

TOWN OF GLASTONBURY

INVITATION TO BID

<u>BID #</u>	<u>ITEM</u>	<u>DATE & TIME REQUIRED</u>
GL-2010-09	High School Press Box	Tuesday July 14 th , 2009 at 11:00 AM

The Town of Glastonbury is currently seeking bids for the assembly and installation of an 8-foot by 18-foot pre-fabricated press box building on Town property located at 1104 New London Turnpike, adjacent to the High School football field.

Bid Forms may be obtained at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033, (second level) and via the Town's website at www.glastonbury-ct.gov.

A mandatory pre-bid meeting will be held at the project site on Wednesday, July 8th, 2009 at 9:00 AM.

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 interests 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.

Mary F. Visone
Purchasing Agent

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Attachments

Board of Education Contractor Compliance Form

Town of Glastonbury Site Plan and Construction Details (2 sheet, 24"x36")

Mobile Facility Engineering Floor Plan (1 sheet, 24"x36")

National Recreation Systems Press Box, Ramp, and Stairway Details (10 sheets, 11"x17")

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 bid total cost unless otherwise specified.
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. 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 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.
This item waived
11. A 100% Performance and Payment bond are required of the successful bidder. This bond shall cover all aspects of the bid. ***This item waived***
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'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. 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 click on **General Information**, then **Bids and Quotes** 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. Each Bid shall include a description of three (3) similar projects completed by the bidder within the past five (5) years with references to demonstrate successful experience with the installation and assembly of pre-fabricated modular buildings, including erection of structural steel, installation of concrete foundations, utility service connection, and related site work.
17. **Non-Resident Contractors:**

The Town is required to report names of non-resident (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. **Upon award, all non-resident contractors must furnish a five percent (5%) sales tax guarantee bond (State Form AU-766) or a cash bond for five percent (5%) of the total contract price (State Form AU-72) to DRS even though this project is exempt from most sales and use taxes.**

See State Notice to Non-Resident Contractors SN 2005 (12). If the above bond is not provided, the Town is required to withhold five percent (5%) from the contractor's payments and forward it to the State DRS.

The contractor must promptly furnish to the Town a copy of the **Certificate of Compliance** issued by the State DRS.
18. 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.
19. 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.

20. It is the responsibility of the bidder to check the Town's website before submitting bid for addendums posted prior to bid opening.

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

NOTE: For technical questions regarding this Bid, please contact Stephen M. Braun, Assistant Town Engineer, at (860) 652-7743.

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 Town Engineer/Manager of Physical Services of the Town of Glastonbury acting personally or 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 permits issued by the Town, all permits, licenses, and fees required for the performance of the Contract work shall be secured and paid for by the Contractor.

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.

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 re-inspection 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 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.

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 and Incidental Construction, Form 816 (Form 816") and supplements thereto are to be considered part of the Contract Documents. The Form 816 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 816, 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.

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.
- 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 Contractor 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 Contractor and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town 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 Contractors Certificate of Insurance.** Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum Best's Rating of A-. 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
 - \$100,000 each accident/\$500,000 disease-policy limit/\$100,000 disease each employee
- 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.

c. 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

04.02 The Contractor shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Certificate shall specify that the Town shall receive 30 days advance written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured and Waiver of Subrogation. The Contractor shall provide the Town copies of any such 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) 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, regardless of whether or not it is caused in part by a party indemnified hereunder.

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 not 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. The Town's waste disposal guidelines for this facility may be found on the Town's website under the **Departments** menu by selecting **Sanitation - Refuse Disposal - Bulky Waste Facility** or by using the following link: <http://www.glastonbury-ct.gov/index.aspx?page=900>. The Contractor is required to obtain a disposal area for all other unsuitable or surplus materials at no cost to the Town.

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 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 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 Within ten (10) calendar 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 Purchase Order for the Project prior to initiating any work.

11.02 Substantial completion of the work included under this contract is required by Friday, August 28th, 2009. The press box supplier, National Recreation Systems Inc., has indicated that the press box materials that were ordered by the Town will be ready for delivery as of the week of July 27th, 2009. The Contractor shall coordinate with National Recreations Systems, Inc. to arrange for delivery of these materials in a manner consistent with his intended construction sequence.

12.00 LIQUIDATED DAMAGES

12.01 As actual damages for any delay in completion of the work that the Contractor is required to perform under this Contract are impossible to determine, the Contractor and the Sureties shall be liable for and shall pay to the Town the sum of \$100.00 as fixed, agreed and liquidated damages for each calendar day of delay from the above-stipulated completion, or completion as modified in writing by both parties, until such work is satisfactorily completed and accepted.

13.00 SCHEDULE OF DRAWINGS

13.01 The Contractor is hereby alerted that the following plans are to be considered part of these specifications:

“Site Plan and Construction Details for Proposed Press Box at Glastonbury High School, located at Hubbard Street, Glastonbury Connecticut” prepared by the Town of Glastonbury Engineering Division, including 2 sheets;

“Glastonbury Parks, Glastonbury CT 8’ x 18’ Press Box w/ 1 Landing with 48” Elev. U-turn Ramp and Bleacher Entry Stair”, prepared by National Recreation Systems, Inc., including 10 sheets;

“Floor Plan Sheet #1” by Mobile Facility Engineering, Inc, including 1 sheet.

14.00 CHANGES IN THE WORK

14.01 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.

15.00 LAYOUT OF WORK

15.01 The Town shall provide stake-out of the work in accordance with the plans or as directed by the Engineer. The Contractor shall protect all stakes from damage or destruction and shall be responsible to assure that the grade stakes have not been altered prior to actual construction. The Town shall replace grade stakes that have been removed, at no cost to the Contractor, if their removal was caused by reasons beyond reasonable care and protection by the Contractor. If it is determined by the Engineer that the Contractor did not provide reasonable protection, the cost of re-staking will be deducted from any amounts due the Contractor in the performance of the work.

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

16.01 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.

17.00 PROSECUTION AND PROGRESS

17.01 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.

18.00 EXTRA AND COST PLUS WORK

18.01 Extra and cost plus work shall be governed by Article 1.04.05 and Article 1.09.04 of the Form 816.

19.00 CONTRACTOR COMPLIANCE FORM

19.01 The Contractor shall complete the attached Glastonbury Public Schools Contractor Compliance Form and submit it to the School District Safety Officer a minimum of 3 business days prior to initiating construction activities at the proposed site.

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001.0 PRESS BOX ASSEMBLY AND INSTALLATION

- 001.1 General: This item includes the assembly and installation of a pre-fabricated press box building, structural steel understructure, handicapped accessible ramp, and roof camera deck as shown on the contract drawings and as required for a complete, fully functional building. Also included under this item is the assembly and installation of a pre-fabricated aluminum stair way that connects to the existing visitors bleachers adjacent to the press box. The Town has pre-purchased these items for installation by the Contractor. Also included under this item is the excavation for and installation of concrete foundations, electrical service connection, permits, special inspections, and other miscellaneous work as described below and as required for compliance with manufacturer instructions and state building codes.
- 001.2 Site Work: As described on the site plan included in the Contract Drawings, site work for this project will generally be completed by the Town, with the exception of the items listed as "By Contractor". Site work to be provided by the Contractor that will be measured and paid for separately as described in the bid proposal include the installation of crushed stone surface treatment under the press box, ramp, and stair way.
- 001.3 Foundation Preparation: The Contractor shall prepare foundations for the proposed press box and stair way, including excavation, base preparation, and concrete work as described on the Contract Drawings, and according to manufacturer instructions and building code requirements. Gravel subbase for foundations shall meet the requirements of Form 816A, Article M.02.01 for granular fill.
- 001.4 Delivery: The Contractor shall coordinate with the supplier of the press box, National Recreation Systems, Inc., to arrange for delivery of all materials and shall provide all labor, equipment, and materials necessary to off-load materials and to set the pre-fabricated building on to the steel understructure.
- 001.5 Installation: The press box and stair way shall be assembled and installed by the Contractor as described on the Contract Drawings and as required by the manufacturer assembly instructions and building code requirements. Items noted as "Field Work" or "By Others" on the building floor plan generally describe the on-site fabrication work required by the Contractor. However, other work not specifically described on the Contract Drawings but required to meet applicable building code requirements or to provide a fully functional and complete project are considered to be included under this item. All installation and on-site fabrication work shall be according to manufacturer instructions as required to ensure that manufacturer warranties remain valid.
- 001.6 Utility Service: The Town will install the underground conduits as indicated on the plans for use by the Contractor in providing electric service to the proposed press box. The new electrical service for the press box shall be coordinated and installed by the Contractor as described on the plans and as required to meet current building codes and other applicable regulations. Any applicable fees required by Connecticut Light and Power for connection of the new electrical service for the press box will be paid by the Town.
- 001.7 Permits: The Contractor shall be responsible for obtaining all necessary building and electrical permits.
- 001.8 Special Inspections: Special inspections and other testing services required by the Town of Glastonbury Building Official shall be part of the work and included in the lump sum cost of this item.

001.9 Measurement & Payment: Payment for this item shall be made at the Contract lump price as listed in the Bid proposal for "Press Box Assembly and Installation". Such price shall include all labor, equipment, materials, and tools necessary for installation of the press box on steel understructure with handicapped ramp, roof camera deck, and stairway to the existing bleachers as described above and as shown on the contract drawings, including: excavation, base preparation, and concrete work associated with footings and foundations; coordination of delivery and off-loading materials; setting of the pre-fabricated building on to the steel understructure; assembly and installation of all materials as instructed by the manufacturer and building official; coordination and installation of electrical service; special inspections and testing; and all other work incidental to the project but necessary for compliance with scope and intent of the detailed construction specifications and drawings and as required for a fully functional and complete project.

Payment under this item shall also include all labor, materials, equipment, and tools necessary to install the above described facilities according to manufacturer instructions and as required to meet all building code requirements.

002.0 CRUSHED STONE

002.1 General: Work of this item shall generally consist of furnishing and placing ¾" – 1 ¼" crushed stone as landscape material to the depth and dimensions as indicated on the contract drawings. Work of this item shall also include placement of a Typar Professional Grade Landscape Fabric weed barrier (or approved equal) under the crushed landscape stone. Stone shall conform to Section M.02.03 of the Form 816.

002.2 Method of Measurement / Basis of Payment: The work under this item shall be paid at the contract unit price per square foot of crushed stone (landscape) furnished and placed as shown on the contract drawings. The unit price shall include delivery and all materials, equipment, labor, and tools incidental to construction. Payment at the price per square foot shall include placement of a Typar fabric weed barrier (or approved equal) under the landscape stone. There shall be no separate payment for the weed barrier under any other item.

**HIGH SCHOOL PRESS BOX
BID PROPOSAL**

BID #GL-2010-09

Proposal of _____
(hereinafter called "Bidder"), organized and existing under the laws of the State of _____
_____, doing business as _____
_____.

To the Town of Glastonbury (hereinafter called "Town").

In compliance with your Invitation to Bid, the Bidder hereby proposed to furnish materials and/or services as per Bid Number GL-2010-09 in strict accordance with the Bid Documents, within the time set forth therein, and at the prices stated below.

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.

The Bidder acknowledges receipt of the following:

Addendum #1_____

Addendum #2_____

Addendum #3_____

It is the responsibility of the Bidder to check the Town's website for any Addendum before submitting the bid.

**HIGH SCHOOL PRESS BOX
BID PROPOSAL**

BID #GL-2010-09

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>UNIT PRICE</u>	<u>EXTENSION</u>
1.	Press Box Assembly and Installation in accordance with Section 001.0 of the Detailed Construction Specifications	Lump Sum	\$_____/L.S.	\$_____
2.	Crushed Stone in accordance with Section 413.0 of the Detailed Construction Specifications	330 Sq. Ft.	\$_____/S.F.	\$_____

TOTAL BID AMOUNT: \$_____

WRITTEN BID AMOUNT: _____

**HIGH SCHOOL PRESS BOX
BID PROPOSAL**

BID #GL-2010-09

TOWN OF GLASTONBURY

BID / PROPOSAL

GL # or RPGL #

2010-09

DATE ADVERTISED

6/30/2009

DATE / TIME DUE

7/14/2009 at 11:00

AM

NAME OF PROJECT

High School Press Box

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 ADDENDUMS POSTED PRIOR TO BID OPENING.

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

ATTENTION CONTRACTOR

- APPROVED FORM FOR YOUR FILES-NOTE ANY COMMENTS BOTTOM OF PAGE 2 - APPROVAL REQUIREMENTS
- APPLICATION DENIED-SEE BOTTOM PAGE 2

GLASTONBURY PUBLIC SCHOOLS

OFFICE OF DISTRICT SAFETY OFFICER

Dr. Kenneth R. Roy
Director of Environmental Health & Safety
330 Hubbard St.
Glastonbury, CT 06033-3099

Telephone: (860) 652-7200 Ext. 2002
Fax: (860) 652-7275
E-mail: royk@glastonburyus.org

CONTRACTOR COMPLIANCE FORM

Notice to Contractors:

In concert with, but not limited to, all OSHA General Industry and Construction standards, EPA, NFPA, AHERA, and building codes, contractors conducting work activities at/on any Glastonbury Public School District property are required to provide the following information:

**NOTICE: THIS FORM MUST BE COMPLETED AND APPROVED
3 DAYS PRIOR TO COMMENCING ANY OPERATIONS**

Once approved, the form will be returned to the originator. Approval is conditional relative to noted specifications by GPS Safety Officer/Director of Environmental Health and Safety.

1. Project Information:

Project Description:

Location:

Start Date:

Completion Date:

Contractor Safety Officer

Phone:

Fax:

Permit Prepared By:

Date Prepared:

Project Scope	Yes	No	Comments
Confined Spaces*	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical Work	<input type="checkbox"/>	<input type="checkbox"/>	
Forklift	<input type="checkbox"/>	<input type="checkbox"/>	
Hazardous Materials	<input type="checkbox"/>	<input type="checkbox"/>	
Ladders/Scaffolds	<input type="checkbox"/>	<input type="checkbox"/>	
Respirators	<input type="checkbox"/>	<input type="checkbox"/>	
Rigging/Lifting	<input type="checkbox"/>	<input type="checkbox"/>	
Welding**	<input type="checkbox"/>	<input type="checkbox"/>	
Asbestos Management***	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	

* Contractors need to secure "Confined Space Program" form and seek approval from GPS Safety Compliance Officer 3 days **prior** to working in permit confined spaces.

** Hot permits are required from GPS Safety Compliance Officer **prior** to "hot" work.

*** Contractors need to secure Asbestos Management plan from Glastonbury Public Schools **prior** to all construction/demolition work.

2. Provide district safety officer with Material Safety Data Sheets (MSDS) for all materials used on-site.

LIST EITHER CHEMICAL OR TRADE NAME OF EACH ATTACHED MSD SHEET BELOW	

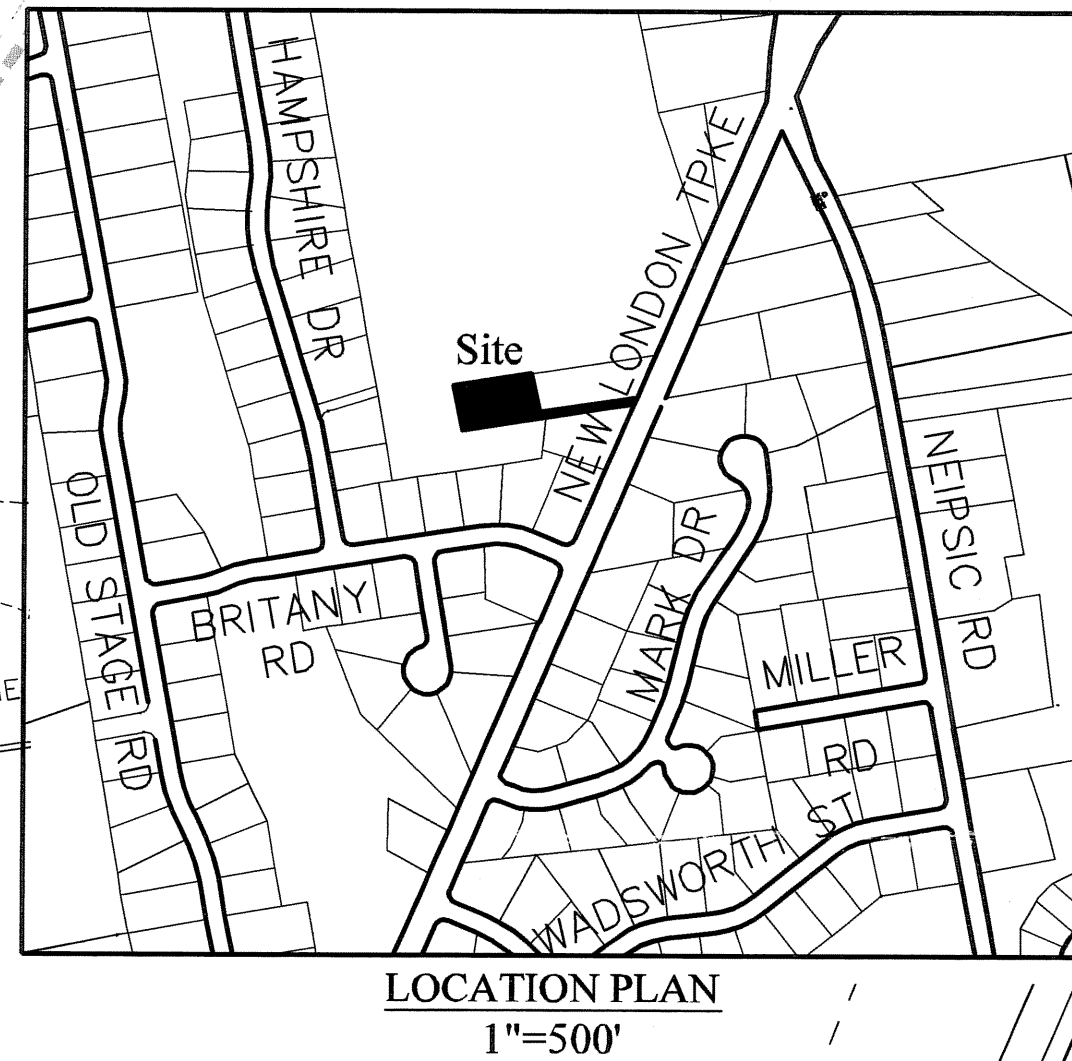
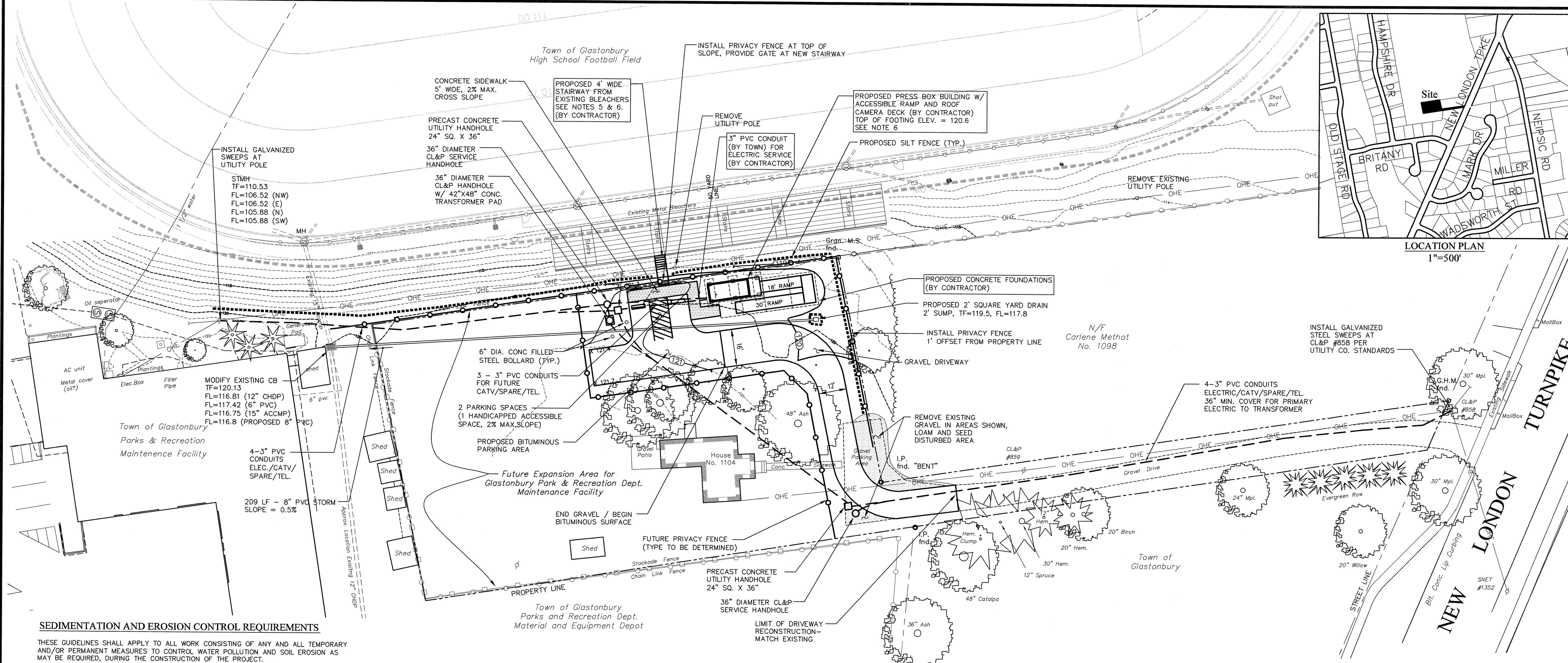
- In cases of hazardous waste production, a written disposal plan must be provided to and approved by the District Safety Director, 5 days prior to initiation of work for those materials disposed of on site.
- All contractors and/or their personnel are required **to be in compliance with all EPA, NFPA, AHERA and OSHA and other appropriate safety standards** when working on site (under the direction of a contractor’s project supervisor).
- All on-site activities carried out by contractors, and/or their employees, must be done in such a manner as to **maintain a safe working environment** for all Glastonbury Public Schools’ employees, students and visitors.
- Contractor employees found to be in non-compliance **may be removed from the District worksite** by the District Safety Officer.
- Contractors found to be in non-compliance will be subject to **forfeiture of payment and/or contract termination**.
- The district reserves the right to inspect the worksite **at any time** for safety compliance.
- The district may require review of a contractors OSHA 200/300 log for a period of three (3) previous years.

Please type company name and address below

	<p>RETURN TO: Dr. Kenneth Roy, Safety Compliance Officer E-mail: royk@glastonburyus.org</p>
--	--

By signature, the contractor agrees to adhere to all components and the spirit of this document.		
Signature of Contractor	Title	Date

<p>INTERNAL USE ONLY APPROVAL STATUS: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>GPS Safety Officer: _____ Date: _____</p> <p>c: <input type="checkbox"/> Maintenance Office File <input type="checkbox"/> Contractor <input type="checkbox"/> Safety Officer Roy <input type="checkbox"/> Building Principal/Supervisor <input type="checkbox"/> (Other) <input type="checkbox"/> (Other)</p>	<p><u>NOTE TO CONTRACTOR:</u> APPROVAL CONTINGENT ON THE FOLLOWING ITEMS:</p>
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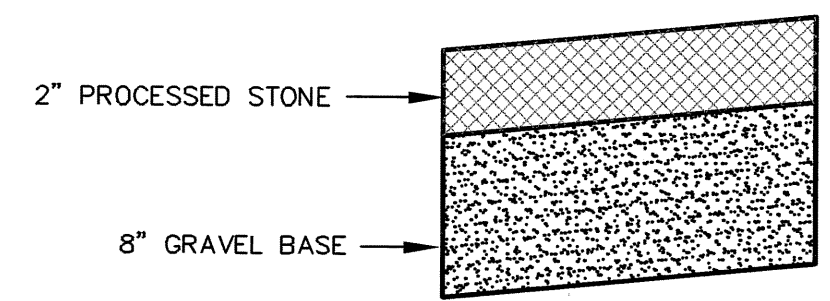
SEDIMENTATION AND EROSION CONTROL REQUIREMENTS

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.

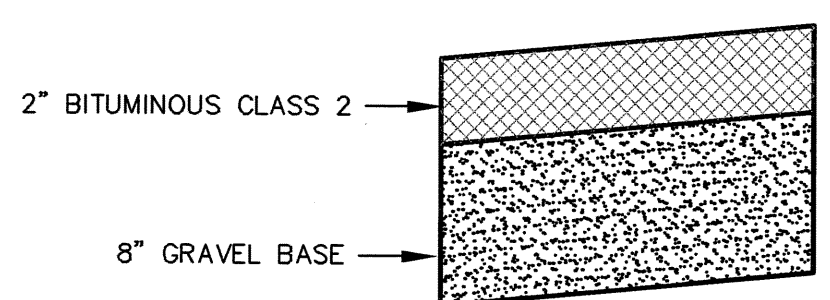
IN GENERAL, ALL ACTIVITIES SHALL PROCEED IN SUCH A MANNER SO AS NOT TO POLLUTE ANY WETLANDS, WATERCOURSE, WATERBODY, AND CONDUIT CARRYING WATER, ETC. THE DEPARTMENT OF PHYSICAL SERVICES SHALL LIMIT, INsofar AS POSSIBLE, THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION METHODS, AND IMMEDIATELY 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.

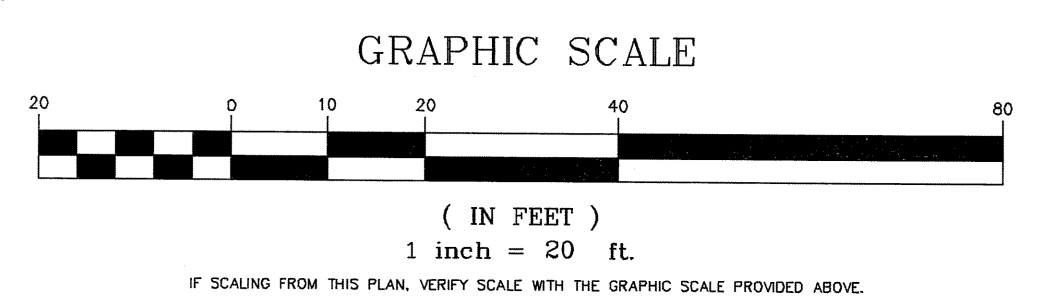
- ALL CONTROL MEASURES SHALL BE INSTALLED AS NOTED ABOVE AND AS SHOWN ON THE PLANS.
- ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
- ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE ENGINEER.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE ENGINEER.
- 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.
- 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.
- 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.
- SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
- 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.



GRAVEL DRIVEWAY SECTION



BITUMINOUS PARKING AREA SECTION



UNDERGROUND UTILITY CONSTRUCTION NOTES

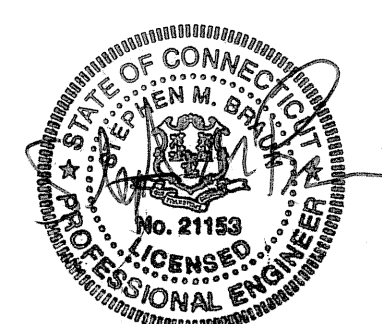
- UNDERGROUND UTILITY CONSTRUCTION SHALL BE COMPLETED IN CONFORMANCE WITH THE "2004 SPECIFICATIONS FOR UNDERGROUND SERVICE TO RESIDENTIAL DEVELOPMENTS", PUBLISHED BY THE VARIOUS LOCAL UTILITY COMPANIES.
- CONDUIT SWEEPS AT UTILITY POLE AND PROPOSED BUILDING SHALL BE GALVANIZED WITH MINIMUM 24" DIAMETER RADIUS.
- BENDS ALONG ELECTRICAL SERVICE CONDUIT SHALL HAVE MIN. 48" RADIUS.
- INSTALL 1/4" DIAMETER NYLON PULL LINE IN EACH DUCT INCLUDING 10' OF SLACK AND SECURE TO CONDUIT PLUGS AT EACH END.

MAP REFERENCES

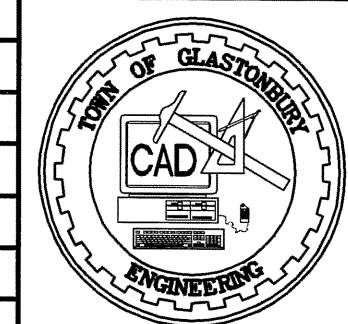
REFERENCE IS MADE TO A MAP OR PLAN ENTITLED "DEPENDENT RESURVEY DEPICTING LAND TO BE CONVEYED TO THE TOWN OF GLASTONBURY BY GAIL LOUGHLIN LOCATED AT 1104 NEW LONDON TURNPIKE GLASTONBURY, CONNECTICUT. DRAWN RE/CS 4/7/2006 CHECKED R.W.S. 4/7/2006 PLOTTED C.F.S. 4/7/2008 GRAPHIC SCALE 1" = 20"

GENERAL NOTES

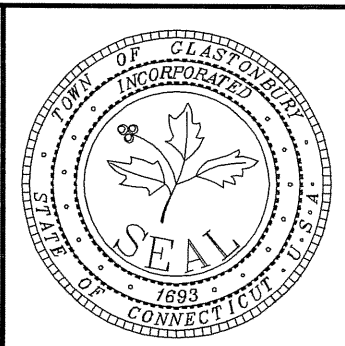
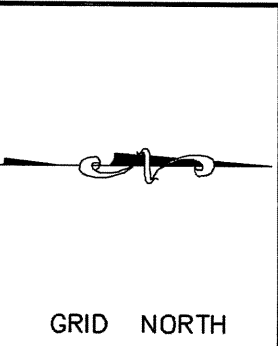
- ALL PROPERTY LINE AND RIGHT OF WAY INFORMATION DEPICTED ON THESE PLANS WERE TAKEN FROM TOWN OF GLASTONBURY ASSESSOR MAPS AND ARE TO BE CONSIDERED APPROXIMATE AND INFORMATIONAL IN NATURE; AND ARE NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY DETERMINATION.
- ALL UTILITY INFORMATION AND DATA SHOWN OR INDICATED 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.
- 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.
- THE TOWN GLASTONBURY DEPARTMENT OF PHYSICAL SERVICES IS RESPONSIBLE FOR INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS; CLEARING AND GRUBBING; STRIPPING OF TOPSOIL; INSTALLATION OF CONDUITS, HANDHOLES, AND TRANSFORMER PAD FOR UNDERGROUND UTILITIES; DRIVEWAY, SIDEWALK, AND PARKING LOT CONSTRUCTION; INSTALLATION OF SITE PERIMETER PRIVACY FENCE, SIGNS, PAVEMENT PARKINGS, AND BOLLARDS; AND RESTORATION OF DISTURBED AREAS WITH 4" OF TOPSOIL, FERTILIZER, SEED, AND MULCH. CONTRACTOR IS RESPONSIBLE FOR ITEMS NOTED AS "BY CONTRACTOR" ON THIS PLAN, AND FOR ALL RELATED WORK AS DESCRIBED IN THE SPECIFICATIONS.
- STAIRWAY NOTES: STAIRS SHALL EXTEND FROM TOP TREAD OF EXISTING VISITOR BLEACHERS (ELEVATION 116.8') TO FINISH GRADE OF PROPOSED WALKWAY (ELEVATION 121.0'). USE 7 STEPS WITH 7" RISE, 11" TREAD, FOR TOTAL RISE OF 49". PLATFORM AT TOP OF STAIRS SHALL BE SUITABLE TO ALLOW FOR OPENING OF ACCESS GATE INTO PLATFORM.
- CONTRACTOR SHALL PROVIDE AND INSTALL A 6" DEEP LAYER OF 3/4" CRUSHED STONE ON TOP OF WEED CONTROL FABRIC AS SURFACE TREATMENT BENEATH PRESS BOX AND PROPOSED STAIRWAY AS DESCRIBED IN THE SPECIFICATIONS. STONE SHOULD EXTEND A MINIMUM OF 12 INCHES BEYOND THE FOOTPRINT OF THE STRUCTURE.



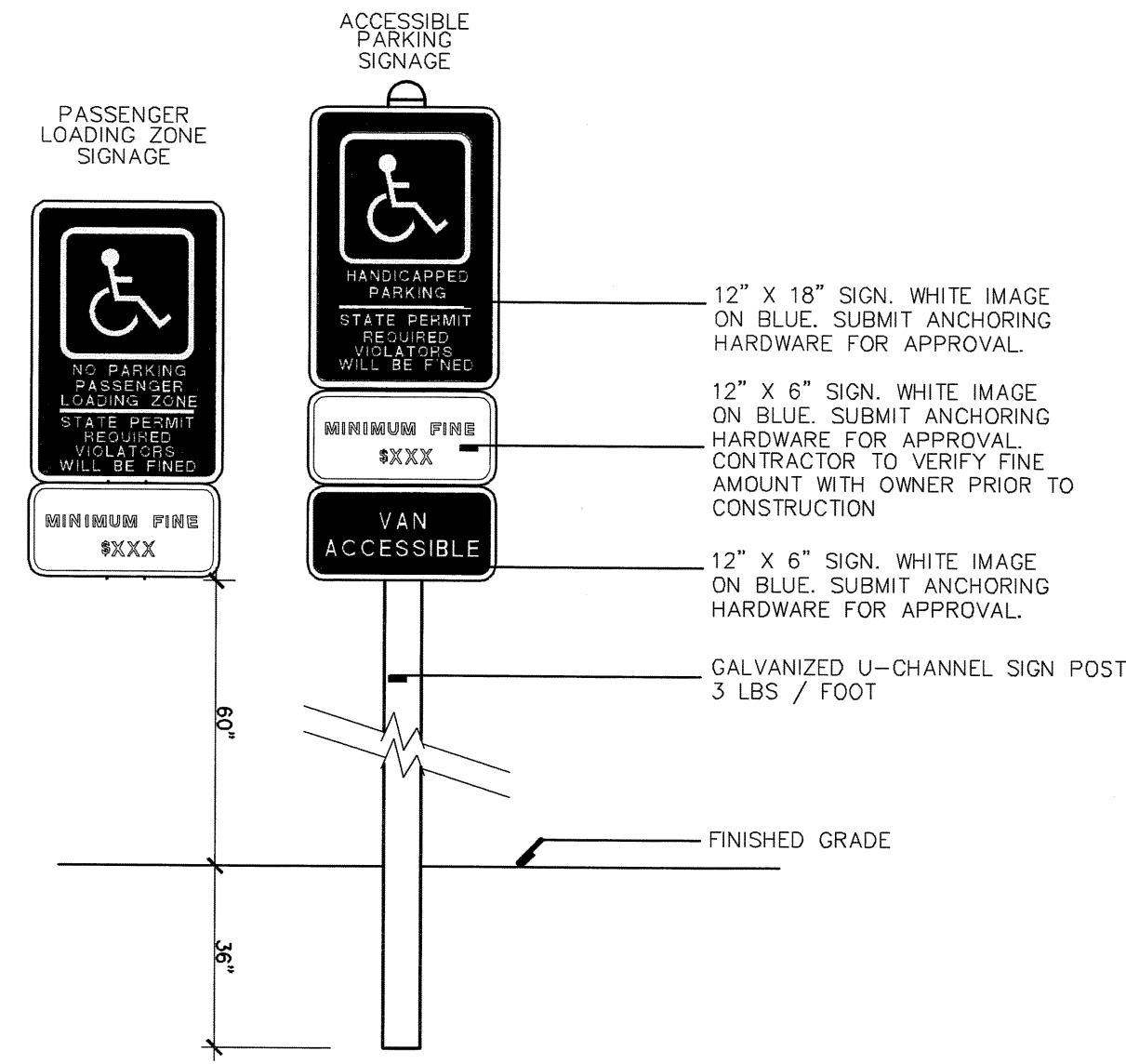
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NO.	DESCRIPTION	DATE
3.	ISSUED FOR PRESS BOX BID	6/24/09
2.	REVISED YARD DRAIN LOCATION	3/24/09
1.	ISSUED FOR TOWN CONSTRUCTION	3/10/09



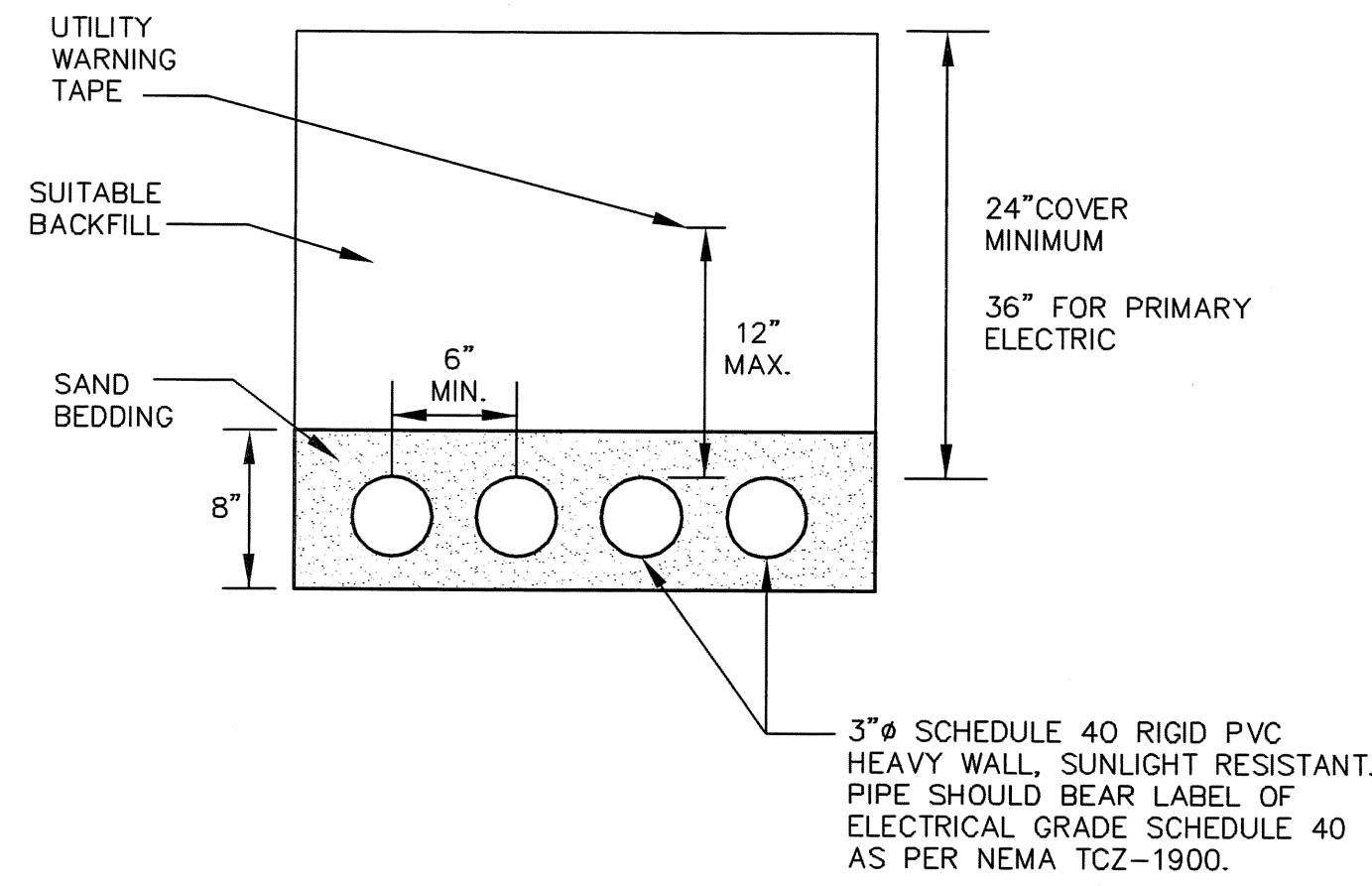
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DRAWN BY: S.R.	11/7/2008
CHECKED BY: S.M.B.	6/23/2009
APPROVED BY: D.A.P.	----
ST. FILE:	
DO NOT SCALE THIS DRAWING. USE THE DIMENSIONS GIVEN. IF THERE ARE ANY DISCREPANCIES OR QUESTIONS, CONTACT THE TOWN OF GLASTONBURY, ENGINEERING OFFICE.	



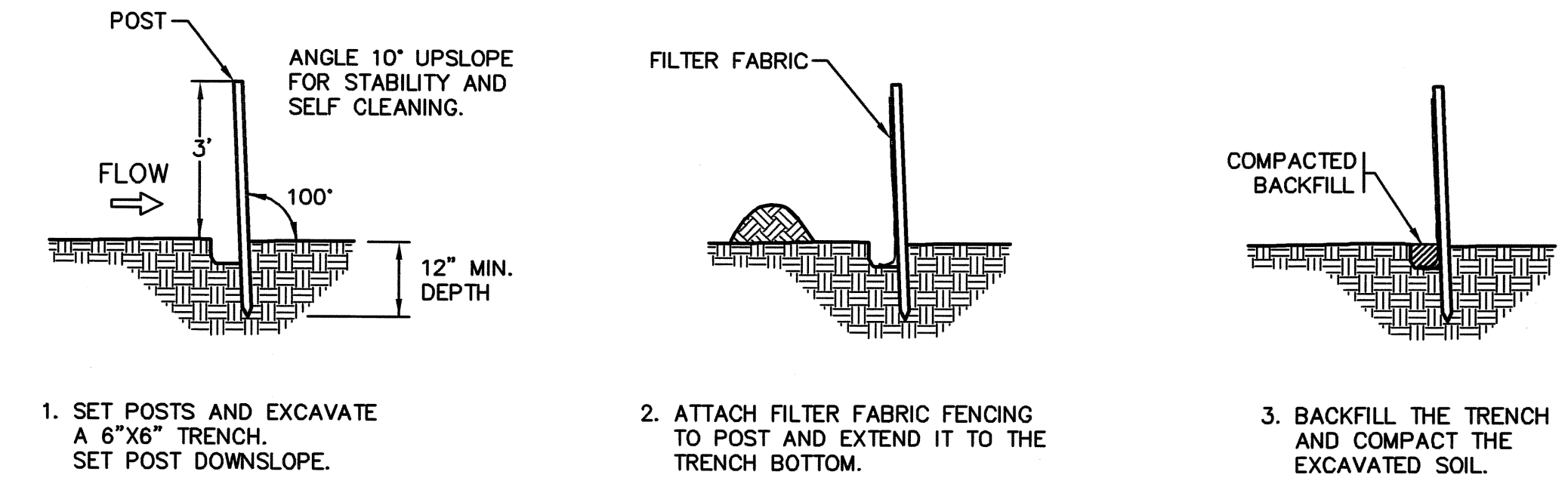
Site Plan and Construction Details for
Proposed Press Box
 at
Glastonbury High School
 located at
Hubbard Street
GLASTONBURY, CONNECTICUT



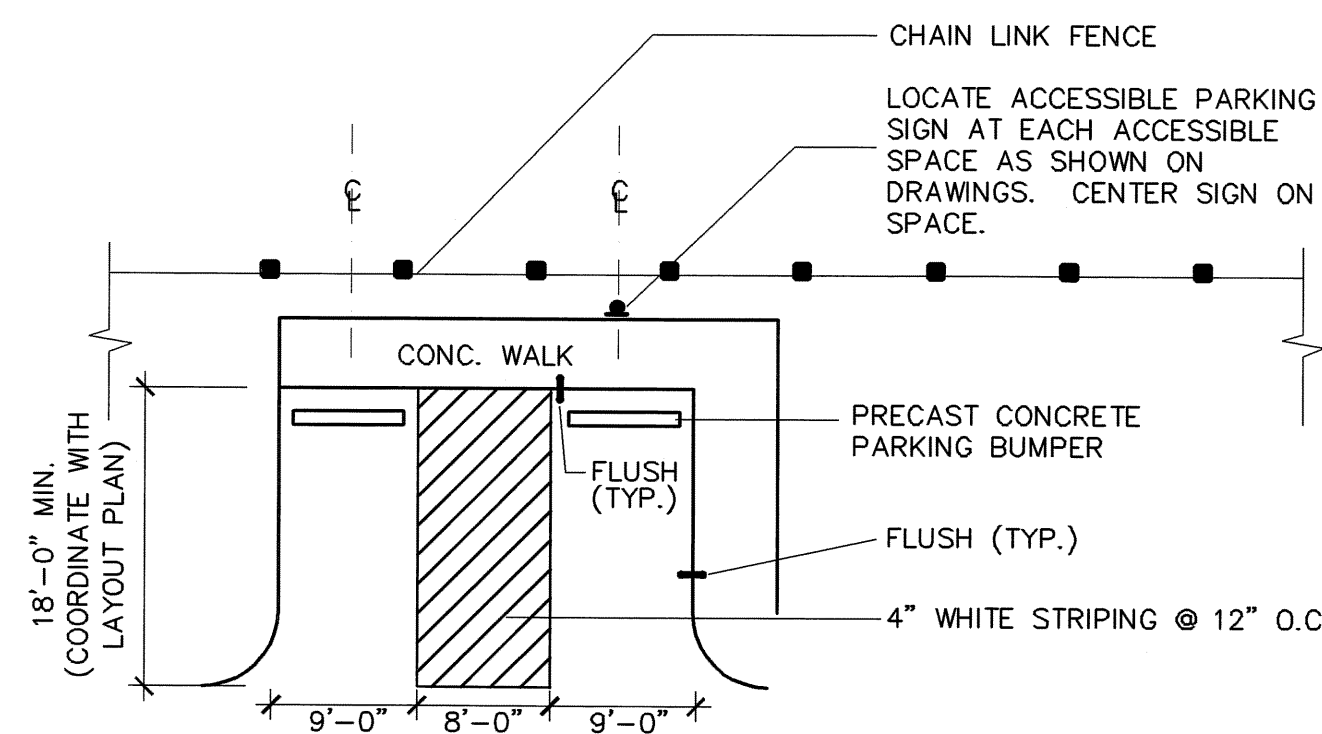
SIGN DETAIL
NOT TO SCALE



ELECTRICAL CONDUIT TRENCH DETAIL
N.T.S.

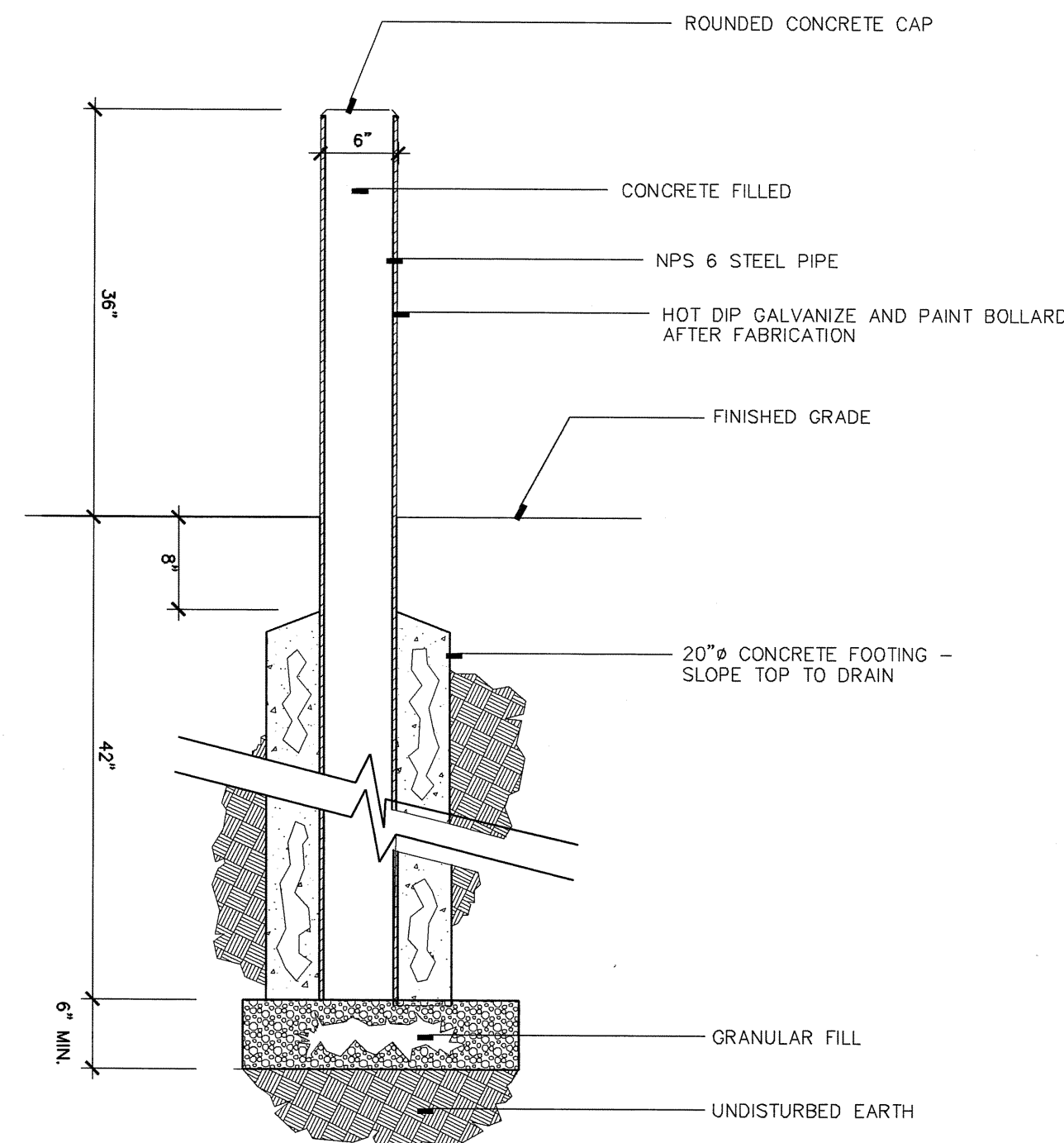


SILT FENCE INSTALLATION DETAIL
NOT TO SCALE



VAN ACCESSIBLE PARKING SPACE
LAYOUT
NOT TO SCALE

NOTES:
1. PITCH PAVEMENT NO MORE THAN A 2% SLOPE ANY DIRECTION.



PIPE BOLLARD DETAIL
NOT TO SCALE

NOTES:

- CONCRETE SHALL BE CONDOT CLASS F, (4,000 PSI, 28 DAY STRENGTH).
- FORMS ARE TO BE SET TRUE TO LINE AND GRADE ON WELL COMPACTED BASE. FORMS SHALL BE 5" STEEL OR 2"x6" LUMBER.
- PROPER FINISHING PROCEDURES WILL BE FOLLOWED INCLUDING JOINTING, EDGING, AND BROOMING. A FINE BRISTLE BROOM SHOULD BE USED. ALL EDGING TOOL IMPRINTS SHOULD BE STEEL TROWELED PRIOR TO BROOMING.
- CURING COMPOUND MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT SURFACE FROM DAMAGE.
- WALKS SHALL BE BACK FILLED AS SOON AS FORMS ARE REMOVED.
- ALL CONCRETE SIDEWALK SLABS SHALL BE RECTANGULAR IN SHAPE. NO FIGURE L SLABS ARE TO BE CONSTRUCTED.
- SIDEWALK SLABS SHOULD NOT EXCEED 5' IN WIDTH. IF SIDEWALK SLABS GREATER THAN 5' IN WIDTH ARE TO BE CONSTRUCTED, A LONGITUDINAL EXPANSION JOINT SHALL BE CONSTRUCTED TO FORM ACCEPTABLE SLABS.
- INSERT METAL DOWELS AT ALL EXPANSION JOINTS AS SHOWN ON TYPICAL SIDEWALK PLAN ABOVE.
- EXPANSION JOINT TO BE 3/8" ASPHALT IMPREGIATED CELLULAR FIBER.

SIDEWALK PLAN TYP.

MAXIMUM SLAB LENGTH = 15'-0"

5'-0" 5'-0" 5'-0" 5'-0"

TOOLED JOINT EXPANSION JOINT TOOLED JOINT TOOLED JOINT EXPANSION JOINT

12" TYP. 12" TYP.

5/8" SMOOTH METAL DOWEL TYP.

(REPEAT 15' INTERVALS)

(SEE NOTE #9 & DETAIL BELOW)

STANDARD SECTION TYP.

6" 4' OR 5' 6"

SLOPE TO CURB 1/4" PER FOOT

5" CONCRETE

8" PROCESSED STONE BASE UNDERNEATH SIDEWALK

8" CONCRETE

#1010 WIRE REINFORCED

8" PROCESSED STONE BASE UNDERNEATH SIDEWALK

FOR INDUSTRIAL & COMMERCIAL DRIVEWAY SECTION

5/8" SMOOTH METAL DOWELS PRE DIPPED IN LIQUID ASPHALT OR GREASE & WRAPPED IN ALUMINUM FOIL. ALTERNATE TREATMENT MAY BE USED UPON APPROVAL.

12" MIN. 12" MIN.

1/2 H

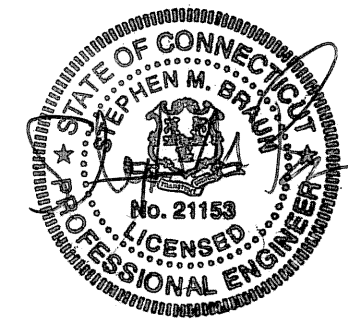
DOWEL DETAIL

SCALE: NONE
DRAWN BY: SR
CHECKED BY: S.M.B.
APPROVED BY: D.A.P.
LAST REVISED: 4/29/2008

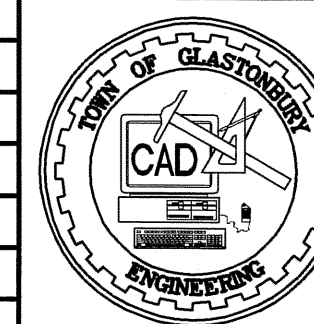
TOWN OF GLASTONBURY
DEPARTMENT OF PHYSICAL SERVICES
ENGINEERING DIVISION

CONCRETE SIDEWALKS

PLATE NO. 6

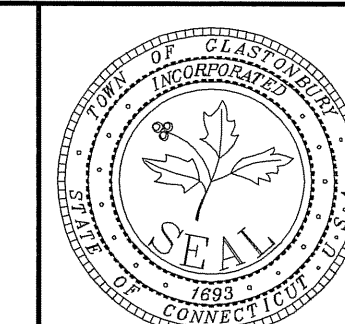


DRAWING ISSUE STATUS		
NO.	DESCRIPTION	DATE
2.	ISSUED FOR PRESS BOX BID	6/24/09
1.	ISSUED FOR TOWN CONSTRUCTION	3/10/09



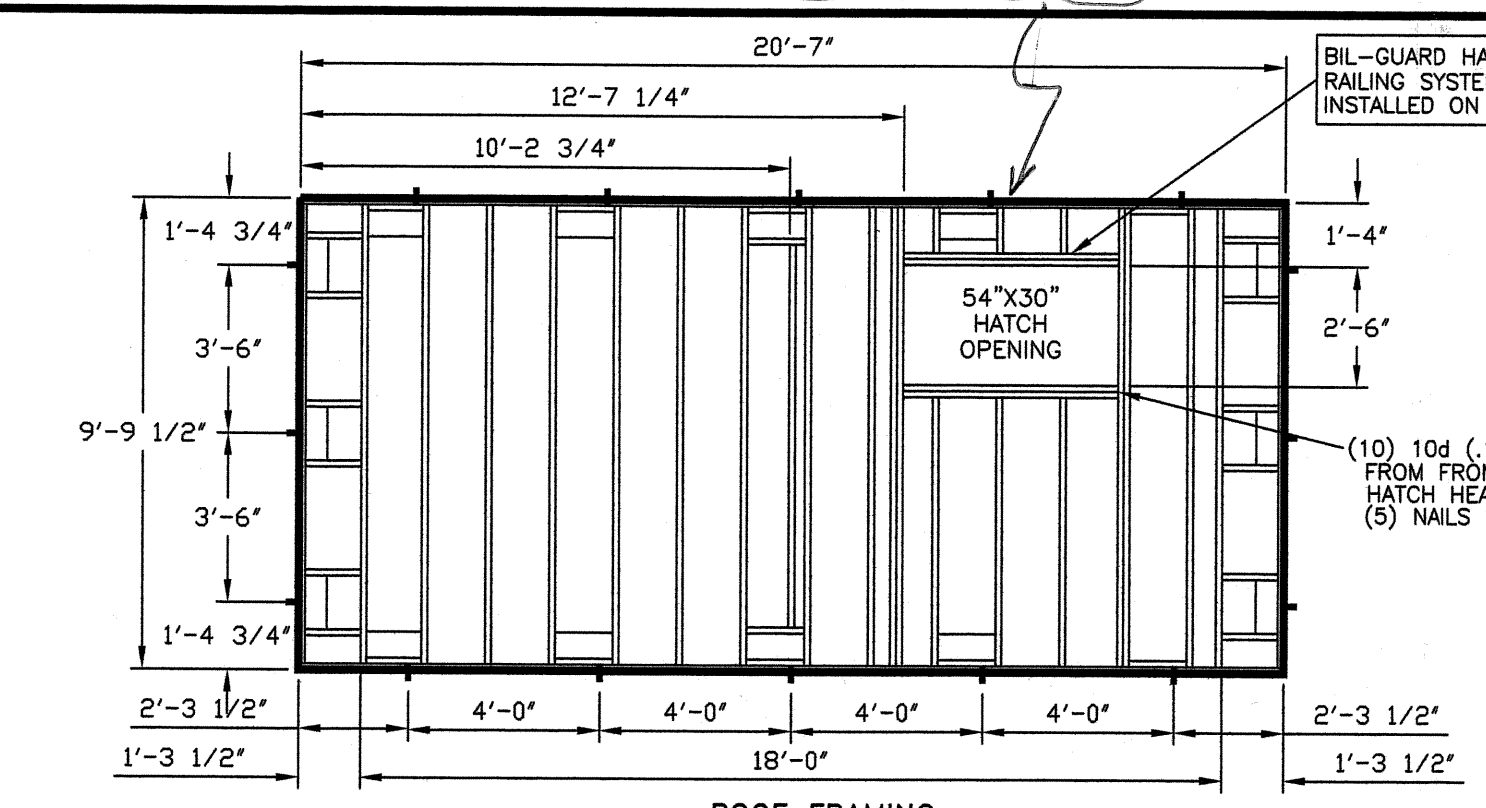
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CHECKED BY:	S.M.B.	2/26/2009
APPROVED BY:	D.A.P.	----
ST. FILE:		

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



Site Plan and Construction Details for
Proposed Press Box
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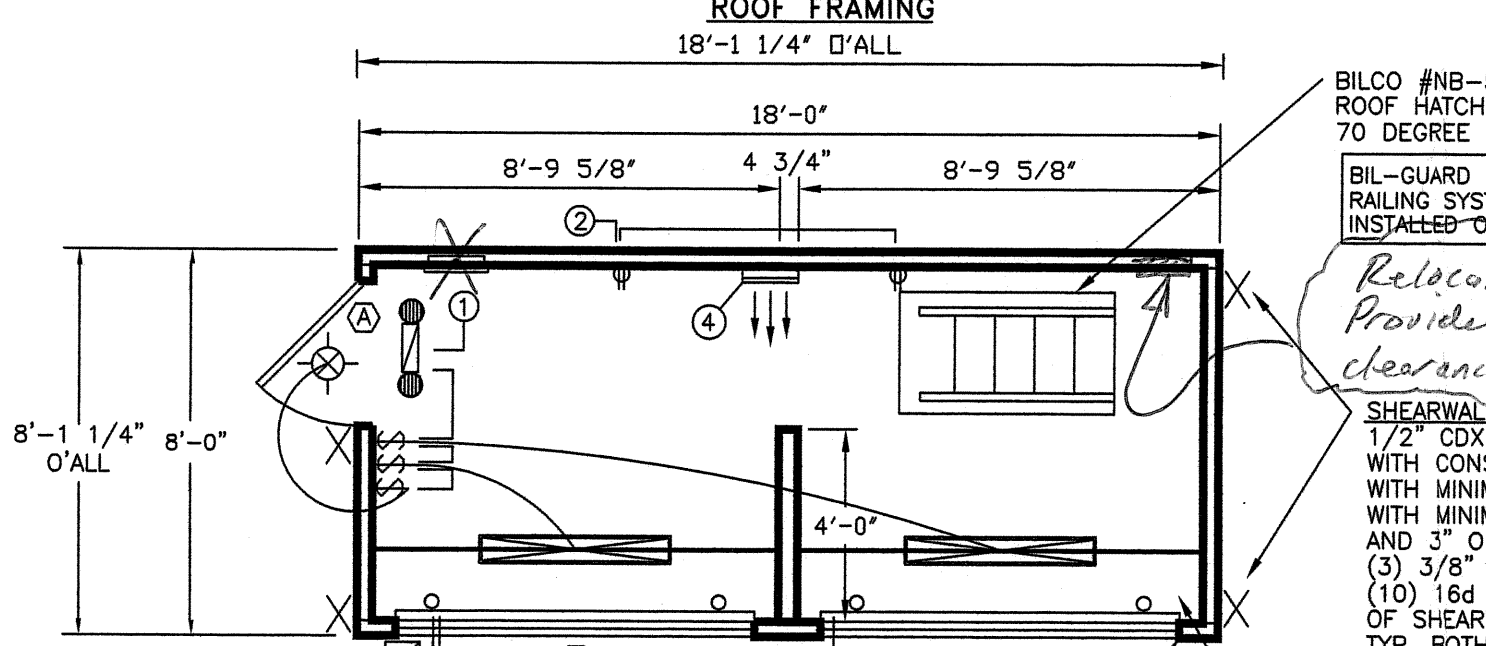
Provide statement and calculations from design engineer demonstrating that roof framing meets 100 psf live load required by State Building Code.



DOOR/WINDOW SCHEDULE

① 36"X80" "CHALLENGER" INSULATED STEEL CLAD DOOR W/ VINYL JAMB, WEATHERSTRIPPING, H.D. RETENTION CHAIN, ALUMINUM THRESHOLD, 18" WINDOW AND COMMERCIAL LEVER HANDLED KEYS LOCKSET (38" X 81 1/2" ROUGH OPENING) (WINDOW TO BE SAFETY GLASS) (DOOR COLOR WHITE) (ADA THRESHOLD)

② 90"X48" MILGARD #8000M "MONTECITO SERIES" VINYL HORIZONTAL SLIDER WINDOW W/ 3/4" INSULATED TEMPERED SAFETY GLASS AND SCREENS-WHITE

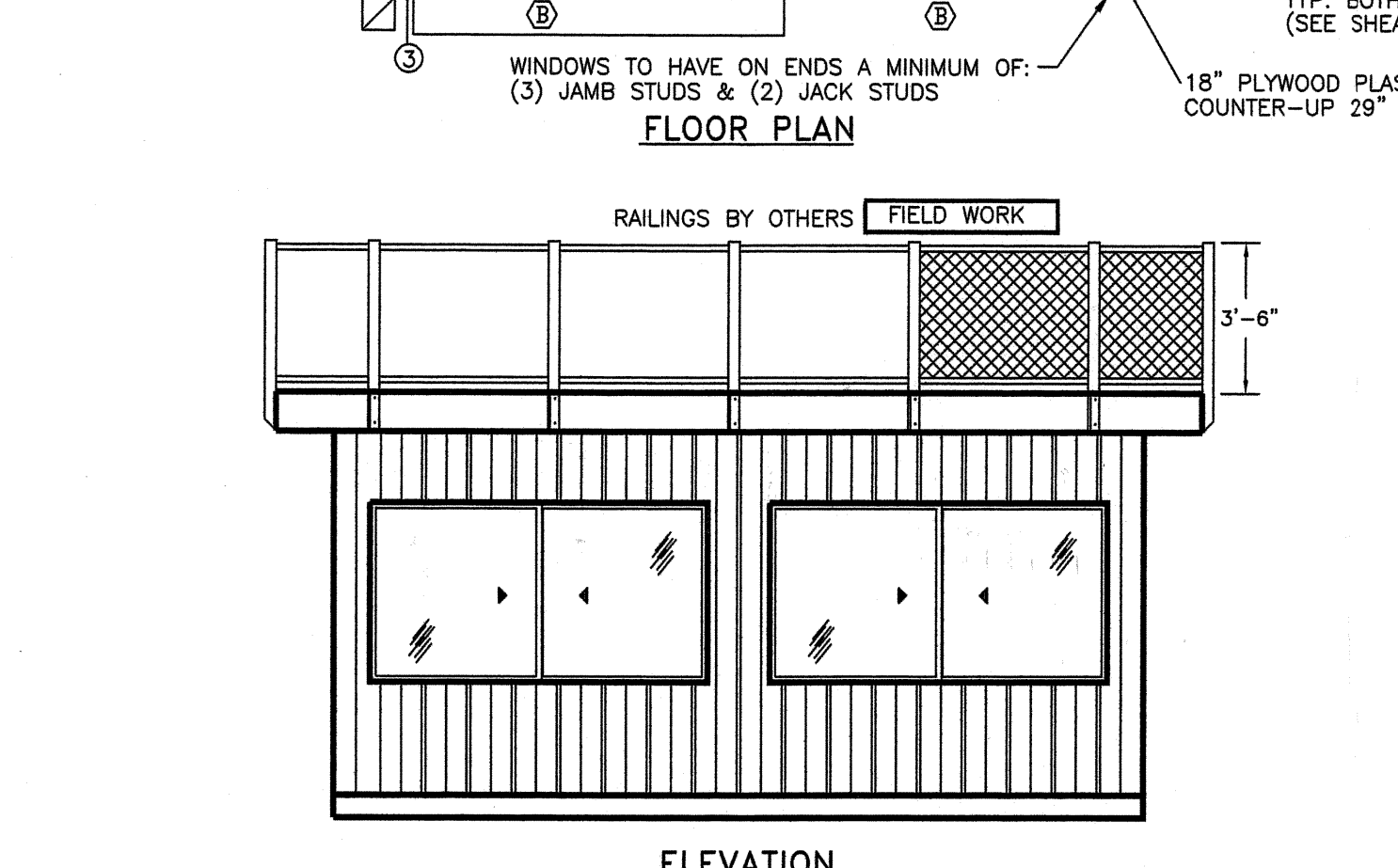


ROOF FRAMING
18'-1 1/4" O'ALL

FLOOR PLAN
18'-0" O'ALL

Relocate electric panel, provide 30" min. horizontal clearance to height of 6'-8".

18" PLYWOOD PLASTIC LAMINATE COUNTER-UP 29"



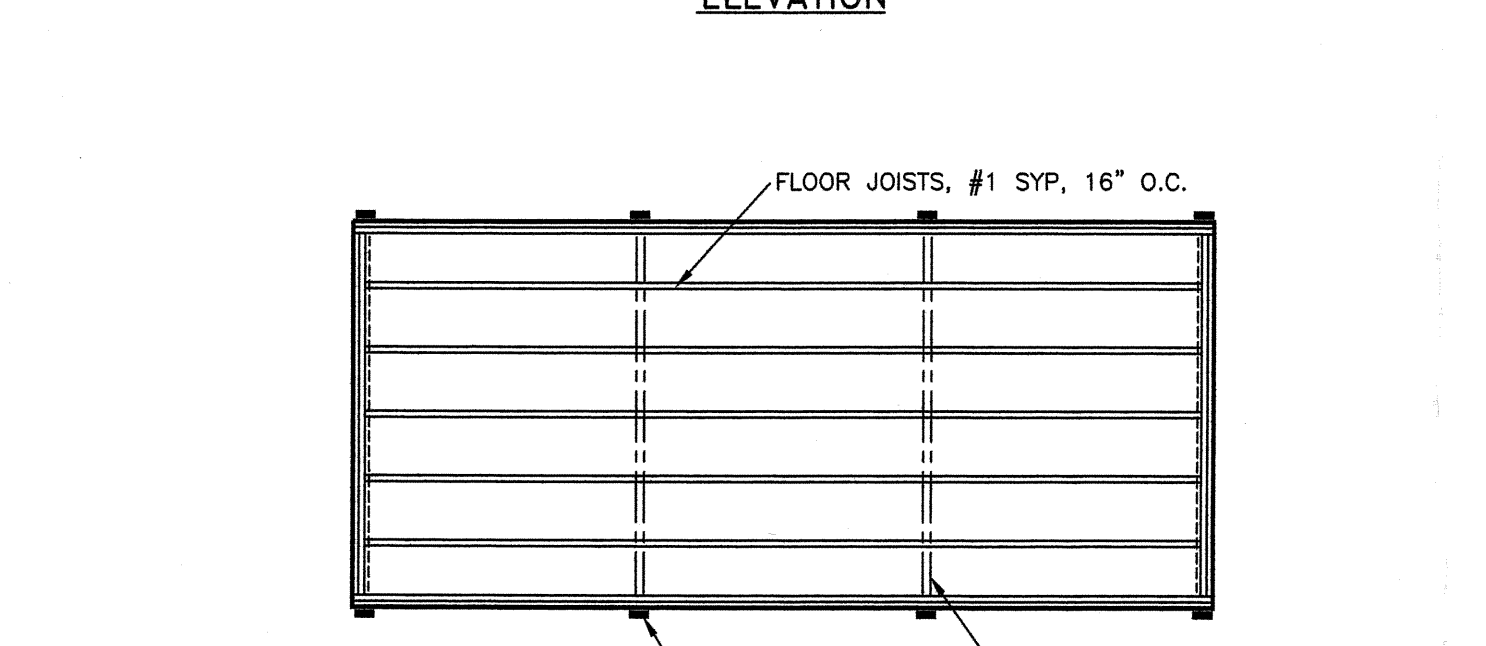
ELEVATION

END ELEVATION

DECK RAILING BY OTHERS

BILCO #NB-50 2'-6" X 4'-6" ROOF HATCH W/ ALACO #370 70 DEGREE SHIPS LADDER

BIL-GUARD HATCH RAILING SYSTEM SUPPLIED BY MFE & INSTALLED ON-SITE BY OTHERS

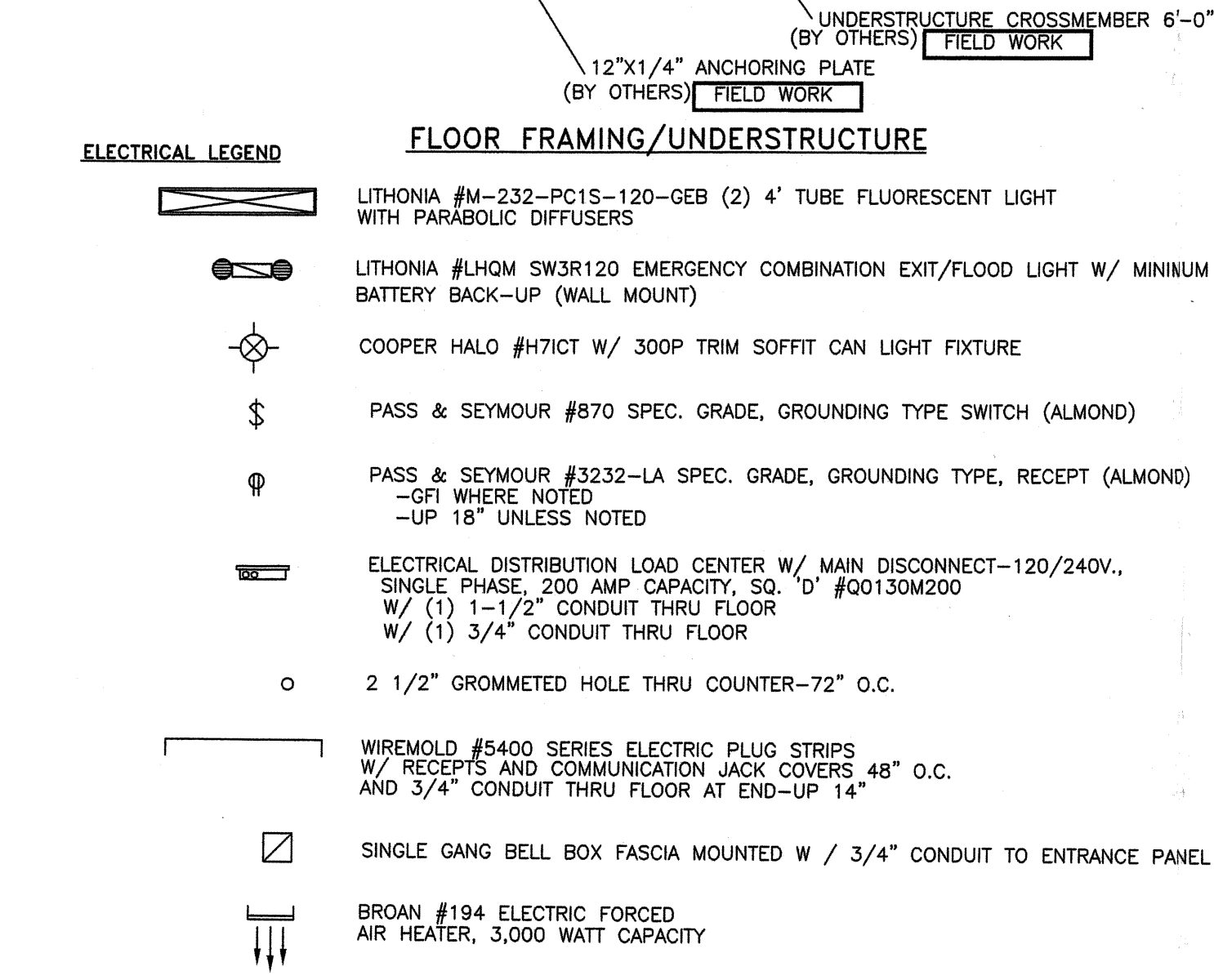


FLOOR FRAMING/UNDERSTRUCTURE

FLOOR JOISTS, #1 SYP, 16" O.C.

UNDERSTRUCTURE CROSSMEMBER 6'-0" O.C.

12" X 1/4" ANCHORING PLATE (BY OTHERS) FIELD WORK

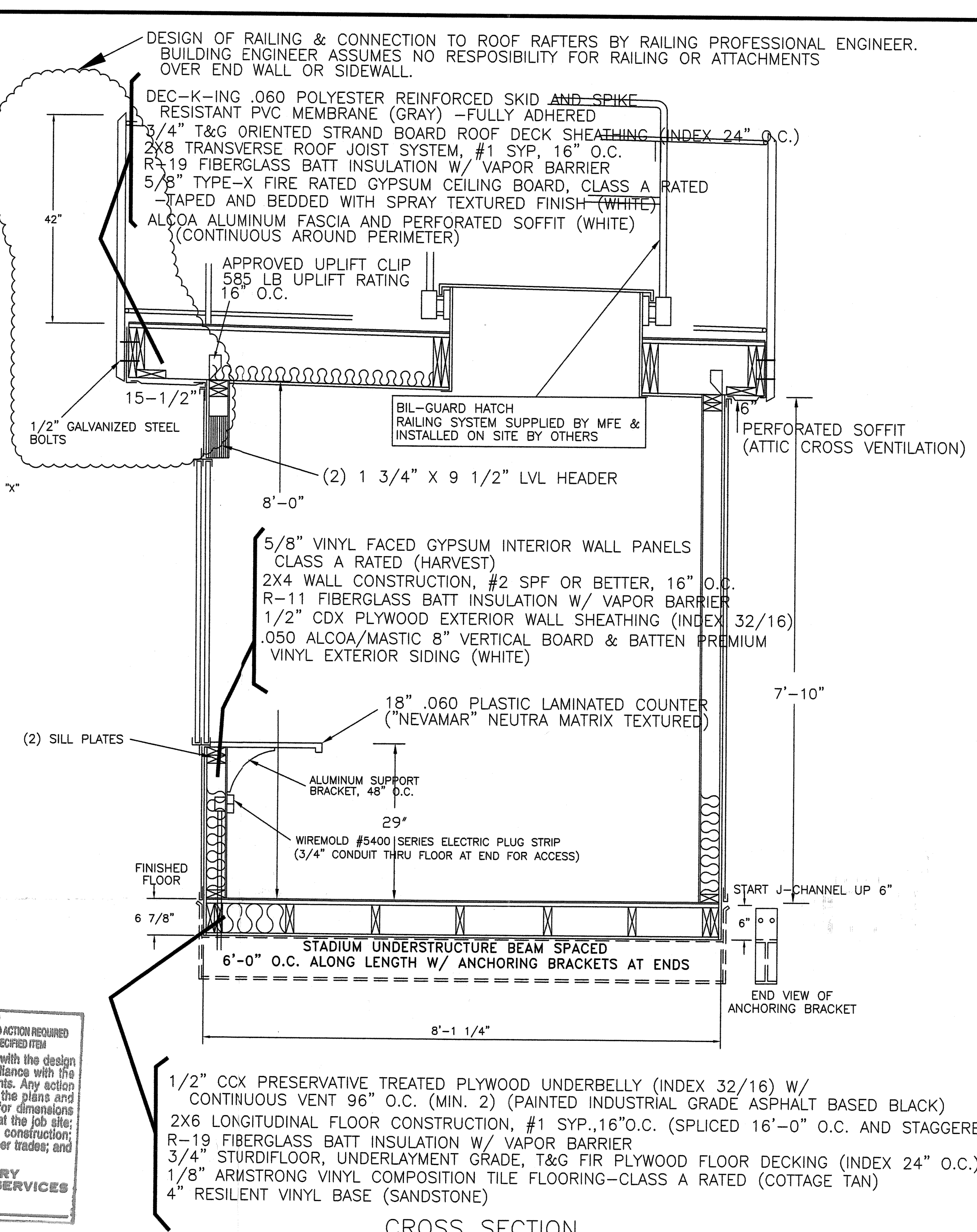


NOTE: ALL NUMBERS ON ELECTRICAL CIRCUITS DESIGNATE FEED SIDE OF CIRCUIT
ALL BRANCH CIRCUIT WIRING TO BE ENCASED IN THIN WALL EMT CONDUIT-MIN 12 THHN WIRE

ELECTRICAL DISTRIBUTION LOAD CENTER W/ MAIN DISCONNECT-120/240V., SINGLE PHASE, 200 AMP CAPACITY, SQ. D" #Q0130M200
W/ (1) 1-1/2" CONDUIT THRU FLOOR
W/ (1) 3/4" CONDUIT THRU FLOOR

No	AMP	VOLT	WIRE	DESCRIPTION	WATTS
1	20	120	12 THHN	GENERAL LIGHTING	630
2	20	120	12 THHN	GENERAL RECEPITS	360
3	20	120	12 THHN	PLUG STRIPS	1440
4	20	240	12 THHN	BROAN #194	3000
					5430

23 AMPS @ 240 VOLTS



CROSS SECTION
SCALE: 3/4"=1'-0"

DESIGN OF RAILING & CONNECTION TO ROOF RAFTERS BY RAILING PROFESSIONAL ENGINEER. BUILDING ENGINEER ASSUMES NO RESPONSIBILITY FOR RAILING OR ATTACHMENTS OVER END WALL OR SIDEWALL.

DEC-K-ING .060 POLYESTER REINFORCED SKID AND SPIKE RESISTANT PVC MEMBRANE (GRAY) -FULLY ADHERED

3/4" T&G ORIENTED STRAND BOARD ROOF DECK SHEATHING (INDEX 24" O.C.)

2X8 TRANSVERSE ROOF JOIST SYSTEM, #1 SYP, 16" O.C.

R-19 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER

5/8" TYPE-X FIRE RATED GYPSUM CEILING BOARD, CLASS A RATED

-TAPED AND BEDDED WITH SPRAY TEXTURED FINISH (WHITE)

ALCOA ALUMINUM FASCIA AND PERFORATED SOFFIT (WHITE) (CONTINUOUS AROUND PERIMETER)

APPROVED UPLIFT CLIP
585 LB UPLIFT RATING
16" O.C.

(2) 1 3/4" X 9 1/2" LVL HEADER

5/8" VINYL FACED GYPSUM INTERIOR WALL PANELS
CLASS A RATED (HARVEST)

2X4 WALL CONSTRUCTION, #2 SPF OR BETTER, 16" O.C.

R-11 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER

1/2" CDX PLYWOOD EXTERIOR WALL SHEATHING (INDEX 32/16)

.050 ALCOA/MASTIC 8" VERTICAL BOARD & BATTEN PREMIUM VINYL EXTERIOR SIDING (WHITE)

18" .060 PLASTIC LAMINATED COUNTER ("NEVAMAR" NEUTRA MATRIX TEXTURED)

ALUMINUM SUPPORT BRACKET, 48" O.C.

WIREMOLD #5400 SERIES ELECTRIC PLUG STRIP (3/4" CONDUIT THRU FLOOR AT END FOR ACCESS)

FINISHED FLOOR

6 7/8"

6'-0" O.C. ALONG LENGTH W/ ANCHORING BRACKETS AT ENDS

8'-1 1/4"

START J-CHANNEL UP 6"

END VIEW OF ANCHORING BRACKET

1/2" CDX PRESERVATIVE TREATED PLYWOOD UNDERBELLY (INDEX 32/16) W/ CONTINUOUS VENT 96" O.C. (MIN. 2) (PAINTED INDUSTRIAL GRADE ASPHALT BASED BLACK)

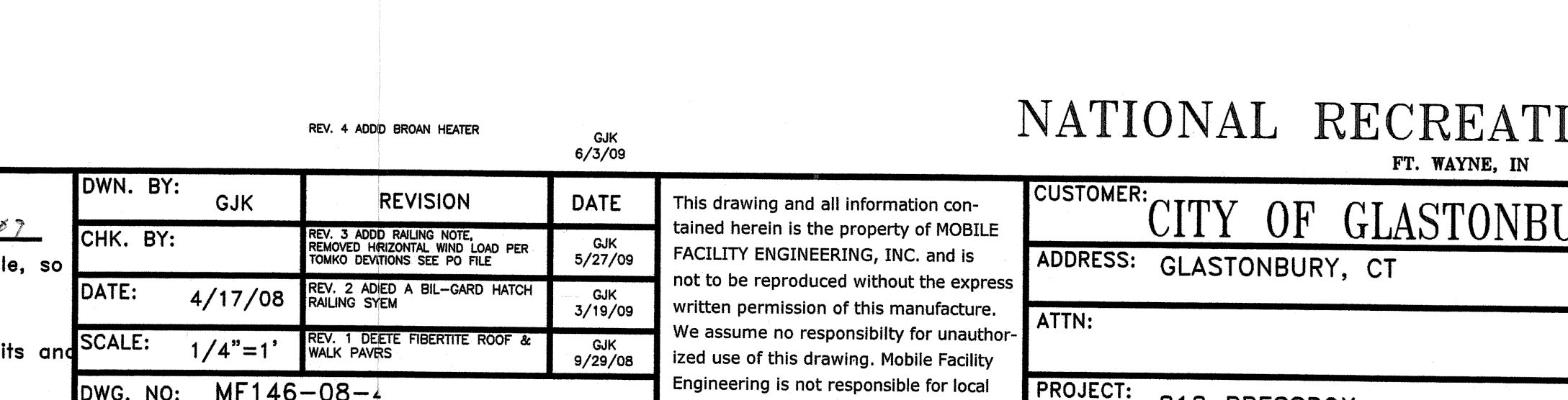
2X6 LONGITUDINAL FLOOR CONSTRUCTION, #1 SYP, 16" O.C. (SPLICED 16'-0" O.C. AND STAGGERED)

R-19 FIBERGLASS BATT INSULATION W/ VAPOR BARRIER

3/4" STURDFLOOR, UNDERLAYMENT GRADE, T&G FIR PLYWOOD FLOOR DECKING (INDEX 24" O.C.)

1/8" ARMSTRONG VINYL COMPOSITION TILE FLOORING-CLASS A RATED (COTTAGE TAN)

4" RESILIENT VINYL BASE (SANDSTONE)



DESIGN CODES
2005 STATE BUILDING CODE SUPPLEMENT
2003 INTERNATIONAL BUILDING CODE
2003 INTERNATIONAL MECHANICAL CODE
2003 INTERNATIONAL ENERGY CONSERVATION CODE
2003 ICC/ANSI A117-1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2005 NATIONAL ELECTRICAL CODE

DESIGN SPECIFICATIONS
ROOF LIVE LOAD: 100 PSF
FLOOR LIVE LOAD: 100 PSF
OCCUPANCY GROUP: A-5
CONSTRUCTION TYPE: V-B
ACTUAL OCCUPANCY NOT TO EXCEED: 9 PERSONS (EXPOSURE B), 100 MPH @ 30' MEAN ROOF HEIGHT
HORIZONTAL WIND: Av = 0.15, CATEGORY "C"
SEISMIC LOAD: 30 PSF
GROUND SNOW LOAD: 30 PSF

GENERAL/STRUCTURAL
RAILINGS & GUARDS ARE SUPPLIED AND INSTALLED BY OTHERS ON SITE AND ARE SUBJECT TO INSPECTION BY LOCAL OFFICIALS HAVING JURISDICTION. INTERIOR PARTITIONS TO BE CONSTRUCTED TO WITHSTAND A 5 PSF HORIZONTAL FORCE. INTERIOR WALL BOARD SHALL BE 1/4" NOMINAL THICKNESS OR CONFORM TO SEC. 804.3 (TESTED W/ WATER RESISTANT SUSPENDED FROM NON-COMBUSTIBLE BACKING). EXTERIOR BRACING PROVIDED BY 1/2" CDX AND GLUED W/ APPROVED PVA GLUE AT ALL STUD TO ENDWALL CONNECTIONS. APPROVED DATA PLATE AND THIRD PARTY LABEL TO BE LOCATED ON MAIN ENTRANCE PANEL ON SITE STRUCTURE TO MEET THE FOLLOWING: UPLIFT RATING FROM RIM JOIST TO SUPPORT AND RESIST 1600 LBS @ 6'-0" O.C. RATING OF HORIZONTAL CONNECTION TO BE A MINIMUM OF 1750 LBS @ 6'-0" O.C. BEARING SUPPORT OF THE UNDERSTRUCTURE TO HAVE MIN. CAPACITY OF 6000 LBS @ 6'-0" O.C. PANELING AND SHEATHING ON END WALLS TO BE FULLY GLUED AND STAPLED W/ NO SEAMS AT WINDOW LOCATIONS.

BUILDING CODE
ATTIC VENTILATION SHALL NOT BE LESS THAN 1/150 OF THE HORIZONTAL AREA TO BE VENTILATED. THE BUILDING EXTERIOR AND ALL FACILITIES WITHIN THE BUILDING SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. BUILDER/DEALER SHALL BE RESPONSIBLE FOR ON SITE BARRIER FREE PROVISIONS. BUILDING APPROACH SHALL HAVE A MINIMUM WIDTH OF 5' AND A GRADIENT OF NOT MORE THAN A FOOT IN 20 FOOT. ALL LOCKS TO BE UNLOCKABLE FROM THE INTERIOR WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE. CORROSION RESISTANT FLASHING AT TOP AND SIDES OF DOORS, WINDOWS, AND AT ROOF PENETRATIONS. ALL GLAZING WITHIN A 24" ARC OF VERTICAL DOOR EDGES IN THE CLOSED POSITION TO BE SAFETY GLAZED AND MARKED SO. INTERIOR FINISH SHALL BE CLASS A. RESTROOM AND HANDICAPPED RESTROOM FACILITIES ARE TO BE PROVIDED IN AN ADJACENT BUILDING LOCATED ON THE SAME PROPERTY HAVING ADEQUATE FACILITIES TO HANDLE THE ADDITIONAL OCCUPANT LOAD CREATED BY THE ADDITION OF THIS BUILDING TO THE SITE. THE LOCAL OFFICIAL HAVING JURISDICTION SHALL VERIFY THE EXISTENCE OF THESE FACILITIES. THE MINIMUM SEPARATION OF THE UNIT FROM ANY PROPERTY LINE OR ASSUMED PROPERTY LINE IS 15 FT.

ELECTRICAL
ALL WIRING TO BE ENCASED IN THIN ALL EMT CONDUIT MIN. 12 THHN COPPER WIRE. ALL RECEPTACLES TO BE GROUNDING TYPE. MAIN PANEL TO BE MARKED SUITABLE FOR USE AS SERVICE EQUIPMENT, AND BE EQUIPPED WITH BREAKER/FUSE TYPE OVER CURRENT PROTECTION. PROPER THERMAL OVERLOAD PROTECTION TO BE PROVIDED FOR ALL MOTORS. DISCONNECTING MEANS WITHIN SITE REQUIRED FOR ALL MOTORS. WEATHERPROOF PROTECTION REQUIRED FOR ALL OUTDOOR LIGHTS, RECEPTACLES AND DISCONNECTS. PROPER WORKING CLEARANCES TO BE PROVIDED AND MAINTAINED AROUND ALL ELECTRICAL EQUIPMENT. ALL FLUORESCENT FIXTURES REQUIRE THERMAL PROTECTION AND PROPER CLEARANCES FROM INSULATION, ALSO APPLICABLE FOR INCANDESCENT FIXTURES. EXIT LIGHTS (IF ELECTRIC) MUST BE FED FROM AN APPROVED EMERGENCY SERVICE CONNECTED AHEAD OF, BUT NOT WITHIN MAIN SERVICE DISCONNECTING MEANS ENCLOSURE, AND INSTALLED AS PER SERVICE REQUIREMENTS, OR BE BATTERY BACK UP TYPE UNITS. SERVICE CONDUCTORS LOCATED WITHIN THE PERIMETER OF THE BUILDING SHALL BE INSTALLED PER 2005 NEC. ELECTRICAL WIRING TO BE INSTALLED PER 2005 NEC. ALL DATA/TELECOMMUNICATION CONDUCTORS TO BE INSTALLED & TERMINATED ON SITE BY OTHERS.

NOTE:
MOBILE FACILITY ENGINEERING, INC. IS NOT RESPONSIBLE FOR THE INSTALLATION OF THIS STRUCTURE OR ANY USE OF THIS STRUCTURE THAT IS DIFFERENT THAN ITS ORIGINAL INTENT. MFE IS ALSO NOT RESPONSIBLE FOR ANY ADDITIONS OR ALTERATIONS TO THE STRUCTURE THAT AFFECTS ITS USE, AND/OR DAMAGES ARISING THEREFROM.
MOBILE FACILITY ENGINEERING, INC. IS NOT RESPONSIBLE FOR STATE OR LOCAL PERMITS OR OCCUPANCY REQUIREMENTS.
ALL RAILINGS ARE DESIGNED, SUPPLIED AND INSTALLED BY OTHERS.
THIS BUILDING SHALL NOT BE USED FOR THE GENERAL PUBLIC OR SPECTATOR VIEWING.

FASTENING SCHEDULE

BUILDING ELEMENT	FASTENER	NUMBER AND LOCATION
STUD TO SOLE PLATE	15GA X 2-1/2" LONG GALVANIZED STAPLE	(4) DIRECT
STUD TO CAP PLATE	15GA X 2-1/2" LONG GALVANIZED STAPLE	(4) DIRECT
CORNER STUDS	#8X3" SCREW	12" O.C. DIRECT
SOLE PLATE TO JOIST OR BLOCKING	16G COMMON	14" O.C.
DOUBLE CAP PLATE	15GA X 2-1/2" LONG GALVANIZED STAPLE	(2) 10" O.C. DIRECT
FLOOR JOISTS	16G COMMON	MIN. (3) DIRECT
DOUBLE EDGE RAIL	16G COMMON	MIN. (3) DIRECT
CEILING JOISTS TO PLATE	16G COMMON	MIN. (3) DIRECT
CEILING JOISTS TO PLATE OVER EA. END WALL	16G COMMON	MIN. (5) DIRECT
HEADER BEAMS TO JAMB STUD (2 MEMBERS)	15GA X 2-1/2" LONG GALVANIZED STAPLE	(10) EACH END
SILL TO JAMB STUD	15GA X 2-1/2" LONG GALVANIZED STAPLE	(5) PER SILL WITH (2) SILL MEMBERS
ROOF JOIST TO TOP PLATE	16G COMMON	MIN. (2) DIRECT
PLYWOOD ROOF AND WALL SHEATHING (1/2" OR LESS)	15GA X 1-1/2" LONG GALVANIZED STAPLE	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS
PLYWOOD ROOF AND WALL SHEATHING (5/8" OR GREATER)	15GA X 2" LONG GALVANIZED STAPLE	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS
PLYWOOD SUBFLOORING (5/8" X 3/4")	6d RING SHANK	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS
PARTICLEBOARD ROOF AND WALL SHEATHING (1/2" OR LESS)	15GA X 1-1/2" LONG GALVANIZED STAPLE	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS
PARTICLEBOARD ROOF AND WALL SHEATHING (5/8" OR GREATER)	15GA X 2" LONG GALVANIZED STAPLE	6" O.C. DIRECT EDGES & 12" O.C. INTERMEDIATE SUPPORTS

NATIONAL RECREATION SYSTEMS
FT. WAYNE, IN

CITY OF GLASTONBURY
ADDRESS: GLASTONBURY, CT

MOBILE FACILITY ENGINEERING, Inc.
306 W. STATE STREET - CASSOPOLIS, MICHIGAN 49031 - PHONE: 269/445-3838 - FAX: 269/445-2251
www.mfeinc.com

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APPROVED FOR PRODUCTION
DATE 6/23/07

Return approved drawing as soon as possible, so that production can be scheduled.

NOTE: Manufacturer not responsible for local permits and occupancy requirements.

DWN. BY: GJK
CHK. BY: GJK
DATE: 4/17/08
SCALE: 1/4"=1'
DWG. NO: MF146-08-4

REVISION
REV. 1: ADD RAILING NOTE, REMOVED HORIZONTAL WIND LOAD PER TOWN ENGINEERS SEE PD FILE
REV. 2: ADD A BIL-GUARD HATCH RAILING ITEM
REV. 3: DELETE FIBERITE ROOF & WALK PAVES
DATE: 5/27/09
DATE: 3/19/09
DATE: 9/29/08

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CUSTOMER: CITY OF GLASTONBURY
ATTN:
PROJECT: 818 PRESSBOX

TITLE: FLOOR PLAN
SHT #1

GLASTONBURY PARKS GLASTONBURY, CT

8' X 18' PRESS BOX W/1 LANDING WITH 48" ELEV. U-TURN RAMP

BLEACHER ENTRY STAIR



21090001.002

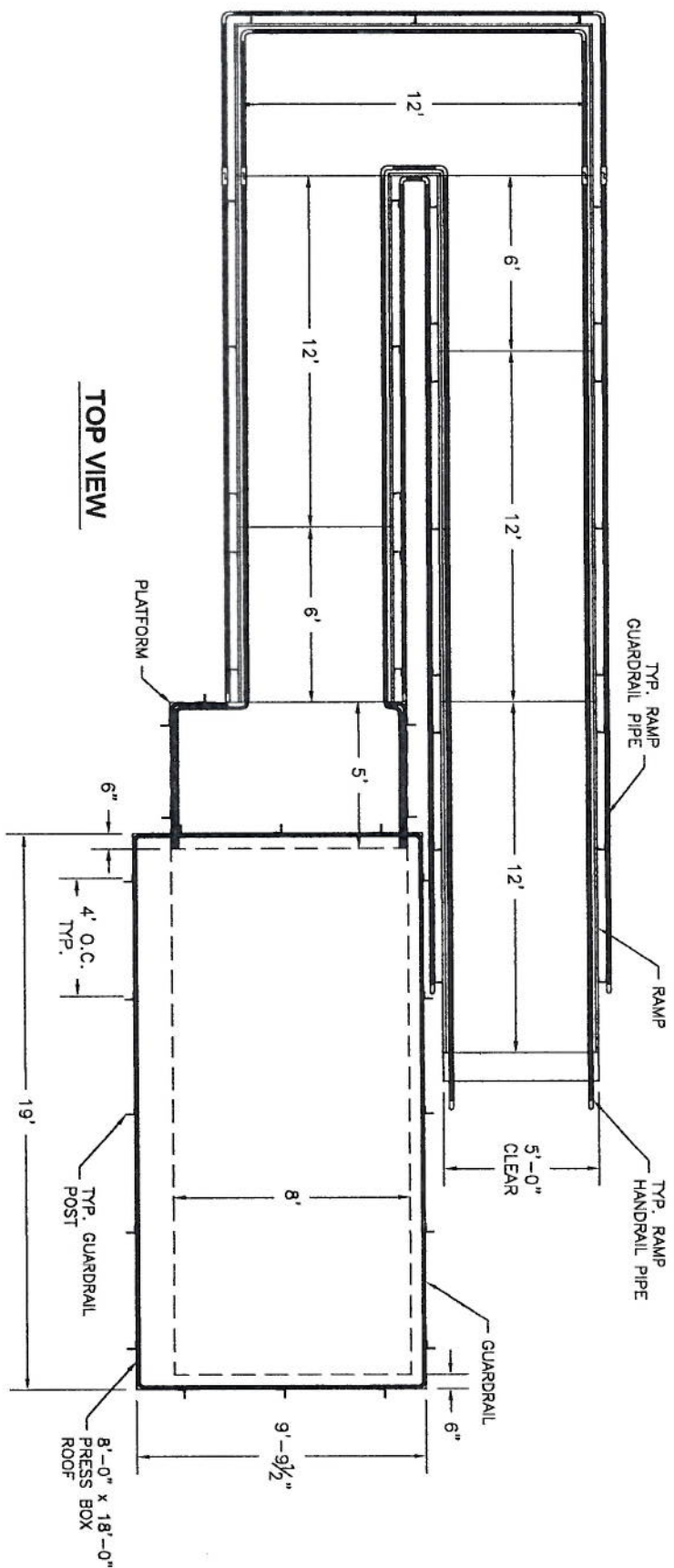
IMPORTANT NOTICE:

LOCAL CODES AND REQUIREMENTS VARY. OFFICIAL CODE INTERPRETATION AND APPLICATION RESTS SOLELY WITH LOCAL AUTHORITIES. N.R.S. AND I.T'S REPRESENTATIVES CANNOT ASSUME LIABILITY FOR CODE COMPLIANCE. THE OWNER REMAINS RESPONSIBLE FOR COMPLIANCE.

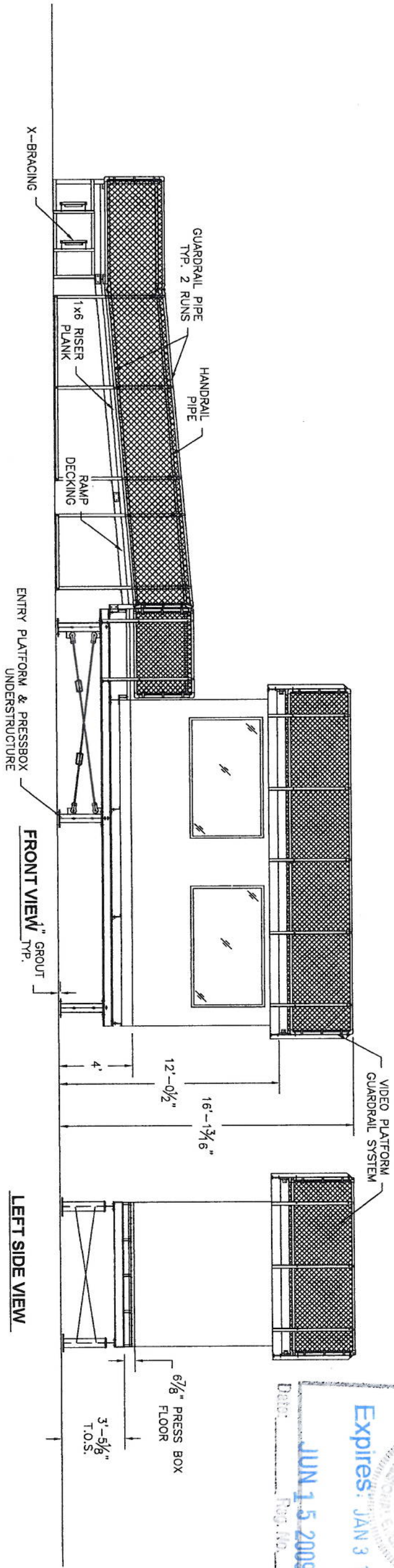
National Recreation Systems, Inc.

P.O. BOX 11487 FORT WAYNE, IN 46858-1487

- COVB01875
- PB_GLASTONBURY
- PB081848EL
- PB081848FP1
- PFOUND081800B02
- SUB-RMP-0021
- EP-GLASTONB1
- PBASSYDET01G
- COVER SHEET
- 8' x 18' PRESSBOX EXTERIOR ELEVATIONS
- 8' x 18' PRESSBOX FRAMING PLAN
- FOUNDATION PLAN FOR 8' x 18' PRESS BOX/RAMP
- FOUNDATION PLAN FOR 8' x 18' P/B W/1 LANDINGS
- TYP. HANDICAP RAMP SUBMITTAL
- 49" ELEVATED ENTRY STAIR W/PLATFORM
- TYP. PRESSBOX UNDER DETAILS WITH MID BRACES



TOP VIEW



FRONT VIEW

LEFT SIDE VIEW

Larry D. Hines, P.E.
 1408 Grand Street, Suite 100
 Naperville, Illinois 60563
 Phone: 630.277.2777
 Fax: 630.277.2774
 Expires: JAN 31 2010
 Date: JUN 15 2009
 Reg. No.

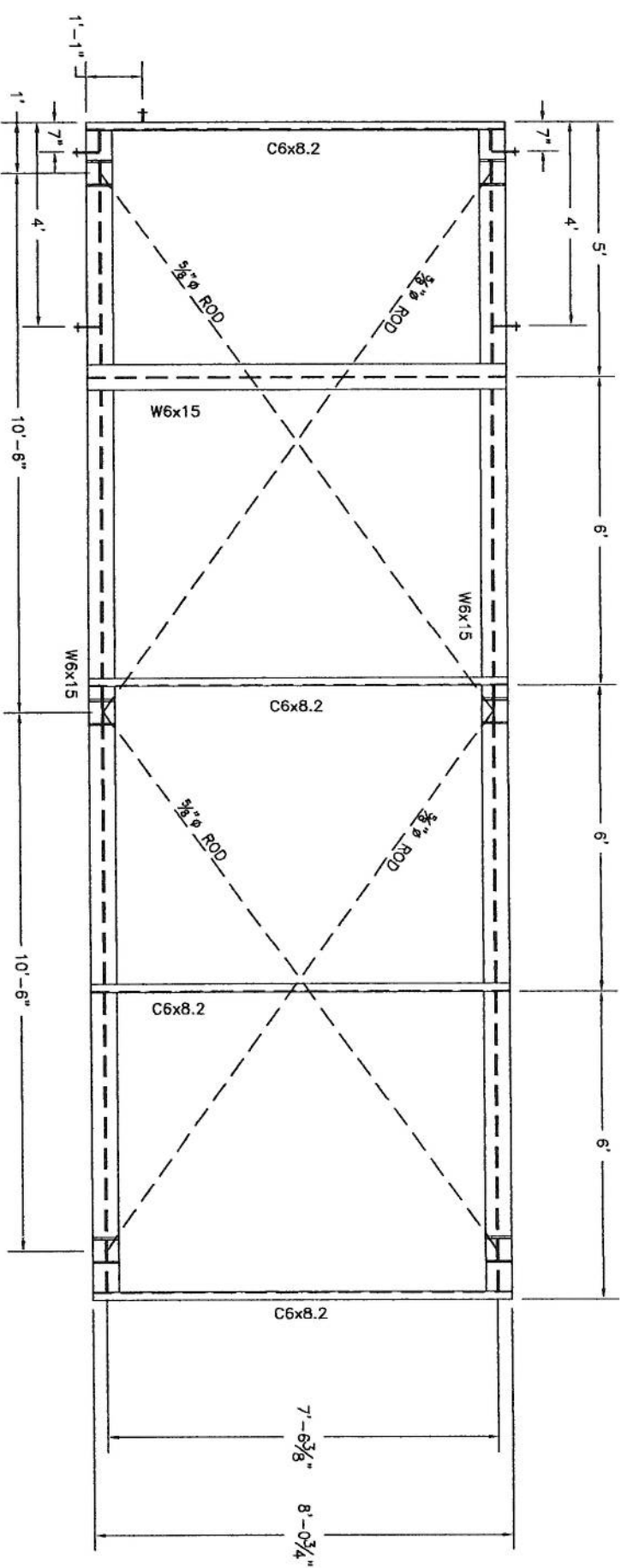
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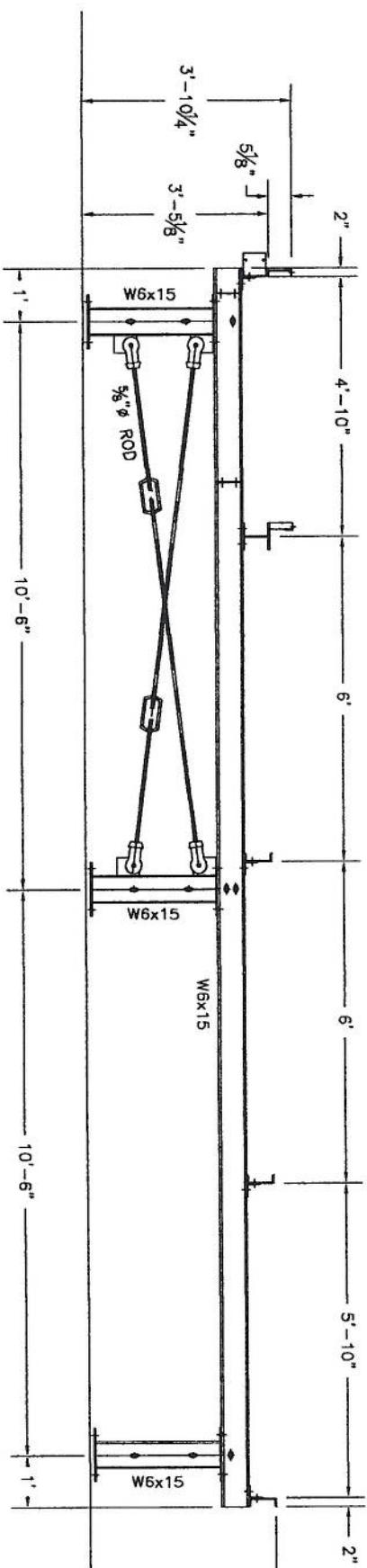
SCALE: N.T.S.
 DATE: 6/4/09
 TITLE: 48" ELEVATED PRESSBOX OVERVIEW
 CUSTOMER: GLASTONBURY

APPROVED BY: [Signature]
 DRAWN BY: NLN/RM
 DRAWING NUMBER: PB_GLASTONBURY

PLAN VIEW

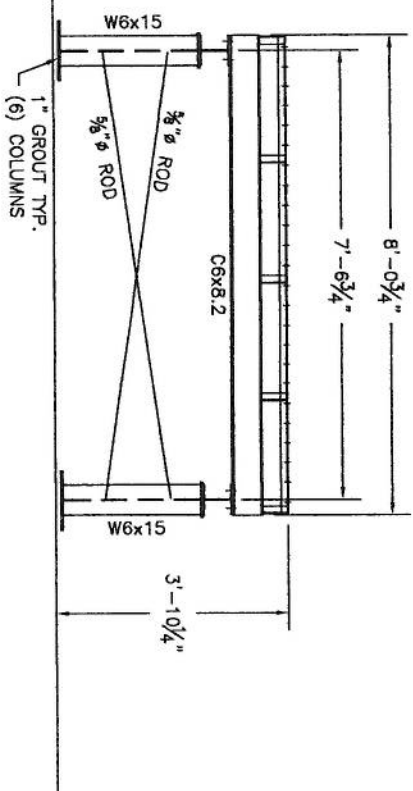


SIDE VIEW



NOTE:
WELD E70 ELECTRODES
Fy = 50ksi

END VIEW
TYPICAL THREE PLACES



Larson Engineering of Illinois
1488 Bond Street, Suite 100
Naperville, IL 60563
Phone: 630-577-0740
Fax: 630-577-0741

Expires: JAN 31 2010
JUN 15 2009

STATE OF ILLINOIS
Professional Engineer
No. 021-000000000-00000
Date: _____ Reg. No. _____

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National Recreation Systems, Inc.

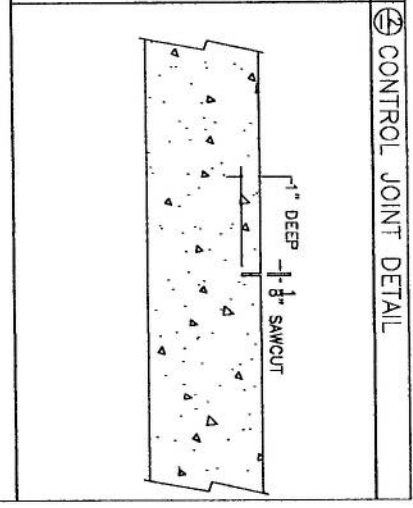
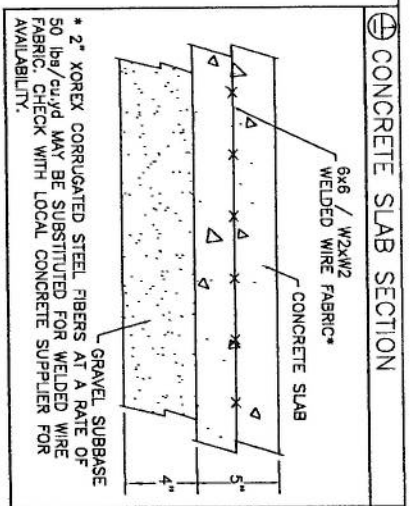
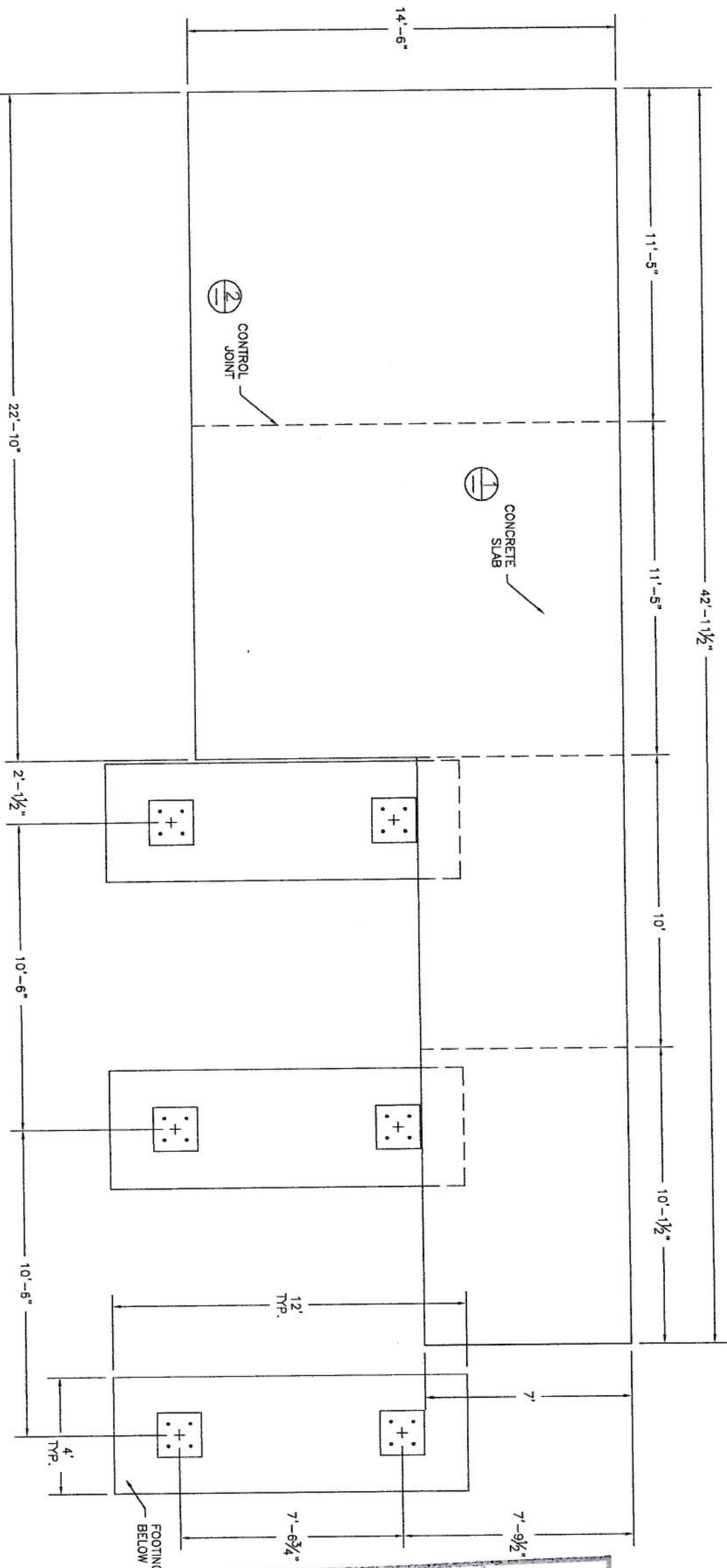
P.O. BOX 11487 FORT WAYNE, IN 46858-1487

SCALE: N.T.S. APPROVED BY: _____ DRAWN BY: RM

DATE: 6/4/09

TITLE: 8' x 18' PRESSBOX UNDERSTRUCTURE 4' ELEV.

CUSTOMER: GLASTONBURY PARK DRAWING NUMBER: PB081848EL



Larson Engineering of Illinois
 1488 Bond Street, Suite 100
 Naperville, Illinois 62563
 Phone: 630-827-4100
 Fax: 630-827-4101

Expires: JAN 31 2010
 JUN 15 2009

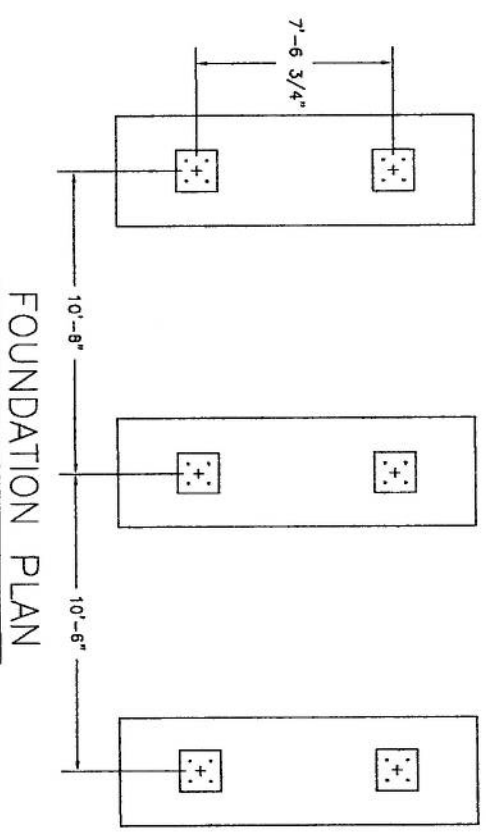
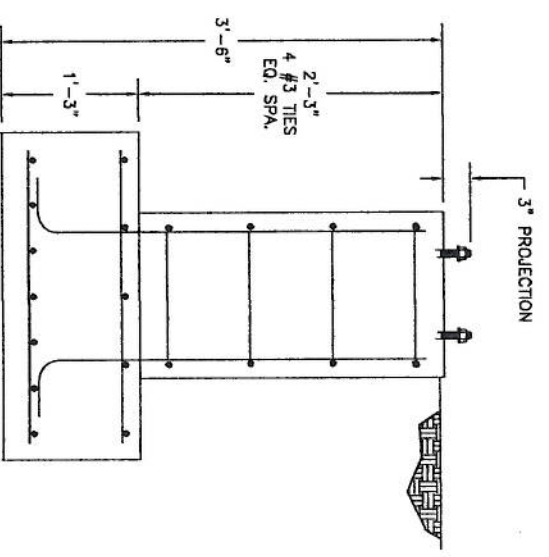
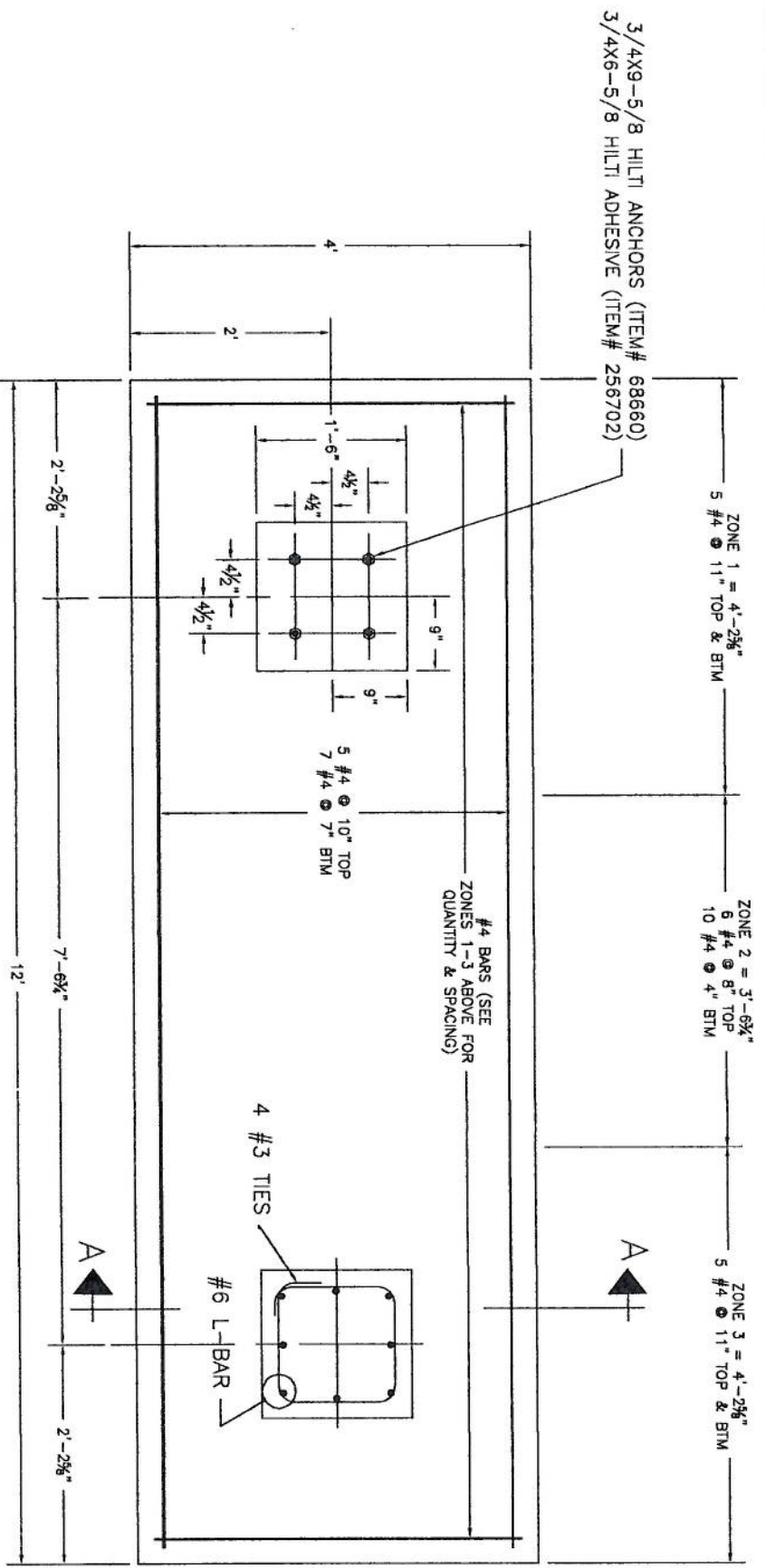
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SCALE: N.T.S.	APPROVED BY: _____
DATE: 6/4/09	DRAWN BY: RM
TITLE: PRESSBOX/RAMP FOUNDATION PLAN	
CUSTOMER: GLASTONBURY PARK	DRAWING NUMBER: PB081848FP1



BENT BARS

NO.	SIZE	TYPE	LENGTH	A	B	C	D	E	G	WEIGHT
48	#6	T2	4'-4"	10	42	14	14	14	5	313
24	#3	T2	5'-6"	5	14	14	14	14	5	50

STRAIGHT BARS

NO.	SIZE	LENGTH	WEIGHT
36	#4	11'-6"	277
108	#4	3'-6"	253

- NOTES:**
1. $F_c = 3000$ psi
 2. Grade 60 Re-bar
 3. Per ACI 318-05
 4. Frost depth 3'-6"
 5. FOUNDATION DESIGN IS BASED ON SOIL BEARING OF 2000 PSF. OWNER IS RESPONSIBLE FOR PROVIDING SOIL CONDITIONS TO MEET REQUIRED LOADS

Date: _____ Reg. No. _____

Expires: JAN 31 2010

JUN 15 2009

Larson Engineering of Illinois
 1408 Bond Street, Suite 100
 Naperville, Illinois 60563
 Phone: 630-577-9500
 Fax: 630-577-2004

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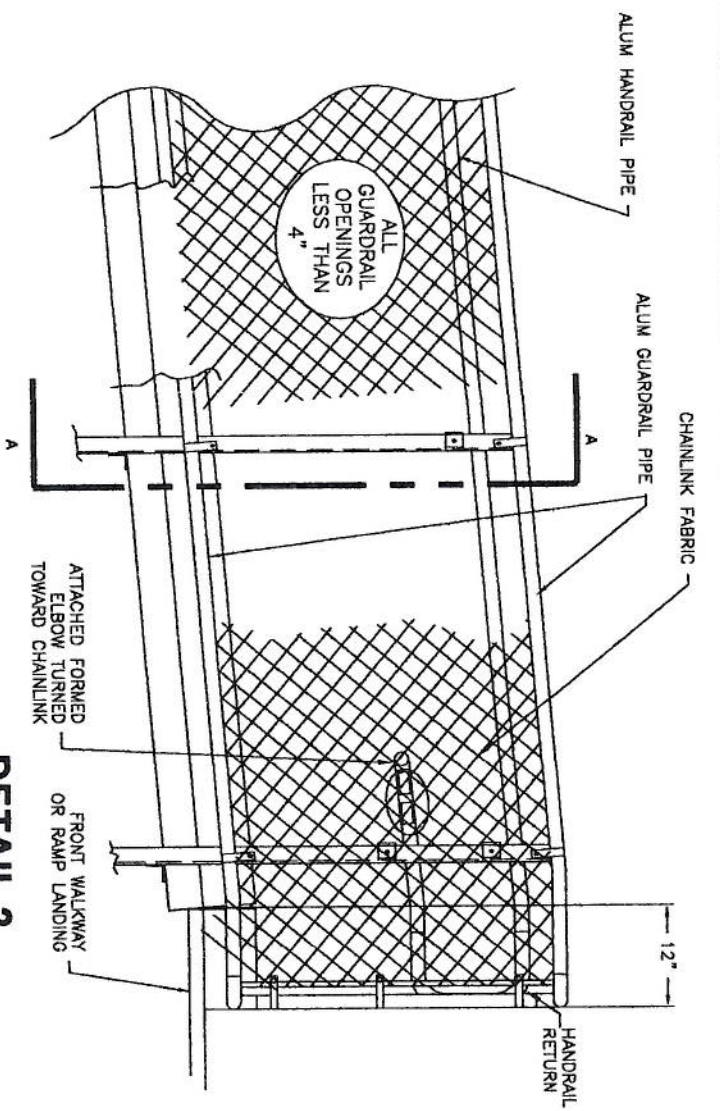
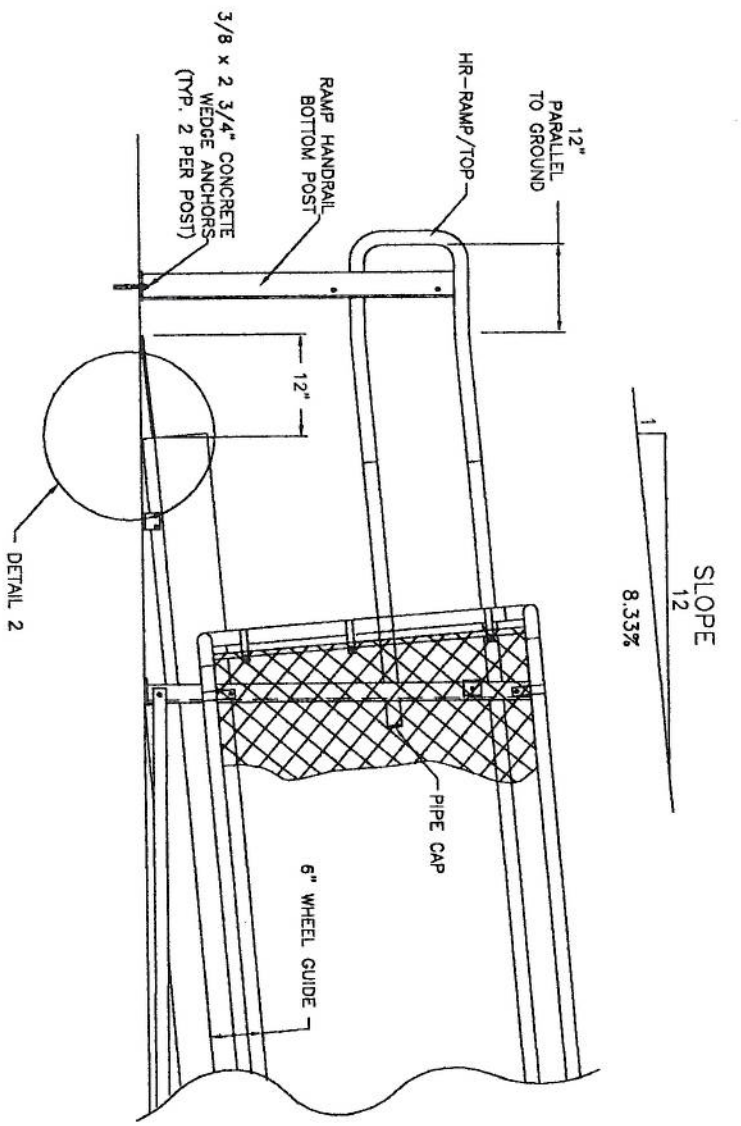
P.O. BOX 11487 FORT WAYNE, IN 46858-1487

SCALE: N.T.S. APPROVED BY: _____ DRAWN BY: RM

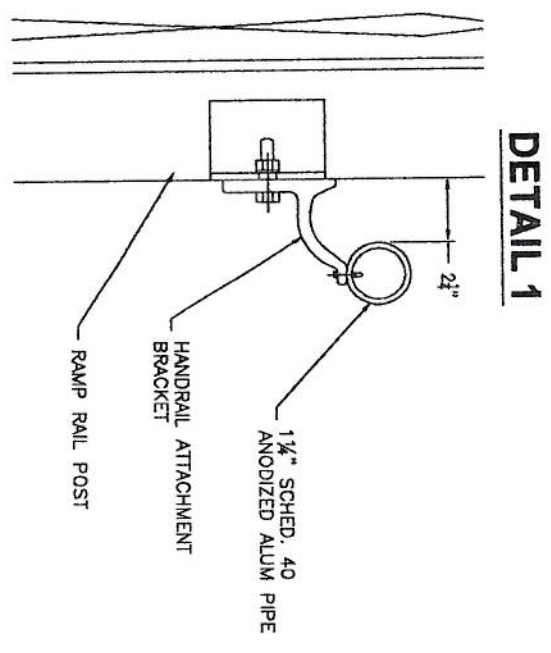
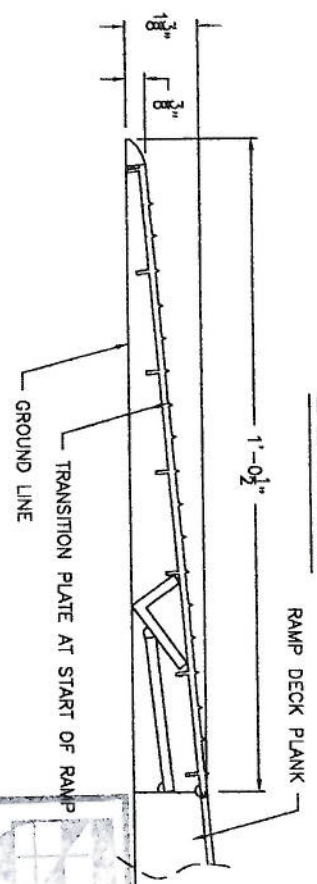
DATE: 6/4/09

TITLE: FOUNDATION PLAN FOR 8'x18' PRESSBOX W/1 LANDING

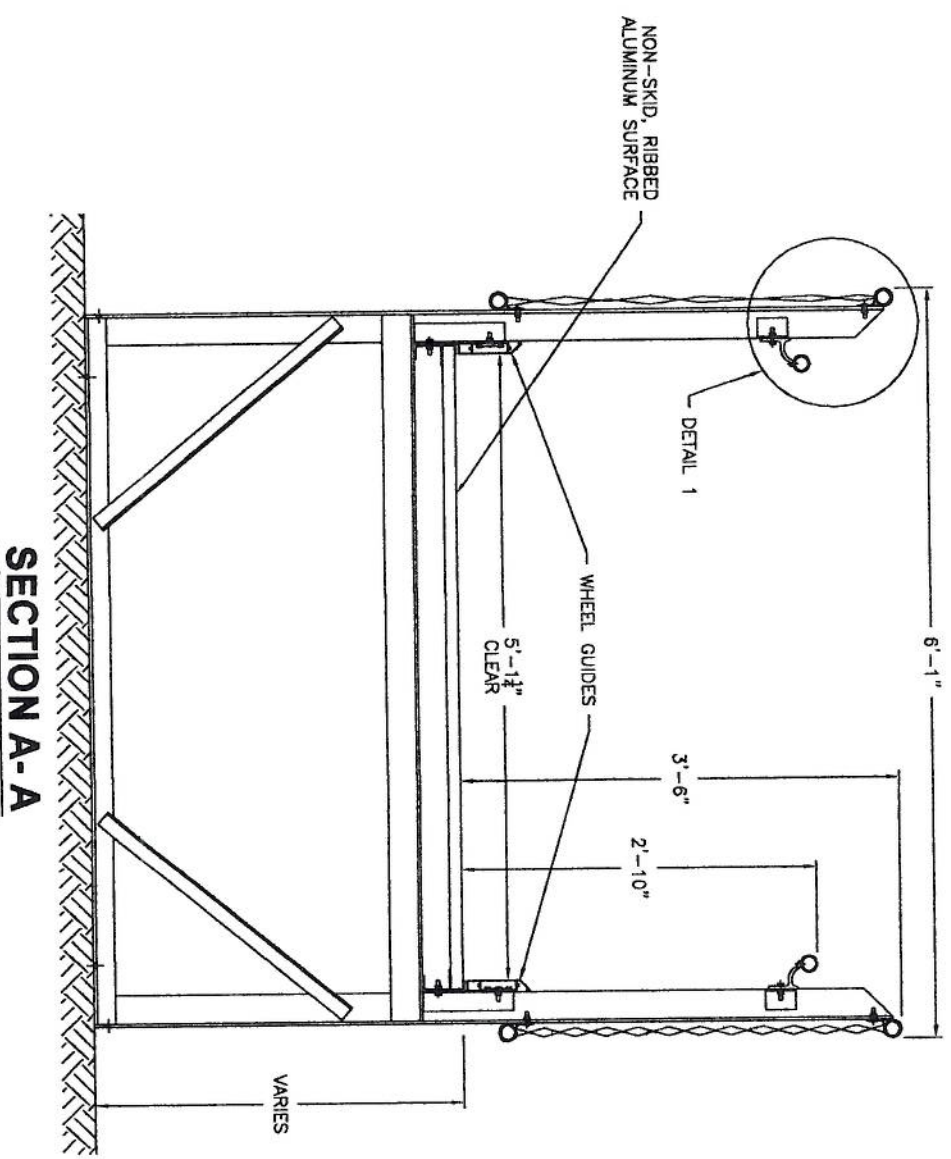
CUSTOMER: GLASTONBURY PARK DRAWING NUMBER: PBF0UN081800B02



NOTE:
SEE SEATING PLAN FOR RAMP
LOCATION & CONFIGURATIONS.



DETAIL 1



SECTION A-A

Larsen Engineering of Illinois
1438 Bond Street, Suite 100
Marengo, Illinois 60563
Phone: 630-557-9270
Fax: 630-557-9924

Expires: JAN 3 1 2010

JUN 15 2009

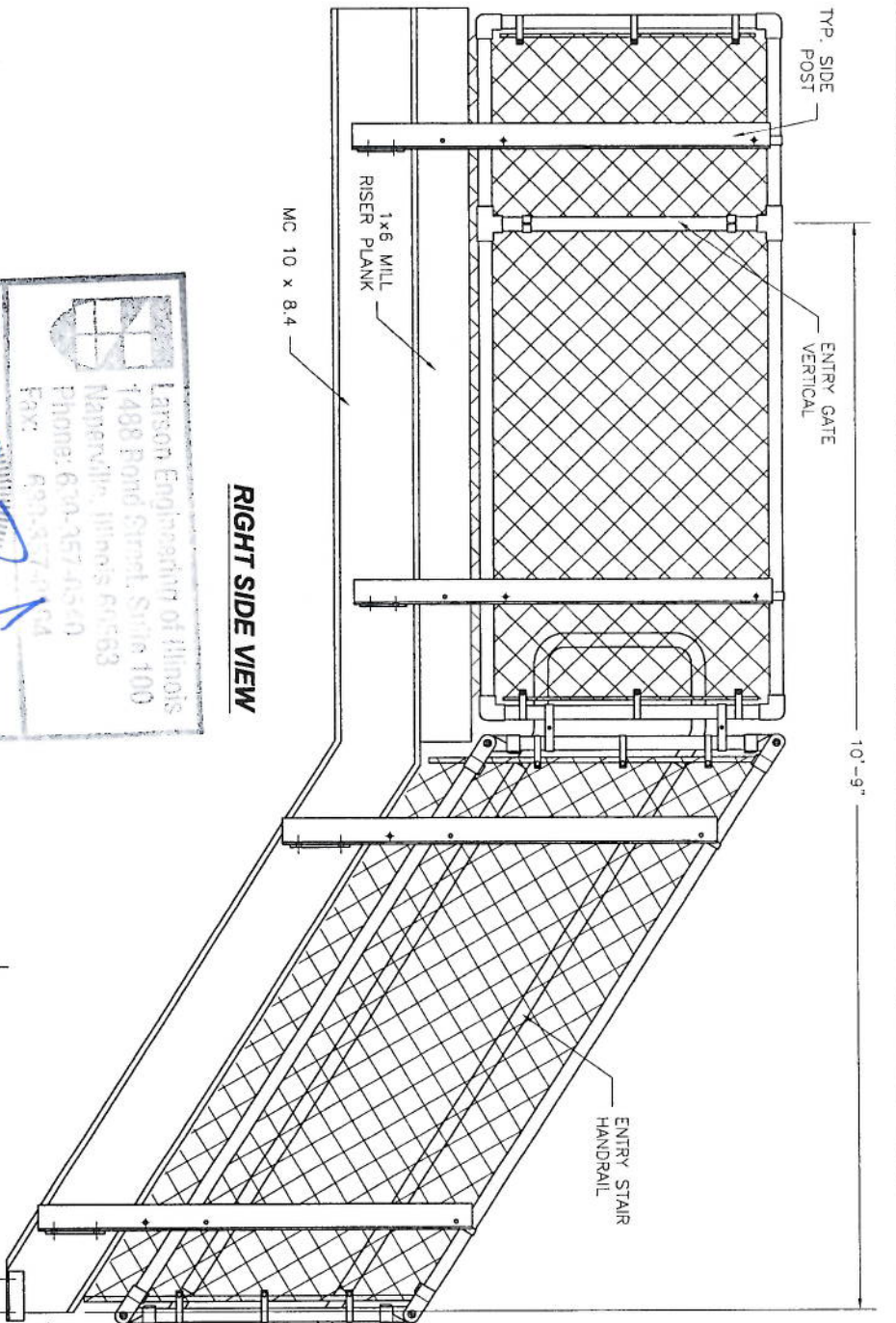
Date: _____ Reg. No. _____

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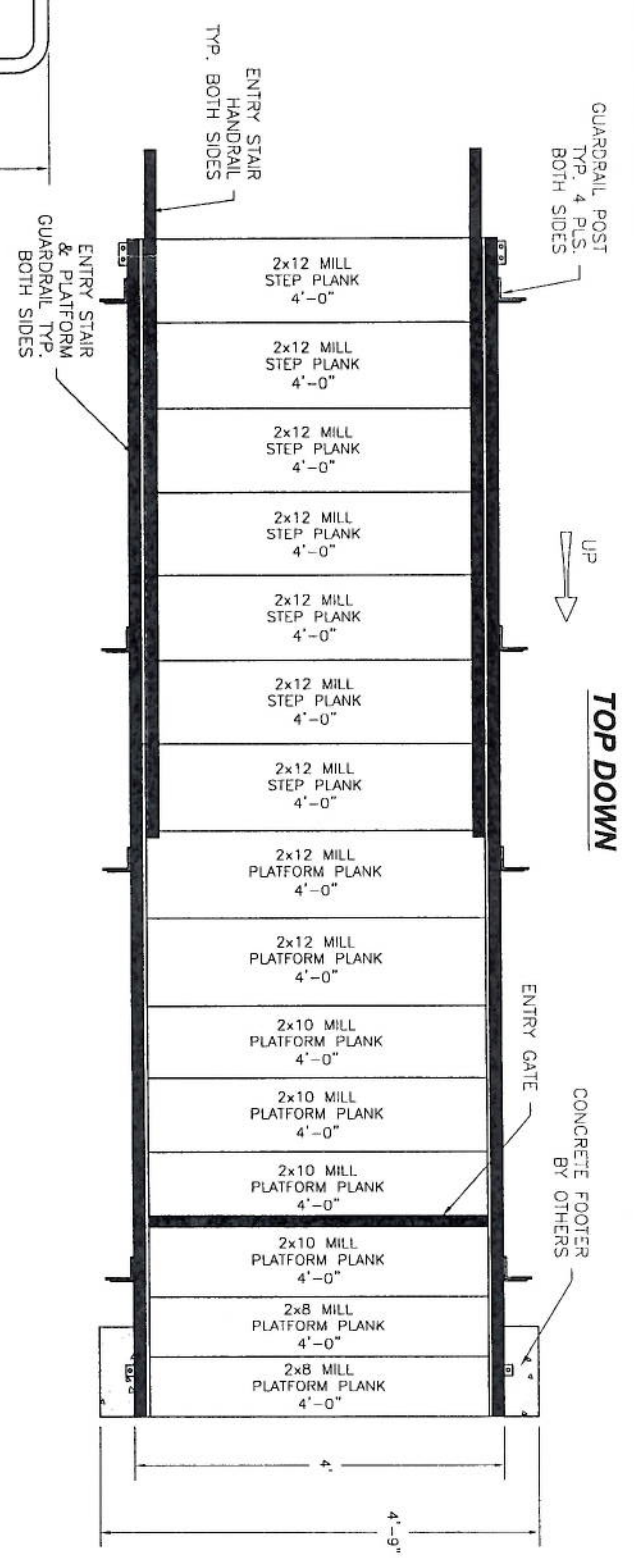
National Recreation Systems, Inc.
P.O. BOX 11487 FORT WAYNE, IN 46858-1487

SCALE: N.T.S. APPROVED BY: IMP
DATE: 12/16/08 DRAWN BY: IMP

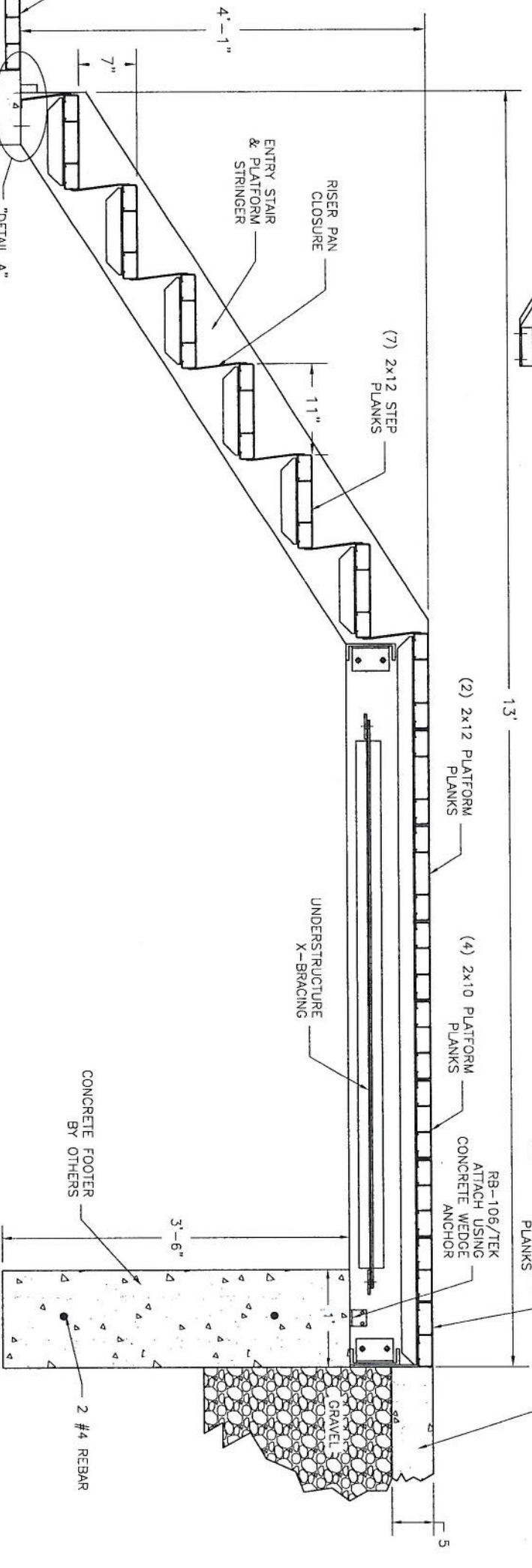
TITLE: TYPICAL HANDICAP RAMP SUBMITTAL
DRAWING NUMBER: SUB-RMP-0021



RIGHT SIDE VIEW



TOP DOWN

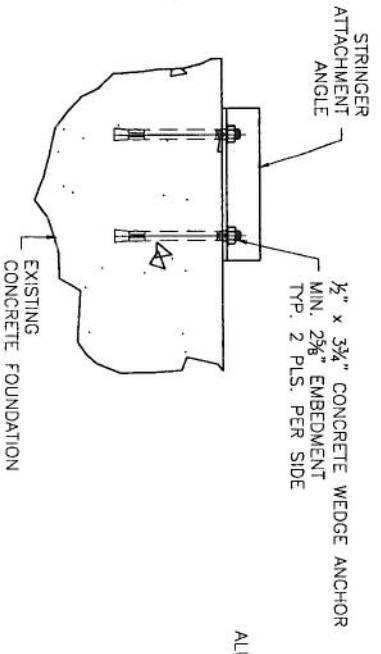


SECTIONED VIEW

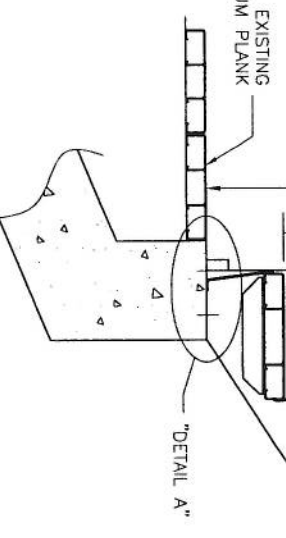

Larson, Engineer of Illinois
 1488 Bond Street, Suite 100
 Naperville, Illinois 60563
 Phone: 630.257.4540
 Fax: 630.257.4544

Expires: JAN 31 2010
 JUN 15 2009

ENTRY STAIR LOWER
 ATTACHMENT DETAIL A
 Proj. No.



DETAIL A



DETAIL A

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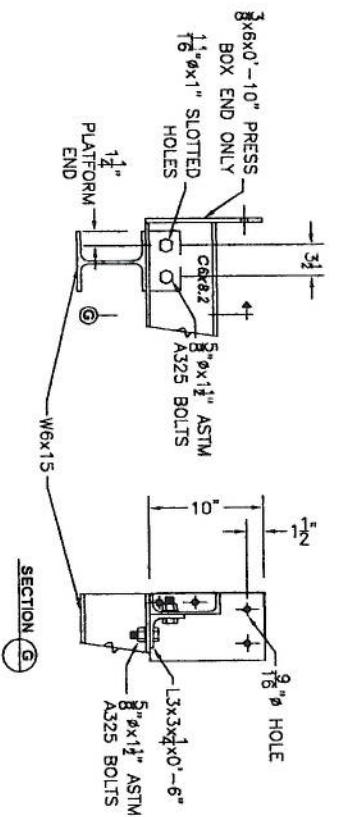
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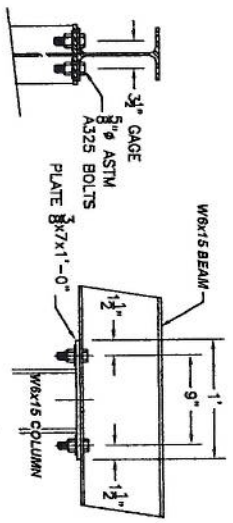
SCALE: N.T.S. DATE: 6/4/09 APPROVED BY: DRAWN BY: NLN/RM

TITLE: 49" ELEVATED STAIR WITH PLATFORM

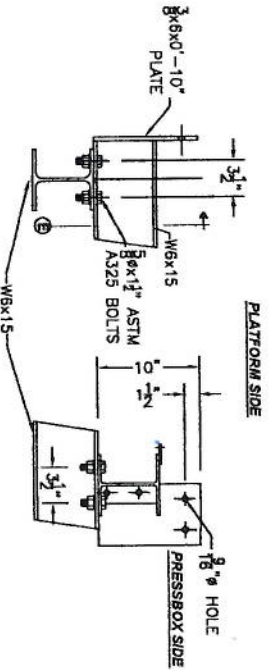
CUSTOMER: DRAWING NUMBER: EP-GLASTONB1



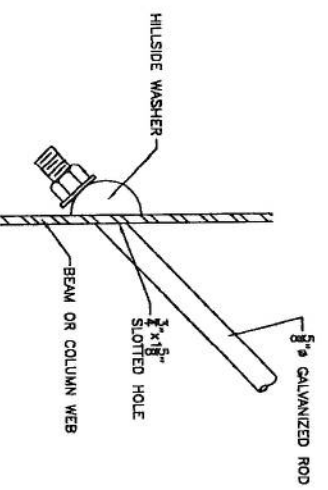
END PRESS BOX CHANNEL TO BEAM CONNECTION DETAIL



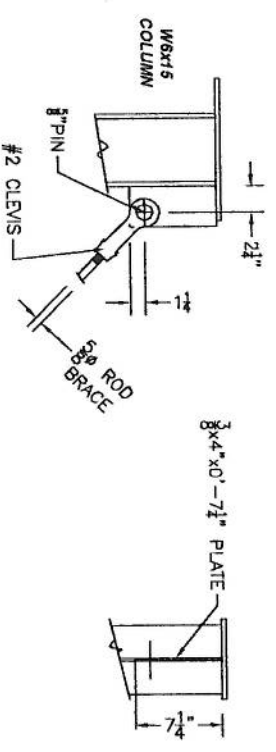
BEAM TO COLUMN CONNECTION DETAIL



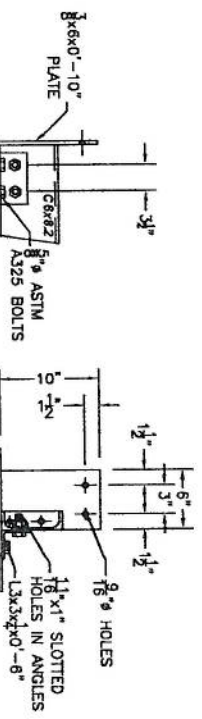
CROSS BEAM TO BEAM CONNECTION DETAIL



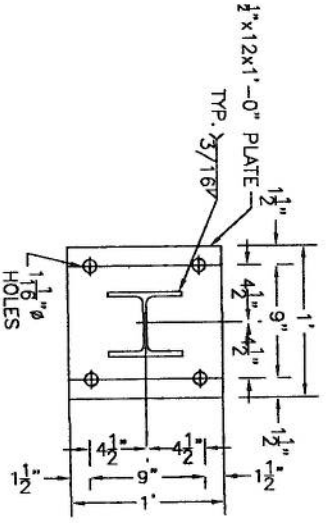
ROD BRACE CONNECTION DETAIL



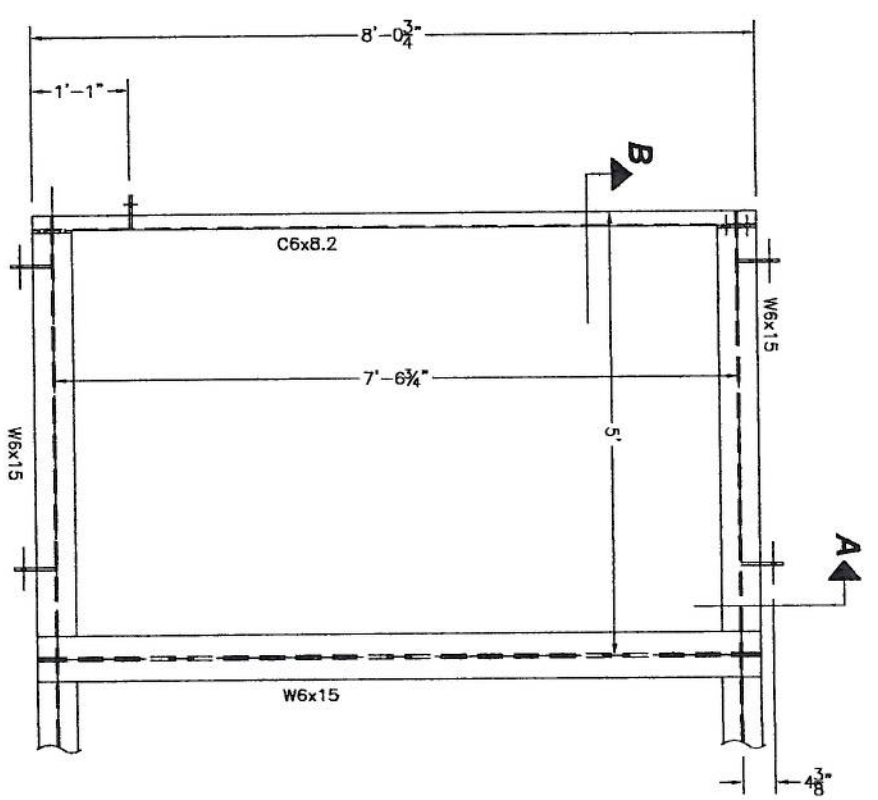
COLUMN FLANGE TO CLEVIS CONNECTION DETAIL



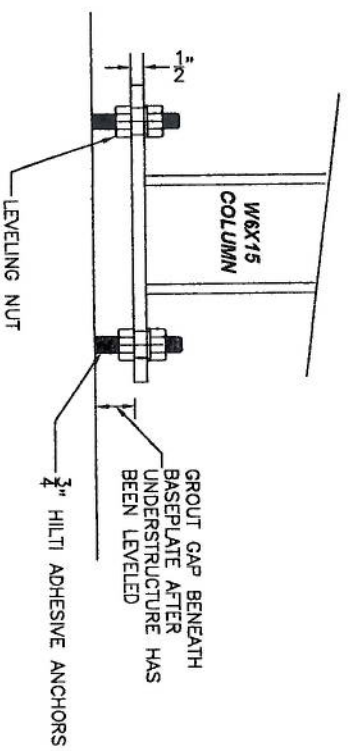
CHANNEL TO BEAM CONNECTION DETAIL



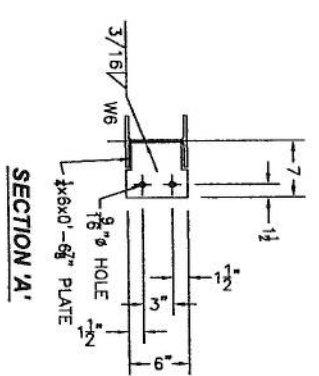
COLUMN BASEPLATE DETAIL



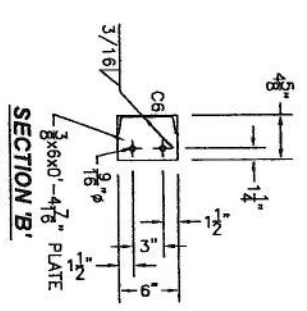
PRESSBOX ENTRY PLATFORM FRAMING PLAN AND DETAILS



LEVELING NUT DETAIL FOR MAIN COLUMN



SECTION 'A'



SECTION 'B'

Larson Engineering of Illinois
 1486 Bond Street, Suite 100
 Naperville, Illinois 60563
 Phone: 630-571-5541
 Fax: 630-571-9274

Expires: JAN 3 1 2010
 JUN 15 2009

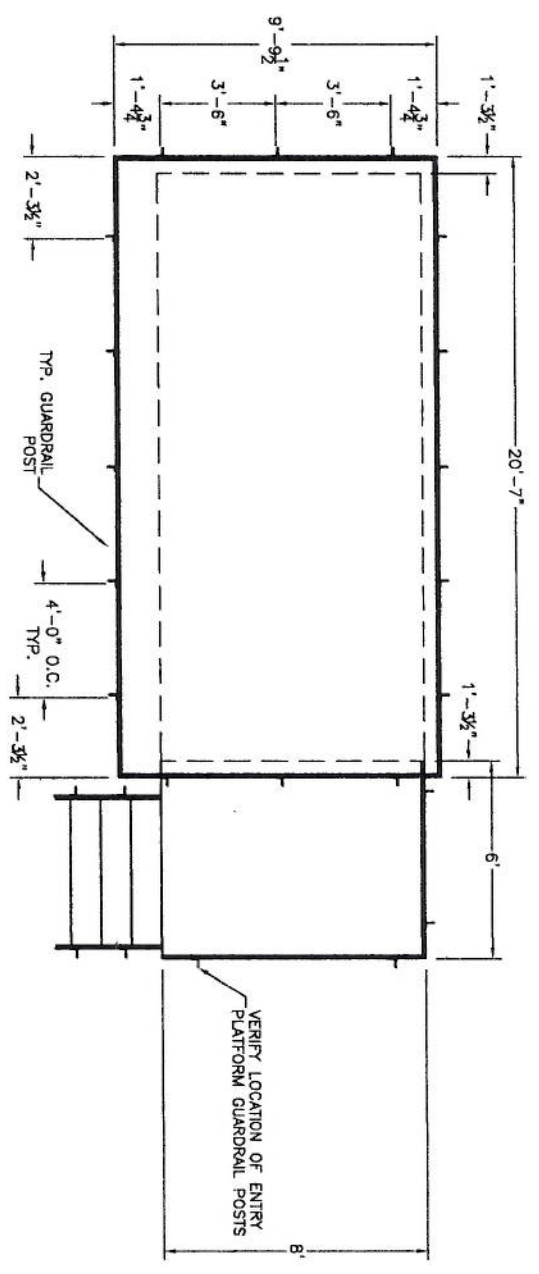
Date: _____ Reg. No. _____

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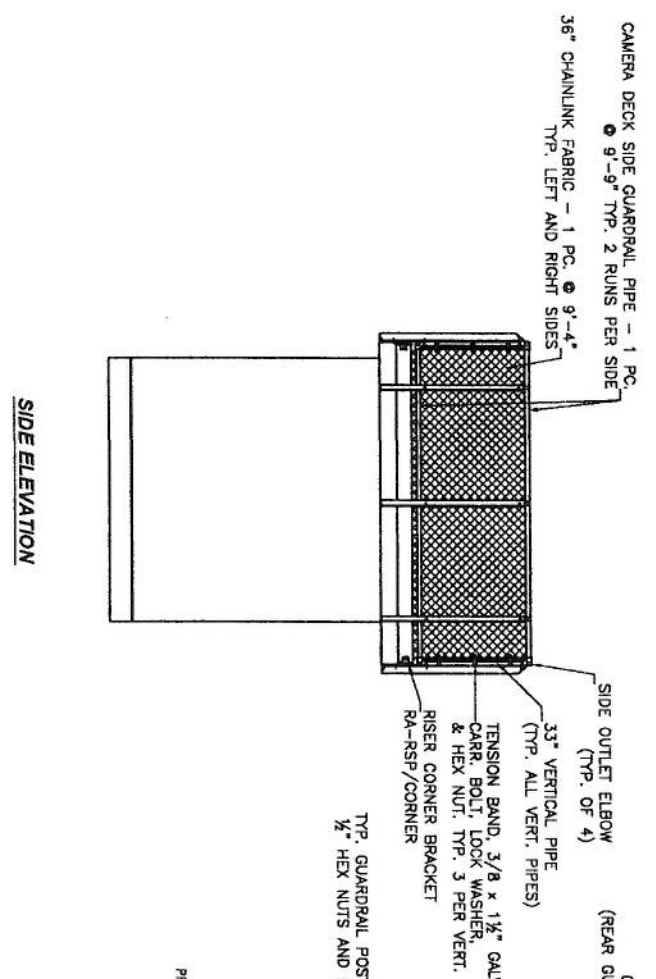
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SCALE: NTS
 DATE: 9/4/09
 APPROVED BY: _____
 DRAWN BY: RM

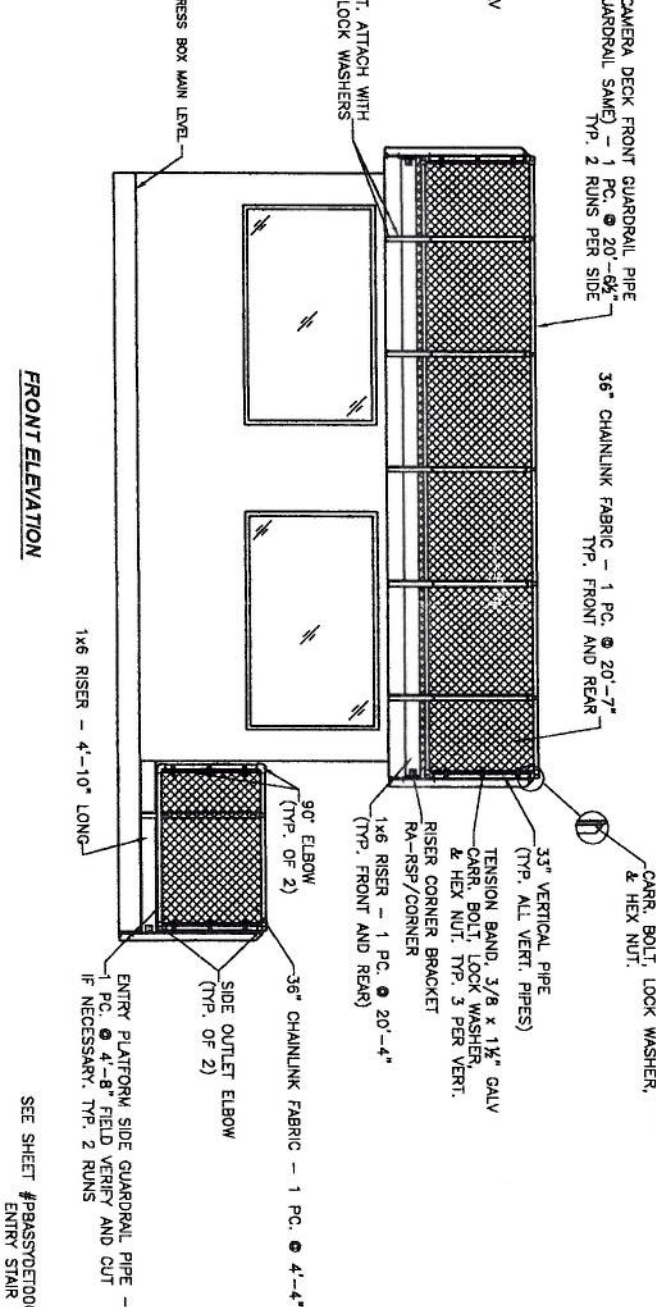
TITLE: PRESSBOX UNDER DETAILS W MID BRACES
 CUSTOMER: GLASTONBURY PARK
 DRAWING NUMBER: PBASSTDET01G



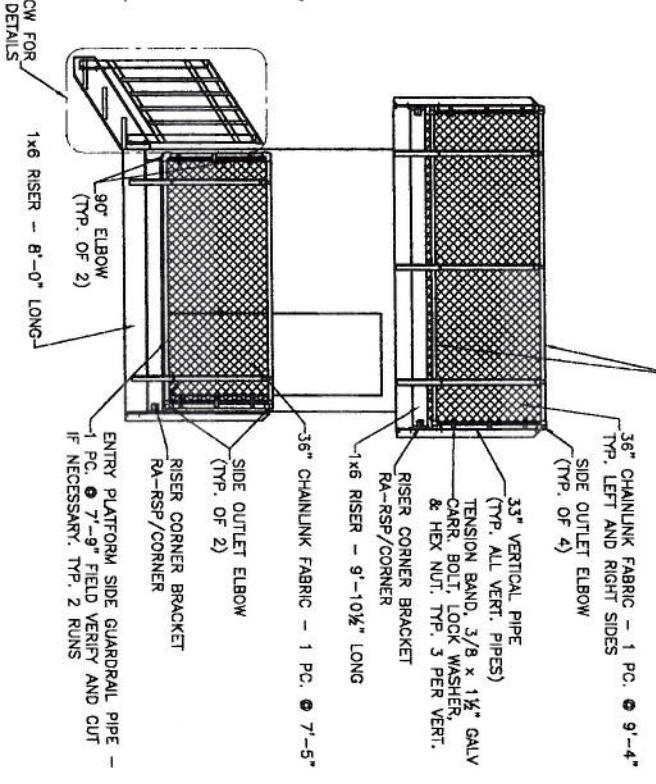
PLAN



SIDE ELEVATION



FRONT ELEVATION



SIDE ELEVATION

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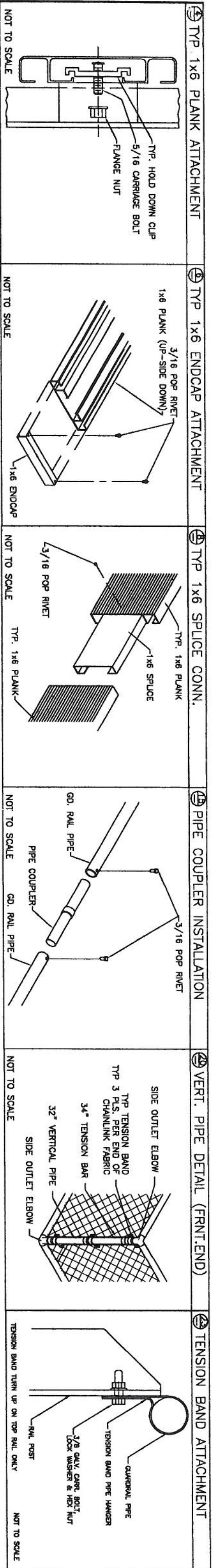
SCALE: N.T.S. APPROVED BY: RM

DATE: 6/1/06 DRAWN BY: RM

TITLE: PRESSBOX/ENTRY PLATFORM LAYOUT PLAN

CUSTOMER: DRAWING NUMBER: PB08018CB1

SEE SHEET #PBASST0200CW FOR ENTRY STAIR DETAILS



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SCALE: N.I.S. APPROVED BY: RM

DATE: 6/19/09

TITLE: TYPICAL ASSEMBLY DETAIL SHEET

CUSTOMER: DRAWING NUMBER: PRESSBOX2B