

Patricia A. Peshka
Purchasing Agent



Frank J. Picozzi
Mayor

City of Warwick
Purchasing Division
3275 Post Road
Warwick, Rhode island 02886
Tel (401)738-2013
Fax (401) 737-2364

The following notice is to appear on the City of Warwick's website Friday, March 26, 2021. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK
PROPOSALS REQUESTED FOR**

RFP2021-299 City Park Dugout Installations

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Friday, March 26, 2021.

We encourage all potential bidders to view a pre-recorded pre-bid meeting conducted by the City and posted on YouTube. The video can be accessed at the following website address: https://youtu.be/XsmwrczG_yg

Sealed proposals will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Tuesday, April 13, 2021. The proposals will be opened publicly commencing at 11:00 AM on the same day in the Lower Level Conference Room at Warwick City Hall. ***Please note due to COVID-19, only one person from each company may attend the bid opening. Employees and visitors must adhere to social distance guidelines. All visitors are advised to wear masks.***

Awards will be made on the basis of the lowest evaluated or responsive proposal price.

Please note that no proposals can be accepted via email or fax.

The City of Warwick, in addition to soliciting proposals in response to this RFP, may consult, consider, and make an award for any and all open proposal offers for a comparable unit as sought herein at the following websites:

RI State MPA: <http://www.purchasing.ri.gov/MPA/MPASearch.aspx>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): <https://www.njpacoop.org/cooperative-purchasing>

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net/>

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the proposal opening date.

Original Signature on File

Patricia A. Peshka
Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR PROPOSAL

Acknowledgement of Addendum (if applicable)

Addendum Number	Signature of Bidder
_____	_____
_____	_____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____*

*Please include your email address. Future proposals will be emailed, unless otherwise noted.

II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above proposal and hereby enters into a contract with the above party to pay the proposal price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____
RFP2021-299 Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR PROPOSAL

CERTIFICATION & WARRANT FORM*

**This form must be completed and submitted with sealed bid
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature

Date

Company Name

Address

Address

***This form cannot be altered**

**CITY OF WARWICK
NOTICE TO BIDDERS**

RFP2021-299 City Park Dugout Installations

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your proposal to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

The opening of proposals will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any proposals on that item has been opened, no other proposals on that item will be accepted and any such proposal will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a proposal thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the proposal or has participated in contract negotiations on the part of the City, that the proposal is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for proposals, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All proposals should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as “RFP2021-299 City Park Dugout Installations.”

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Proposals received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a proposal not properly addressed and identified. No proposals will be accepted via facsimile or email.

Should you have any questions, please contact Lucas Murray, RLA, Special Projects Coordinator in writing at lucas.murray@warwickri.com.

Questions received by Friday, April 2, 2021 will be answered by addendum.

All proposals should be written in ink or typed. If there is a correction with whiteout, the bidder should initial the change.

Negligence on the part of the bidder in preparing the proposal confers no rights for the withdrawal of the proposal after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder should indicate the item or part with the deviation and indicate how the proposal will deviate from specifications.

The IRS Form W-9 is available on www.warwickri.gov should be completed and submitted with the proposal if the bidder falls under IRS requirements to file this form.

Prevailing Wages will apply to this proposal. Current rates may be viewed at <http://www.dlt.state.ri.us/pw>.

The successful bidder must comply with all Rhode Island Laws, applicable to public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The contractor must keep himself informed of and comply with all laws, ordinances and regulations of the federal, state and municipal governments which may apply and be in force during the life of the contract, in any manner which may affect himself/employees or the conduct of the work or the materials used or employed in the work. Before submitting proposals, prospective bidders should examine the terms, covenants and conditions of all codes, permits and laws which may apply. By submitting a proposal, the bidder agrees to comply with all pertinent laws/regulations if awarded a contract.

Every contractor and subcontractor awarded a contract for public works, construction, alteration and/or repair, including painting and decorating, or public buildings or public works must submit completed RI Certified Weekly Payroll forms listing employees employed on the project to the awarding authority on a monthly basis for all work completed in the preceding month. These forms may be found at: www.dlt.ri.gov/pw/pwFormsPubs.htm. Certified Payroll forms concerning RI Department of Transportation projects may be submitted on federal forms. However, when a complaint is being investigated by the RI Department of Labor & Training (DLT), the contractor must resubmit the payroll information on the RI Certified Weekly Payroll forms for the entire project.

Awarding authorities, contractors and subcontractors must provide any and all payroll records to the DLT within ten (10) days of any request that is made by the department.

The awarding authority of any public works project will withhold the next scheduled payment to any contractor or subcontractor who fails to comply with the above provisions, as well as any further payments until they comply. The DLT may also impose a penalty of up to \$500 for each calendar day of noncompliance.

Please refer to Rhode Island state laws Section 37-13 for more information.

The successful bidder must provide the City of Warwick with an original **Certificate of Insurance** for General Liability and Automobile Liability in a minimum amount of \$1 million, naming the **City of Warwick as the additional insured** and so stated on the certificate with the proposal name and proposal number. It is the vendor's responsibility to provide the City of Warwick with an updated Certificate of Insurance upon expiration of the original certificate.

Failure to provide adequate insurance coverage within the specified duration of time as set forth is a material breach of contract and grounds for termination of the contract.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** from **The Rhode Island Secretary of State** dated no more than thirty (30) days prior to the date upon which the bid approval was made. **Please note that no other State's Certificate of Good Standing will be accepted.**

If required, the successful bidder will provide said **Certificate of Insurance and State of Rhode Island's Certificate of Good Standing** within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one (1) year from date of award. Term contracts may be extended for one (1) additional term upon mutual agreement unless otherwise stated.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The contractor must carry sufficient liability insurance and agree to indemnify the City against all claims of any nature, which might arise as a result of his operations or conduct of work.

The Purchasing Agent reserves the right to reject any and all proposals, to waive any minor deviations or informalities in the proposals received, and to accept the proposal deemed most favorable to the interest of the City.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services has been placed, the contractor will be entitled to compensation

upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the proposal specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to proposal specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

CITY OF WARWICK, RHODE ISLAND

REQUEST FOR PROPOSALS

CITY PARK DUGOUT INSTALLATION

The City of Warwick is committed to the concept of performance bids. All vendors are encouraged to submit bids which conform to the stated specifications, as well as, suggest deviations from the specifications, which in the vendor's opinion would be beneficial to the City in terms of price and performance. The City reserves the right to accept or reject any bid under these terms.

I. INSTRUCTIONS TO BIDDERS

A. Bids must be typewritten or clearly printed in ink and signed by a duly authorized representative of the firm submitting the bid.

B. Bids must be submitted in sealed envelopes, clearly marked on the outside, "**RFP2021-299 City Park Dugout Installations**". Envelopes should also be clearly marked with the company name and address.

II. CONDITIONS APPLICABLE TO BIDS

A. Applicable Laws: The Ordinances and Charter of the City and laws of the State of Rhode Island concerning competitive bidding, contracts and purchases will be employed.

B. Taxes: The City of Warwick is generally exempt from Federal Excise and State of Rhode Island Sales Tax. Prices should not include tax.

C. If the bidder elects to deviate from the specifications stated; all exceptions or other changes must be clearly noted.

D. City reserves the right to reject any and all bids, waive informalities or defects in bids, or accept such bids as it deems to be in the best interest of the City of Warwick.

E. City does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.

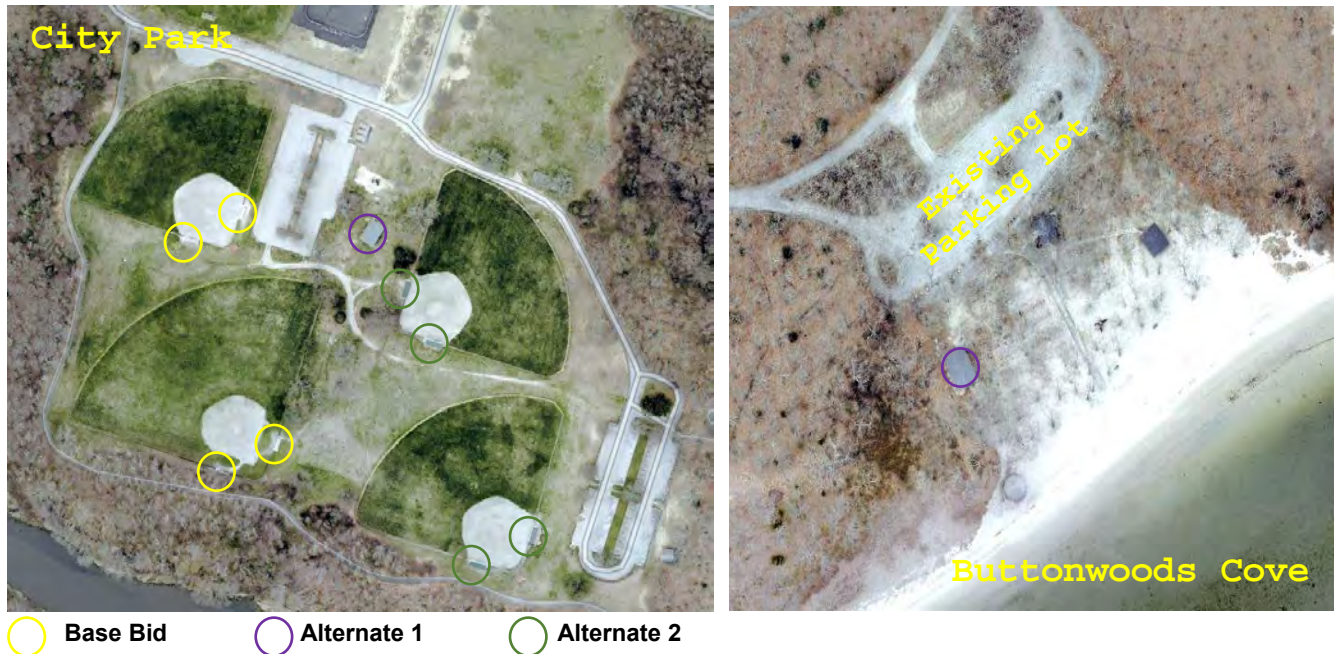
F. City maintains a local preference policy for contracts. A copy is available upon request.

III. PROJECT LOCATION & DESCRIPTION OF WORK

Project Location

The project site is located at City Park in Warwick, RI. There are various site work areas located in the Park (see *Figure 1 – Site Location Map.*)

Figure 1 – Site Location Map



Description of Work Requested

The City is requesting proposals for dugout installations at City Park. The selected Contractor will be responsible for the following:

Base Bid:

In the areas shown on the contract drawings the selected Contractor will be responsible for the following:

1. Prior to any construction activities, acquire all necessary permits.
2. Install and maintain temporary snow fencing around project work areas of open excavation to restrict access and ensure the safety of visitors to the area.
3. Professionally power wash the interior and exterior of the two (2) existing shade structures to remove mold, dirt, and other debris.
4. Complete removal of 4 existing dugouts to include existing concrete slab and fencing as necessary.
5. Installation of 4 new dugouts (that will be provided by the City) on new reinforced concrete slabs with new fencing and shade header as shown in contract drawings.
6. Prior to construction contact the City Landscape Architect upon any discrepancies found in the contract drawings or the here in specifications.

Alternate #1

In the areas shown on the contract drawings the selected contractor is responsible for:

1. Removal of the existing top soil to a depth suitable for new construction.
2. Installation of a 4" reinforced concrete slab per detail under existing shade structures.
3. Grade from the new concrete slab down to existing grade using suitable loam at a slope no greater than 3:1.
4. In the area shown on the drawings install a 6' wide bituminous concrete pathway per detail.
5. Where necessary, grade from the new pathway down to existing grade using suitable loam at a slope no greater than 3:1 and apply a suitable grass mixture.
6. Installation of accessible parking spaces with line striping, curb stops (as necessary), and signage as shown in contract drawings.

Alternate #2

In the areas shown on the contract drawings the selected contractor is responsible for:

- Removal and return of the existing 8' black chain link fence and posts to the City Department of Public Works.
- Installation of a new 8' high galvanized fence frame, black vinyl chain link fence, and shade header as shown in the contract drawings.

IV. MATERIALS AND INSTALLATION

A. Cement Concrete Paving

Products:

Concrete shall be "Portland Cement" Class A – General Use, air-entrained with a compressive strength of 3,000 PSI @ 28 days as required in part 600 of the "Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction". Thicknesses and dimensions of concrete shall conform to the dimensions and details indicated on the contract drawings.

Installation:

The Contractor shall notify the City Landscape Architect (24) twenty four hours prior to placing concrete in order to provide ample time for the inspection of forms, reinforcement, and materials.

In preparation for the placing of concrete, all sawdust, chips, standing water and other construction debris and extraneous matter shall be removed from the interior of the forms. All stakes, stays, braces, etc. located on the interior of the concrete forms shall be removed when the concrete placing has reached an elevation rendering their services unnecessary. Those members shall be entirely removed from the forms and not buried in the concrete.

Concrete shall be placed and consolidated by methods that will neither cause segregation of materials nor displacement of welded wire mesh reinforcement chairs and will result in a dense homogeneous concrete which is free of voids and rock pockets.

Welded wire mesh shall be 6X6 -W1.4XW1.4 as stated in the contract drawings and set on concrete reinforcing chairs to hold the mesh in place during installation.

Concrete control joints shall be no deeper than ¼" and placed every 8'-12' evenly spaced over the distance of the slab. Coordinate the location of all expansion and control joints with the Landscape Architect during the forming and pouring process.

Concrete shall have a broom top finish with tooled edges. The Contractor shall discuss all finish procedures with the Landscape Architect prior to pouring concrete to ensure the placement meets the intent of drawings and project specifications.

B. Bituminous Concrete Paving

Products:

Bituminous concrete used shall adhere to part 400 of the "Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction" and consist of a 1.5" top wearing surface (friction course), bitumen tack coat, 1.5" binder course (base course) as shown in the contract drawings.

Installation:

Prior to installation the Contractor shall verify all grading and layout with the City's Landscape Architect. The binder course (base course) shall be laid upon an approved clean surface, spread, raked, and luted by hand tools to the grade and elevation established in a manner which will minimize segregation and result in the required compacted thickness. A vibratory plate compactor, roller, or hand tamper shall be used for compaction.

The surface of which the top wearing surface (friction course) is to be placed shall be broom cleaned and treated with a tack coat. The tack coat must be applied uniformly over the surface of the base course.

Spreading of the friction course shall be performed carefully and operation should be as continuous as possible. The width of the pathway must be uniform and all curves smooth to meet the intent of the design drawings. Any variation in the width of the pavement will be result in the rejection of the work and required repaving of the pathway. After placement, the friction course shall be thoroughly and uniformly compacted so that the surface is of uniform texture and true to grade and cross section.

C. Gravel Bases Course

Products:

Gravel shall conform to the requirements in part 300 of the "Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction". The practice of culling deleterious or out of specification material after placement and/or grading in-place will not be allowed.

Installation:

The maximum compacted thickness of any one layer shall not exceed 6 inches. The maximum size of stone in the gravel borrow or aggregate placed, shall not exceed 3/4ths of the depth of the layer after compaction.

Compact until a density of not less than 95 percent of the maximum density determined in accordance with AASHTO T180 has been achieved. The surface shall be maintained during the compaction operations in such a manner that a reasonable uniformity is produced. The compacted surface shall have a tolerance of 1/2-inch, plus-or-minus, to the grades shown on the Plans or as directed.

D. Fencing

Products:

Fencing used shall be 8' in height with 2" extruded black vinyl coated mesh with a 6 gauge core. All posts shall be galvanized 2-3/8" outside diameter. All fasteners and brackets used shall be galvanized steel. All material used shall be approved by the City Landscape Architect.

Installation:

Fencing shall be installed as detailed and specified in the contract drawings. Shop drawings must be provided by the manufacturer to the City Landscape Architect for approval.

E. Dugout Shade Header

Products:

Wood: 3/4" thick medium density overlay (MDO) plywood in accordance with the dimensions shown on the contract drawings.

Attachment Hardware: Provide stainless steel self tapping screws, bolts, or other hardware as necessary to properly secure the shade boards in accordance with the contract drawings. Review all proposed attachments with the City Landscape Architect prior to supply and installation.

Paint/ Primer: Provide a high quality latex primer and paint listed for exterior use. Final color and finish to be selected by the Owner during the submittal process.

Installation:

Cut all boards to the dimensions shown on the drawings. Splice pieces together by doubling up the boards and securing with construction glue and wood screws to create a solid contiguous surface as shown on the contract drawings. Apply one coat of primer and two (2) coats of paint to the entire structure prior to installation.

Install board structure utilizing approved hardware. Predrill boards and support posts. Center bolts horizontally on all posts and equidistant in all board locations. Install carriage bolts through boards and secure with lock washer and nut. Cut any excess bolt threads flush. Notify the City's Landscape Architect if any issues or concerns arise regarding the attachment of the boards. Touchup paint as required to repair any scratches or blemishes.

F. Temporary Project Signage

Products:

The Contractor shall provide two (2) 4'X8' X 1/2" MDF vinyl lettered graphic signs for placement within the project work zone. The sign shall consist of a single piece of 4'X8' vinyl applied to the MDF backer board. Graphics will consist of a mixture of verbiage and graphics that will be provided by the Landscape Architect at the official kickoff meeting. Prior to printing, the Contractor shall submit the final "proof" from the sign maker to the City Landscape Architect for final approval and to ensure the layout is correct.

Installation:

Once the sign is complete the Contractor shall coordinate with the City to determine the location of the temporary sign. Each sign will be affixed to two (2) 4"X4" posts. The locations shall be determined by the City Landscape Architect in the field. It is anticipated that each sign will be placed along the work zone in a visible location.

V. PAYMENT & CONTRACT TERMS

- A. Contractor shall provide all invoices on standard AIA forms 702 and 703 with a schedule of values. The schedule of values shall be reviewed and approved by the Landscape Architect prior to the issuance of the first invoice.
- B. Payment to be made upon completion of work, inspection and acceptance by the City of Warwick, and submittal of all required documentation from the Contractor.
- C. Contractor shall begin contractual work only after receiving the City's Purchase Order and acknowledgement from City Staff that Contractor may begin.
- D. Contractor must provide certified payrolls as a condition of receiving payment.

VI. SUBMITTALS

- A. Bid Form
- B. Reference List
- C. Subcontractors List

VII. PROJECT CONTACTS

If you have any further questions regarding submission requirements please contact:

Lucas W. Murray, RLA

Principle Planner / Special Projects Manager

Warwick Planning Department

3027 West Shore Road

Warwick, RI 02889

Phone: 401-921-9683

Email: lucas.murray@warwickri.com

Questions received by Friday, April 2, 2021 will be answered by addendum.

CITY OF WARWICK

PROPOSAL AND CONTRACT FORM

TITLE OF SPECIFICATION: RFP2021-299 City Park Dugout Installations

I. PROPOSAL:

WHEREAS, the CITY OF WARWICK has duly asked for proposals for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the proposal price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this proposal or another proposal on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the proposal into a contract. This proposal and contract will be secured by Bonds, if required by the specifications.

Pricing as follows

Continued next page

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

CITY PARK DUGOUT INSTALLATION

PART A - PRICING

NOTE TO CONTRACTOR:

Bids may be submitted to the awarding authority at the following address:

**Purchasing Division
Warwick City Hall
3275 Post Road
Warwick, RI 02886**

The proposals will be opened publicly commencing at 11:00 AM on Tuesday, April 13, 2021 in the Lower Level Conference Room, Warwick City Hall.

Awards will be made on the basis of the lowest evaluated or responsive proposal price. Please note that no proposals can be accepted via email or fax.

BID ACKNOWLEDGEMENTS

WHEREAS, the CITY OF WARWICK has duly asked for proposals for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the proposal price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this proposal or another proposal on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the proposal into a contract. This proposal and contract will be secured by Bonds, if required by the specifications.

BASE PROJECT BID

Pursuant to and in compliance with the invitation for bids of *City Park Dugout Installation*, and in compliance with the Contractual Documents and the Specifications herein, the undersigned, unless explicitly noted, hereby offers to furnish the items necessary, proper and incidental to this work, whether incorporated on the bid the undersigned or not, FOR THE TOTAL BASE BID as follows:

\$ _____
Total Sum in Numbers

Written Amount

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

ALLOWANCES

In addition to the "Base Project Bid" all bidding Contractors are required to carry specified dollar allowances to cover items that could not be adequately detailed, quantified, or require input from the Contractor to determine the most responsible, reasonable, and cost effective method of installation.

If the Contractor is instructed to conduct work outside of the basic project scope outlined herein s/he shall immediately provide a written description of the modified scope and pricing for work to be conducted. The Owner reserves the right to accept, negotiate, or reject stated Contractor pricing. If work is authorized, the Contractor shall commence with the additional work immediately so as not to delay the project completion date. Adjustments to the completion date may be made by the Owner upon request, but must be stated in writing.

If the Owner elects not to accept the proposed Contractor pricing for work covered by an allowance, the Owner may seek additional outside bids to conduct the work by other qualified contractors.

Any allowance funds carried in the project bid, but not expended or obligated by the conclusion of the project, shall remain property of the Owner and may not be invoiced by the contractor. Contractor is instructed to add the total amount of allowances with the base bid and provide a "Total Project Bid Cost" as outlined below.

Allowance Item	Description	Allowance Amount to be Carried In Bid
General Contingency Allowance	To be utilized for lumber, fasteners, concrete, asphalt, or other project related materials and workmanship as required by the City and not covered as part of the Base Bid or Alternates as accepted.	\$5,000
TOTAL ALLOWANCES TO BE CARRIED IN "TOTAL PROJECT BID"		\$5,000

TOTAL PROJECT BID

The "Total Project Bid" includes the proposed "Base Project Bid" outlined above **in addition to any and all Allowances outlined herein**. This is the total cost of the project if options related to the Allowances are fully exercised under this contract. Contractors shall note that this may not be the total actual cost of the contract should some or all of the stipulated Allowances not be exercised by the Owner. **Owner reserves the right to award the contract with or without the allowances included in the contract.**

\$ _____

Total Sum in Numbers

Written Amount

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

ADD ALTERNATE ITEMS

In addition to the base project bid, the Awarding Authority may award work items outlined below based on the availability of funding. Alternate items will be awarded in numerical order. The Awarding Authority reserves the right to approve or reject any of the following alternate items. If alternate items are accepted, the Owner shall award based on the lowest cumulative cost.

Add Alternate #1 – Removal of existing material as needed for the Installation of a 4” reinforced concrete slab per detail under each of the two (2) shade shelters shown on the attached plans. Grade from the top of the new concrete pad down to existing grade with suitable soil at a slope of no more than 3:1. In the area shown on the drawings install a 6’ wide bituminous concrete pathway per details. Where necessary grade from the new pathway down to the existing grade using suitable soil at a slope of no more than 3:1. Install parking spaces as shown, to include bituminous concrete (as necessary), 4” white line striping, curb stops (as necessary), and proper accessible parking signage.

The bidder proposes to provide all labor, materials, means and methods to complete the work stated above for the following lump sum amount:

\$ _____

Total Sum in Numbers

Written Amount

Add Alternate #2 – Removal and return of the existing 8’ black vinyl chain link fence and associated posts to the City of Warwick Department of Public Works and install a new 8’ black vinyl chain link fence, associated posts and support structures, and shade header as show in the contract drawings.

The bidder proposes to provide all labor, materials, means and methods to complete the work stated above for the following lump sum amount:

\$ _____

Total Sum in Numbers

Written Amount

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

PART B – ADDENDUM ACKNOWLEDGEMENT

The Bidder hereby states that he/she has become thoroughly familiar with the site, local conditions affecting the performance and costs of the work, and with the Contract Documents, including the Bid Documents and those forms required to be executed and submitted with this proposal as well as the method of contract award, the terms of the proposal contract, wage rates and employment requirements and reports, the conditions of this contract relating to performance, the technical specifications and drawings, and any addenda thereto as prepared by the Owner as follows:

ADDENDUM NO.

SIGNATURE OF BIDDER

PART C – VENDOR INFORMATION

The Bidder, in compliance with the invitation for bids *Improvements at Rocky Point Park*, having examined the Contract Documents and related specifications and plan, and being familiar with the site and with all the conditions surrounding the proposed construction including the availability of materials, labor and equipment, hereby proposes to construct the Project in accordance with the contract documents within the time set forth to cover all expenses incurred in performing the work required under the Contract Documents in which this proposal is a part.

The prices that are herein quoted will be the price to the Owner.

Company Name: _____ Telephone _____

Company Address: _____

Bidder's Signature: _____

Title: _____ Date: _____

SAMPLE ONLY

BUILDING

A BETTER WARWICK

Project Name



City of Warwick
Joseph J. Solomon, Mayor

PROJECT SCOPE:

Various streetscape enhancements to include select tree removals and replacements, sidewalk repairs, veneering of existing walls, new site furnishings, new plantings, and various other improvements to Donovan Park.

PROJECT FUNDING:



U.S. HOUSING AND URBAN DEVELOPMENT
COMMUNITY DEVELOPMENT BLOCK GRANT
PROGRAM

For more information about this project please contact the City of Warwick at 401-738-2000.

1. Contractor shall supply and install two (2) 4' x 8' x ½" MDF vinyl lettered graphic signs for placement within the project work zone, final locations shall be determined by the City.
2. Each sign shall consist of a single piece of 4' x 8' vinyl applied to the MDF backer board.
3. Graphics will consist of a mixture of verbiage and graphics that will be provided by the project manager at the official kickoff meeting. Prior to printing, the contractor shall submit the final "proof" from the sign maker to the City for final approval.
4. Each sign shall be affixed to two (2) 4"x4"x10' posts embedded a minimum of 2' in ground.

CITY OF WARWICK

CITY PARK DUGOUT INSTALLATIONS

PROJECT AREAS



MARCH 2021

PREPARED BY:

WARWICK PLANNING DEPARTMENT
 BUTTONWOODS COMMUNITY CENTER
 3027 WEST SHORE RD. WARWICK, RI
 PH: 401-921-9683
 EMAIL: lucas.murray@warwickri.com



SITE



LOCATION MAP
 CITY PARK, WARWICK RI

TABLE OF CONTENTS

- L-1 SITE WORK PLAN
- D-1 DETAIL SHEET 1
- D-2 DETAIL SHEET 2

ATTACHMENT 1 - DUGOUT MANUFACTURERS
 INSTALLATION PLANS

Site Work Areas



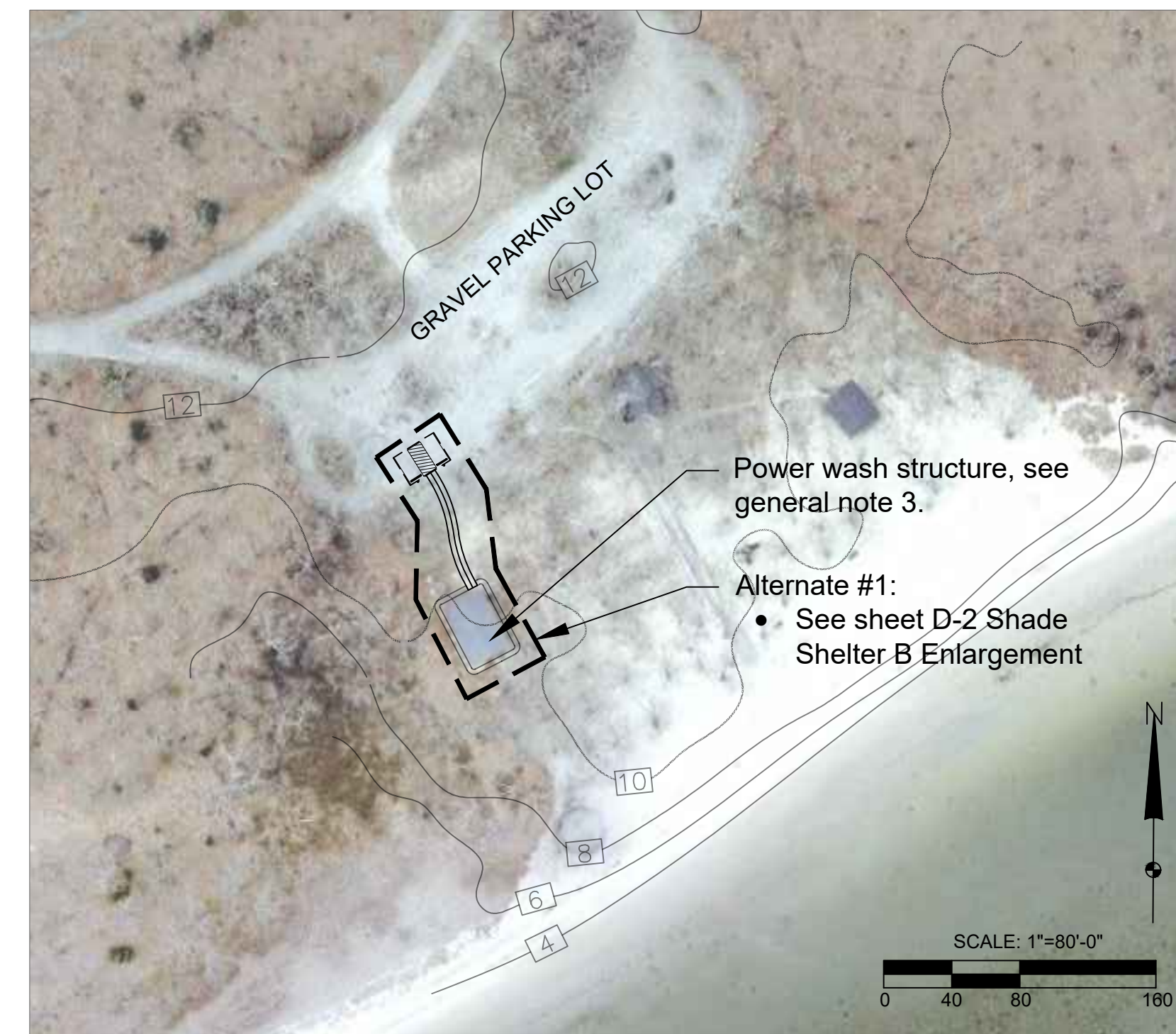
Old Dugouts, Typ.



Remove and dispose existing fencing, posts, concrete slab, and benches in total.

The distance between the existing backstop and new dugouts shall be equal on each side of the field.

Remove existing fencing and posts including footings as necessary to make room for installation of new dugout with concrete slab and fencing. There must be a 4' opening on each side of the new dugout for field access.



GENERAL NOTES:

1. Base imagery and grading is a compilation of RIDEM GIS 2020 aeriels, City of Warwick GIS 2' contours, and in the field measurements.
2. The contractor shall visit the site to familiarize themselves with existing conditions and to verify dimensions and grades prior to submitting a bid.
3. As part of the base bid the contractor shall power wash the existing shade shelter clean removing all mold, dirt and any other debris.
4. The contractor shall install 4' snow fencing around project areas of open excavation and fresh concrete to restrict access and ensure the safety of visitors.
5. All work shown on plans shall be part of the base bid unless noted otherwise.
6. The contractor must submit product cut sheets to the City Landscape Architect prior to installation for all materials used.

Project:

CITY OF WARWICK
RHODE ISLAND



CITY PARK DUGOUT
INSTALLATIONS

PREPARED BY:

WARWICK PLANNING
DEPARTMENT
BUTTONWOODS
COMMUNITY CENTER
3027 WEST SHORE RD.
WARWICK, RI
PH: 401-921-9683
EMAIL:
lucas.murray@warwickri.com

Revisions:

Rev.	Date	Description
1	3/5/2020	CONSTRUCTION

Seal:

Issued For:

CONSTRUCTION

Date: 3/5/2020

Scale: As Shown

Drawn By: DMP

Reviewed By: LWM

Approved By: LWN

Drawing Title:

SITE WORK PLAN

Sheet Number:

L-1

Revisions:

Rev.	Date	Description
1	3/5/2020	CONSTRUCTION

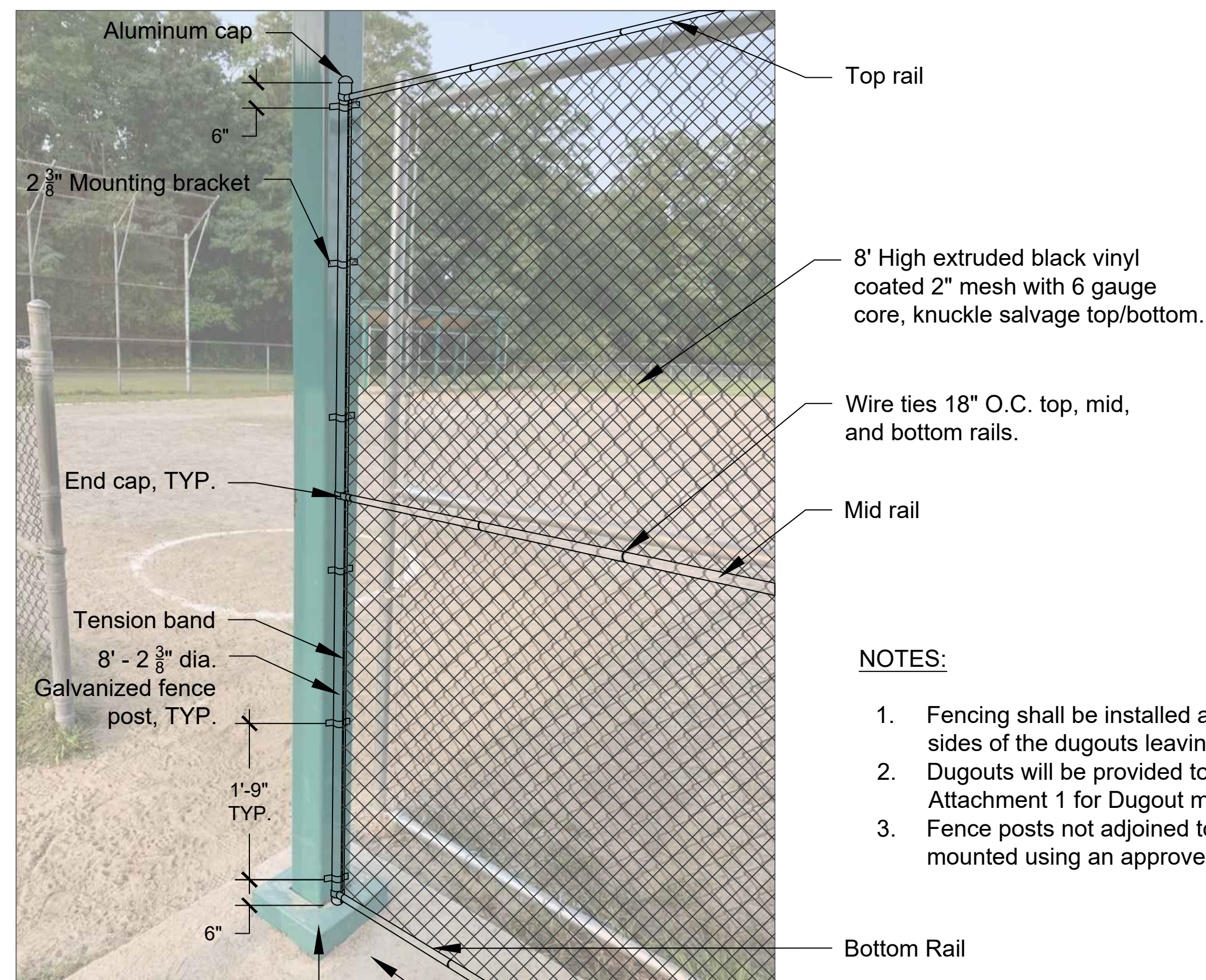
Seal:

Issued For:
CONSTRUCTION

Date: 3/5/2020
Scale: As Shown
Drawn By: DMP
Reviewed By: LWM
Approved By: LWN

Drawing Title:
DETAILS PLAN

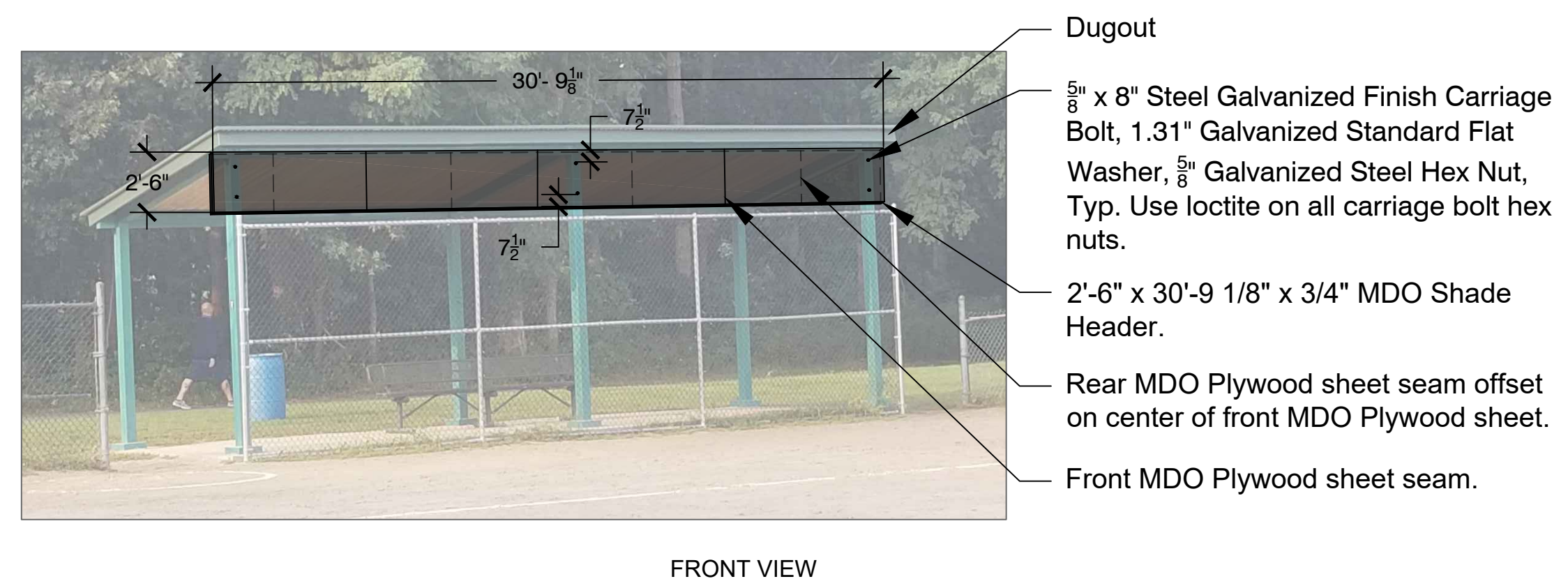
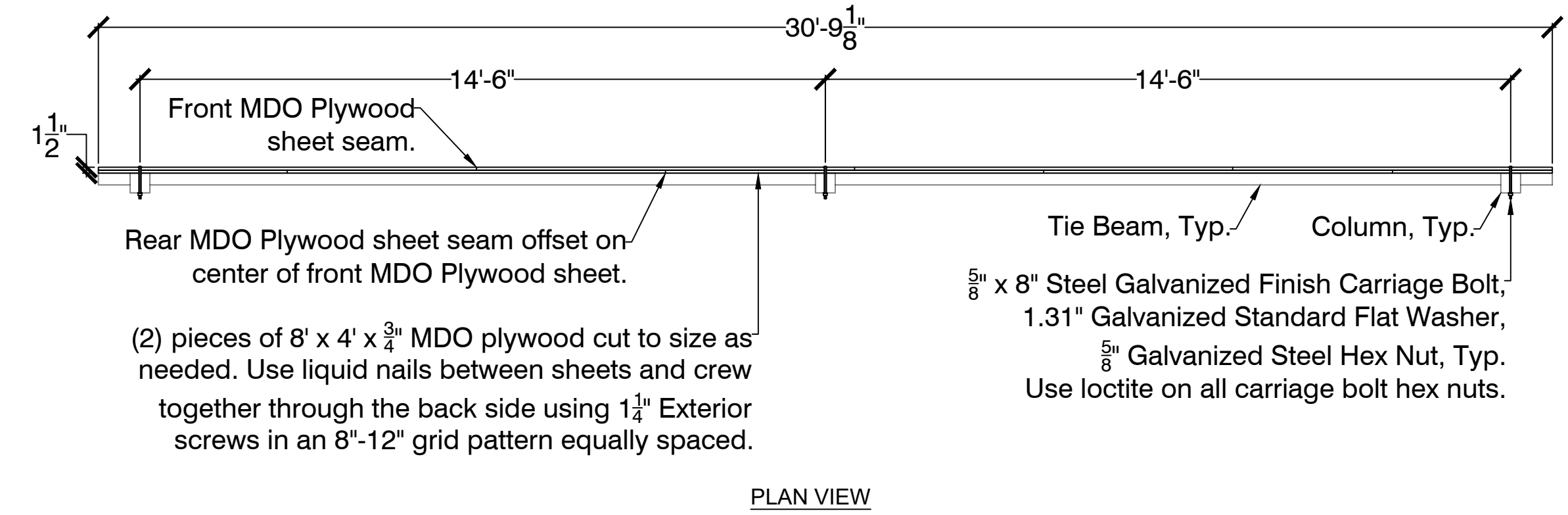
Sheet Number:
D-1



- NOTES:
- Fencing shall be installed along the front and back long sides of the dugouts leaving the short sides open.
 - Dugouts will be provided to the contractor by the City. See Attachment 1 for Dugout manufacturers installation plans.
 - Fence posts not adjoined to dugout posts shall be surface mounted using an approved fixture.

Dugouts will be provided by City. It is the Contractors responsibility to install per manufacturers specifications. See attachment 1 for manufacturers installation plans.

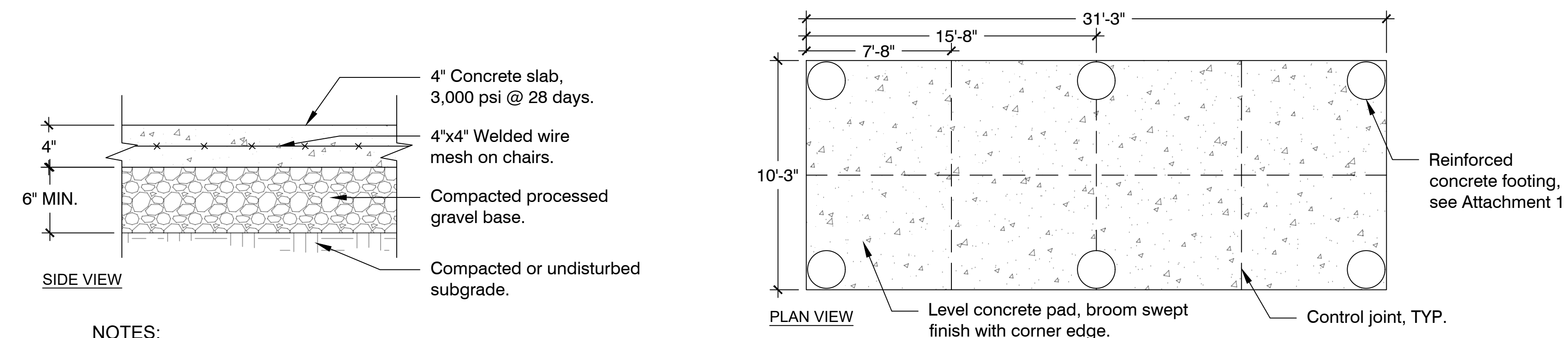
Concrete slab, see detail 2 this sheet.



- NOTES:
- All wood surfaces must be primed and painted with exterior grade paint. Final color to be selected by Owner.

1 DUGOUT FENCING
SCALE: NTS

3 DUGOUT SHADE HEADER
SCALE: NTS



- NOTES:
- See Attachment 1 for manufacturer dugout footing details.
 - All new concrete work abutting existing pavement must be flush and smooth.

2 CONCRETE SLAB AT DUGOUTS
SCALE: NTS

Revisions:

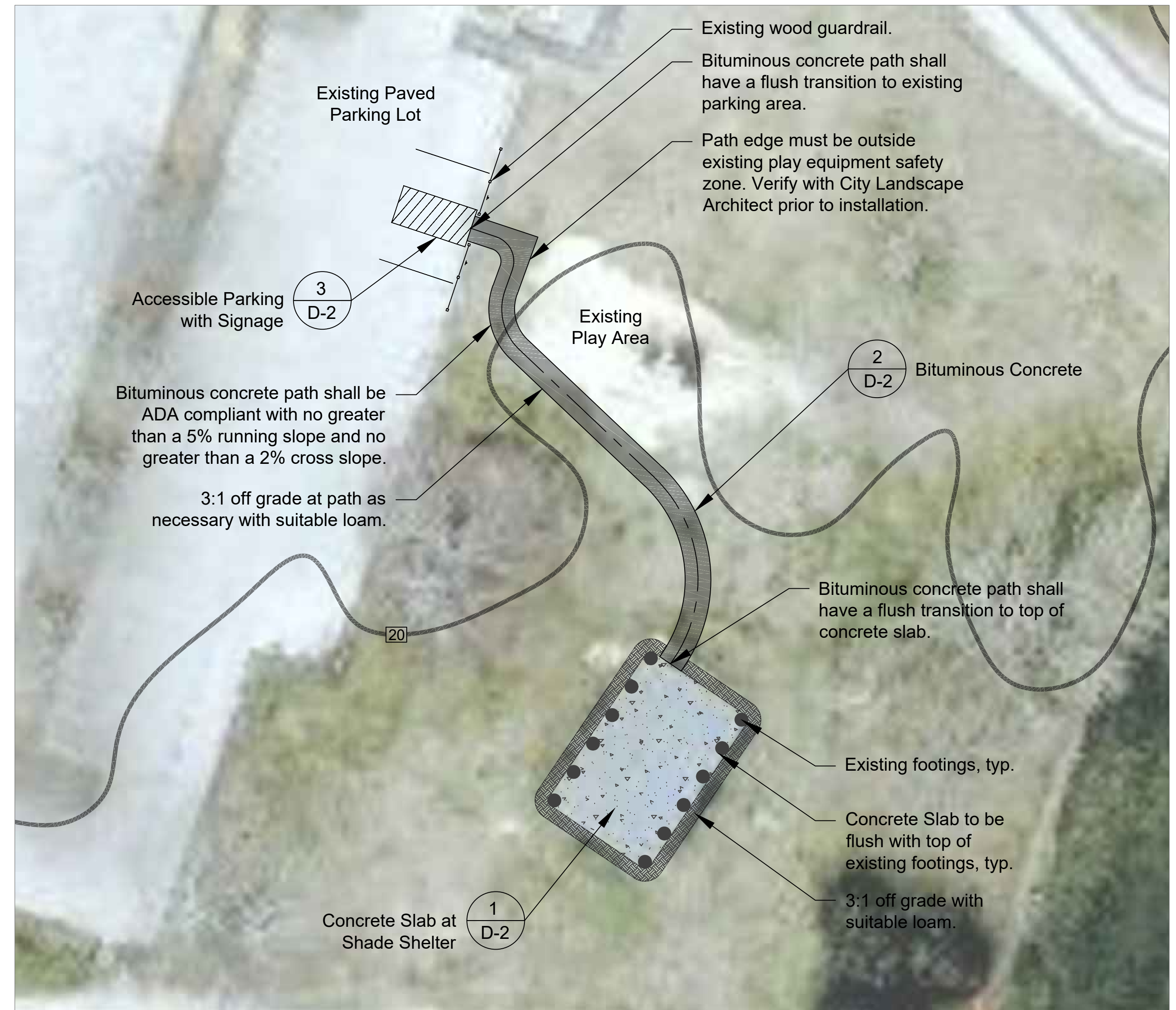
Rev.	Date	Description
1	3/5/2020	CONSTRUCTION

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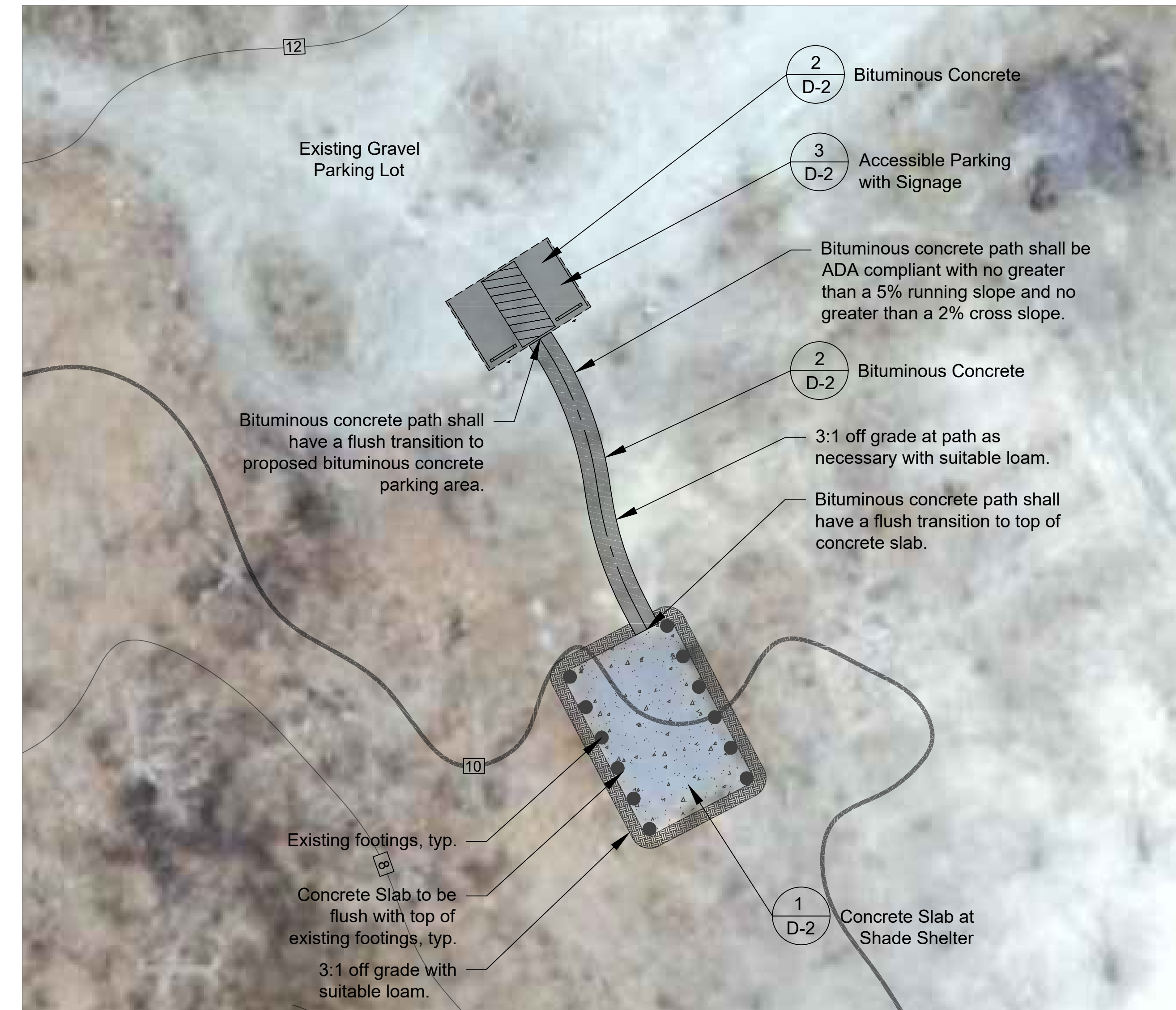
Issued For:
 CONSTRUCTION

Date: 3/5/2020
 Scale: As Shown
 Drawn By: DMP
 Reviewed By: LWM
 Approved By: LWN

Drawing Title:
 DETAILS PLAN
 Sheet Number:
D-2



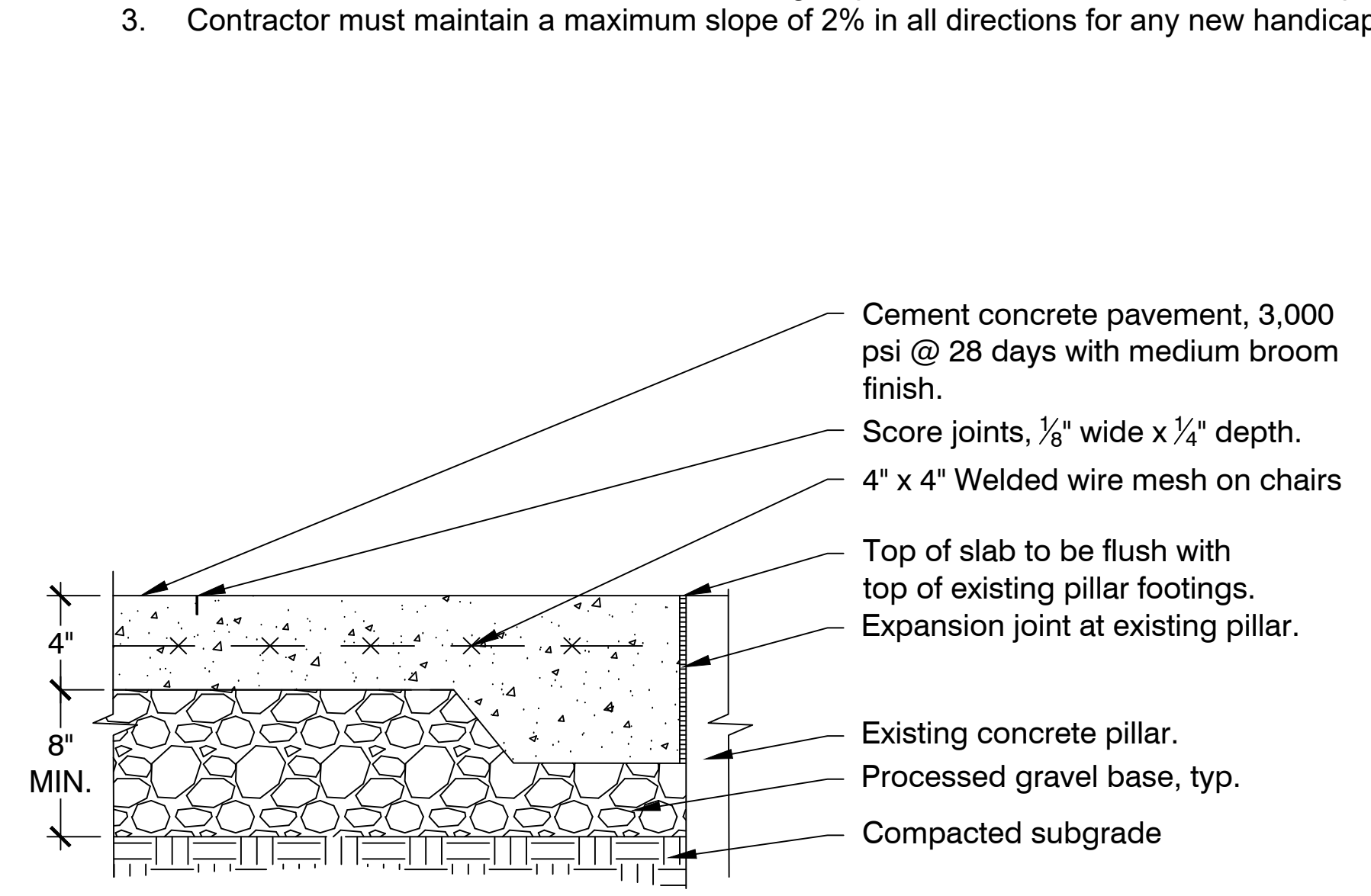
SHADE SHELTER A ENLARGEMENT - SCALE:1"=20'-0"



SHADE SHELTER B ENLARGEMENT - SCALE:1"=20'-0"

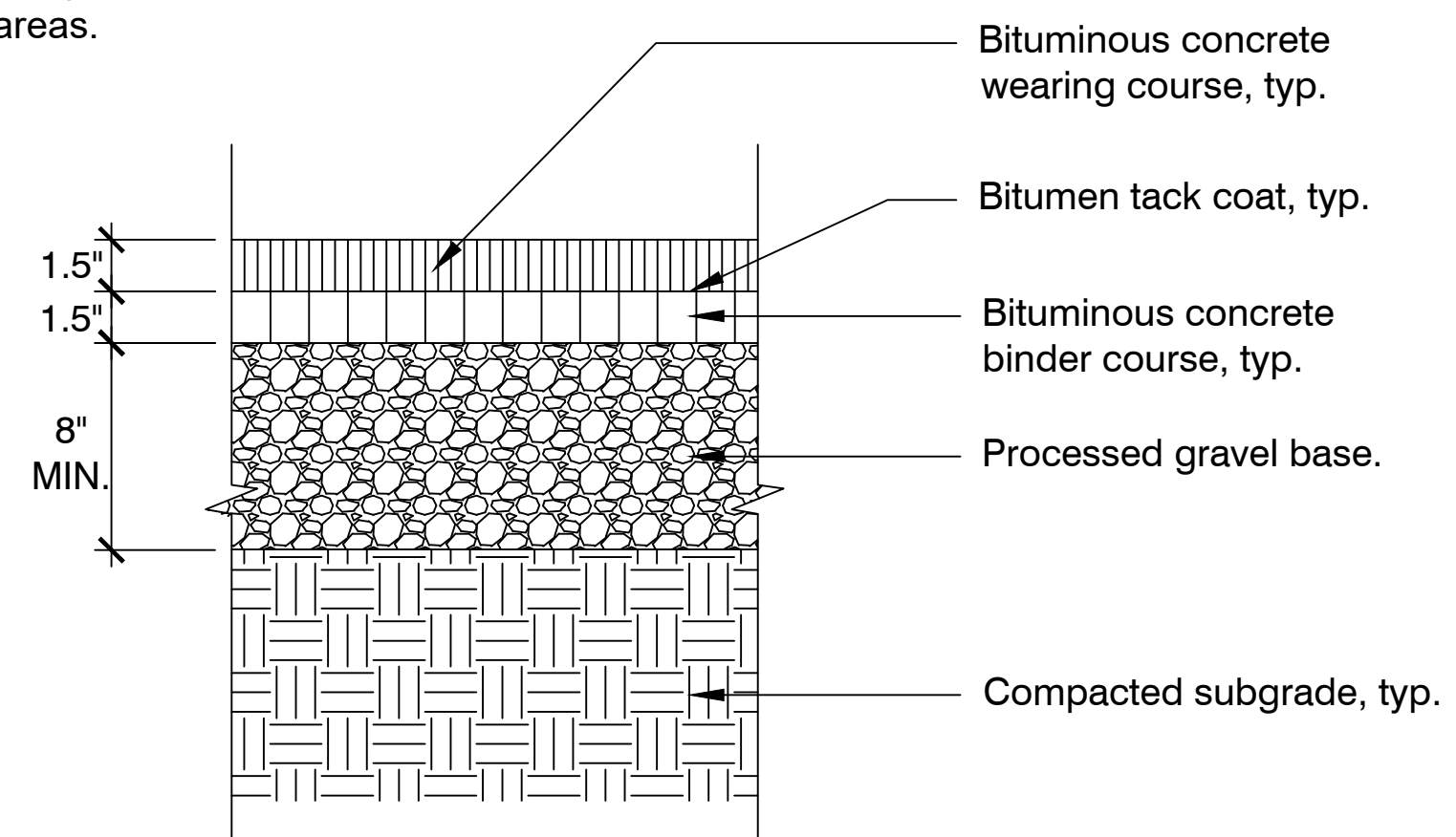
NOTES:

- Contractor must review path layouts with City Landscape Architect prior to installation.
- Contractor must maintain a maximum running slope of 5% and a maximum cross slope of 2% on all paths.
- Contractor must maintain a maximum slope of 2% in all directions for any new handicap parking areas.



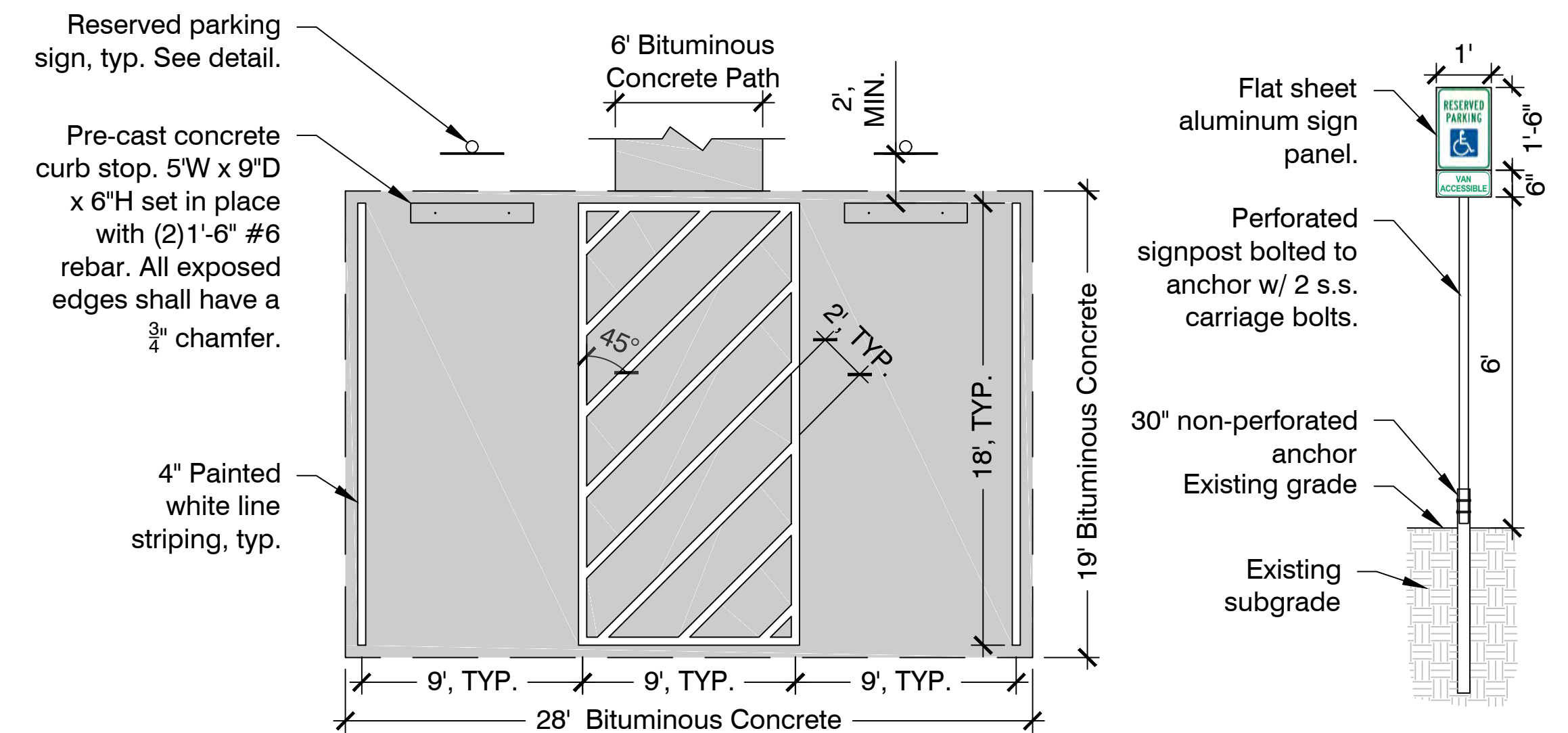
- NOTES:
- Expansion joints shall be placed where new concrete pavement meets existing pavement or pillars.

1 CONCRETE SLAB AT SHADE SHELTER
 SCALE: NTS



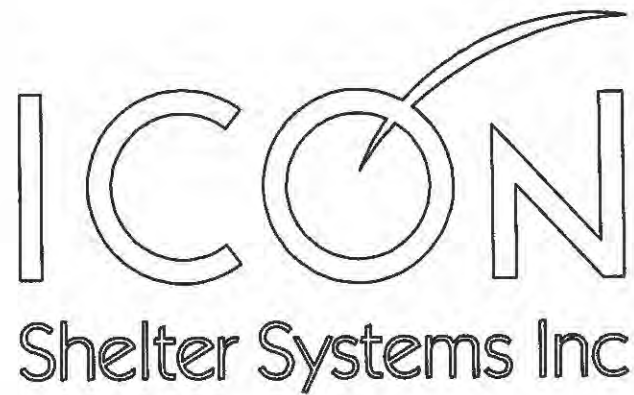
- NOTES:
- Contractor to provide flush smooth transition where new pavement abuts existing pavement, typ.
 - Where parking spaces are proposed the contractor shall remove existing material as needed to provide full depth gravel base and proper subgrade compaction. Top of new bituminous concrete parking spaces shall not be set lower than existing parking lot. Top of new bituminous concrete parking spaces may be set 1" max higher than the existing grade. Contractor shall take care not to create areas of pooling or standing water.

2 BITUMINOUS CONCRETE
 SCALE: NTS



- NOTES:
- Curb stops shall only be installed where new parking spaces are proposed in existing gravel parking lots not existing paved parking lots.
 - Bituminous Concrete shall only be installed where new parking spaces are proposed in existing gravel parking lots. Existing paved parking lots shall be striped per detail.

3 ACCESSIBLE PARKING WITH SIGNAGE
 SCALE: NTS



JOB NUMBER: 5644
 JOB NAME: WARWICK DUGOUTS
 JOB LOCATION: WARWICK RI

REVISION: A
 REMOVED T&G SPLICE DETAIL - DSD 4/2/18

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TABLE OF CONTENTS

- 1.0 Cover Sheet
- 2.0 Elevation
- 3.0 Anchor Bolt Layout
- 4.0 Frame Layout
- 5.0-5.1 Frame Connections
- 6.0 T&G Roof Layout
- 7.0 Multi-Cor Roof Layout
- 8.0-8.4 Roof Connections

DESIGN LOADS

CODE: 2012 INTERNATIONAL BUILDING CODE
 TOTAL DEAD: 9.61 P.S.F.
 FRAME DEAD: 3.61 P.S.F.
 ROOF DEAD: 3.50 P.S.F.
 COLLATERAL DEAD: 2.50 P.S.F.
 ROOF LIVE LOAD: 20.00 P.S.F.
 GROUND SNOW LOAD: 30.00 P.S.F.
 ROOF SNOW LOAD: 25.20 P.S.F.
 WIND SPEED: 135.00 M.P.H.
 EXPOSURE: C
 SEISMIC USE GROUP: I
 SEISMIC USE GROUP: I
 SEISMIC SITE CLASS: D
 SEISMIC DESIGN CATEGORY: B
 SEISMIC ANALYSIS: SIMPLIFIED

NOTES

MATERIALS
 TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION) (ASTM DESIGNATION) A-500 GRADE B
 WIDE FLANGE SECTIONS A-992
 STRUCTURAL STEEL PLATE A-36
 ROOF PANELS (STEEL) A-446
 ANCHOR BOLTS F1554 GRADE 55
 CONNECTION BOLTS A-325

ALL WELDING CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED. ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS.

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE MATERIALS SUPPLIED BY ICON SHELTER SYSTEMS INC. AND IS NOT INTENDED AS THE SEAL OF THE ENGINEER OF RECORD FOR THE ENTIRE PROJECT.

DUE TO STANDARDIZED FABRICATION PARTS SHOWN MAY BE UPGRADED. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

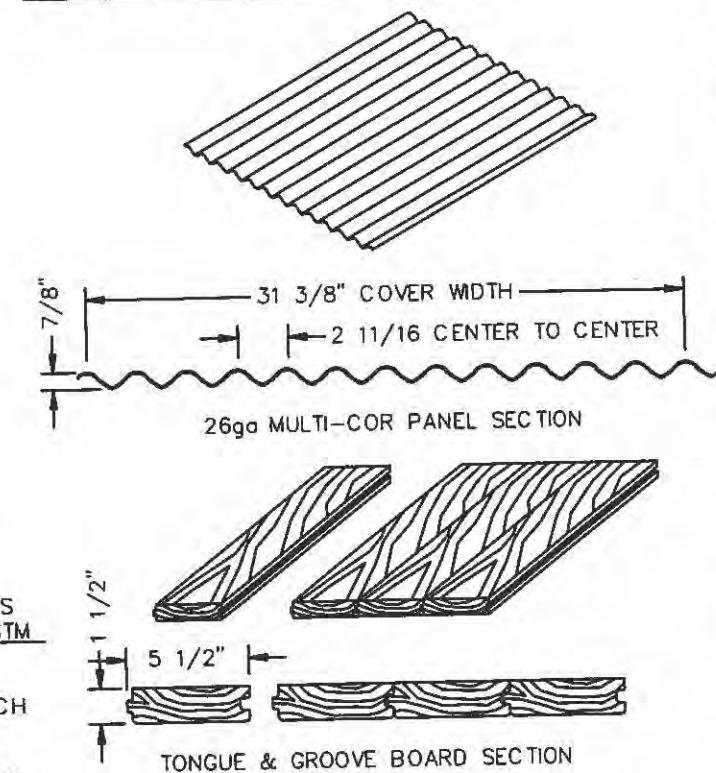
ICON SHELTER SYSTEMS INC. RECOMMENDS THAT THE PRIMARY FRAMING INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

HIGH STRENGTH BOLTING
 ALL HIGH STRENGTH BOLTS ARE A-325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS ASTM A325 OR A490 BOLTS" (12/31/2009) AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS SNUG TIGHTENED WHICH IS DEFINED AS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT, WHICH IS THE CONDITION WHEN THE PLANES OF CONTACT BETWEEN TWO PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT WITH UTILIZATION OF THE SNUG TIGHTENING METHOD, NO WASHERS ARE REQUIRED.
 ALL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

PROPER ERECTION OF THE FRAMING MEMBERS REQUIRES THE MAIN COLUMNS TO BE PLUMB & SQUARE. COLUMNS, RAFTER, AND TIE BEAM CONNECTIONS MUST BE TIGHTENED BEFORE INSTALLING THE PURLINS. PURLINS MUST BE PARALLEL TO THE TIE BEAMS AND EAVE BEAMS.

ROOF

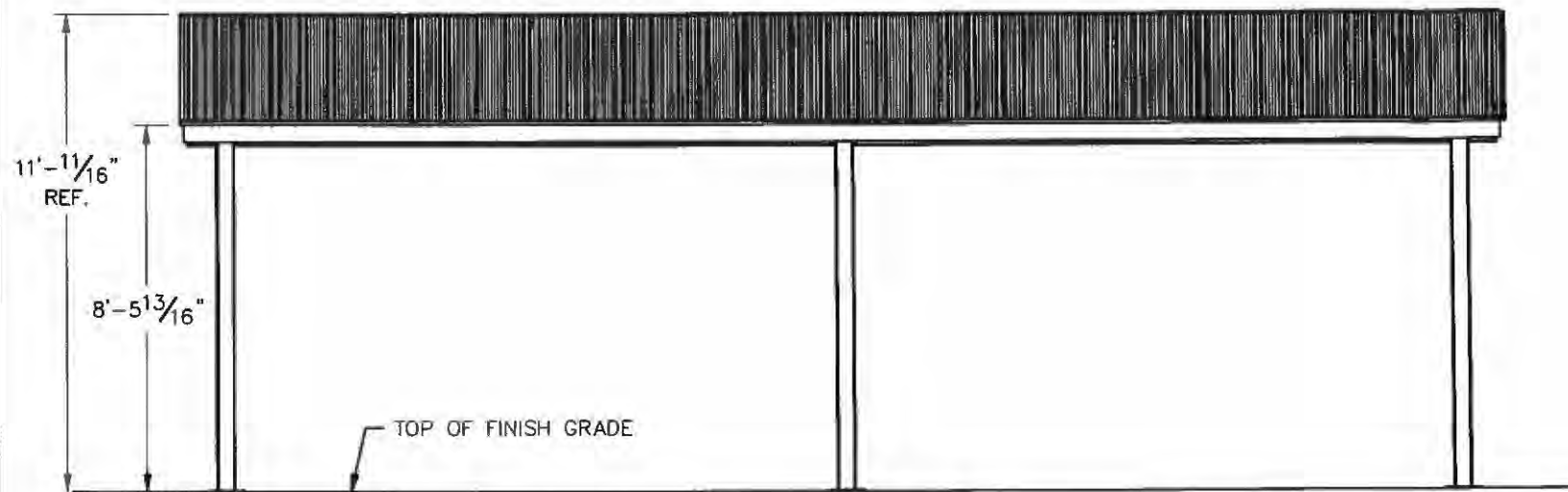


MICHAEL G. TOMKO
 No. 8449
 REGISTERED PROFESSIONAL ENGINEER CIVIL
 APR 02 2018

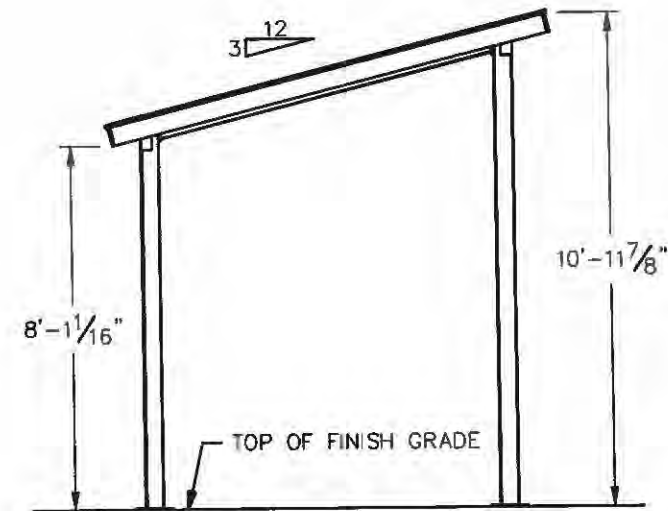
Cover Sheet

DRAWN BY: lisam
 DATE: 4/2/2018
 JOB NO.: 5644
 REVISION: A
 BUILDING TYPE: MP10X31TY-P3
 PROJECT NAME: WARWICK DUGOUTS WARWICK, RI

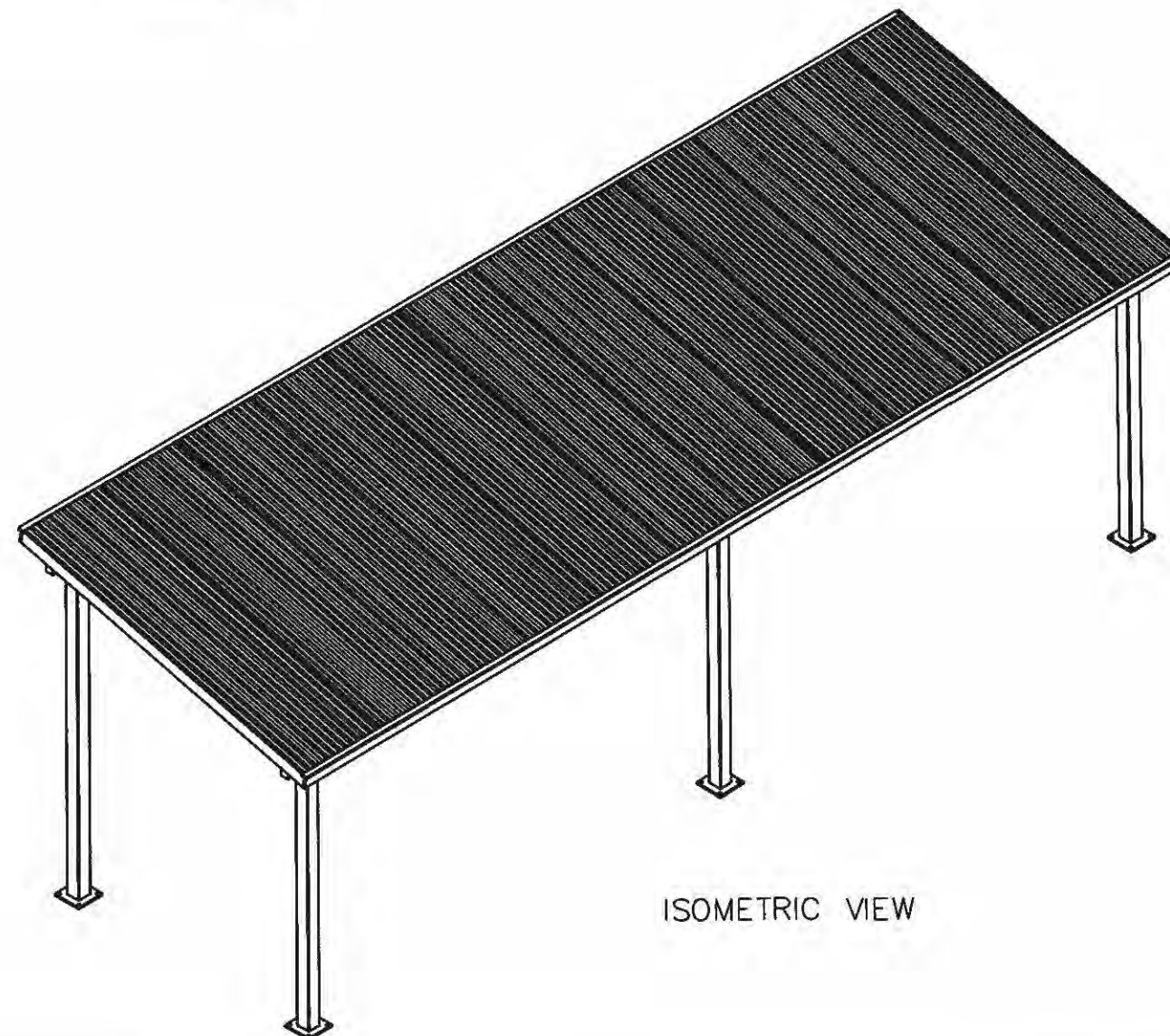
SHEET 1.0



FRONT VIEW



SIDE VIEW



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Elevation

DRAWN BY:

lisam

DATE:

4/2/2018

JOB NO.:

5644

REVISION:

A

BUILDING TYPE:

MP10X31TY-P3

PROJECT NAME:

WARWICK DOUGOUTS
WARWICK, RI

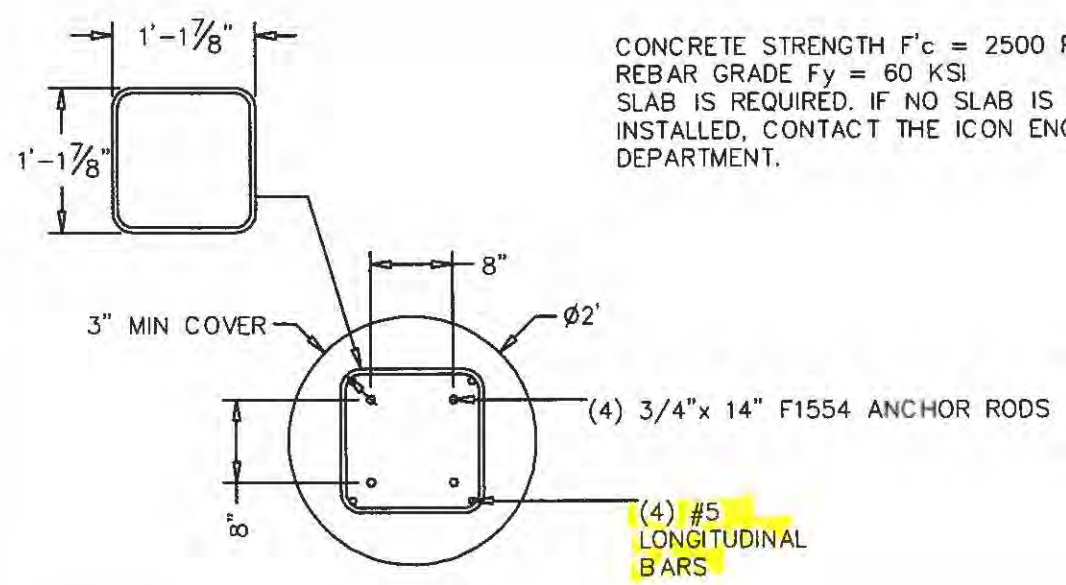


APR 02 2018

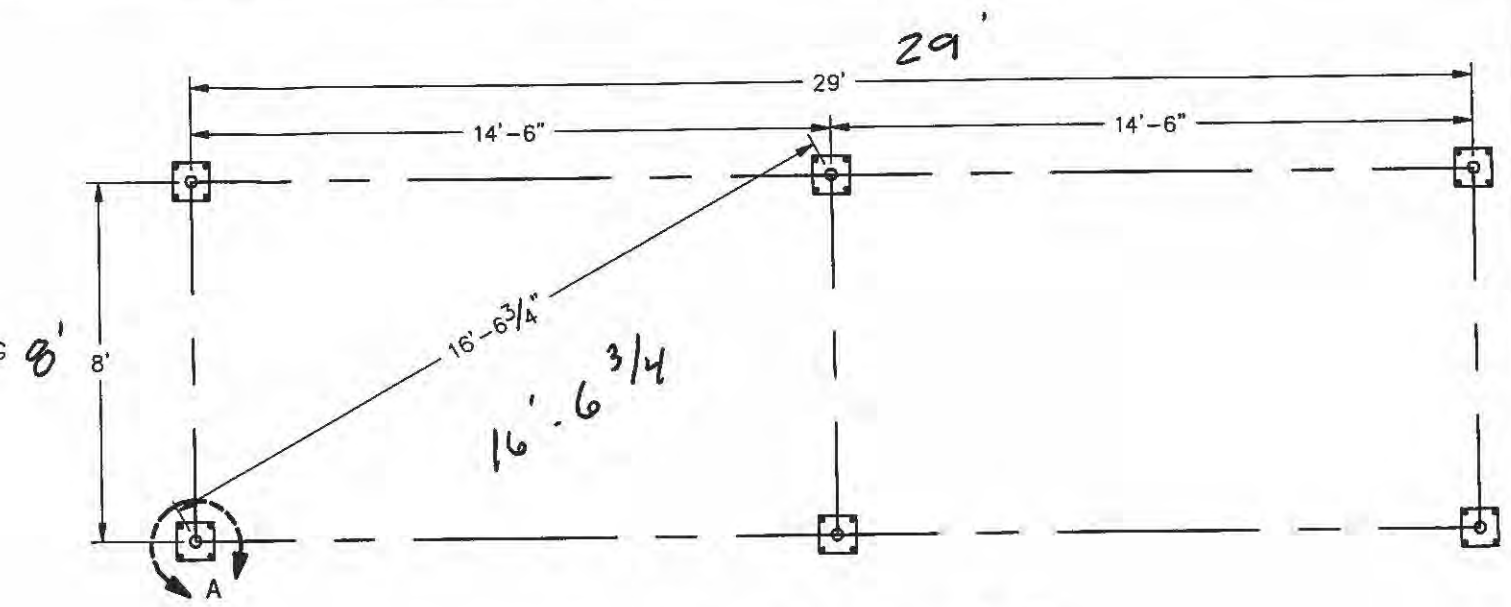
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2.0

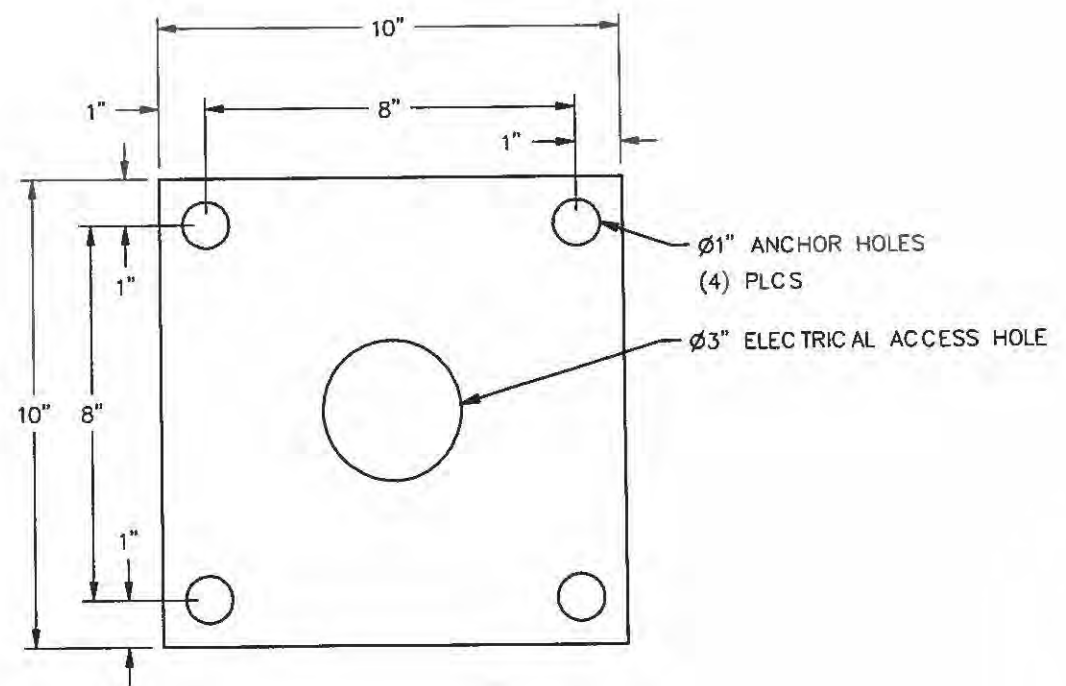
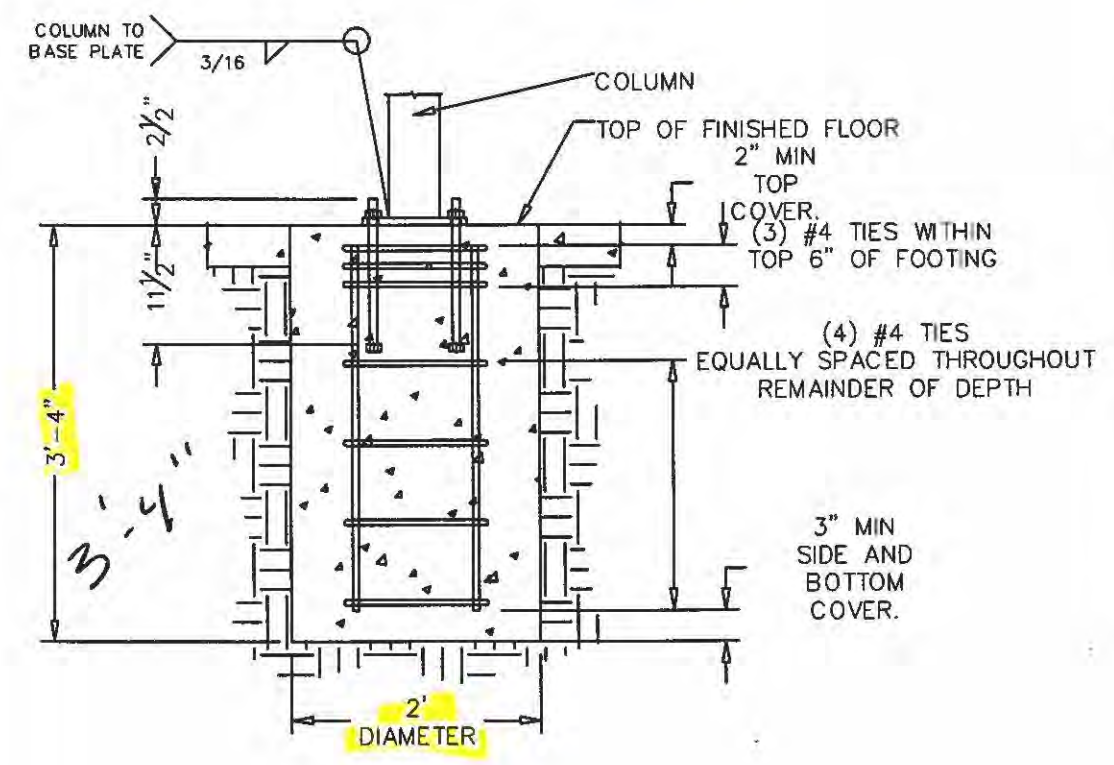
Anchor Layout



CONCRETE STRENGTH $F'_c = 2500$ PSI
 REBAR GRADE $F_y = 60$ KSI
 SLAB IS REQUIRED. IF NO SLAB IS TO BE
 INSTALLED, CONTACT THE ICON ENGINEERING
 DEPARTMENT.



ANCHOR BOLT LAYOUT

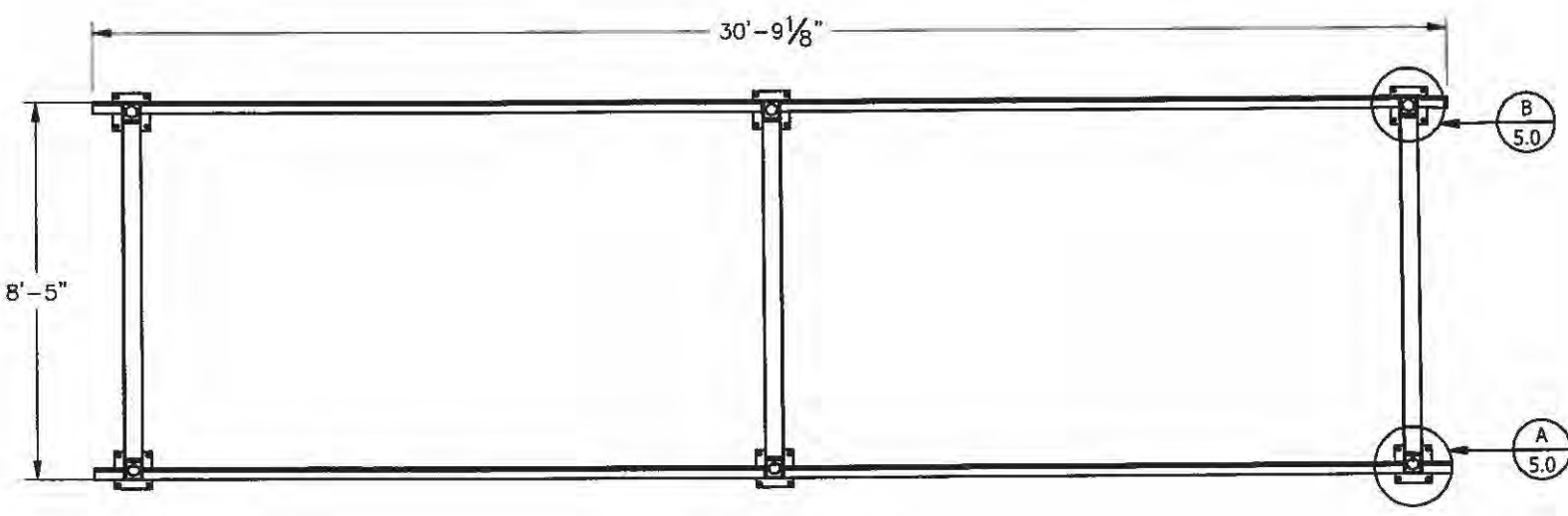


DETAIL A
 BASE PLATE MATERIAL
 5/8" THICK HRF, $F_y = 36$ ksi

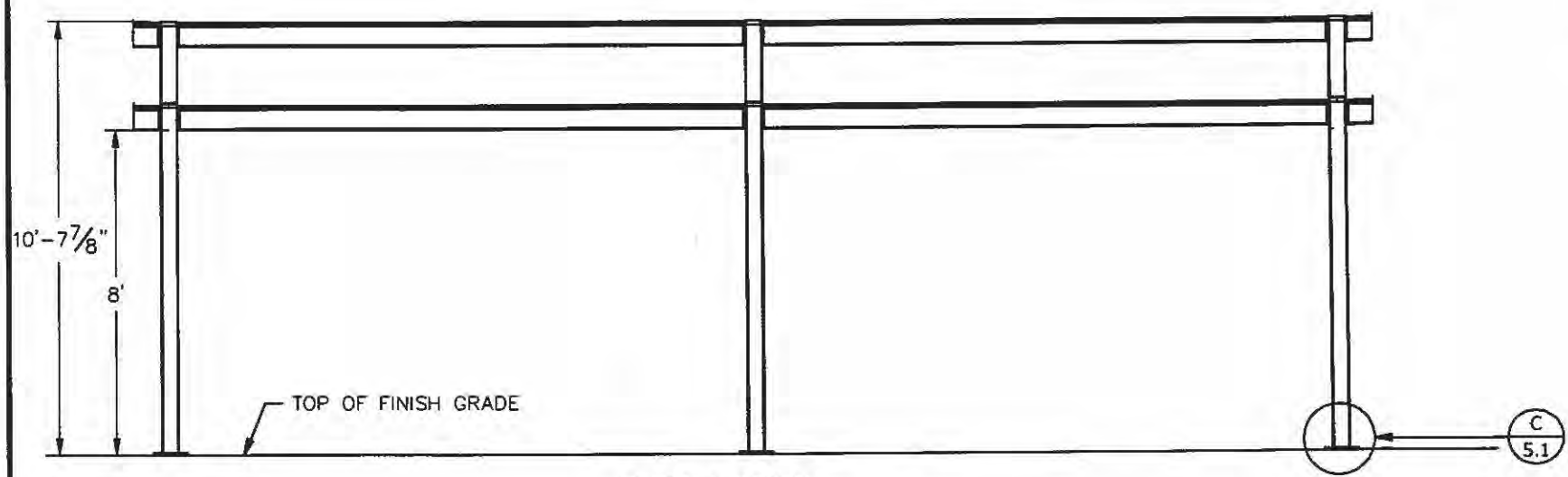
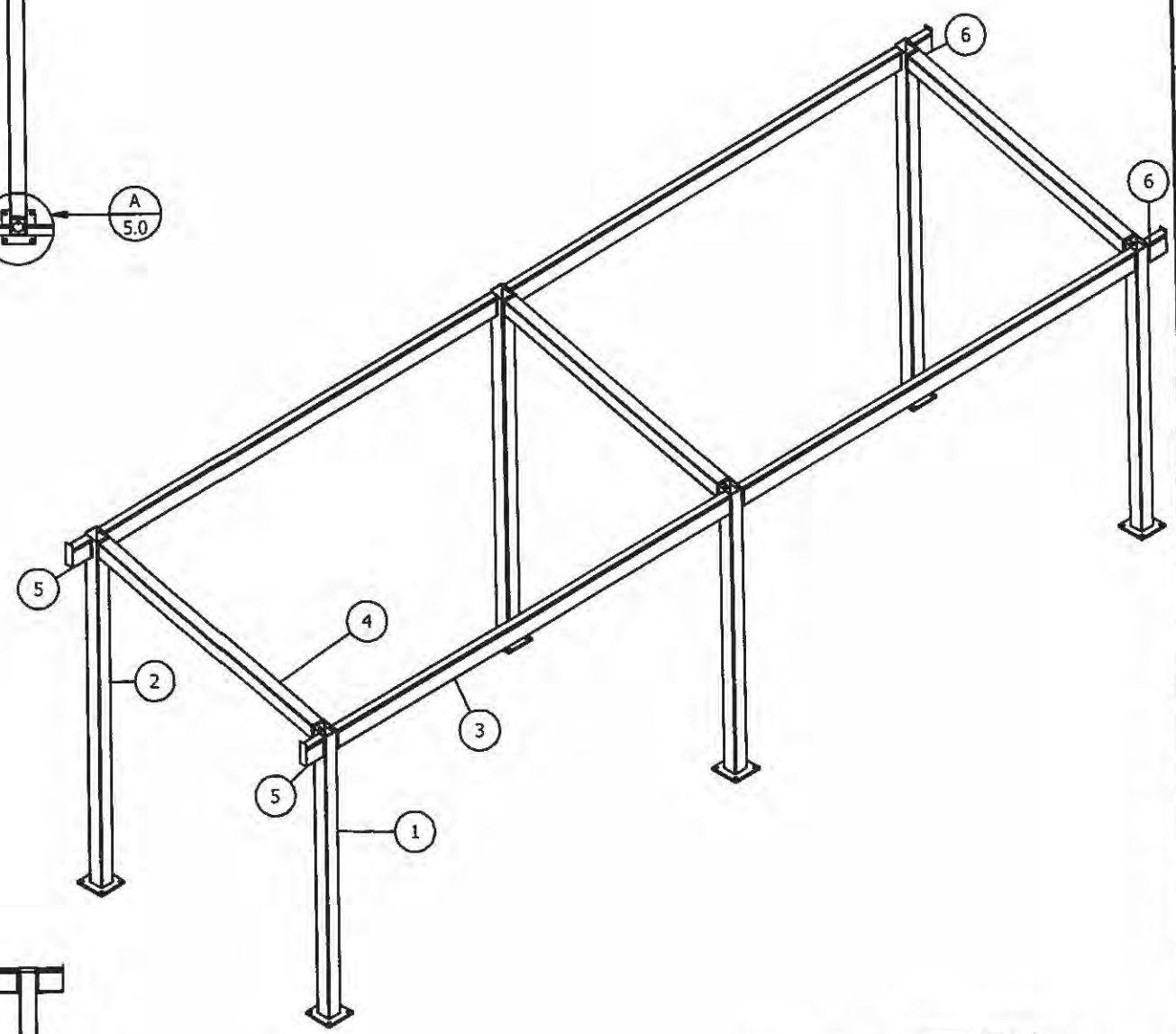
MICHAEL G. TOMKO
 No. 8449
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 CIVIL
 APR 02 2018

DRAWN BY:	lisam
DATE:	4/2/2018
JOB NO.:	5644
REVISION:	A
BUILDING TYPE:	MP10X31TY-P3
PROJECT NAME:	WARWICK DOUGOUTS WARWICK, RI

SHEET
3.0



PLAN VIEW



FRONT VIEW

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	LENGTH	UNIT WEIGHT
1	3		COLUMN 1	HSS5X5X0.1875		108 lbmass
2	3		COLUMN 2	HSS5X5X0.1875		132 lbmass
3	4		TIE BEAM	HSS6X3X0.125		121 lbmass
4	3		RAFTER	HSS5X5X0.125		73 lbmass
5	2		TIE BEAM TAIL- LH	HSS6X3X0.125		6 lbmass
6	2		TIE BEAM TAIL- RH	HSS6X3X0.125		6 lbmass

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Frame Layout

DRAWN BY:

lisom

DATE:

4/2/2018

JOB NO.:

5644

REVISION:

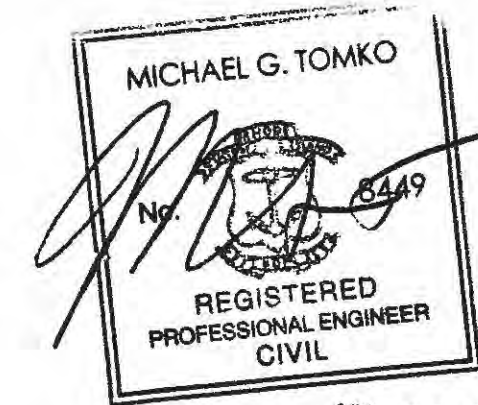
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BUILDING TYPE:

MP10X31TY-P3

PROJECT NAME:

WARWICK DOUGOUTS
 WARWICK, RI



APR 02 2018

SHEET
4.0

Frame Connections

DRAWN BY:

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DATE:

4/2/2018

JOB NO.:

5644

REVISION:

A

BUILDING TYPE:

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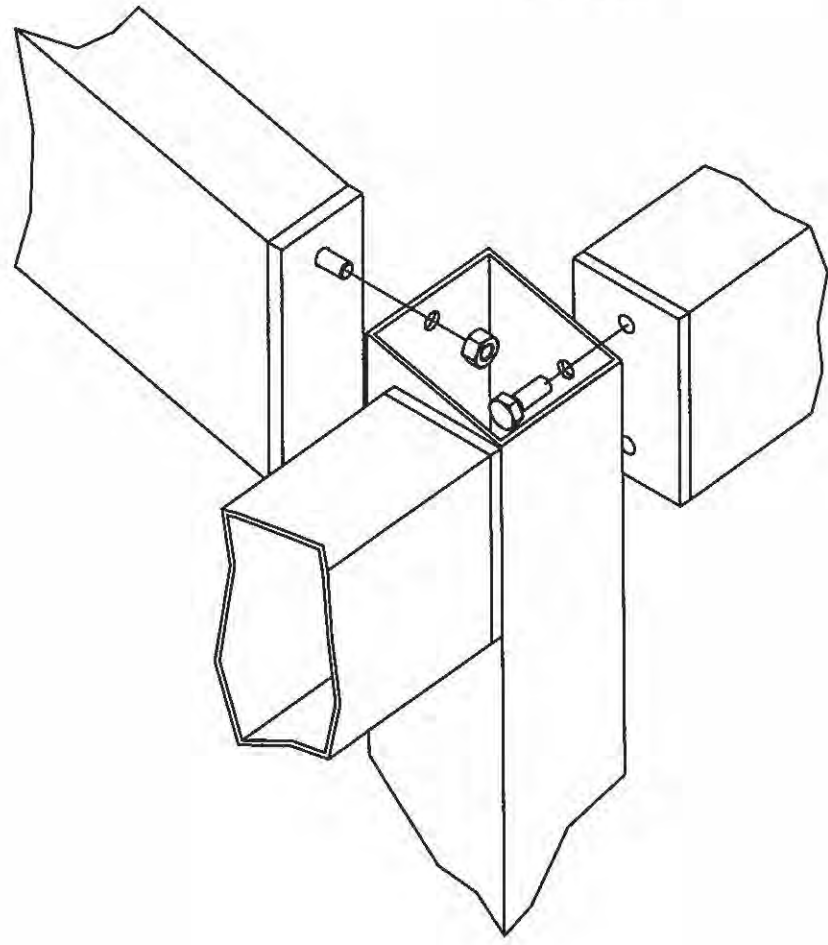
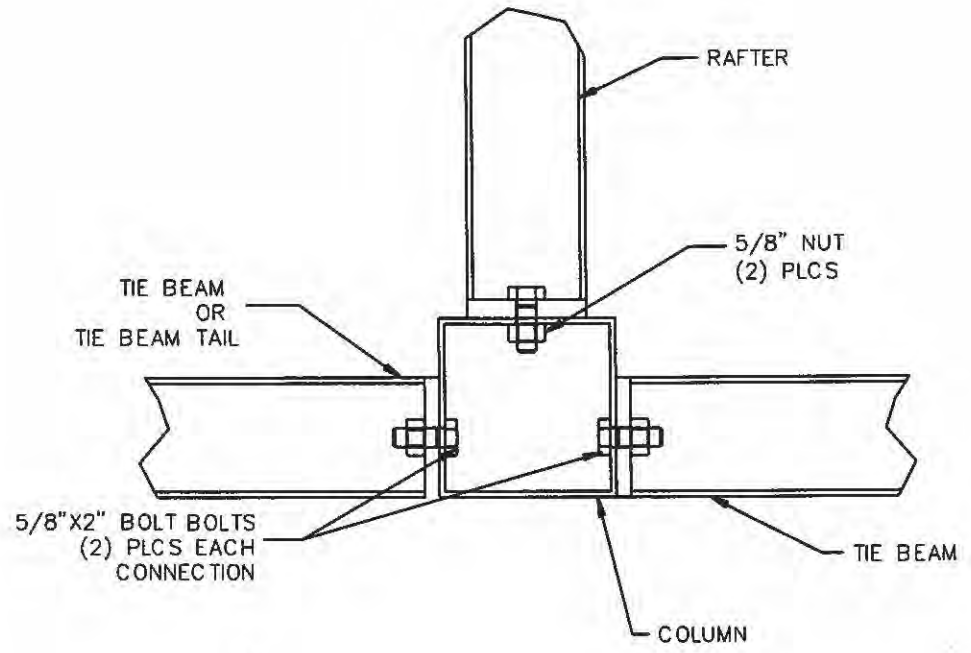
PROJECT NAME:

WARWICK DOUGOUTS
 WARWICK, RI

SHEET

5.0

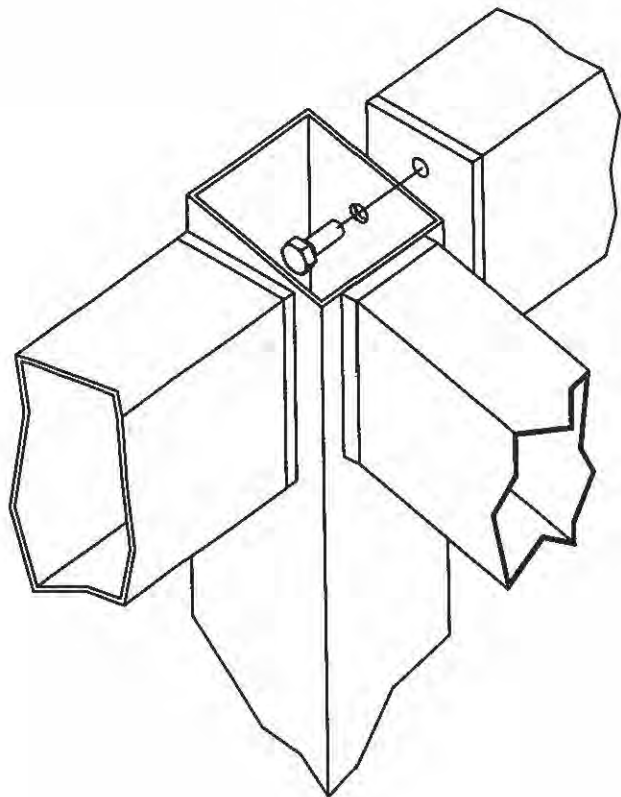
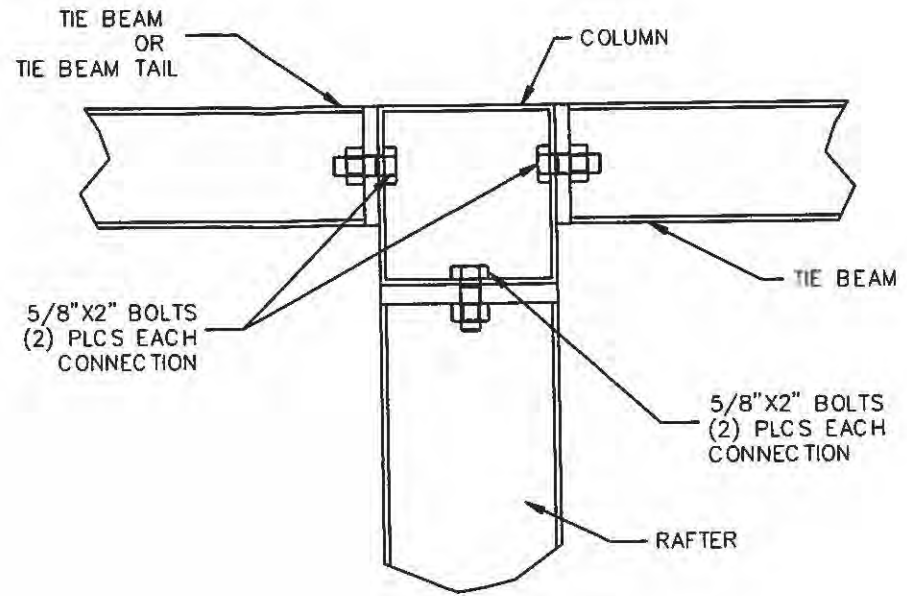
PRINTED ON : 4/2/2018



RAFTER & TIE BEAM CONNECTION

@ COLUMN

DETAIL A



RAFTER & TIE BEAM CONNECTION

@ COLUMN

DETAIL B

MICHAEL G. TOMKO
 No. 8449
 REGISTERED PROFESSIONAL ENGINEER CIVIL
 APR 8 2018

Frame Connection

DRAWN BY:

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DATE:

4/2/2018

JOB NO.:

5644

REVISION:

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BUILDING TYPE:

MP10X31TY-P3

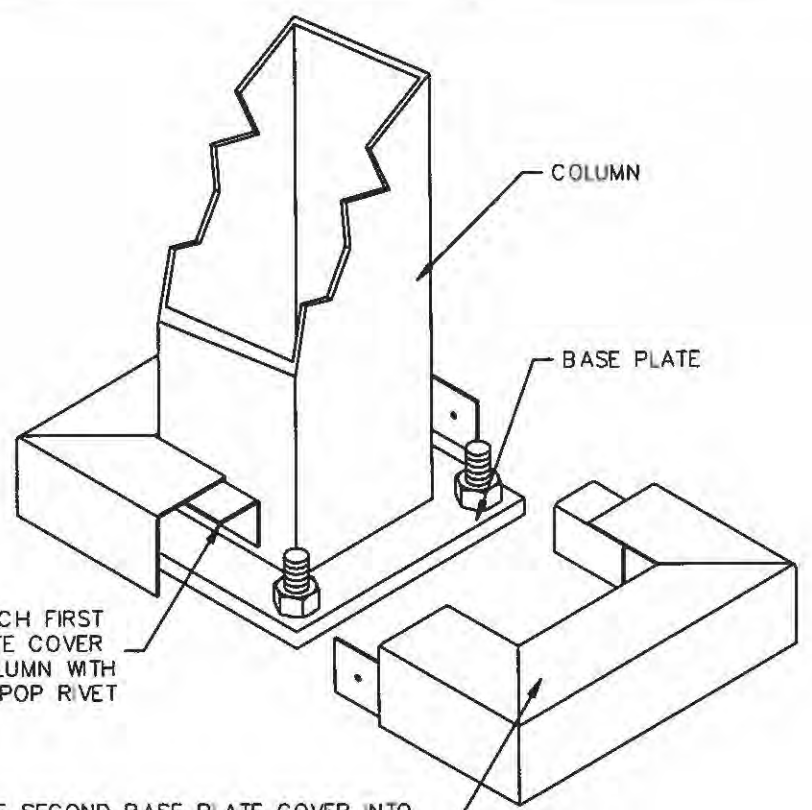
PROJECT NAME:

WARWICK DOUGOUTS
WARWICK, RI

SHEET

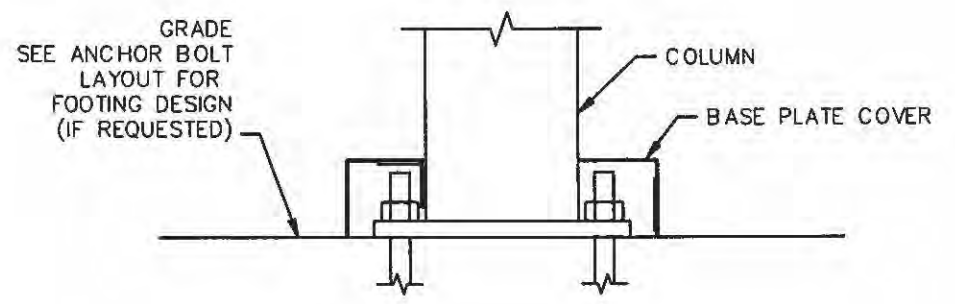
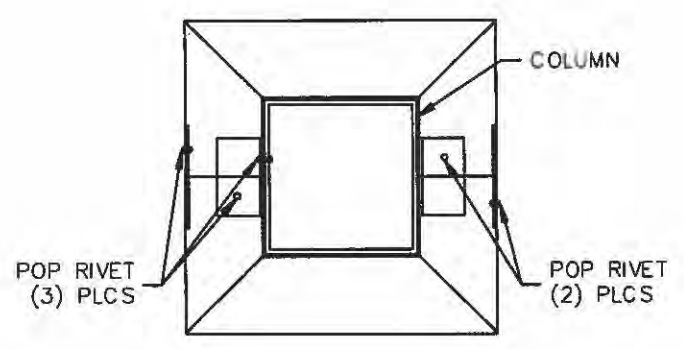
5.1

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No. 6449
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PROFESSIONAL ENGINEER
CIVIL
APR 02 2018



ATTACH FIRST
BASE PLATE COVER
TO THE COLUMN WITH
WITH (1) POP RIVET

SLIDE SECOND BASE PLATE COVER INTO
FIRST BASE PLATE COVER AND ATTACH
WITH (1) POP RIVET PER SIDE AND TOP (BOTH SIDES)

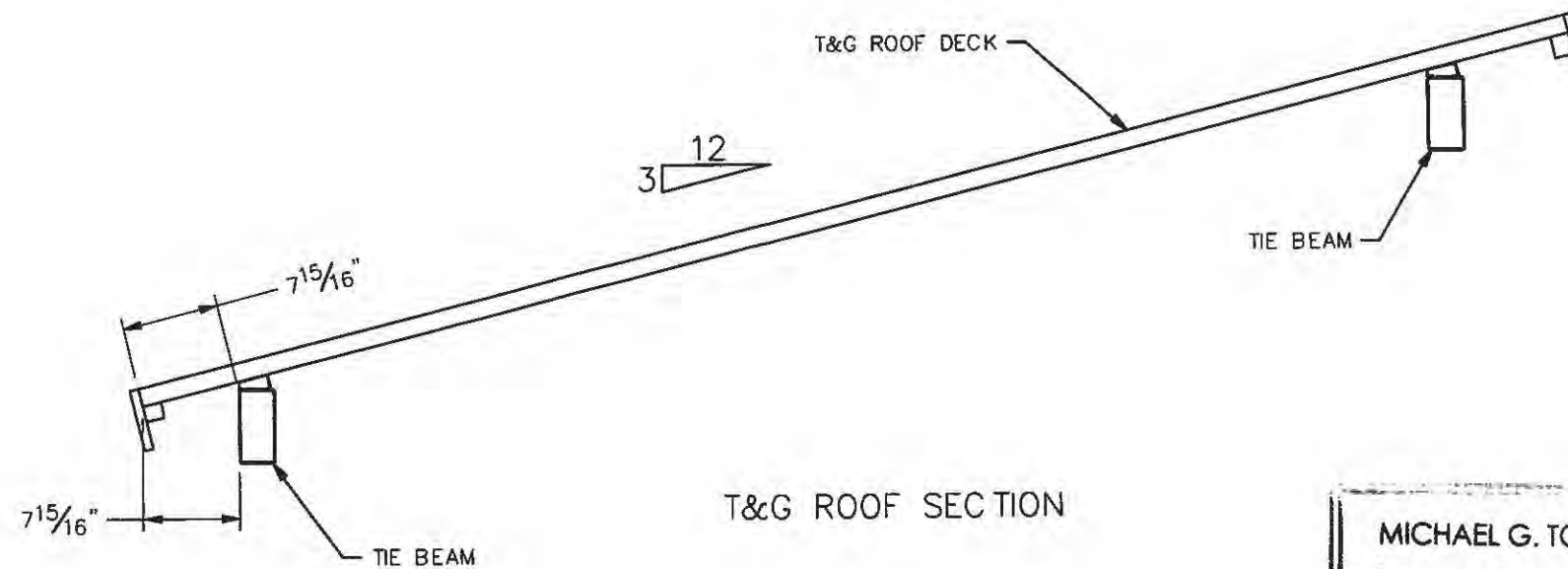
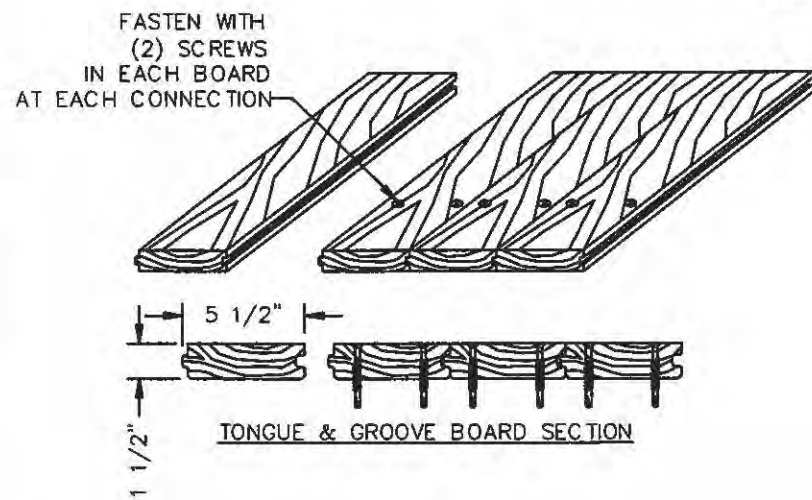
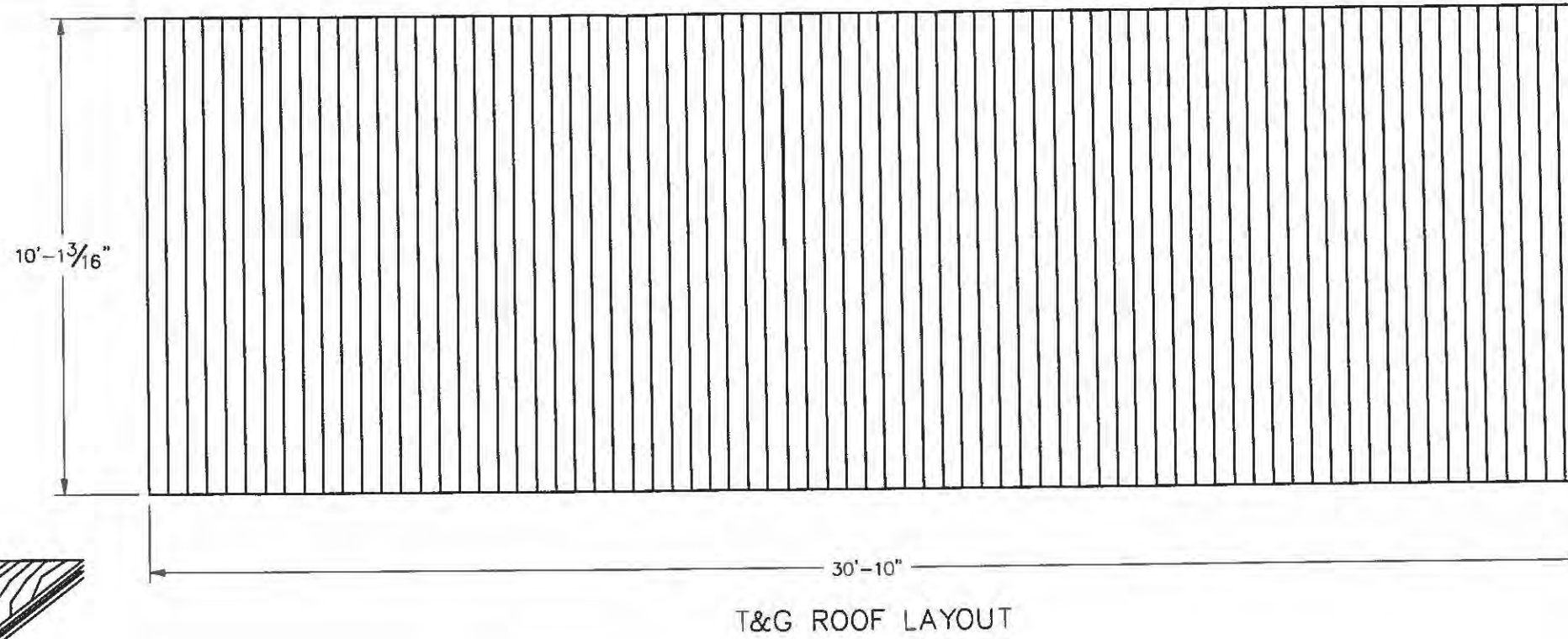


BASE PLATE COVER CONNECTION

DETAIL C

© COLUMN

T & G ROOF DECK: 2X6 TONGUE AND GROOVE
WOOD ROOF DECK, WESTERN LODGEPOLE PINE, KILN
DRIED, #2 OR BETTER, ONE EDGE V'D, ONE EDGE
GROOVED. IF REQ'D, FASCIA SHALL BE PINE.



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APR 02 2018

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T&G Roof Layout

DRAWN BY:
lisom
DATE:
4/2/2018
JOB NO.:
5644
REVISION:
A
BUILDING TYPE:
MP10X31TY-P3
PROJECT NAME:
WARWICK DOUGOUTS
WARWICK, RI

SHEET
6.0

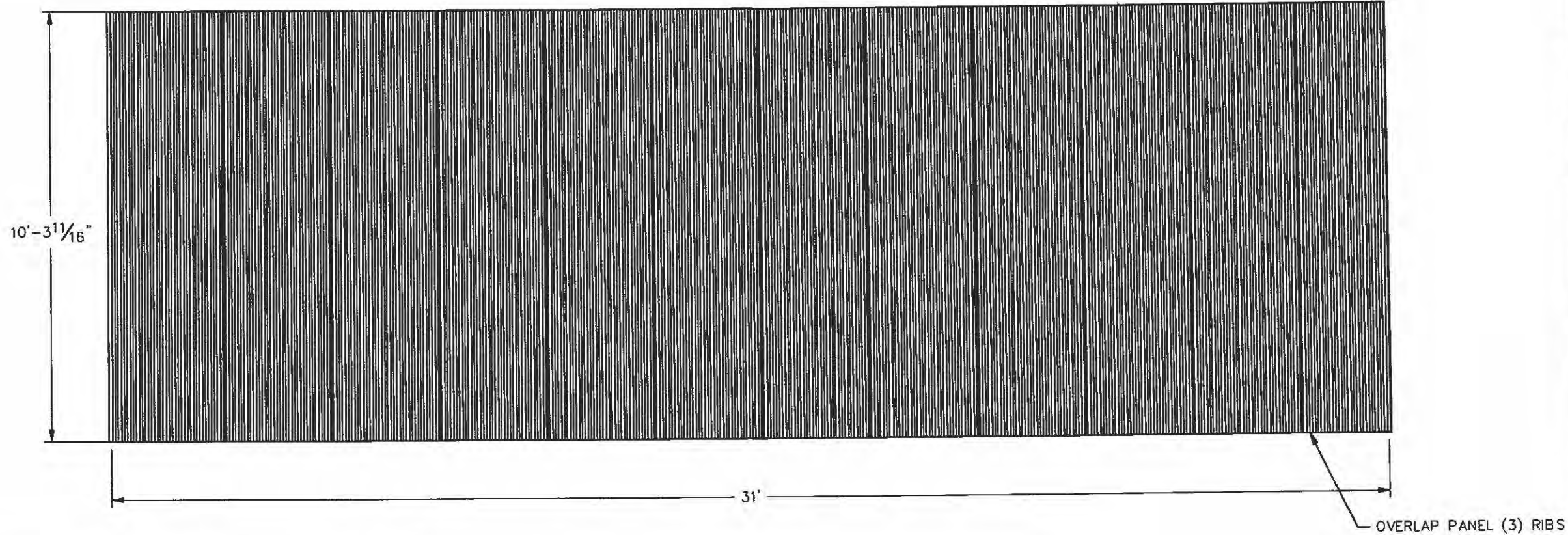
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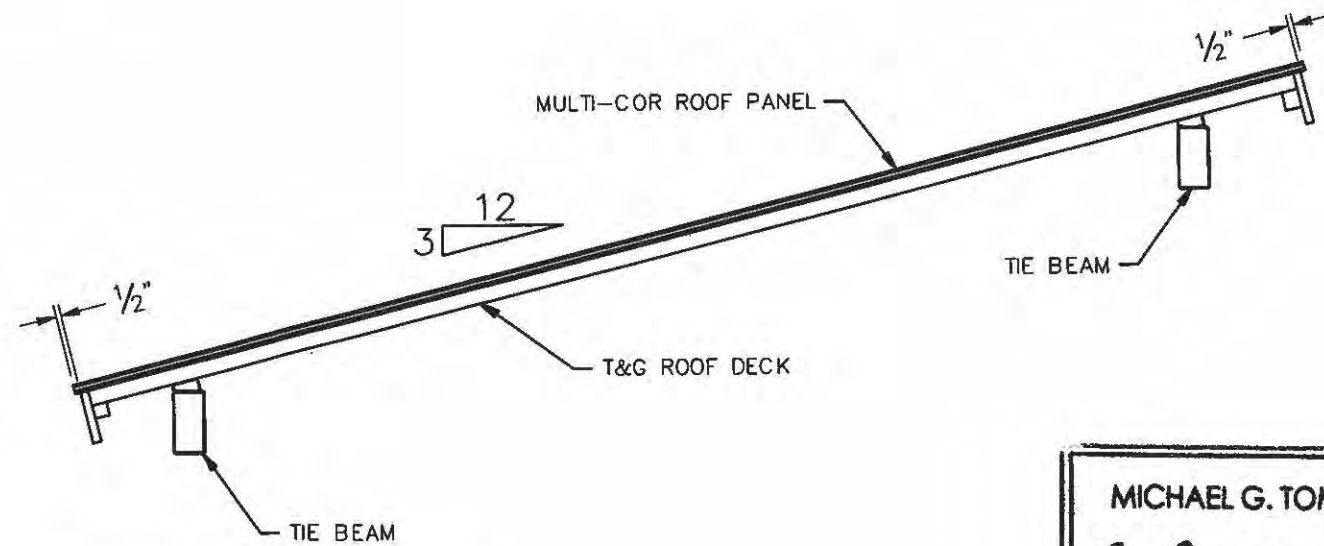
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 HOLLAND MI, 49423

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 800.748.0985
 616.396.0944 FX

Multi Cor-Roof Layout



<p>INSTALLED CORRECTLY</p> <p>THE SEALING MATERIAL SLIGHTLY VISIBLE AROUND THE METAL WASHER</p>	<p>INSTALLED TOO TIGHT</p> <p>THE SEALING MATERIAL IS DEFORMED BEYOND THE EDGE OF THE METAL WASHER</p>	<p>INSTALLED TOO LOOSE</p> <p>THE SEALING MATERIAL IS NOT VISIBLE AROUND THE EDGE OF THE METAL WASHER</p>
---	--	---



THE DETAILS SHOWN ARE SUGGESTIONS OR GUIDELINES ON HOW TO ERECT THE METAL ROOFING SYSTEM. THE INFORMATION SHOWN IS ACCURATE, BUT IT IS NOT INTENDED TO COVER ALL INSTANCES, BUILDING REQUIREMENTS, DESIGNS OR CODES. CHANGES TO THE DETAILS MAY BE REQUIRED DUE TO FIELD CONDITIONS.

THE ERECTOR SHOULD THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL INSTALLATION INSTRUCTION MATERIAL BEFORE STARTING WORK.

THE PANELS SHOULD BE INSTALLED PLUMB, STRAIGHT, AND ACCURATELY TO THE ADJACENT WORK.

ERECTORS SHALL BE RESPONSIBLE TO ENSURE THAT THE DETAILS MEET PARTICULAR BUILDING REQUIREMENTS AND TO ASSURE ADEQUATE WATER TIGHTNESS.

FOR THE BEST APPEARANCE ALL TRIM AND FLASHING SHALL BE INSTALLED TRUE, AND IN PROPER ALIGNMENT, WITH ALL EXPOSED FASTENERS EQUALLY SPACED.

SOME FIELD CUTTING AND/OR FITTING OF PANELS, TRIM AND FLASHING IS TO BE EXPECTED BY THE ERECTOR. MINOR FIELD CORRECTIONS ARE PART OF NORMAL ERECTION WORK.

THE INSTALLATION SHALL BE PERFORMED BY EXPERIENCED METAL CRAFTSMEN AND WORKMANSHIP SHALL MEET THE BEST INDUSTRY STANDARDS.

ATTENTION INSTALLERS:
 METAL SHAVINGS LEFT ON ROOF WILL QUICKLY RUST AND STAIN THE ROOF FINISH!

DRILLING OR INSTALLING ROOF FASTENERS WILL CAUSE METAL SHAVINGS. THESE SHAVINGS MUST BE CAREFULLY REMOVED AT THE END OF EACH DAY BY EITHER SWEEPING OR BRUSHING THE INSTALLED ROOF.

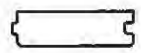
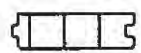

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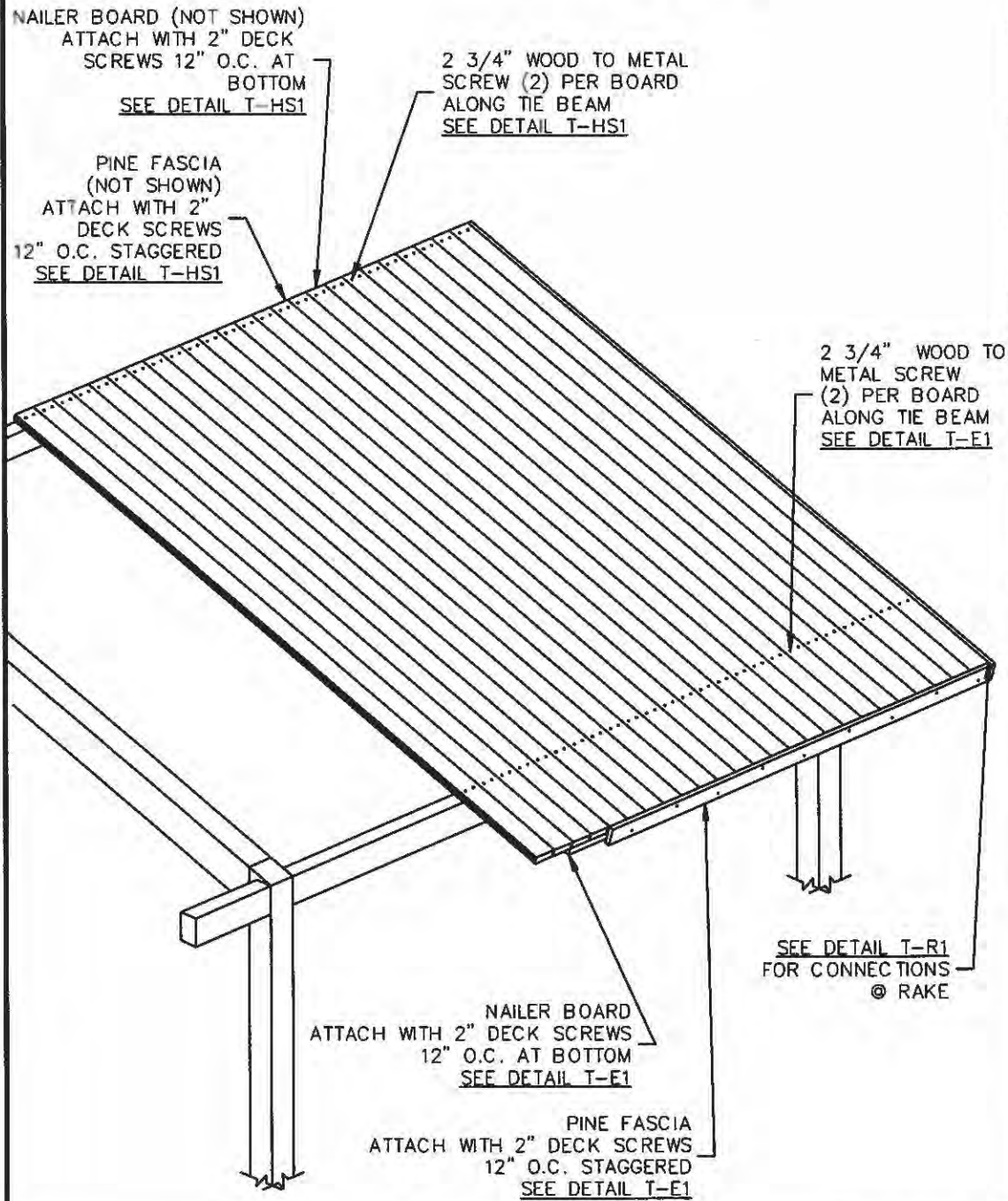
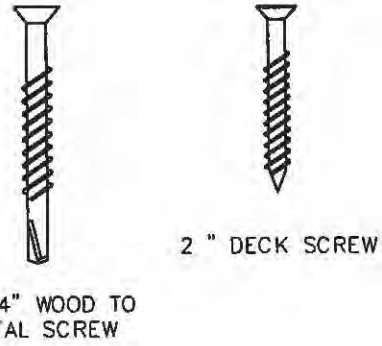
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DATE:	4/2/2018
JOB NO.:	5644
REVISION:	A
BUILDING TYPE:	MP10X31TY-P3
PROJECT NAME:	WARWICK DOUGOUTS WARWICK, RI

SHEET
7.0

ORDER OF INSTALLATION

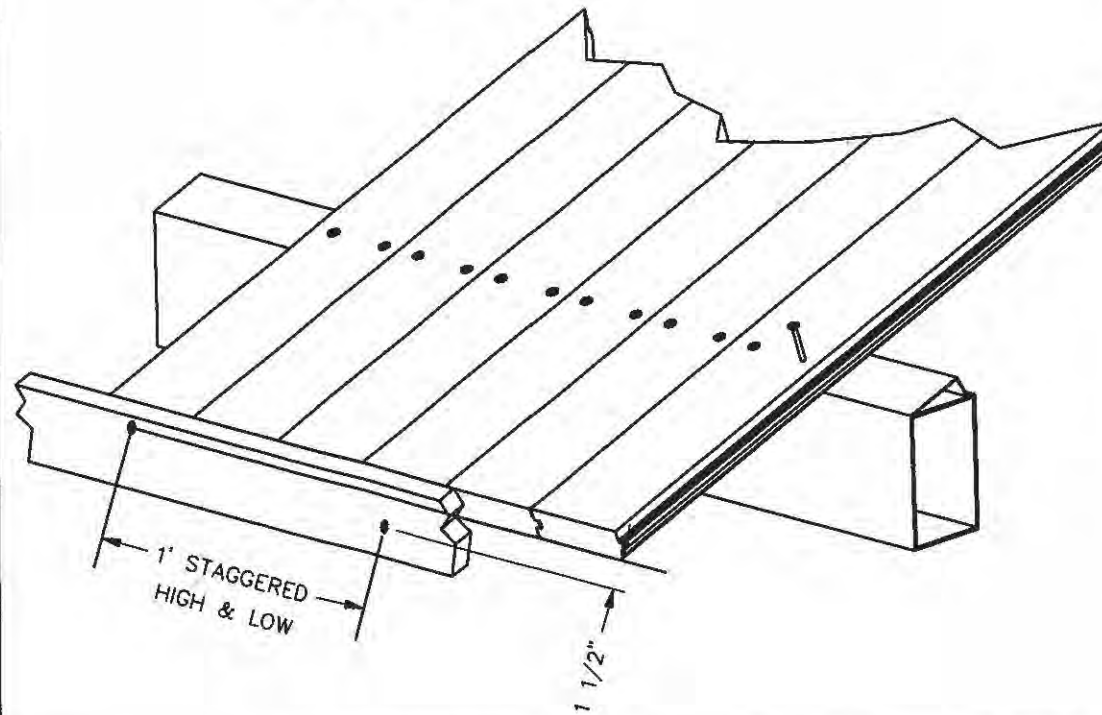
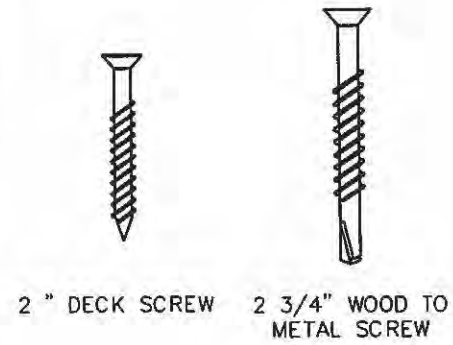
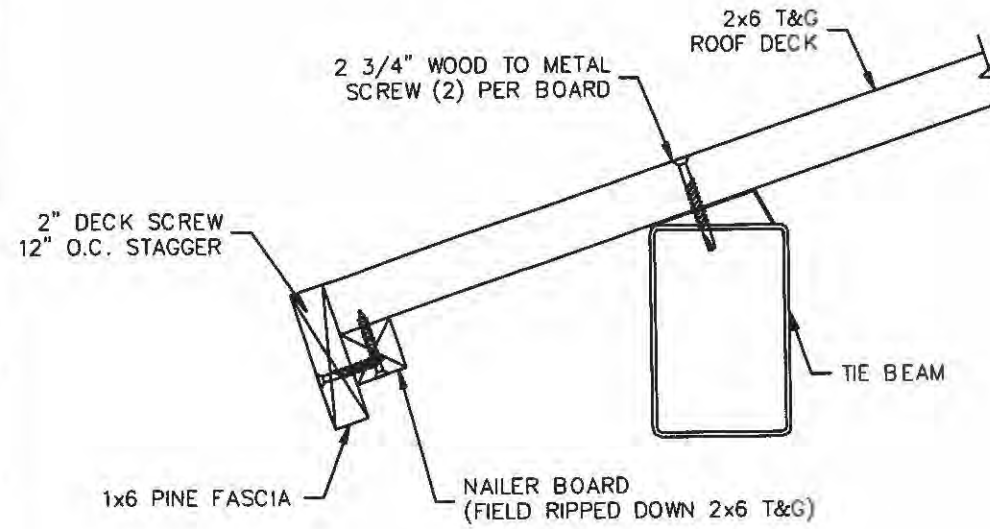
-  T&G BOARD
SEE DETAILS T-E1, T-HS1 & T-P1
-  NAILER - RIP THREE PER T&G BOARD AS SHOWN
SEE DETAIL T-E1 & T-HS1
-  1"x6" PINE FASCIA
SEE DETAIL T-E1, T-R1 & T-HS1

FASTENERS



T&G ROOF DECK LAYOUT

ROOF



T&G ROOF DECKING

@ TIE BEAM

T-E1

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Roof Connections

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lisam

DATE:

4/2/2018

JOB NO.:

5644

REVISION:

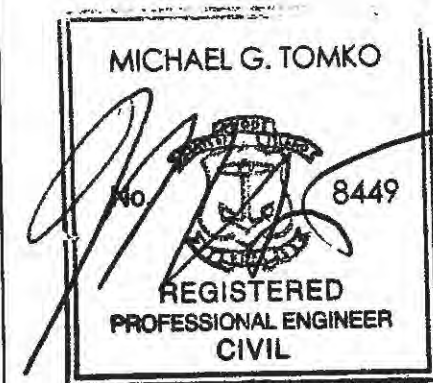
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BUILDING TYPE:

MP10X31TY-P3

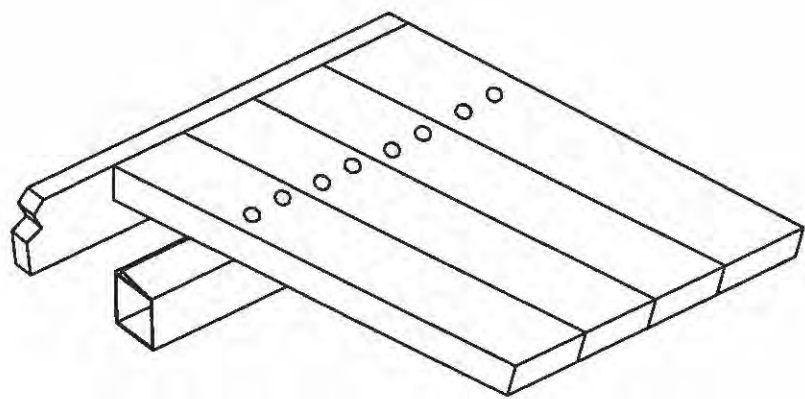
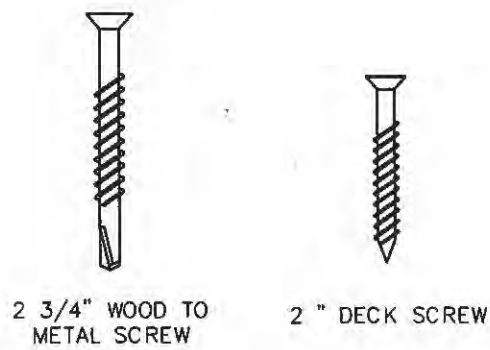
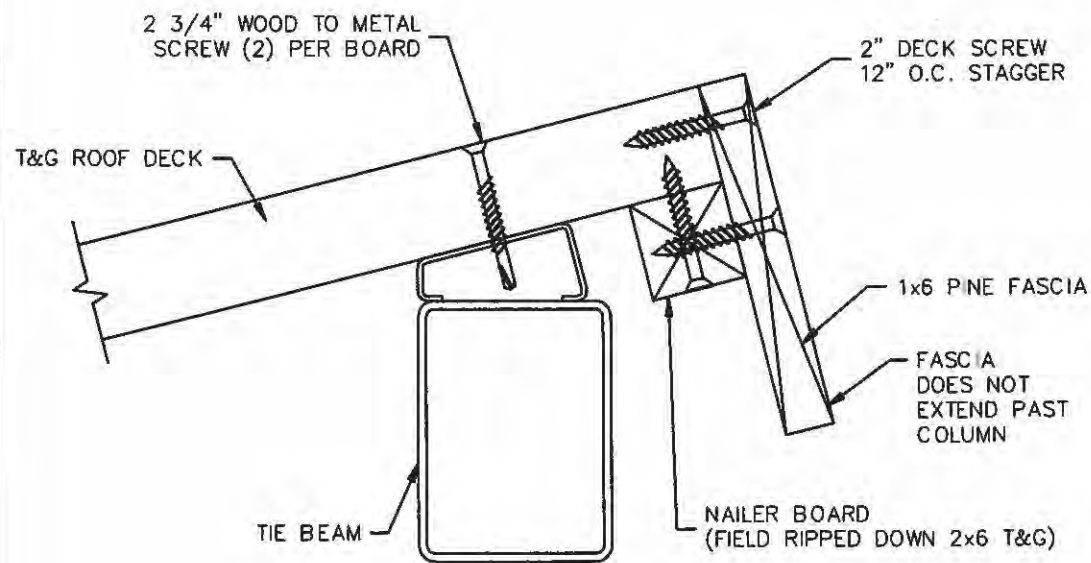
PROJECT NAME:

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WARWICK, RI



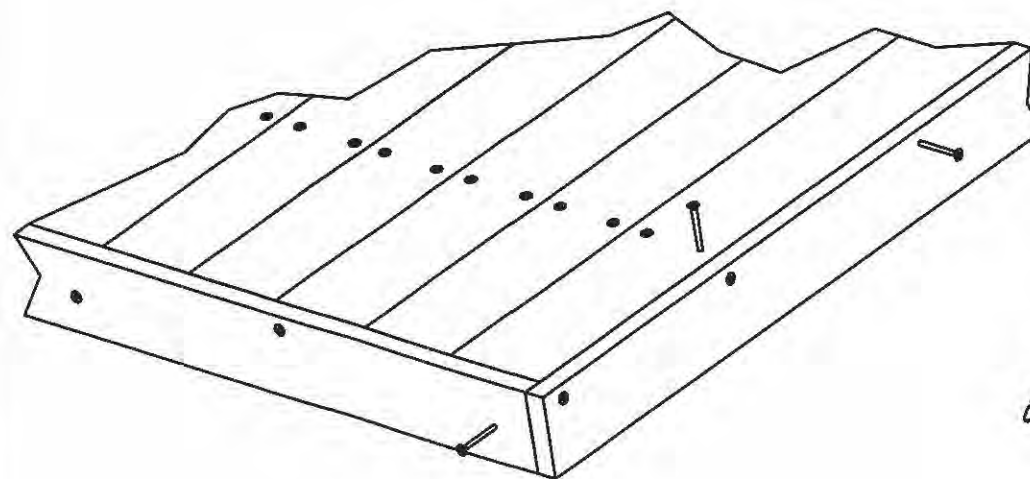
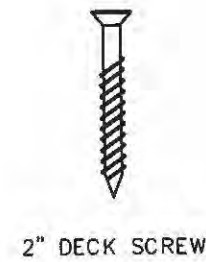
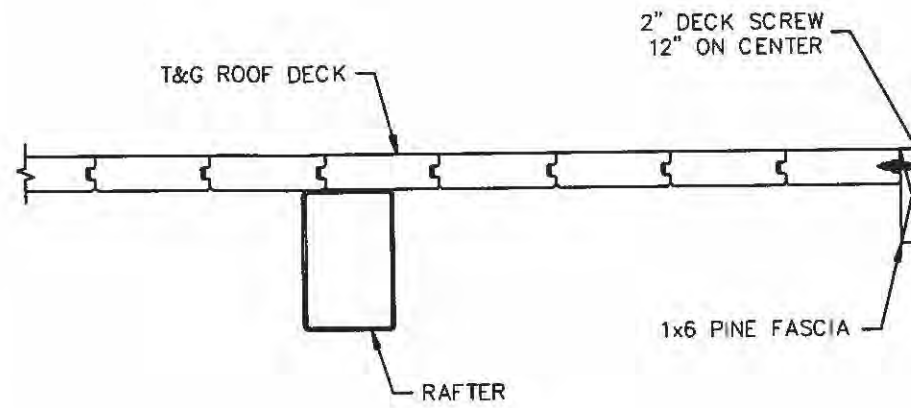
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T&G EAVE CONNECTION DETAIL

T-HS1



T&G ROOF DECK CONNECTION DETAIL @ RAKE

T-R1

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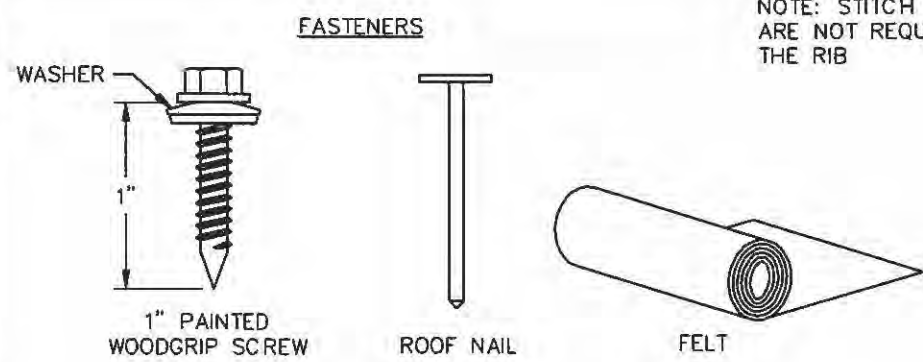
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PROJECT NAME:

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SHEET

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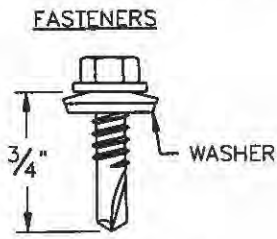


NOTE: STITCH OR LAP SCREWS ARE NOT REQUIRED ALONG THE RIB

ORDER OF INSTALLATION

FACISA CAP 10' LONG
SEE DETAIL TM-E1 & TM-HS1

TOP TRIM 10' LONG
SEE DETAIL TM-E1, TM-R1 & TM-HS1

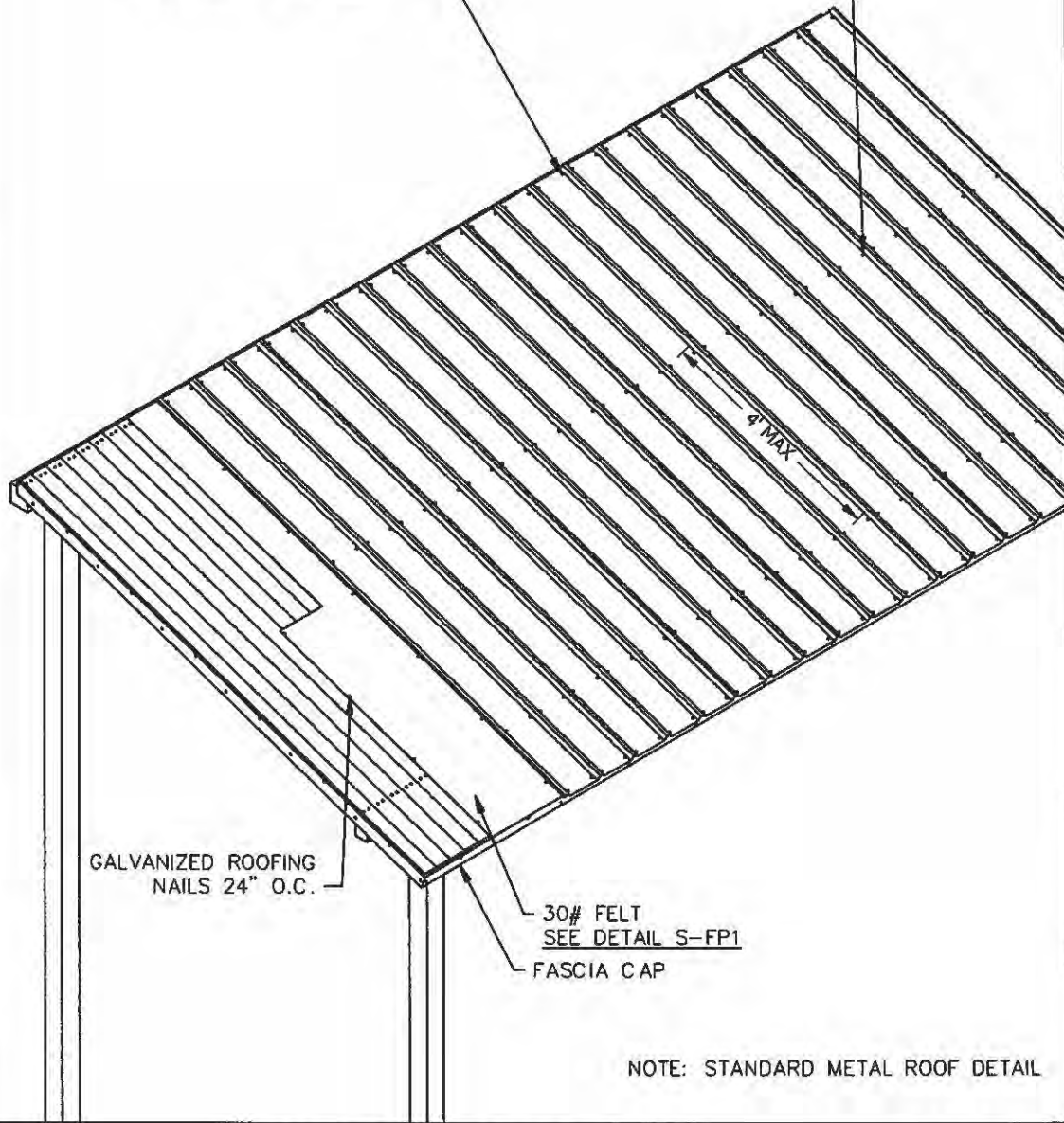


1" PAINTED WOOD GRIP SCREW (1) BETWEEN EACH SIDE OF THE RIB EVERY OTHER RIB SEE DETAIL TM-HS1

1" PAINTED WOOD GRIP SCREW (1) BETWEEN EVERY OTHER RIB (48" O.C. MAX)

TOP TRIM FASTENED W/ (1) 3/4" PAINTED SCREW 12" O.C. SEE DETAILS TM-R1

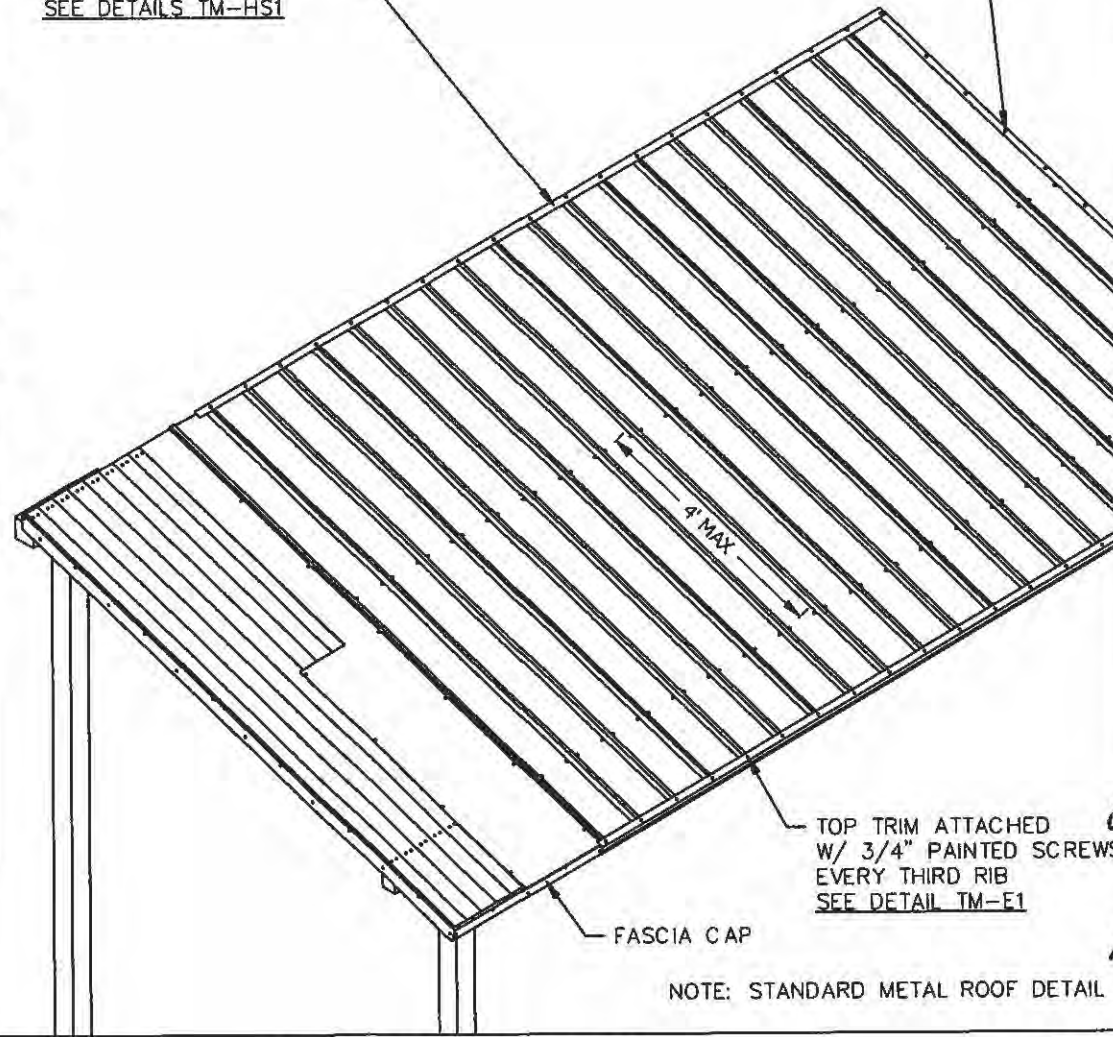
TOP TRIM FASTENED W/ (1) 3/4" PAINTED SCREW EVERY THIRD RIB SEE DETAILS TM-HS1



NOTE: STANDARD METAL ROOF DETAIL

METAL ROOF PANEL LAYOUT

ROOF



NOTE: STANDARD METAL ROOF DETAIL

METAL ROOF TRIM LAYOUT

TRIM



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PROJECT NAME:

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8.2

PRINTED ON : 4/2/2018

INSTALLATION OF FELT PAPER

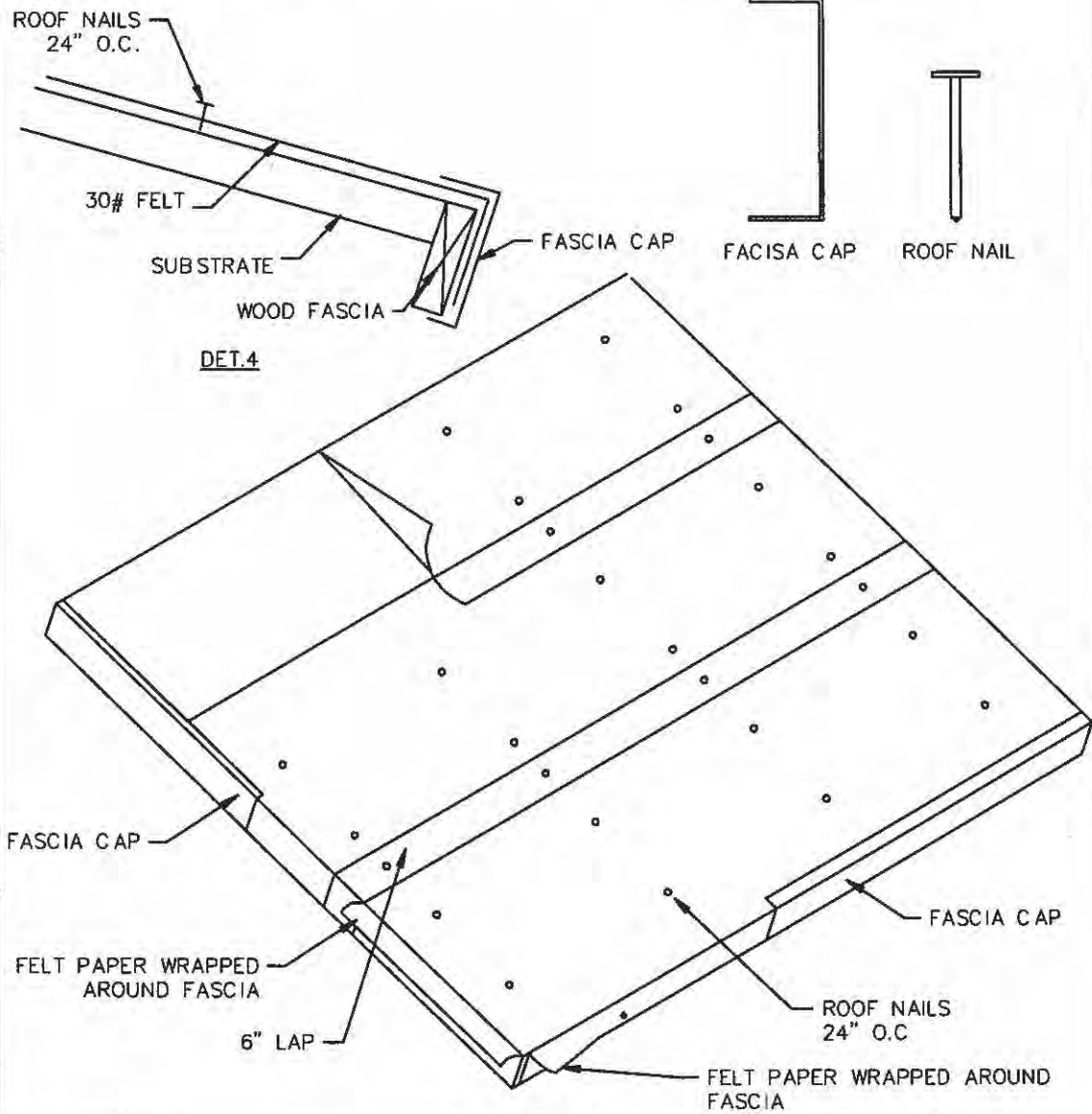
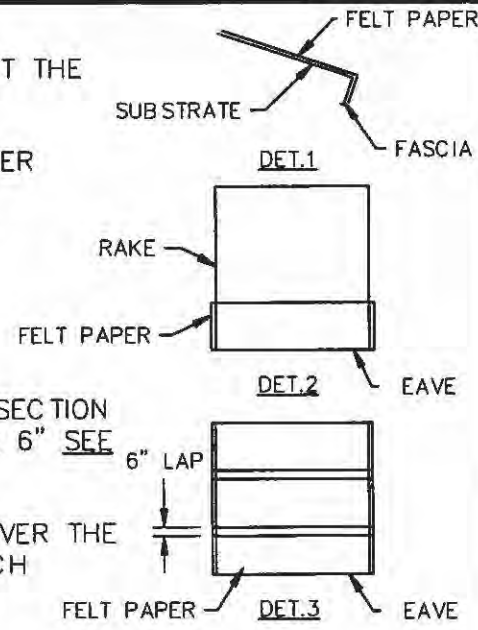
TO START MEASURE EAVE LENGTH AND CUT THE 30# FELT PAPER TO LENGTH + 6"

PLACE FELT ON ROOF AND WRAP THE PAPER OVER THE FASCIA SEE DET.1
ALLOW THE FELT TO LAY OVER THE RAKE SEE DET.2

NAIL FELT DOWN WITH ROOFING NAILS 24" O.C.

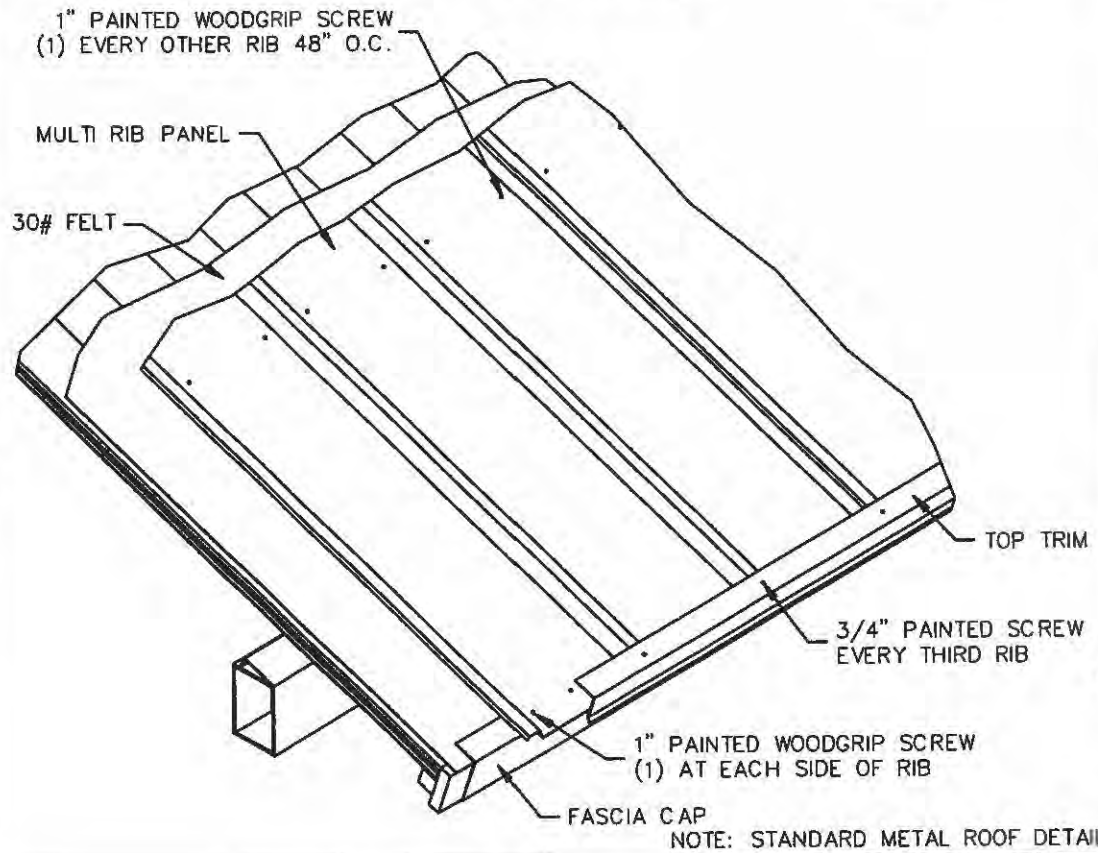
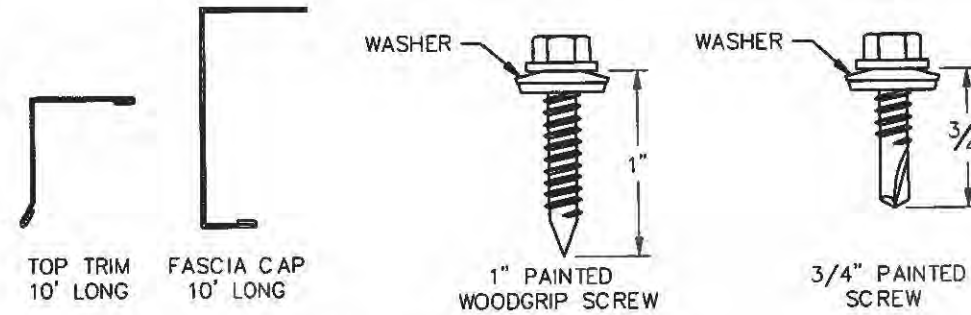
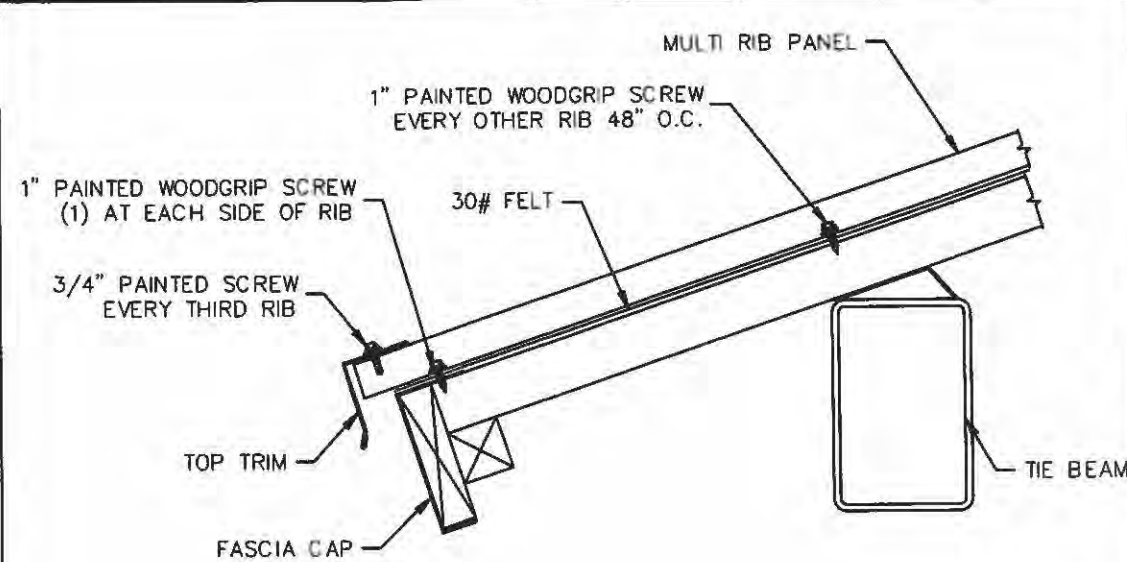
CONTINUE INSTALLING FELT UP THE ROOF SECTION LAPPING THE PREVIOUSLY INSTALLED PIECE 6" SEE DET.3

INSTALL THE FASCIA CAP BY SLIDING IT OVER THE WOOD FASCIA (FASTENERS USED TO ATTACH STARTER TRIM WILL SECURE FASCIA CAP)



FELT PAPER INSTALLATION

S-FP1



METAL ROOF OVER T&G ROOF DECKING

© TIE BEAM

TV-E1

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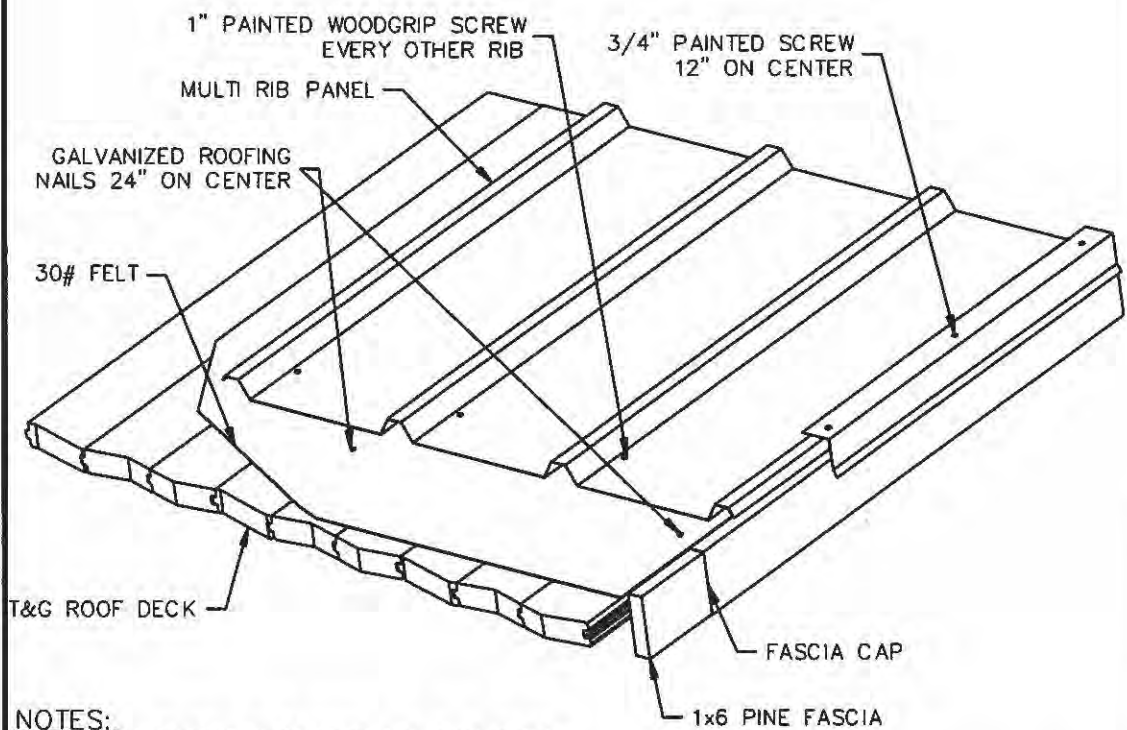
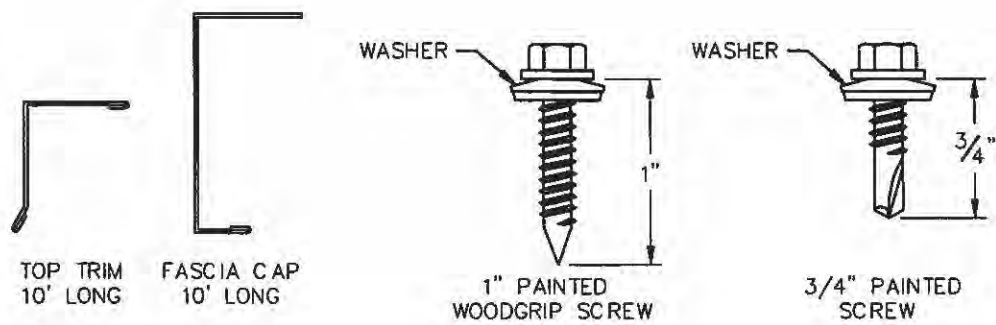
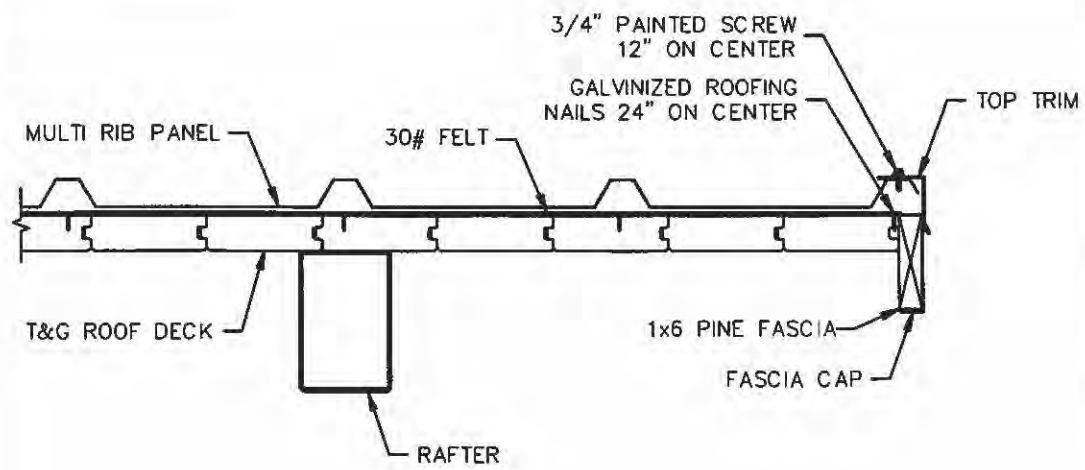
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8.3

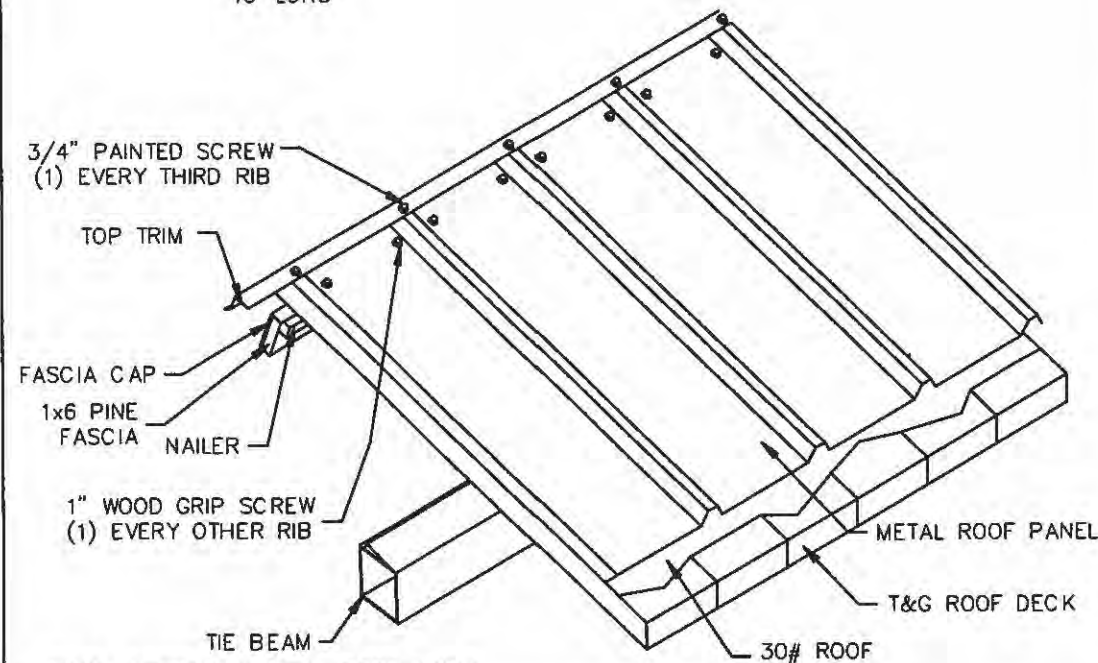
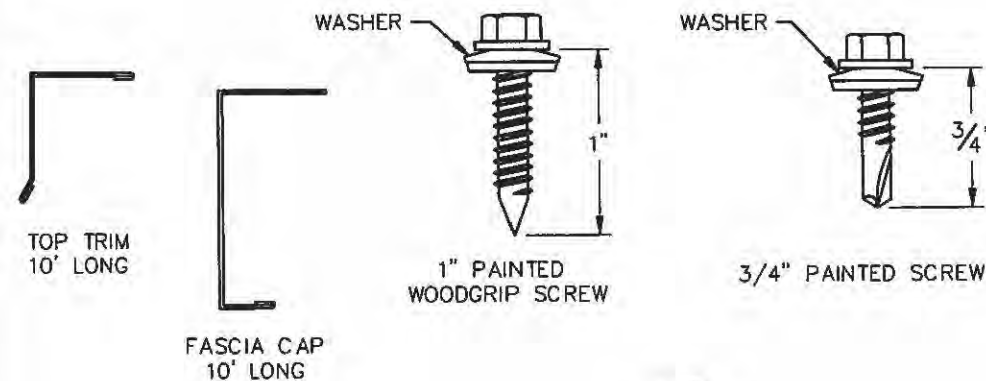
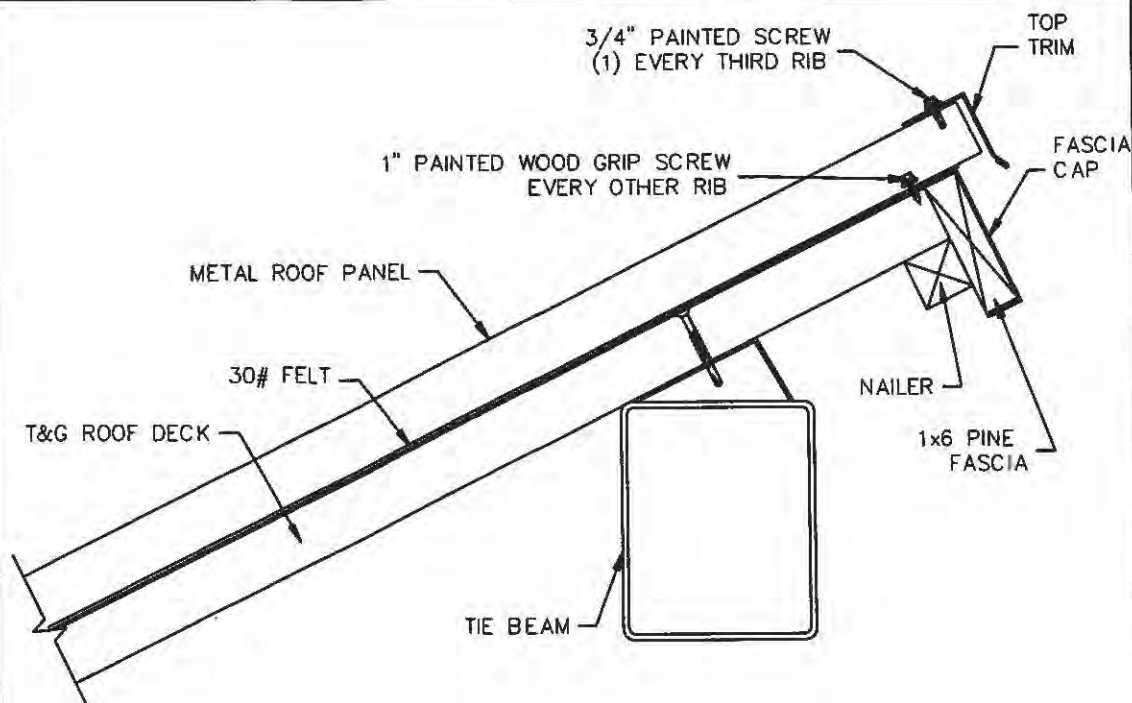


- NOTES:**
1. INSTALL FASCIA CAP OVER 1x6 PINE FASCIA.
 2. INSTALL ROOF FELT OVER FASCIA CAP, USING ROOFING NAILS TO SECURE ROOF FELT AND FASCIA CAP TO T&G ROOF DECK.

NOTE: STANDARD METAL ROOF DETAIL

METAL OVER T&G ROOF DECK CONNECTION DETAIL @ RAKE

TY-R1



NOTE: STANDARD METAL ROOF DETAIL

METAL ROOF EAVE CONNECTION DETAIL

TY-HS1

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8.4