCE REPLACEMENT PLAN LOCATED ALONG THE HEBRON AVENUE MULTI-USE TRAIL LOCATED FROM KEENEY STREET TO MANCHESTER ROAD GLASTONBURY, CONNECTICUT	SHEET NO. 2 OF 2
NO.	DESCRIPTION	DATE						
1.								



DRAWN BY: G.J.M. 9/12/2017

CHECKED BY: S.M.B. 9/12/2017

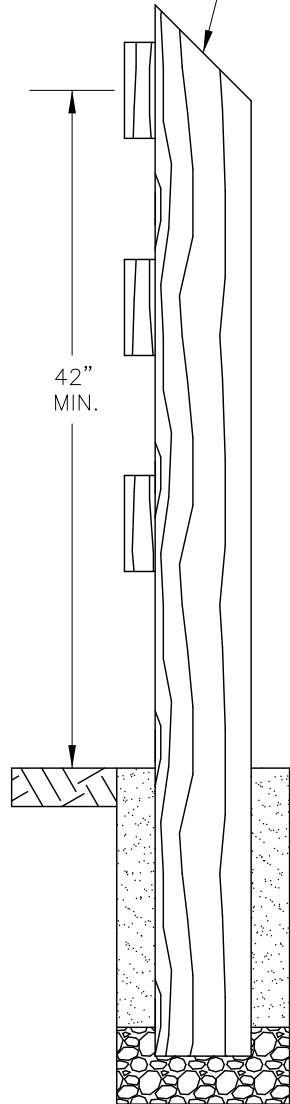
APPROVED BY: D.A.P. 9/12/2017

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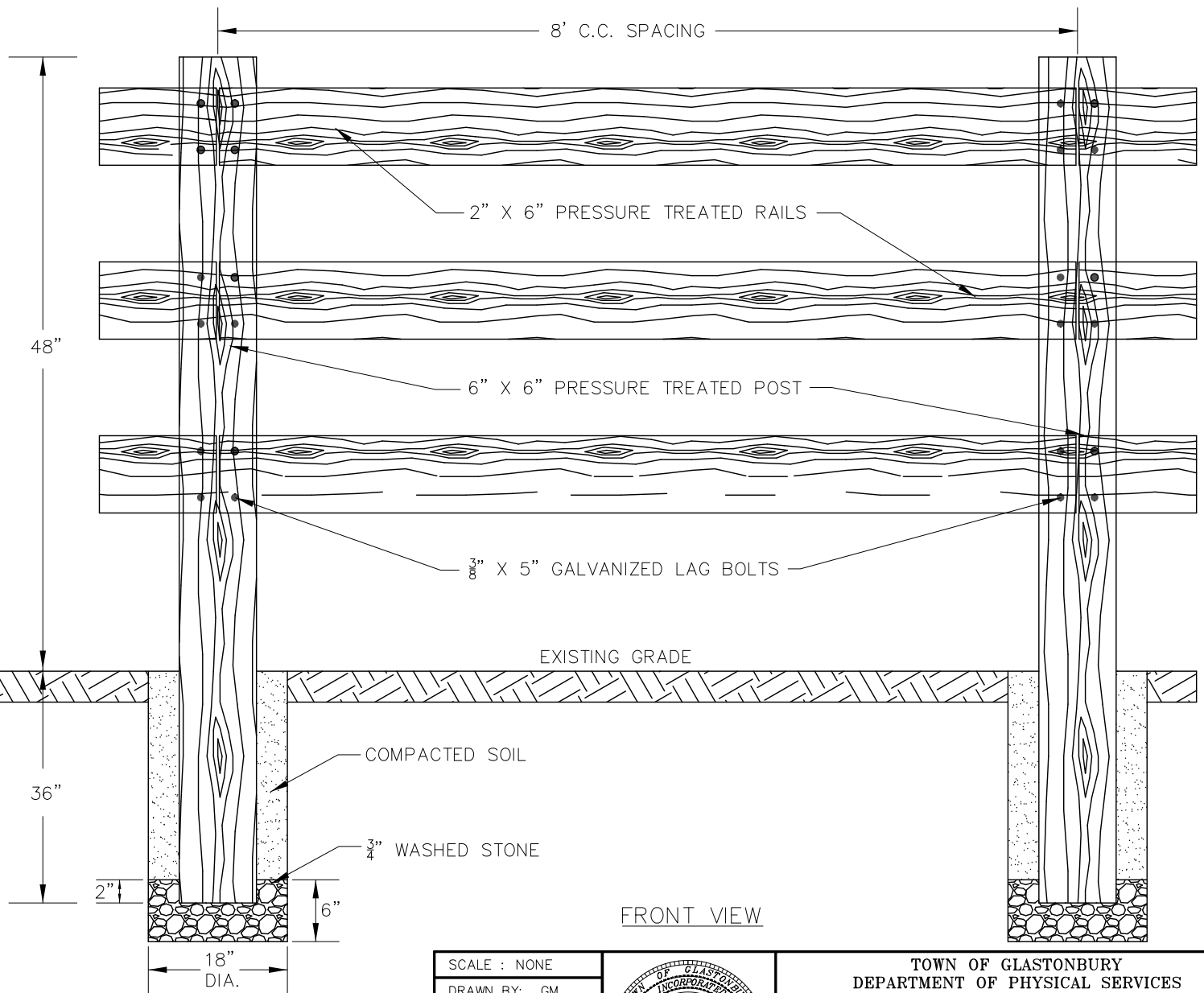
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.

PW-1702

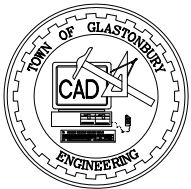
POST TOP CUT
AT 45° ANGLE



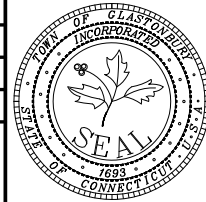
SIDE VIEW



FRONT VIEW



SCALE : NONE
DRAWN BY: GM
CHECKED BY: SMB
APPROVED BY: DAP
LAST REVISED: 9/08/2017



TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

PRESSURE TREATED
POST AND BOARD FENCE
IN SOIL