



Department of Purchasing & Contracting  
1300 Commerce Drive, 2<sup>nd</sup> Floor  
Decatur, Georgia 30030  
Fax: (404) 371-7006

**Date: August 16, 2019**

<b><u>Request for Quotation No. 19-3003706</u></b>
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DeKalb County, Georgia is requesting a quotation for the following:

**Frazier Rowe Park -  
Site Preparation, Pavilion Assembly and Installation**

**I. Proposed Term:**

Thirty (30) calendar days

**II. Attachments:**

- A. Scope of Work
- B. Quote Form
- C. Reference Form and Reference Check Release Statement
- D. Bidder Affidavit
- E. Insurance Requirements
- F. Design and Installation Diagram

**III. Payment Terms:**

Net 30

**IV. Federal Work Authorization Program:**

All qualifying contractors and subcontractors performing work with DeKalb County, Georgia must register and participate in the federal work authorization program to verify the work eligibility information of new employees. In order for a Quotation to be considered, it is mandatory that the Bidders Affidavit, Attachment C, be completed with bidder's proposal.

**V. Mandatory Pre-Bid Meeting and Site Visit at the park site on Monday, August 19, 2019 at 1:00 p.m. at Frazier Rowe Park, 2880 LaVista Road, Decatur, GA 30033.**

**VI. Due Date:**

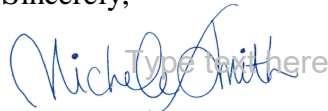
**All questions are due to Michele L. Smith via email at MLsmith1@dekalbcountyga.gov on or before 11:00 a.m. EST on August 20, 2019.**

**Quotes are due on or before 3:00 p.m. EST on August 23, 2019.** Bidder must complete and return the quote form, reference form, bidder affidavit and provide a copy of Bidder's valid business license to DeKalb County by email to the attention of Michele L. Smith or email to MLsmith1@dekalbcountyga.gov.

**All quotes are to be provided on Attachment B, Quote Form.**

Thank you for your interest in doing business with DeKalb County.

Sincerely,

 Type text here

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Michele L. Smith  
Procurement Agent  
Department of Purchasing and Contracting

Attachments

# **ATTACHMENT A**

## **Scope of Work**

### **I. SCOPE OF WORK**

DeKalb County, Georgia (hereinafter referred to as the County) Department of Recreation, Parks and Cultural Affairs (hereinafter referred to as “RPCA”) is requesting a quotation from well-qualified bidders who can submit qualifications and pricing and demonstrate substantial experience in site preparation for a pavilion to be assembled and installed at Frazier Rowe Park which is located at 2880 LaVista Road, Decatur, GA 30033. The County is looking to award a contract to one vendor based on a lump sum cost to perform these services. The vendor must show at least 5 years of experience in the last 10 years in general construction with concrete pads, have a valid Georgia General Contractor license to perform this type of work, and must list three (3) references for at least three (3) projects similar in scope, refer to Attachment C.

The general scope of services required for the project include, but is not necessarily limited to, the following: labor, material, equipment, erosion control, supervision, transportation, and other related services for completing site preparation, connecting sidewalks and the concrete pad and footings. Sod may be needed to replenish damaged areas from the site preparation. RPCA has purchased, and will provide, the 20’x36’ shelter which will be installed once the site is prepped and the slab and connecting sidewalks are installed. The final location of the concrete pad will be staked on site and approved by RPCA before the slab is formed.

The lump sum cost includes all cost incidentals to what is defined within the scope of work and the attachment of the site plan, the specifications for the pavilion from RPCA and the geotechnical report of the existing site. No additional costs will be approved once the contract is awarded. The lump sum cost provided by the responder is a firm, fixed cost which should include all labor, material, transportation, disposal fees, and any other costs associated with the specifications of this RFQ and in the Attachments. Partial bids will not be considered for this RFQ.

There will be a mandatory Pre-Bid meeting to attend on site at the park for any qualified vendors to become familiar with local conditions, which may affect the work to be performed, the equipment, materials, and labor required. No additional allowances shall be made due to the lack of knowledge of the conditions at the site. There will also be a Kick-Off meeting at the start of the project to discuss the project timeline and schedule with the awarded vendor.

RPCA reserves the right to increase or decrease all estimated quantities during the term of this contract or to delete any item or items as it deems appropriate, without affecting the bid pricing or the terms and conditions of the bid.

All materials and debris shall be removed from the premises at the end of each workday and disposed of in an appropriate manner. Upon final completion, the awarded Vendor shall thoroughly clean up all work areas utilized during service.

All services shall be subject to inspection by RPCA during and after performance of service. The work shall either be approved or if the work is unsatisfactory the area shall be re-cleaned at vendor expense. RPCA at its discretion shall have the right to reject unsatisfactory services and require correction prior to payment.

The RPCA reserves the right to withhold payment to such extent as may be necessary to protect the County from loss due to; work required in the specifications, which is defective, incomplete, or not performed and claims filed.

It is agreed and understood that in the short term, if the Vendor fails to perform the work as specified herein, the Department of Recreation, Parks and Cultural Affairs (1) will only pay for the amount of service received as determined by the Parks and Recreation Department with an appropriate downward adjustment in contract price, and/or (2) may have such work completed by Parks and Recreation staff or another vendor.

## **II. PRICING**

The successful bidder will submit a lump sum cost to perform any of the tasks listed within the Quote form within this RFQ.

## **III. LICENSES, PERMITS & TAXES**

The successful bidder shall obtain all required Georgia General Contractor license, permits, or other requirements in order to fully perform the scope of work in this solicitation. The successful bidder is responsible for contacting 811 prior to any digging at any DeKalb site.

## **IV. UTILITY AND FENCE REPAIR**

The successful bidder shall be responsible for a utility locate and to safeguard and repair any damage caused to utility lines and fences during work. If the successful bidder damages utilities and fence due to negligence, the successful bidder is required to pay the full amount of the repair cost.

## **V. WASTE AND TRASH REMOVAL**

Removal of the successful bidder's waste and trash from the site area and transfer to designated waste receptacles will be the sole responsibility of the successful bidder. Should it become necessary for the County to remove waste or trash, the successful bidder will be billed for all costs associated with trash removal. The County's method of removal shall be at the County's discretion.

## **VI. MINIMUM QUALIFICATION REQUIREMENTS**

Bidders must demonstrate the minimum qualifications in order to be considered for award of the proposed agreement. The successful bidder must have a minimum of five (5) years of experience within the last ten (10) years in general construction and in concrete installation. A copy of the bidder's company name, either owned or worked for, phone number, location and website. The successful bidder must also provide three (3) business references, including both previous managers and customers in which similar work was performed.

## **VII. THE PREMISES**

No alterations shall be made or undertaken to the premises without written approval from the Department of Recreation, Parks and Cultural Affairs.

Contractor agrees to accept the premises and all buildings, improvements and equipment thereon in their current, as-is condition without any representation, or warranty of any kind by County.

Contractor shall not use or permit the use of any portion of the premises for the storage, treatment, use, production or disposal of any hazardous substances or hazardous waste other than those which are store or used in accordance with all applicable laws, rules and regulations.

Contractor agrees not to abandon or vacate the Premises without cause.

Contractor shall be responsible for any/all security of equipment and materials in the installation as mentioned in the Scope of Work.

## ATTACHMENT B

### Quote Form

DeKalb County, Georgia is requesting a quotation for the following:

<b><u>Request for Quotation No. 19-3003706</u></b>
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**Frazier Rowe Park -  
Site Preparation, Pavilion Assembly and Installation**

The responder declares that he has carefully examined, RFQ No. 19-3003706, Frazier Rowe Park - Site Preparation, Pavilion Assembly and Installation, the Scope of Work contained, and that he proposes and agrees, that if his quote is accepted, to provide the necessary services and furnish all material and labor specified in this RFQ, or necessary to complete the work in the manner therein specified within the time specified, as therein set forth for the following lump sum amount which sum is hereinafter referred to as "Lump Sum."

**LUMP SUM TOTAL \$** \_\_\_\_\_ **\$** \_\_\_\_\_  
(State amount in writing on this line) (In Figures)

## ATTACHMENT C

### Reference Form and Reference Check Release Statement

List below at least three (3) references, including company name, contract amount, contract period, email address, telephone numbers and project name and contact name of individuals who can verify your experience and ability to perform the similar type of project listed in the solicitation.

Company Name	Contract Amount	Contract Period
Contact Person Name and Title	Telephone Number (include area code)	
Email Address		
Project Name and Description of Work:		

Company Name	Contract Amount	Contract Period
Contact Person Name and Title	Telephone Number (include area code)	
Email Address		
Project Name and Description of Work:		

Company Name	Contract Amount	Contract Period
Contact Person Name and Title	Telephone Number (include area code)	
Email Address		
Project Name and Description of Work:		

### REFERENCE CHECK RELEASE STATEMENT

You are authorized to contact the references provided above for purposes of this RFQ.

Signed \_\_\_\_\_

Title \_\_\_\_\_

(Authorized Signature of Bidder)

Company Name \_\_\_\_\_ Date \_\_\_\_\_

## ATTACHMENT D

### CONTRACTOR AFFIDAVIT

By executing this affidavit, the undersigned verifies its compliance with O.C.G.A. § 13-10-91, as amended, stating affirmatively that the bidder submitting a bid, contractor, firm or corporation which is contracting with DEKALB COUNTY, GA, a political subdivision of the State of Georgia, has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603, in accordance with the applicability provisions and deadlines established in O.C.G.A. § 13-10-91, as amended]. The affiant agrees to continue to use the federal work authorization program throughout the contract period.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with the COUNTY, contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. § 13-10-91, as amended, on the Subcontractor Affidavit form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the COUNTY, within five (5) days from when the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Bidder's Name)

\_\_\_\_\_  
Federal Work Authorization  
Enrollment Date

\_\_\_\_\_  
Title of Authorized Officer or Agent of Bidder

\_\_\_\_\_  
Identification Number

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

\_\_\_\_\_  
Company Name & Address (do not include a post office box)

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE

\_\_\_\_\_, DAY OF \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

## ATTACHMENT E

### INSURANCE REQUIREMENTS

#### **IMPORTANT NOTICE**

#### **IMPORTANT — PLEASE READ CAREFULLY & FOLLOW INSTRUCTIONS LISTED HEREIN**

- I. If the County sends to you notice of Award on this bid, take this form to your insurance agent as this form contains requirements that may be non-standard in the insurance industry.
- II. Instruct your insurance agent that the County's requirements are listed in Section III, and that you *must* comply with these requirements before you may proceed with the work.
- III. Before the starting of any work, the successful contractor must furnish to DeKalb County certificates of insurance from companies doing business in Georgia and acceptable to the County as follows:
  1. Certificates must cover:
    - **Statutory Workers Compensation**
    - **Business Auto Liability Insurance** with a minimum \$500,000 Combined Single Limit/Each Occurrence (Including operation of non-owned, owned, and hired automobiles).
    - **Commercial General Liability Insurance**
      - (1) Each Occurrence - \$1,000,000
      - (2) Fire Damage - \$250,000
      - (3) Medical Expense - \$10,000
      - (4) Personal & Advertising Injury - \$1,000,000
      - (5) General Aggregate - \$2,000,000
      - (6) Products & Completed Operations - \$1,500,000
      - (7) Contractual Liability where applicable
  2. DeKalb County, GA shall be named as Additional Insured under any General Liability, Business Auto and Umbrella Policies using ISO Additional Insured Endorsement forms CG 2010 or its equivalent. Coverage shall apply as Primary and non-contributory with Waiver of Subrogation in favor of DeKalb County, Georgia.
  3. The insurance carrier must have a minimum rating of A or higher as determined by the rating firm A.M. Best.

(Continued)

4. Certificates to contain policy number, policy limits and policy expiration date of all policies issued in accordance with this contract.
5. Certificates to contain the location and operations to which the insurance applies.
6. Certificates to contain successful contractor's protective coverage for any subcontractor's operations. If this coverage is included in General Liability, please indicate on the Certificate of Insurance.
7. Certificates to contain successful contractor's contractual insurance coverage. If this coverage is included in the General Liability, please indicate this on the Certificate of Insurance.
8. Certificates are to be issued, and the successful contractor shall mail insurance documents listed in this form, to:

DeKalb County Department of Purchasing and Contracting  
The Maloof Center  
2<sup>nd</sup> Floor  
1300 Commerce Drive  
Decatur, Georgia 30030

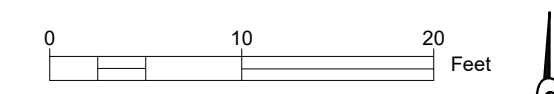
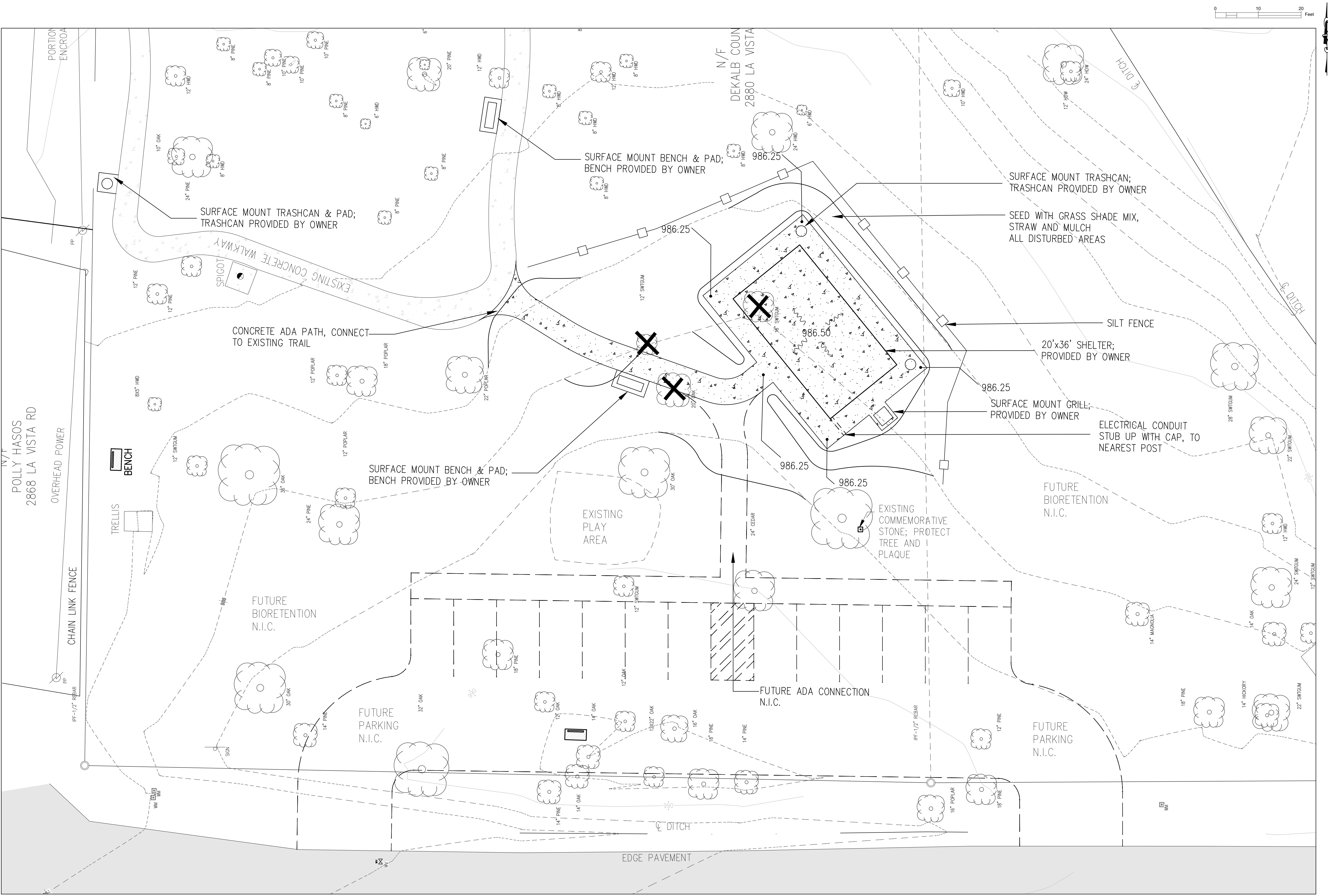
9. The successful contractor shall be wholly responsible for securing certificates of insurance coverage as set forth above from all subcontractors who are engaged in this work.

## **ATTACHMENT F**

### **Site Plan Design and Installation Diagram**

## Frazier – Rowe Park Project

### ATTACHMENT F



GRADING AND LAYOUT PLAN

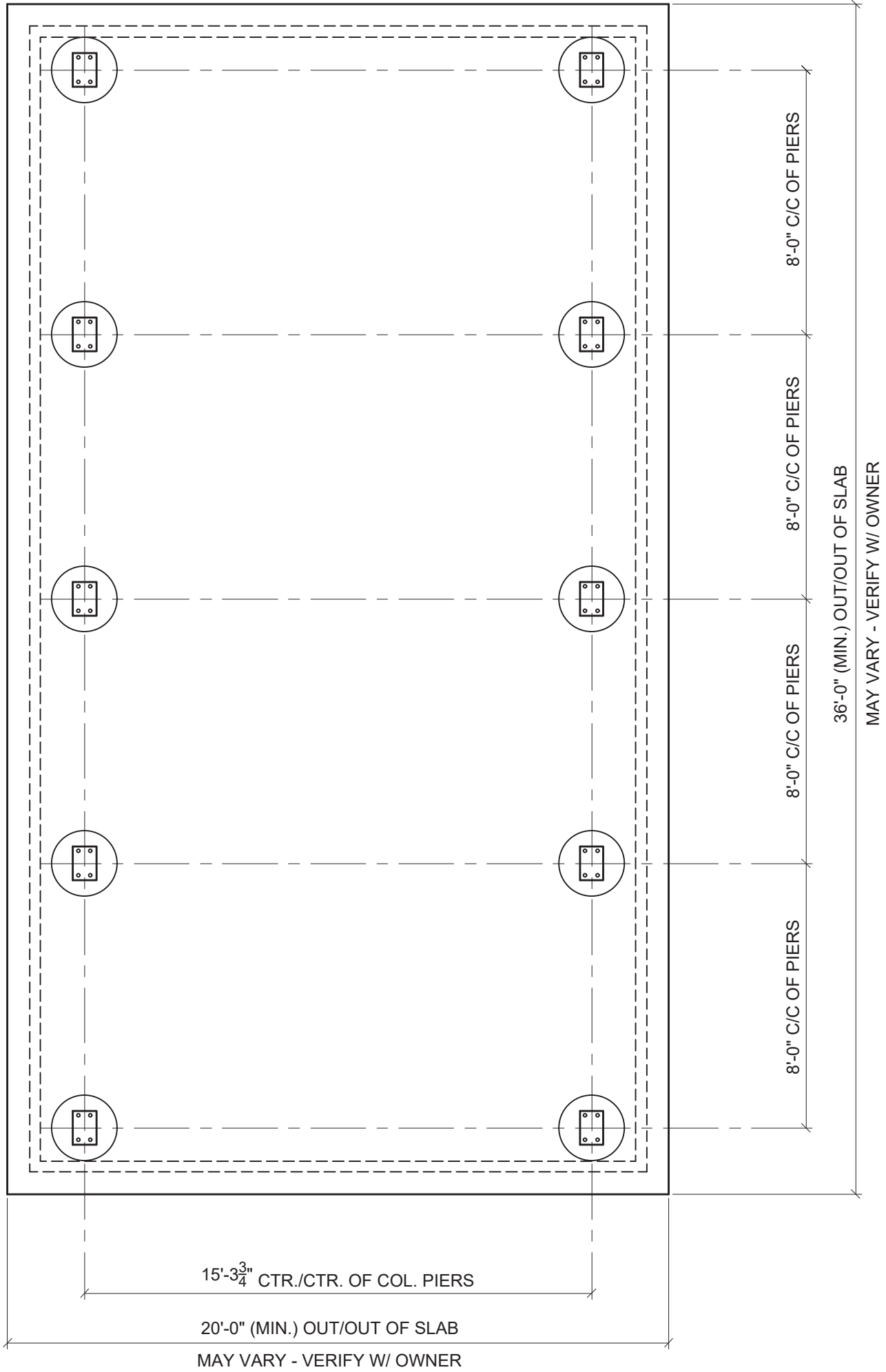
Scale: 1"=10'

SITE PLAN

OFFICE OF  
GREENSPACE, ACQUISITION,  
AND PLANNING  
1950 WEST EXCHANGE PLACE  
SUITE 400  
PHONE (404)-989-7382  
WWW.DEKALBCOUNTYGA.GOV/PARKS



PLAN #	PLAN
DATE:	6/21/2019
DRAWN BY:	DCD
SCALE:	1"=10'

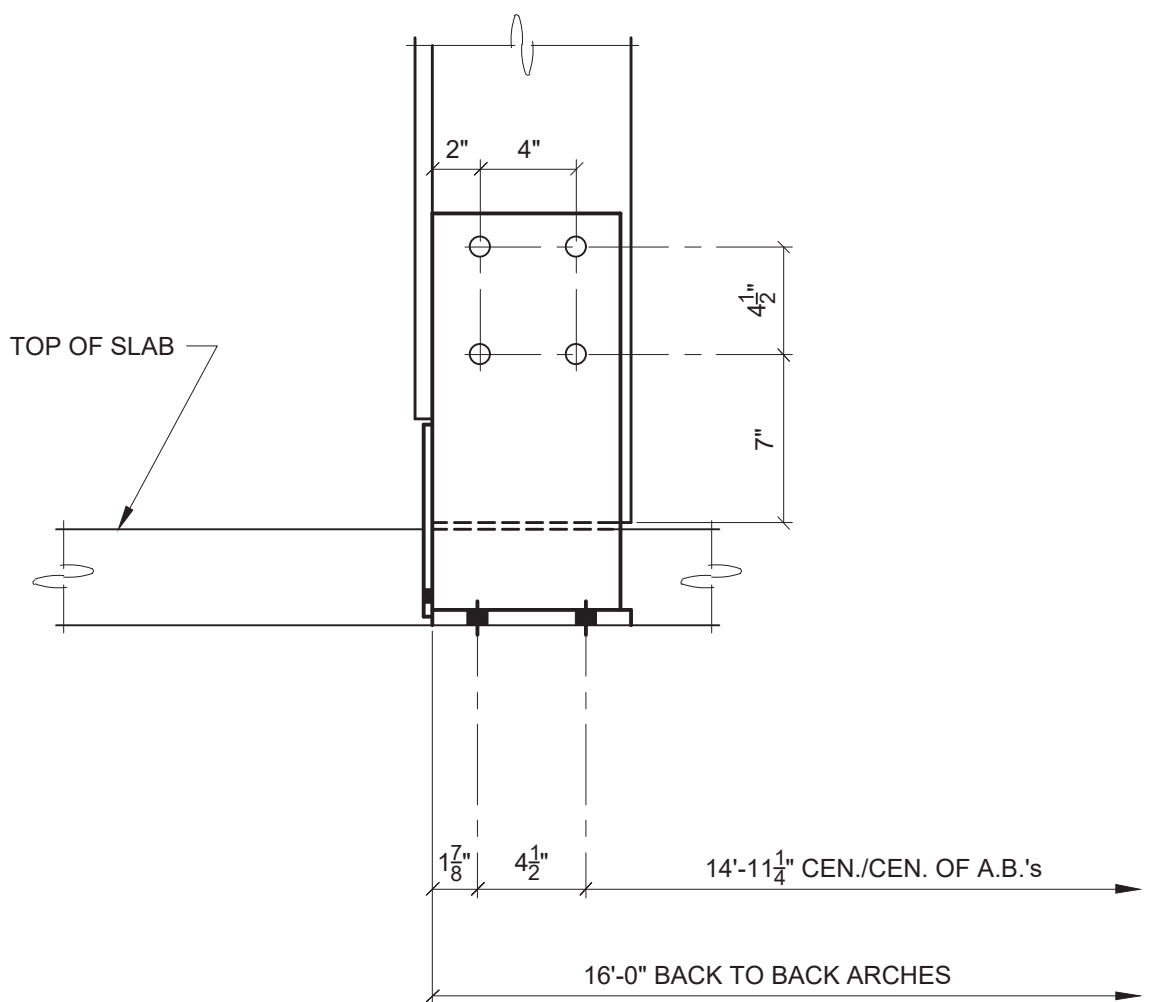


### FOUNDATION PLAN

N.T.S.

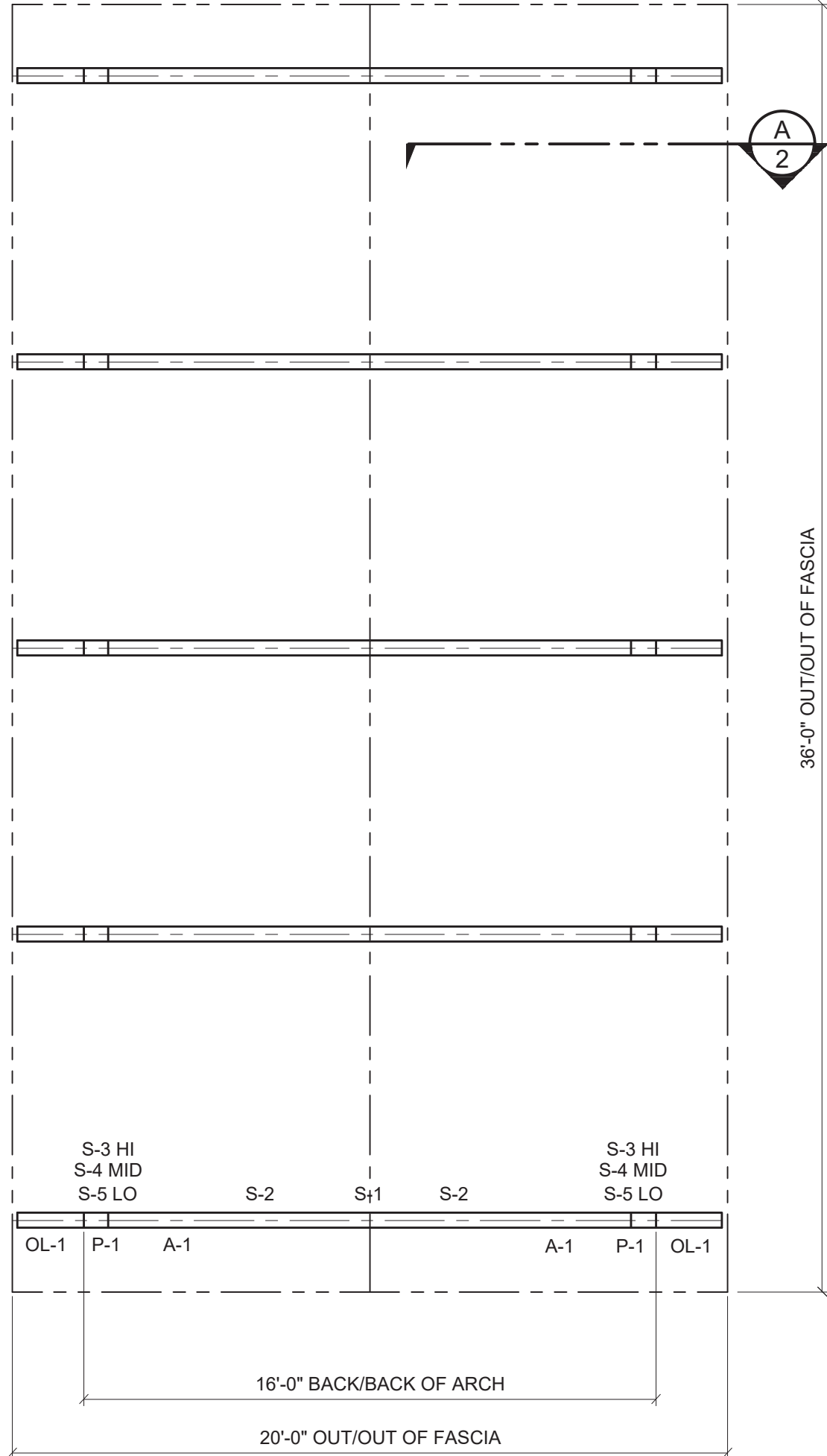
#### NOTE:

CONCRETE SLAB, FOUNDATION, RE-BAR  
AND ANCHOR BOLTS (N.I.C.)



### CONN S-5 10-req'd.

- 1 - MK-1 WELDED SHOE (ARG00005x08B0W.ASSM)
- 4 - 3/4"Ø x 6 1/2" BOLT
- 4 - 3/4"Ø HEX NUT



### ROOF FRAMING PLAN

N.T.S.

**DESIGN CRITERIA:**  
2012 International Building Code w/ GA Amendments  
Type of Construction: Type V-B  
Occupancy Classification: Assembly A-3  
Risk Category II  
Mean Roof Height = 10'-0"  
Building Volume = 7,200 ft³  
No. of Occupants = 48 (15 ft² per person)

**ROOF DL**  
Metal Roofing 0.9 psf  
Underlayment 0.3 psf  
2" Nom. T&G deck 4.6 psf  
Misc. 1.2 psf  
Total = 7.0 psf + weight of framing

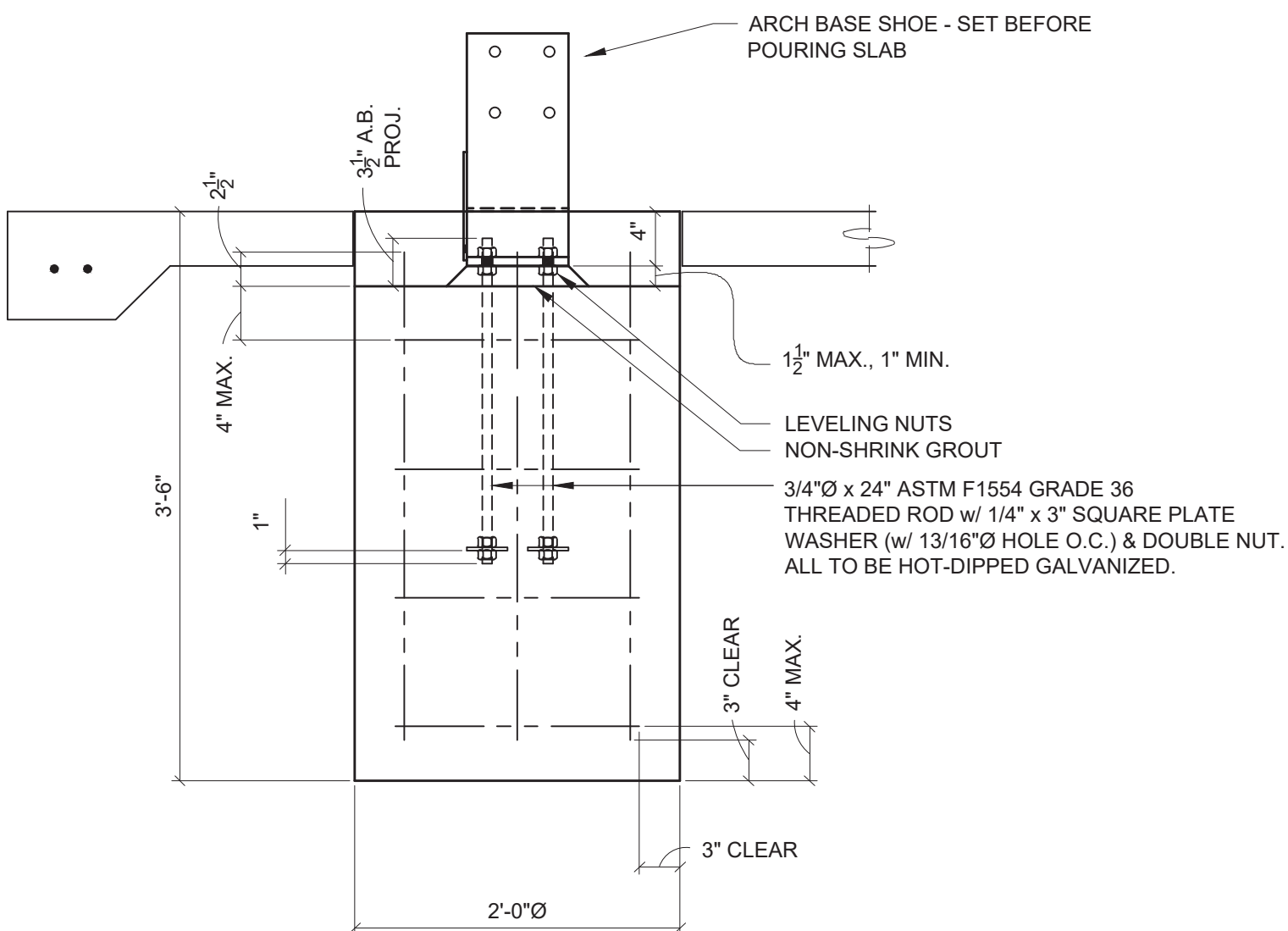
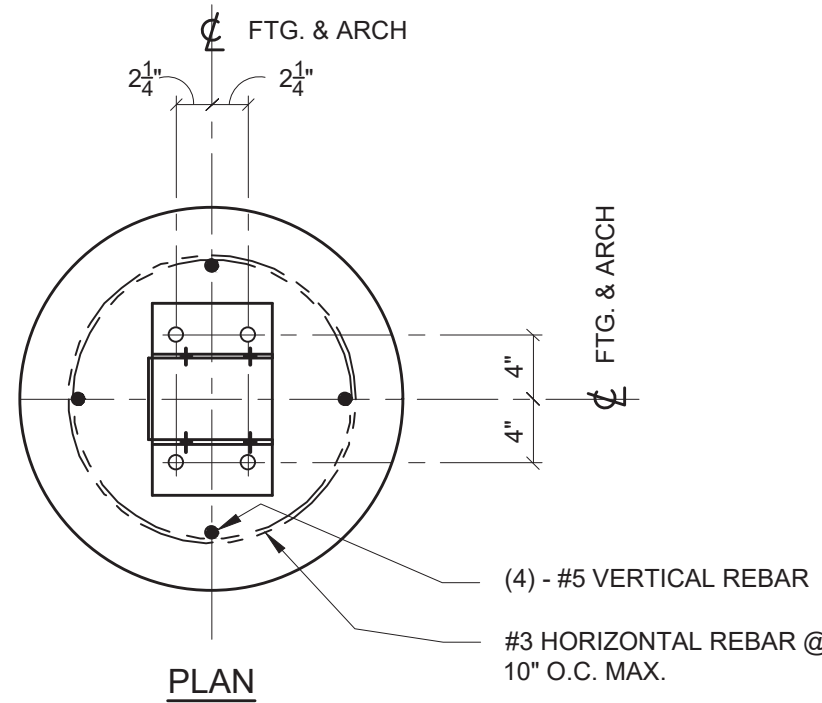
**FLOOR LL**  
L = 100 psf

**ROOF LL**  
L = 20 psf

**ROOF SL**  
P<sub>0</sub> = 5 psf (Ground Snow)

**WIND LOAD**  
V<sub>ult</sub> = 115 mph, V<sub>add</sub> = 89 mph  
Exposure 'C', Open Building w/ GC<sub>0</sub> = 0  
Component & Cladding Ultimate Wind Pressures: See Sheet #4

**SEISMIC**  
I<sub>E</sub> = 1.0  
S<sub>S</sub> = 0.189, S<sub>1</sub> = 0.091  
Site Class D (assumed)  
S<sub>DS</sub> = 0.201, S<sub>1D</sub> = 0.145  
Seismic Design Category C  
Equivalent Lateral Force Procedure  
Timber Arches  
R = 1.5, C<sub>S</sub> = 0.134, V = 1,000#



### FOUNDATION DETAIL

**CONTRACT NOTE:**  
Reference accepted proposal and/or executed contract for identification of items furnished. Any item not specifically included shall be provided by owner, installer or others. Some items are specifically noted as N.I.C. (not in contract).

**LAMINATED WOOD SPECIFICATIONS:**  
SPECIES ----- SOUTHERN PINE  
LAMINATION THICKNESS ----- 1" NOMINAL @ A-1 & 2" NOMINAL @ P-1 & OL-1  
STRESS COMBINATION ----- SEE MEMBER DETAILS  
ADHESIVE ----- RESORCINOL  
APPEARANCE GRADE ----- ARCHITECTURAL  
FINISH ----- STAIN & SEAL  
PROTECTION ----- INDIVIDUAL WRAP  
PRESERVATIVE TREATMENT - CCA 0.25 PCF (MIN) RETENTION PRIOR TO GLUING  
HARDWARE ----- PER DETAILS & LIST

**SOLID TIMBER SPECIFICATIONS**  
2 x 4 Nailer ----- #1 SYP, S4S, KD, Seal & Stain; color = Natural 716  
2 x 6 Fascia ----- #1 SYP, S4S, KD, PENTA TYPE C 0.3 pcf, Seal & Stain; color = Natural 716  
2 x 8 Roof Deck ----- #1 SYP, T&G, S/L, CM, EV1S, KD, Seal & Stain; color = Natural 716  
Deck furnished in specified lengths (S/L), not precision end trimmed (PET), field cutting required.

**ROOF UNDERLAYMENT SPECIFICATIONS:**  
1 LAYER OF HYDRASHELL MAX WITH 4" HEAD LAP.  
ATTACH UNDERLAYMENT PER MANUFACTURER'S RECOMMENDATIONS  
OR BUILDING CODE REQUIREMENTS, WHICHEVER IS MORE STRINGENT.

**WOOD SHOP NOTES:**  
1. Materials, Manufacture and Quality Control of glulam shall be in conformance with, "American National Standard for Wood Products-Structural Glued Laminated Timber ANSI/AITC A190.1-2007".  
2. Members shall be marked (in an unseen location) with an AITC or APA/EWS Quality Mark and, in addition, an AITC or APA/EWS Certificate of Conformance shall be provided to indicate conformance with "ANSI/AITC A190.1-2007".  
3. All holes in wood to be 13/16"Ø unless noted otherwise.  
4. All counterbores to be 2 1/4"Ø unless noted otherwise.  
5. ▲ denotes edges to be chamfered for welds.

**STEEL & HARDWARE SHOP NOTES:**  
1. All steel plate to be ASTM A572 Grade 50.  
2. All welding is to be done in accordance with latest AWS standards. If welds are not specified, all welds are to develop full strength of all component parts.  
3. All bolts to be ASTM A307A. Exception: Anchor bolts as noted.  
4. All nuts to be ASTM A563A.  
5. All lags to conform to ANSI/ASME Standard B18.2.1-2010.  
6. All holes in steel to be 13/16"Ø unless noted otherwise.  
7. All fabricated steel to be 14-gal Dipped Galvanized.  
8. Hardware (bolts, nuts, washers, etc.) to be hot-dipped galvanized (HDG). Shop to verify hole tolerances and tolerances of threaded parts for compatibility of the galvanized parts only.  
9. All shear plates are to meet manufacturing standards as specified in the 2012 edition of the National Design Specifications for Wood Construction.  
10. All shear plates to be shop attached.

**CONCRETE NOTES:**  
1. Remove all organic material and topsoil from slab area. Verify suitability of subgrade. Footings are to bear on undisturbed, natural soil or engineered fill. Both are to be compacted to 95% Proctor density.  
2. Prepare slab with min. 8" compacted sand, gravel, or crushed rock.  
3. Concrete slab to be 4" thick. Reinforce slab with 6x6-w1.4xw1.4 welded wire fabric at mid-depth. Lap splices 8". Alt.: Fiber mesh admixture (min. 1.5#/c.y., fibrillated polypropylene).  
4. Edge of slab to be thickened to min. 8" deep x 8" wide reinforced with 2-#4 continuous rebars. Lap splices min. 24".  
5. In locations subject to frost, install isolation joint, max. 1/8" wide, around column piers using diamond or circular layout. Wire mesh shall be interrupted at isolation joints.  
6. Install crack control joints (3/16" wide x 1" deep) at 8' to 12' o.c.  
7. Concrete slabs in open areas are to be sloped for drainage from center to edge and away from columns. Surface is to be lightly broomed or have a wood troweled finish.  
8. Concrete slabs in enclosed areas are to have positive drainage to floor drains and have a troweled finish.  
9. Concrete slab, foundation, re-bar, wire mesh, leveling nuts, grout & anchor bolts (if required) are N.I.C.  
10. All concrete reinforcing steel to be grade 60, deformed bars.  
11. F<sub>c</sub> of concrete to be 3000 psi @ 28 days.  
12. All concrete work to be in accordance w/ latest ACI code.  
13. Assumed allowable soil bearing pressures: 2500 psf vertical bearing (Per Matrix Report #2), 100 pcf passive lateral bearing (Presumed). It is the Owner's responsibility to verify that the allowable soil bearing values at the site meet or exceed these assumed values. If the actual values are lower than the assumed values, the foundations must be redesigned (N.I.C.).  
14. Leveling nuts have been shown under arch base plate. Adjust leveling nuts as required to ensure all arch bases are at the same elevation. Fill void between arch base plate and top of foundation with non-shrink grout.  
15. Reinforcement shall be securely held in place while placing concrete. If required, additional bars, stirrups or chairs shall be provided to furnish support for bars.

**ERECTION NOTES:**  
All wood members must be properly braced until the complete structural system has been constructed. Correction of minor misfits and a reasonable amount of reaming or alignment with drift pins will be considered a legitimate expense of erection.

In the event of error, defect in materials, and/or workmanship of shop work which prevents proper assembling and fitting up of parts by the moderate use of drift pins, or reaming, immediately report to the seller and obtain seller's approval of the method of correction.

Bolts through slotted holes in steel are to be left finger tight only to allow for future movement. Other bolts are to be snug tight. Torque measurement is not required.

**NOTE:** This building has been designed as a free standing, open structure. If walls are to be added, or if the building is to adjoin another structure, or if other modifications are to be made, the structure must be re-engineered prior to these modifications (by others).

### DESIGN CERTIFICATION FOR:

BUILDING SIZE: 20' x 36'  
BUILDING LOCATION: DECATUR, GA

THIS CERTIFICATION OF DRAWINGS IS FOR THE ONE BUILDING ONLY AT THE SITE LISTED ABOVE. IT IS VALID ONLY IF THE MATERIALS SHOWN ON THESE DRAWINGS ARE FURNISHED BY RCP SHELTERS, INC. AND ONLY IF MATERIALS ARE PAID FOR IN FULL.

IF MODIFICATION IS MADE WITHOUT EXPRESSED WRITTEN CONSENT OF RCP SHELTERS, INC., OR IF PAYMENT IS NOT MADE IN FULL, THEN CERTIFICATION BECOMES NULL & VOID.

Enterprise Engineering Consultants, LTD.  
710 French Street  
Peshigo, WI 54157



6/19/2019

**RCP SHELTERS, INC.**  
2100 SE RAYS WAY, STUART, FL 34994  
PO BOX 25, STUART, FL 34995 - 0025

■ SHELTERS ■ PAVILIONS ■ CONCESSIONS ■ KIOSKS ■ FABRIC SHADE  
■ RESTROOMS ■ BANDSHELLS ■ MINI-SHELTERS ■ DUGOUTS ■ FABRIC SAIL

Phone 800 - 525 - 0207  
Fax 772 - 288 - 0207  
E-mail - info@rcpselters.com  
www.rcpselters.com



PROJ. NO.:  
**19-096-A**

DRAWN: KRR 6-19-19

CHK'D:

REV 1: TJE 6-19-19

REV 2:

REV 3:

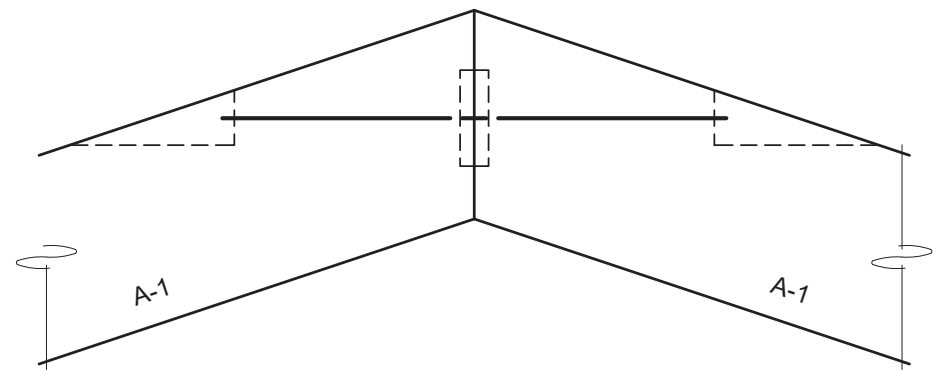
REV 4:

SHOP DWG NO.: SH 8789 R

EEC JOB NO.: 13081 R

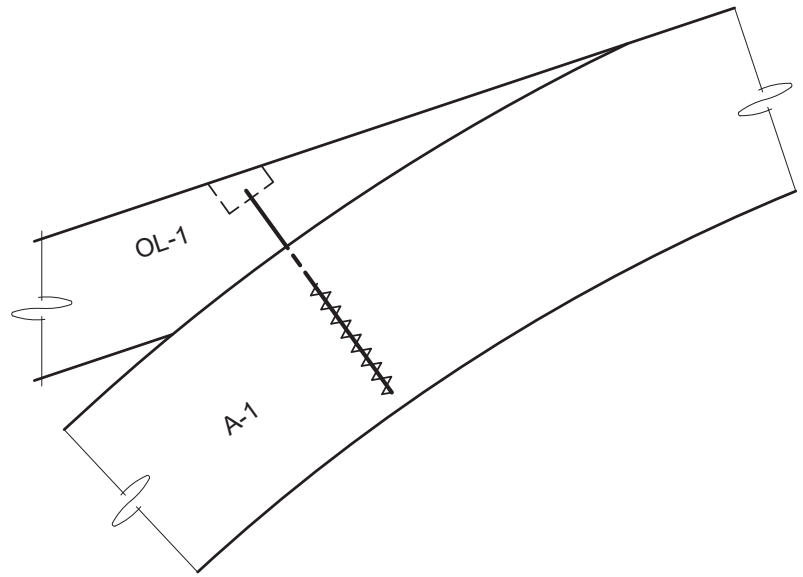
SHEET NO.:

1 OF 3



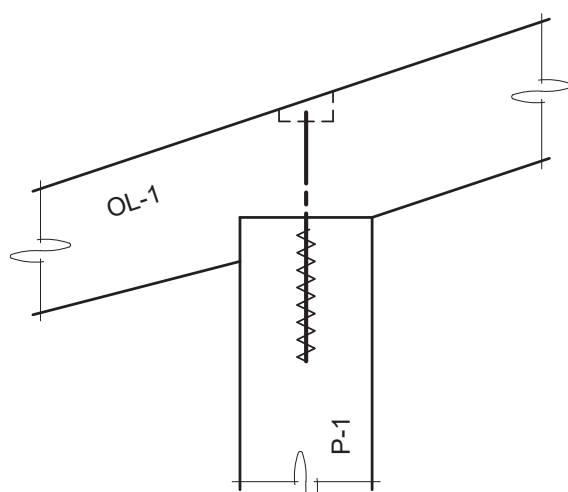
CONN S-1 5-req'd.

- 1- 3/4"Ø x 22" BOLT
- 2- 4"Ø SHEAR PLATE
- 2- 3/4"Ø WASHER
- 1- 3/4"Ø HEX NUT



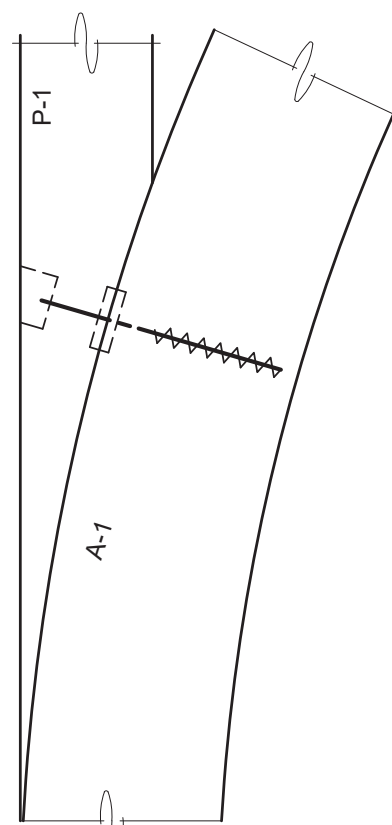
CONN S-2 10-req'd.

- 1- 3/4"Ø x 10" LAG
- 1- 3/4"Ø WASHER



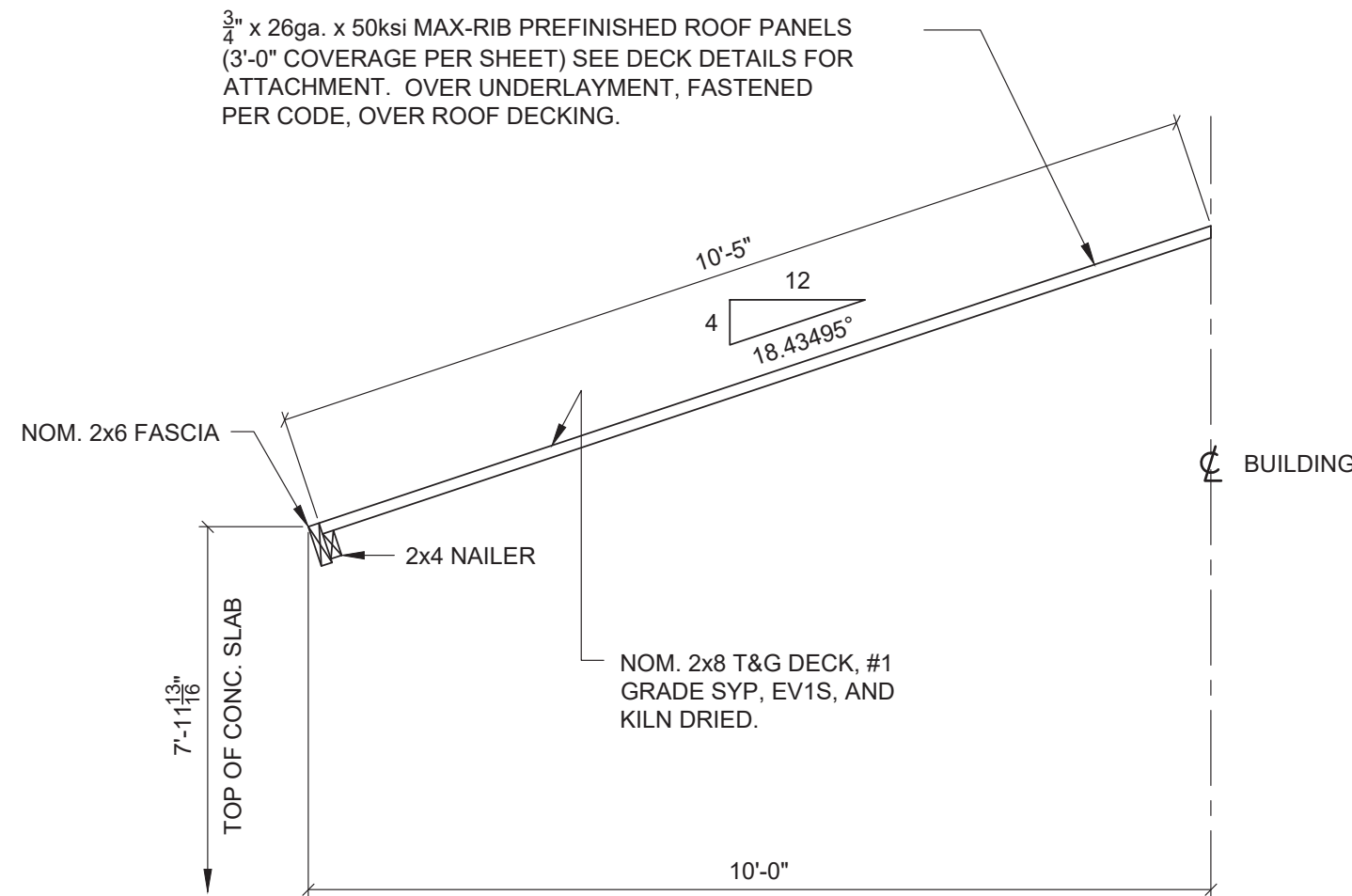
CONN S-3 10-req'd.

- 1- 3/4"Ø x 10" LAG
- 1- 3/4"Ø WASHER



CONN S-4 10-req'd.

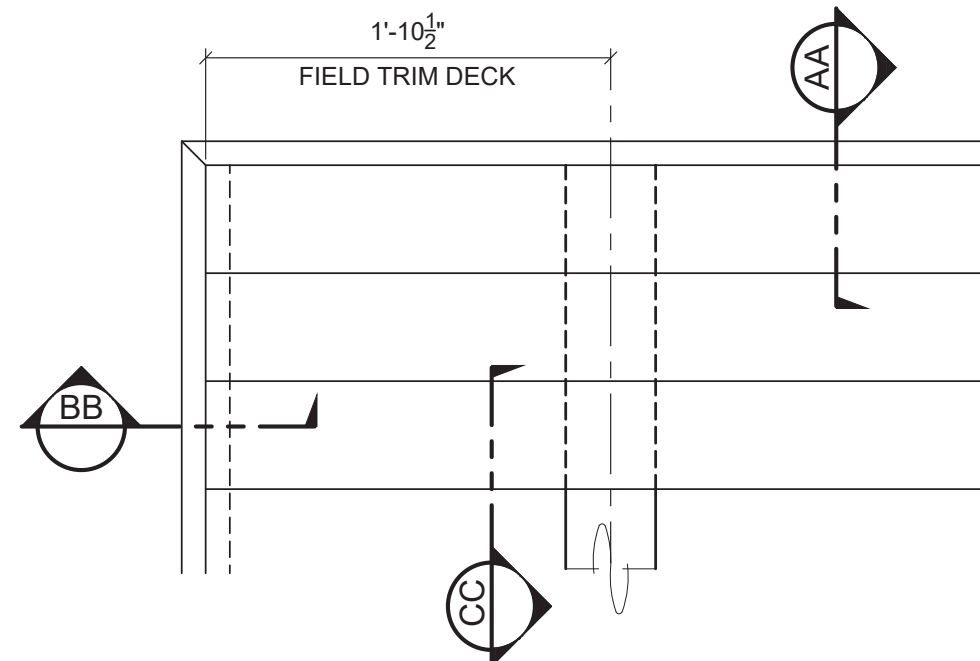
- 1- 3/4"Ø x 10" LAG
- 2- 2 5/8"Ø SHEAR PLATE
- 1- 3/4"Ø WASHER



SECTION A  
2

### TYPICAL DECK LAY-UP

1. START LAYING DECK AT EAVE W/ TONGUES UP.
2. DRIVE COURSES TIGHT W/ BLOCKING.
3. TOE NAIL & FACE NAIL AT EACH SUPPORT (ARCHES) USING 16d COMMON NAILS.
4. SNAP CHALK LINE AT BUILDING RAKE & CUT DECKING STRAIGHT AND SQUARE.
5. DECKING IS FURNISHED IN SPECIFIED LENGTHS, ALTERNATE COURSES 10'16\"/>



DECK PLAN AT CORNERS

### FASCIA NOTES:

1. ALL FASCIA CORNERS AND SPLICES ARE TO BE MITERED.
2. SEE DETAILS A & B FOR SPLICE DETAILS.
3. ATTACH FASCIA WITH 10d HDG CASING NAILS:
  - a. TO 2x4 NAILER - 24" O.C.
  - b. TO BEAM ENDS - 3 NAILS PER FASCIA
  - c. TO ENDS OF ROOF DECKING - 1 NAIL PER DECK BOARD
  - d. AT CORNERS - 2 NAILS EACH DIRECTION
  - e. OTHER LOCATIONS - 24" O.C. TO ROOF DECKING

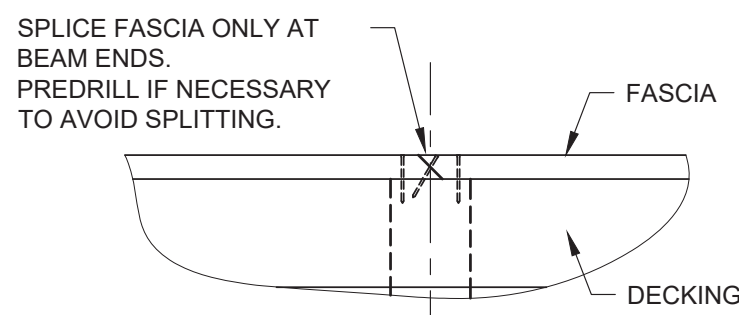
### 2 x 4 NAILER

- A. MITER ALL SPLICES
- B. NAIL SPLICES TOGETHER WITH (2) 10d HDG CASING NAILS, DRIVE NAILS AT AN ANGLE TO AVOID PUNCHING THRU FASCIA.

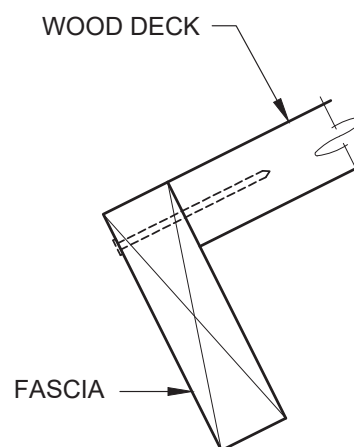
### FASCIA LAY-UP

- AT EAVE 12\"/>

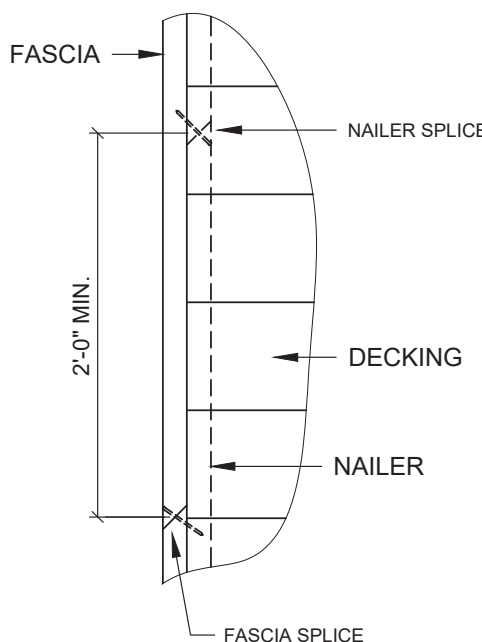
HARDWARE PARTS LIST				
Q.ANTITY	LOOSE OR ATTACH	HARDWARE DESCRIPTION	PART NO.	REMARKS
30	L	3/4"Ø x 10" LAG	HLG 075 1000	
40	L	3/4"Ø x 6 1/2" BOLT	H307G 075 0650	
5	L	3/4"Ø x 22" BOLT	H307G 075 2200	
45	L	3/4"Ø HEX NUT	HN307G 075-10	
40	L	3/4"Ø WASHER	FWG 075	
20	L	2 5/8"Ø SHEAR PLATE	SPG-2.625	
10	L	4"Ø SHEAR PLATE	SPG-4.00	
-	L	10d HDG CASING NAIL	-	N.I.C., HDG
-	L	16d SINKER NAIL	-	N.I.C.
-	L	16d COMMON NAIL	-	N.I.C.
40	L	3/4"Ø x 24" (F1554 GR. 36) THREADED ROD	-	N.I.C., HDG
40	L	1/4" x 3" SQ. WASHER	-	N.I.C., HDG
160	L	3/4"Ø HEX NUT A563A (ANCHOR & LEVELING)	-	N.I.C., HDG



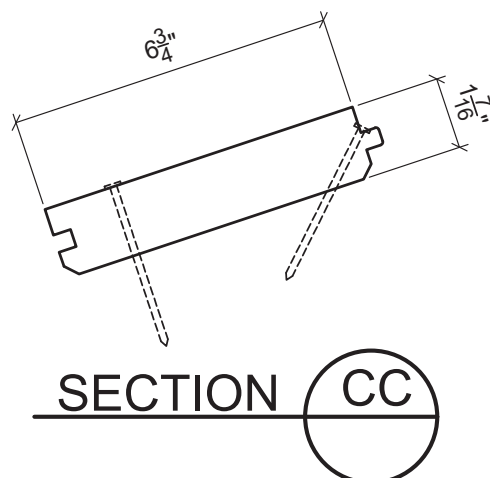
DETAIL A



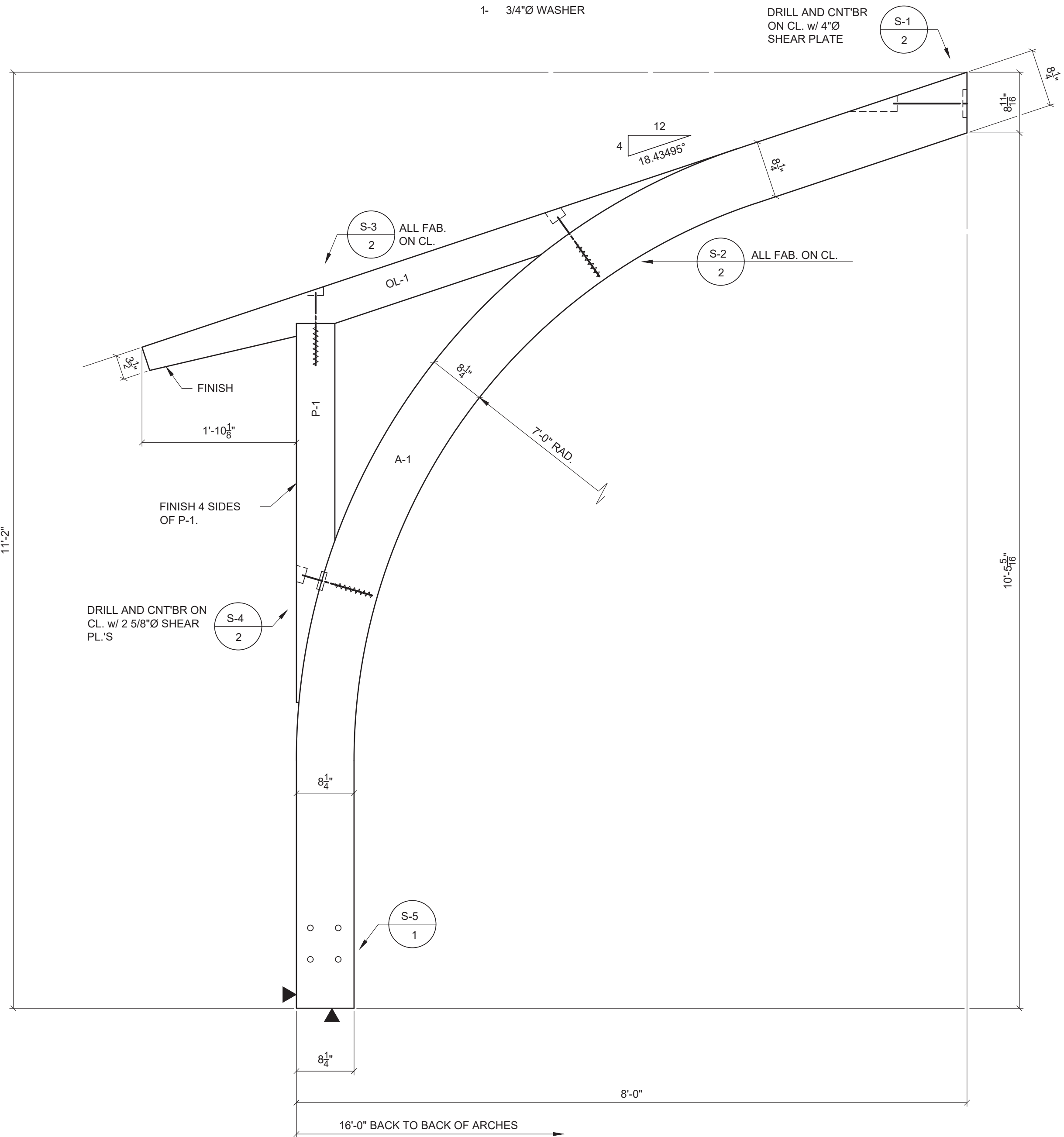
SECTION AA



SECTION BB



SECTION CC



ARCH A-1 5" x 8 1/4" 10-req'd.

TREATED 24F-V5

OUTLOOKER OL-1 5" x 5 1/2" 10-req'd.

TREATED 48 (1:10)

POST P-1 5" x 5 1/2" 10-req'd.

TREATED 48 (1:10)

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19-096-A

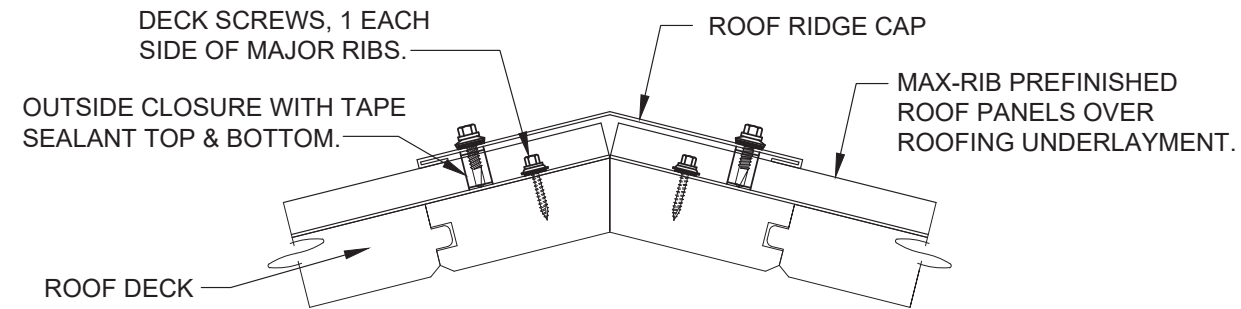
DRAWN: KRR 6-19-19  
CHKD:

Enterprise Engineering Consultants, LTD.  
710 French Street  
Peshigo, WI 54157

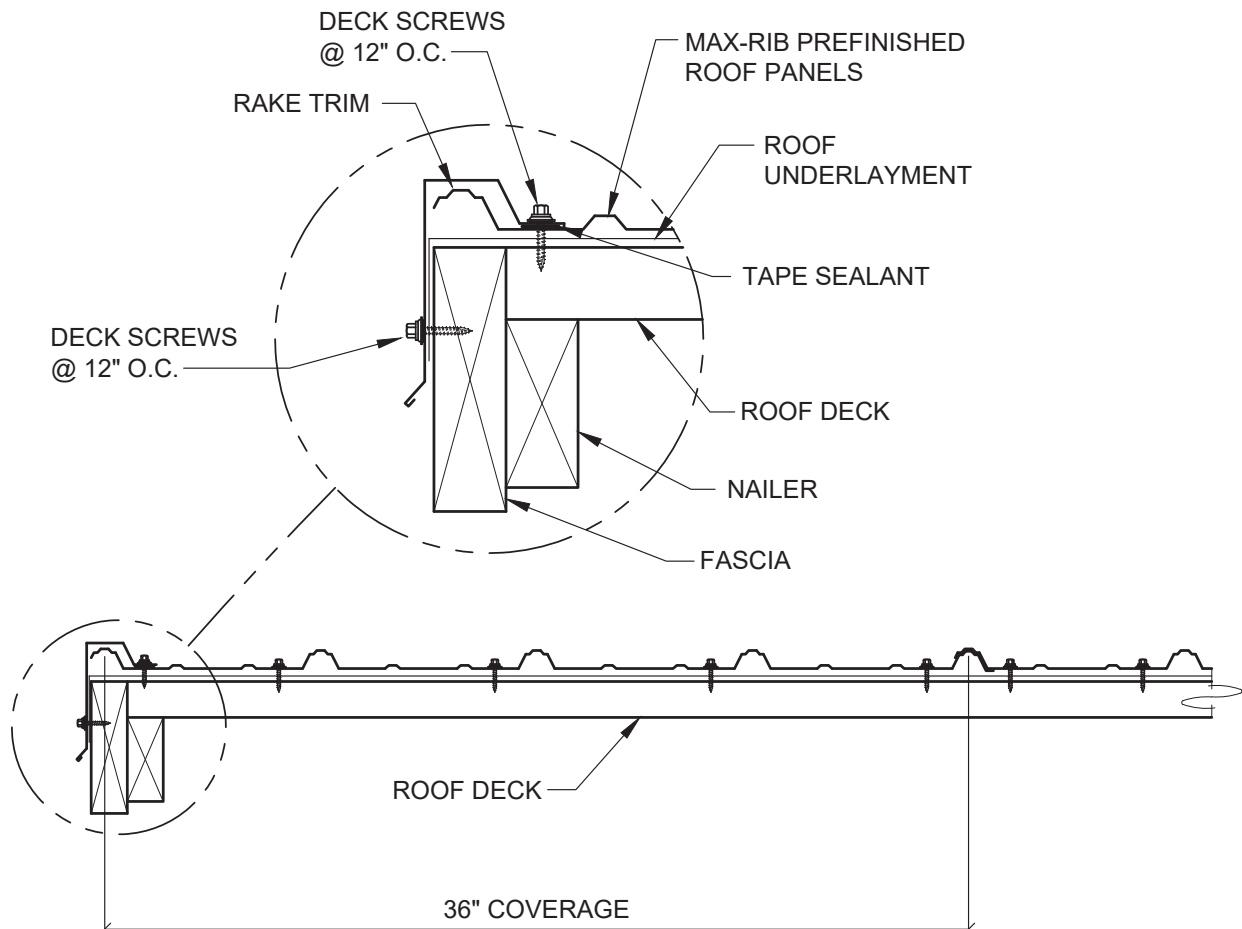


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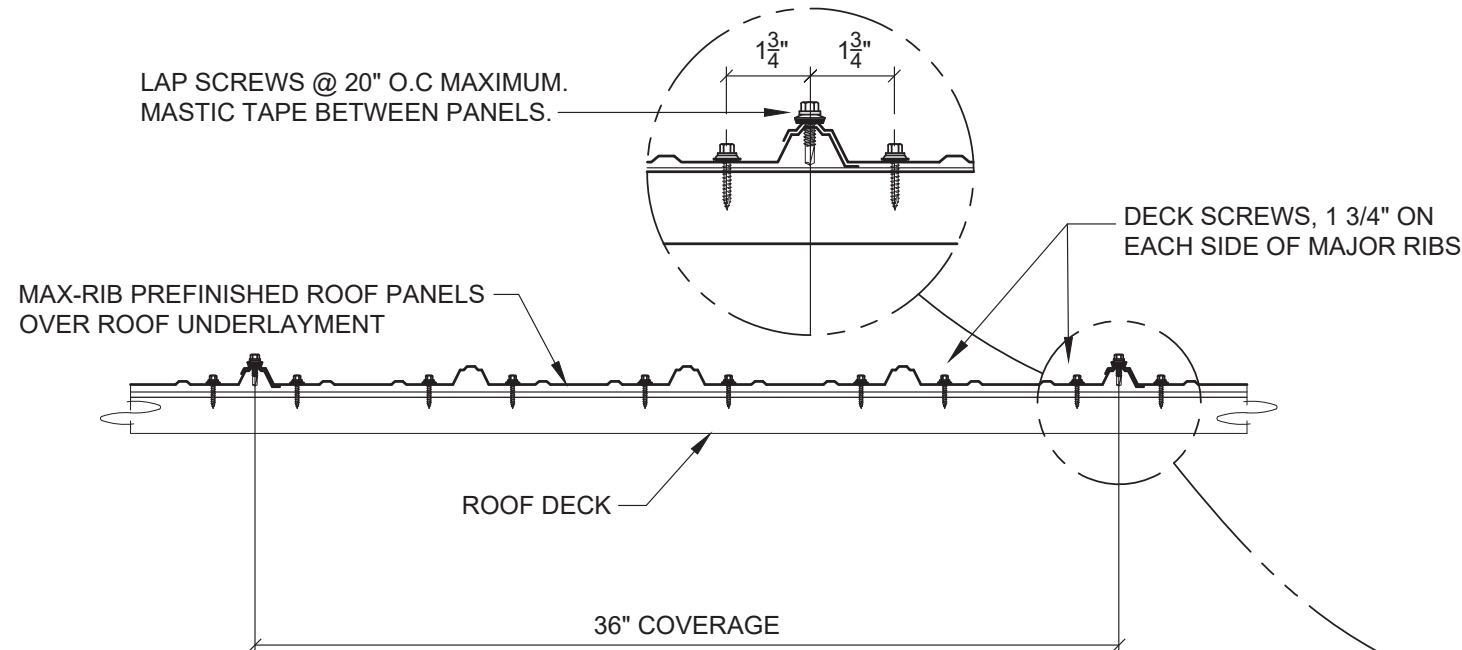
REV 1: TJE 6-19-19  
REV 2:  
REV 3:  
REV 4:  
SHOP DWG NO.: SH 8789 R  
EEC JOB NO.: 13081 R  
SHEET NO.:



DECK DETAIL @ RIDGE

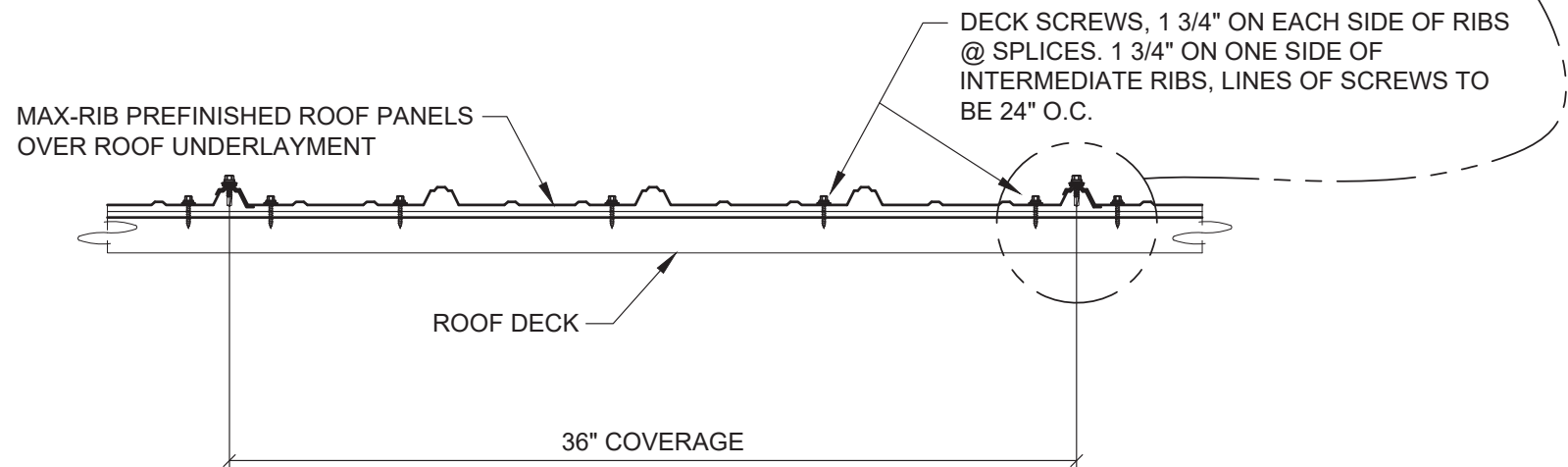


SECTION THRU ROOFING PANEL @ RAKE



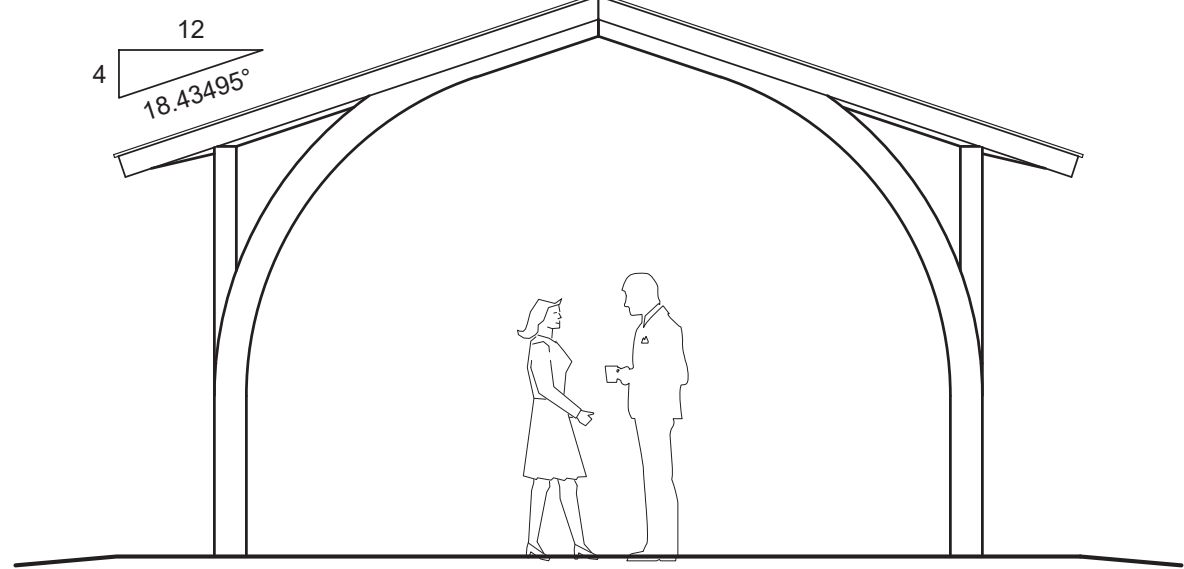
SECTION THRU ROOFING PANEL @ EAVE

(METAL DECK ATTACHMENT ALONG RIDGE IS SAME AS AT THIS SECTION)

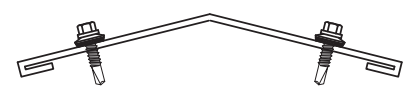


SECTION THRU ROOFING PANEL @ INTERIOR

$\frac{3}{4}$ " x 26ga. x 50ksi MAX-RIB PREFINISHED ROOF PANELS  
 $\frac{4}{4}$ " (3'-0" COVERAGE PER SHEET) SEE DECK DETAILS FOR ATTACHMENT. OVER UNDERLAYMENT, FASTENED PER CODE, OVER ROOF DECKING.



END ELEVATION

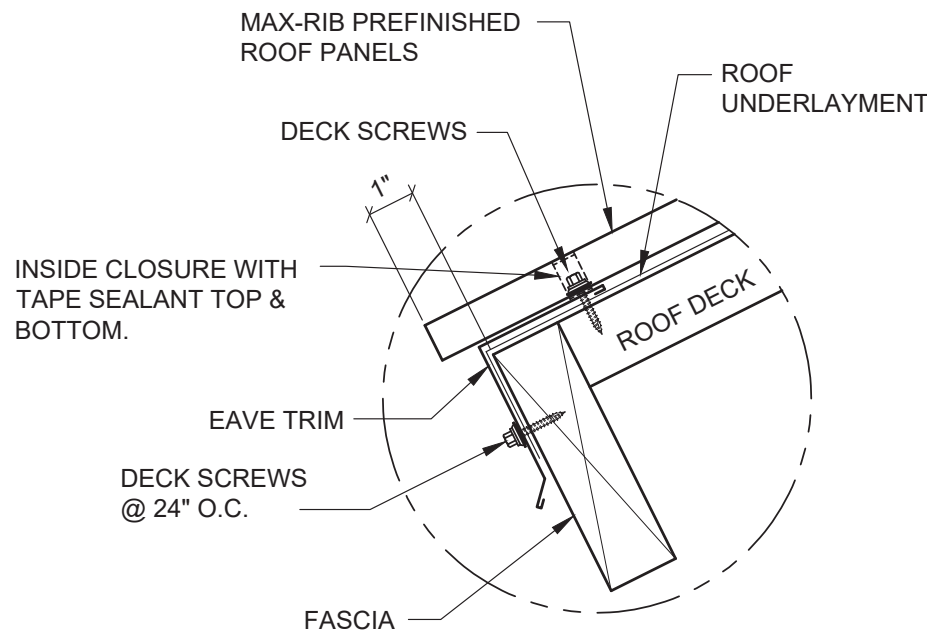


9" RIDGE CAP

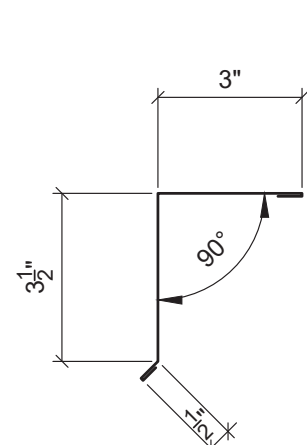
40 LN. FT. REQUIRED

INSTALLATION:  
FASTEN RIDGE CAP TO EACH ROOFING PANEL AT HIGH RIB. (1) LAP SCREW PER RIB, PER SIDE.

THE ACTUAL ROOF PITCH MAY VARY FROM THESE GENERAL DETAILS.

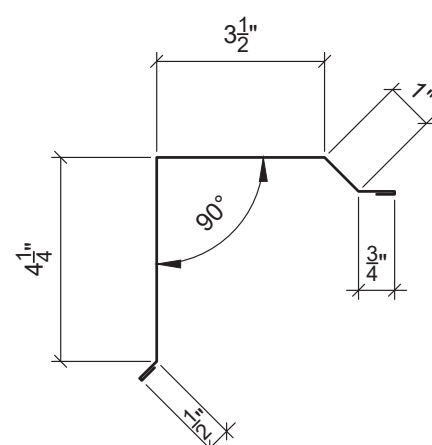


EAVE DETAIL



EAVE TRIM

80 LN. FT. REQUIRED



RAKE TRIM

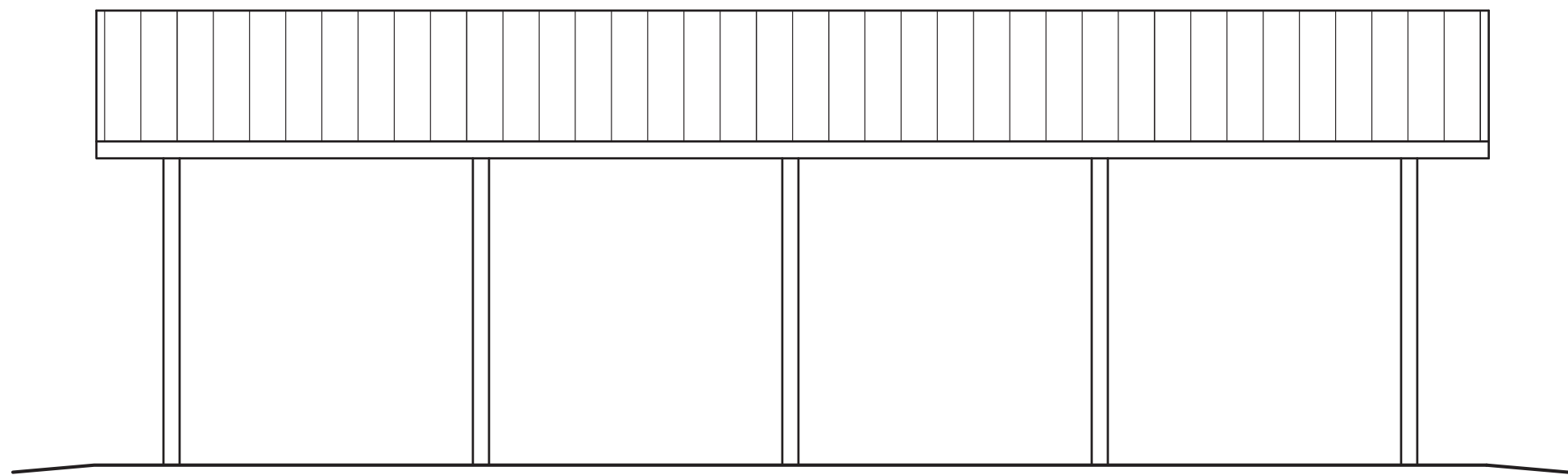
48 LN. FT. REQUIRED

METAL ROOFING NOTES:

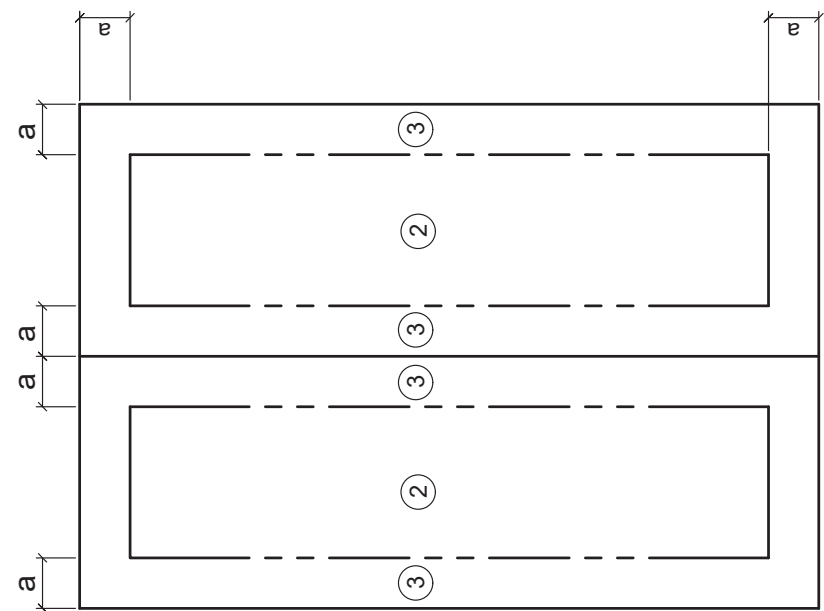
CLEAR PROTECTIVE FILM MUST BE REMOVED FROM ALL METAL PRIOR TO INSTALLATION.

METAL ROOFING SHOULD BE STORED INDOORS OR WHEN STORED OUTSIDE IT SHOULD BE STORED UP ON BLOCKS WITH FINISHED FACE UP AND SLOPED TO DRAIN.

DURING INSTALLATION, ALL METAL SHAVINGS MUST BE REMOVED IMMEDIATELY TO AVOID RUSTING OF PANELS.



SIDE ELEVATION



ROOF PLAN

a = 3.0'

ULTIMATE PRESSURES  
FOR COMPONENTS & CLADDING

ZONE	PRESSURE	SUCTION
2	37 PSF	34 PSF
3	48 PSF	44 PSF

UNLOADING, HANDLING, & STORAGE OF GLU-LAM & DECKING

LAMINATED MEMBERS ARE WRAPPED FOR PROTECTION IN TRANSIT. THE ERECTOR IS RESPONSIBLE FOR PROTECTION OF MATERIALS AT ALL TIMES AFTER ARRIVAL AT DESTINATION. IF STORED TEMPORARILY, MEMBERS SHOULD BE PLACED ON BLOCKS & LEVELED, WELL OFF OF THE GROUND & SEPARATED WITH WOOD STRIPS SO THAT AIR CAN CIRCULATE AROUND EACH MEMBER. COVER THE TOP & SIDES WITH MOISTURE RESISTANT PAPER OR OPAQUE PLASTIC. USE NON-MARRING SLINGS WHEN HANDLING. ROOF COVERING SHOULD BE APPLIED SOON AFTER ERECTION. PROTECTIVE WRAPPING SHOULD REMAIN ON THE MEMBERS UNTIL DECK HAS BEEN INSTALLED & ROOFING APPLIED. HOWEVER, IF THE PAPER HAS BEEN TORN OR PARTIALLY REMOVED DURING STORAGE OR ERECTION, IT SHOULD BE REPLACED OR ENTIRELY REMOVED TO PREVENT DISCOLORATION OF LAM MEMBERS BY SUNLIGHT.

LAMINATED MEMBERS RECEIVE ONE FACTORY APPLIED COAT OF CLEAR WOOD SEALER. (FACTORY STAIN IS OPTIONAL AT EXTRA COST). IF THEY SHOULD BECOME WET DURING SHIPMENT OR INSTALLATION, OR IF THEY ARE CLEANED IN ANY WAY, THESE LAMINATED MEMBERS SHOULD BE UNIFORMLY RESEALED BEFORE ADDITIONAL STAINING OR FINISHING IS DONE IN THE FIELD.

DECKING WILL BE DELIVERED IN BANDED BUNDLES, WEIGHING APPROXIMATELY ONE TON. BUNDLES SHOULD REMAIN BANDED UNTIL DECK IS TO BE INSTALLED. A FORKLIFT OR SMALL CRANE WILL BE REQUIRED FOR UNLOADING. BE SURE TO USE NON-MARRING SLINGS. IF STORED TEMPORARILY, DECK SHOULD BE PLACED ON BLOCKS & LEVELED, WELL OFF OF THE GROUND. IF WOOD DECKING IS WET &/OR STAINED, CONTACT FIFTHROOM MARKETS AND DO NOT INSTALL DECK.

IT IS THE ERECTOR'S RESPONSIBILITY TO TALLY THE DECKING UPON ARRIVAL. NOTIFY MANUFACTURER AT ONCE OF ANY SHORTAGES.

SELF-DRILLING SCREW SPECIFICATIONS:

DECK SCREW = 9-15x1 WOODGRIP HWH SHARP POINT  
LAP SCREW = 1/4-14x7/8 IMPAX LAP, 5/16" HEX HEAD

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REV 3:

REV 4:

SHOP DWG NO.: SH 8789 R

EEC JOB NO.: 13081 R

SHEET NO.:

3 OF 3

Enterprise Engineering Consultants, LTD.  
710 French Street  
Peshigo, WI 54157



6/19/2019



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## FOUNDATIONS

Matrix Report # 2

**Project Name:** Frazier Rowe Park (GEOTECHNICAL)

**Date:** 5/30/2019 **Day:** Thursday

**Project No:** 291087.208

**Weather:** Sunny

**Representative:** Sam Alyateem, PE

**Temperature:** 70 - 90°

**General Contractor:** N/A

**Evaluation Type:** Foundations

**Rainfall Amount:** 0 inch

**Location:** Proposed Shelter Structure at Frazier Rowe Park

---

As requested, Matrix Engineering Group, Inc. (Matrix) completed the soil testing at the Frazier Rowe Park. The soil testing included performing a total of four (4) soil test borings at the proposed area planned for a picnic Shelter. The objective of the testing was to explore the subsurface conditions, determine the soil's bearing capacity, and provide recommendations for the foundations of the proposed structure. Refer to Figure 1 attached for the approximate test locations.

Based on the plans provided, it is our understanding that the structure will be approximately 20 feet wide and 28 feet long and supported on a monolithic type slab on grade and foundation. The roof will be supported by two rows of columns anchored into concrete piers extending 3.5 feet below the top of the slab. The design requires an allowable soil bearing capacity of 1,500 pounds per square foot (psf).

### **Subsurface Conditions:**

Based on the soil test borings, a topsoil layer ranging between 4 inches to 7 inches was encountered. Beneath the topsoil layer a sandy silt and silty sand layer with some roots was encountered up to approximately 2 feet below the existing surface. The soil then changed to silty sands with some rock fragments up to the termination depth of approximately 5 feet below the surface. The soil consistency was firm sandy silts and medium dense silty sand with blow counts ranging between a minimum of 16 blows per increment to greater than 20 blows per increment. Refer to the attached test report (Report No. 1 prepared by Matrix) for detailed subsurface information. No groundwater was encountered at any of the test borings.

### **Recommendations:**

Based on our site reconnaissance and soil test borings, we provide the following opinions and recommendations for the foundations and slab-on-grade construction:

1. The site is suitable for construction of the proposed shelter.
2. Topsoil was encountered at the test locations and ranged between 4 inches to 7 inches in thickness. Additionally, large trees with roots systems may be encountered during the grading and may require treatment. Topsoil and roots, if encountered should be excavated and replaced with suitable materials.
3. The allowable soil bearing capacity exceeds the minimum requirements of 1,500 psf. An allowable soil bearing capacity of 2,500 can be used if there are substantial savings in the construction cost.
4. The finished floor elevations are not provided at the time of writing this report, therefore, cut and fill depths could not be determined. Based on the existing topography, cut and fill on the order of 2 to 4 feet may be required to achieve the final grades for the slab. Therefore, we recommend that any fill to consist of suitable soils free of organics and rock fragments exceeding 2 inches in nominal size. Structural fill should be placed in accordance with the following criterion:

Suitable fill material should be placed in thin lifts (lift thickness depends on type of equipment used, but general lifts of 8 inches loose measurements are recommended). The soils should be compacted by mechanical means such as sheepsfoot rollers. Any proposed slopes should incorporate only suitable fill, clean of organics or any other vegetative content. We recommend that the fill be compacted to a minimum of 98% of the Standard Proctor Maximum Dry Density (ASTM Specifications D 698).

We recommend that Matrix verify the bearing capacity of the foundations once exposed and determine if additional measures are required prior to pouring the concrete.

Sam Alyateem  
**Prepared By**

  
**Reviewed By**

Respectfully submitted  
MATRIX ENGINEERING GROUP, INC.





Matrix  
Engineering  
Group, Inc.

engineers | special inspectors | construction consultants

4358 Chamblee Tucker Rd, Ste 3 - Tucker, GA 30084  
Tel. (770) 448-3124, Fax (770) 448-5324

## FIELD INSPECTION REPORT

Matrix Report # 1

**Project:** Frazier Rowe Park (GEOTECHNICAL)

**Client:** DeKalb County

**Project Number:** 291087.208

**Date:** 5/30/2019

**Area/Location Inspected:** Borings @ Frazier Rowe Park

## DETAILS & FINDINGS OF INSPECTION

### ☒ FOUNDATIONS

The bearing capacity was evaluated for the excavated footings, at the above referenced location. The test results and findings were conveyed to a Matrix Engineering registered geotechnical engineer for approval.

☒ Dynamic Cone Penetrometer (ASTM STP399) was used

☐ Random Probing was used

***The excavated foundations were found to:***

☒ Have the minimum required Bearing Capacity of **1500** PSF

☐ Require further remedial action in order to meet the minimum bearing capacity requirements. Refer to the remarks below.

**IMPORTANT:** The excavated foundations should not be exposed to the weather elements. Such exposure will likely soften the bearing soils. If concrete placement is delayed, the foundations should be covered adequately and protected until pour time. When such delays occur, Matrix Engineering Group should reinspect the foundations.

### REMARKS

Prepared By: Nathan Armour

Respectfully submitted  
MATRIX ENGINEERING GROUP, INC.



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Engineering  
Group, Inc.

engineers | special inspectors | construction consultants

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## DYNAMIC CONE PENETROMETER TEST RESULTS (ASTM STP399\*)

**Project:** Frazier Rowe Park (GEOTECHNICAL)

**Client:** DeKalb County

**Contractor:** -

**Bearing Capacity:** 1500 PSF

**Project Number:** 291087.208

**Date:** 5/30/2019

**Inspector:** Nathan Armour

Test Boring No. B1			Test Boring No. B2		
Depth (inch)	Blow Count	Description	Depth (inch)	Blow Count	Description
0	13	"6" of topsoil, tree roots	0	20+	"7" in of topsoil, unsuitables (glass, roots)
12	19	"6"-12" Reddish Brown Sandy Silt w/traces of clay	12	17	"7"-12" Reddish Brown Sandy Silt w/traces of clay
24	18	Reddish Brown Sandy Silt w/traces of clay	24	15	Reddish Brown Sandy Silt w/traces of clay, roots
36	17	Reddish Brown Sandy Silt w/traces of clay, quartz	36	16	Reddish Brown Sandy Silt, rock fragments
48	18	Reddish Brown Silt w/traces of clay	48	20+	Reddish Brown Sandy Silt, rock fragments
60	19	Reddish Brown Silt w/traces of clay	60	AR	Auger Refusal @ 52 in.

Test Boring No. B3			Test Boring No. B4		
Depth (inch)	Blow Count	Description	Depth (inch)	Blow Count	Description
0	17	"4" in of topsoil	0	20+	"5" in of topsoil
12	18	Reddish Brown Silty Sand	12	16	Reddish Brown Silty Sand, tree roots
24	16	Reddish Brown Silty Sand	24	17	Reddish Brown Silty Sand, rock fragments
36	16	Reddish Brown Silty Sand w/rock fragments	36	16	Dark Brown Sand, kids and small quartz
48	18	Reddish Brown Silty Sand w/rock fragments,MNO	48	AR	Auger Refusal @ 43 in.
60	AR	Auger Refusal @ 55 in.			

Test Boring No.			Test Boring No.		
Depth (inch)	Blow Count	Description	Depth (inch)	Blow Count	Description

\*The portable cone penetrometer device utilizes a 15-lb steel ring weight falling 20 inches on an E-rod slide device. The penetration test is performed through an augered hole 4 to 6 inches in diameter. After augering to the test depth, the penetrometer's cone point is seated 2 inches into the undisturbed bottom of the hole to ensure complete point embedment. The cone is further driven 1.75 inches using the ring weight hammer falling freely 20 inches. The number of blows are counted and recorded above.

Reviewed By: Sam Alfatem, P.E.

Respectfully submitted  
MATRIX ENGINEERING GROUP, INC.