

INVITATION TO BID



CITY OF CALLAWAY GORE PARK BUILDING WORK BID NO: LS2022-06

ADVERTISED: The Bay County News Herald, Friday, February 11, 2022

PREBID MEETING: N/A

BID DEADLINE: 2:00 p.m. Monday, March 14, 2022

BIDS/PROPOSALS ARE TO BE SUBMITTED TO:

CITY OF CALLAWAY
ATTN: JANICE L. PETERS, CITY CLERK
6601 EAST HWY. 22
CALLAWAY, FL 32404

BID OPENING: 2:30 p.m. Monday, March 14, 2022
Callaway Arts & Conference Center, 500 Callaway Park Way

Janice L. Peters

Janice L. Peters, MMC, City Clerk

INSTRUCTIONS TO BIDDERS/PROPOSERS

Qualified firms are invited to submit a Bid/Proposal to the **CITY OF CALLAWAY** for the **CITY OF CALLAWAY GORE PARK BUILDING WORK, BID NO: LS2022-06**, by replying to the enclosed specification. In order for the Bid/Proposal to be considered, complete all items in this specification.

All Bids/Proposals must include one **(1) unbound original** and **three (3) copies** and be addressed to:

CITY OF CALLAWAY
ATTN: CITY CLERK
6601 EAST HWY. 22
CALLAWAY, FL 32404

Proposals **must be received** at the address listed above no later than **2:00 p.m. on Monday, March 14, 2022**. Late Proposals will not be accepted, regardless of the reason.

Proposal envelopes must be **sealed and marked** with the Bid number, due date, and name of Proposer so as to identify the enclosed submittal. If more than one package is submitted, please mark "1 of 2", "2 of 2", etc.

INTERPRETATION OF SPECIFICATION

All questions pertaining to the terms and conditions of the scope of work of this Bid/Proposal must be submitted **in writing** via email or fax to the City Clerk as shown below:

Janice L. Peters, MMC, City Clerk
City of Callaway
6601 East Hwy. 22
Callaway, FL 32404
jlpeters@cityofcallaway.com

No oral interpretations will be made to any firm as to the meaning of specifications or any other contract documents. **In accordance with Florida Statutes 287.057(23), "Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response."** Questions must be submitted as referenced above.

All questions must be received at least five (5) calendar days prior to the scheduled opening of Bids/Proposals. Any interpretation of the Bid/Proposal terms, conditions, and/or specification, if made, will be only by Addendum issued by the City Clerk. A copy of such Addendum will be posted to the City's website at www.cityofcallaway.com and mailed to each proposer that received a copy of the advertisement of the Request for Bids/Proposals. **IT IS THE RESPONSIBILITY OF THE BIDDER/PROPOSER TO CHECK THE CITY'S WEBSITE FOR ANY ADDENDUMS PRIOR TO SUBMITTING A BID/PROPOSAL.** No verbal instructions or interpretations of drawings and specifications will be made other than indicated above.

The City reserves the right to reject any or all proposals, to waive informalities in the Bids/Proposals and to re-advertise for Bids/Proposals. The City also reserves the right to separately accept or reject any item or items of a Bid/Proposal and to award and/or negotiate a contract in the best interest of the City.

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CITY OF CALLAWAY SPECIAL INSTRUCTIONS AND CONDITIONS

CITY OF CALLAWAY GORE PARK BUILDING WORK BID NO: LS2022-06

* Note: The GENERAL INSTRUCTIONS AND CONDITIONS (attached hereto) apply, except as set forth below, for this Bid.

A. Description: () See Attached (X) As Follows

The project includes a new concession/restroom/storage building, two pavilions, and concrete work.

Although not a requirement to bid this project, all vendors have the elective to purchase official copies of the Plans and specifications via the City Clerk's office from the Engineer of Record at a cost of \$50 per set, which is non-refundable.

Bidders must comply with federal requirements to check debarment and suspension status of contractors, subcontractors and vendors per 2 Code of Federal Regulations (CFR) 200, Appendix II (H) and 31 CFR Part 19.

B. Specifications: (X) See Attached () As follows:

See attached Minimum Technical Specifications

C. Contract/Agreement Required: () None (X) As follows: See enclosed Sample Contract

D. Items to be submitted with Bid: () None (X) As follows:

- One (1) unbound original with three (3) copies of the bid submittal,
- Bid Bond in the amount of 5%
- Proof of Insurance
- Anti-Collusion Clause Form
- Bid/Certification Form with signature page,
- Public Entity Crimes Statement,
- Drug Free Workplace Certification,
- Proprietary/Confidential Information Form
- Conflict of Interest Form
- Anti-Collusion Statement
- Certification Regarding Debarment
- Trench Safety Compliance Certification Form
- References (3) for similar type work with contact information,
- State of Florida License Copy,
- List of Subcontractors, if applicable,

E. **Deadline and place for submission of Bids:**

2:00 p.m., MONDAY, MARCH 14, 2022 (BID DEADLINE)

City Hall

6601 East Hwy. 22

Callaway, FL 32404

F. **Time and place for OPENING of Bids:**

2:30 p.m., MONDAY, MARCH 14, 2022,

City of Callaway ARTS & CONFERENCE CENTER - 500 CALLAWAY PARK WAY.

G. **Insurance Requirements:** () None (X) As follows:

	<u>Minimum Coverage</u>
<u>Property Damage:</u>	<u>\$ 500,000</u>
<u>General Liability:</u>	<u>\$ 1,000,000/2,000,000</u>
<u>Automobile Liability:</u>	<u>\$ 1,000,000/2,000,000</u>
<u>Workers' Compensation:</u>	<u>\$ Statutory Limit*</u>

Note: Insurance Certificate must be provided by Successful Bidder upon execution of Agreement. City is to be listed on the bidder's/proposer's Certificate of Insurance as additionally insured and certificate holder in order for the City to be notified if the insurance is canceled or modified.

H. **Bond Requirements:** () None (X) As follows:

	<u>Amount of Bond</u>
Bid Bond	\$ ____ or <u>5</u> % of Bid
Performance Bond	\$ ____ or <u>100</u> % of Bid
Payment Bond	\$ ____ or <u>100</u> % of Bid
Construction Bond	\$ ____ or <u>N/A</u> % of Bid
Other: _____	\$ ____ or <u>N/A</u> % of Bid

Bid Bonds can be in the form of Cashiers Check, Certified Check or Bond submitted on the bonding entities forms.

I. **Number of Copies of Bid Forms with original signature(s) Required:**

One (1) unbound original, with notarized Signatures, plus three (3) copies

NOTICE: Proposals may be rejected if all documents are not complete and executed, and the numbers of copies specified/requested of each are not submitted with the proposal.

GENERAL INSTRUCTIONS AND CONDITIONS

(1) NOTICE TO BIDDERS/PROPOSERS

The following general instructions and conditions apply to all Requests for Bids/Proposals unless modified by the provisions set forth in the “**Special Instructions and Conditions**” attached hereto. If there is a conflict between the “Special Instructions and Conditions” and these “General Instructions and Conditions,” the provisions in the Special Instructions and Conditions will apply. **Note: The General Instructions and Conditions and the Special Instructions and Conditions are periodically revised; potential Bidders/Proposers should read both carefully prior to submitting a Bid/Proposal. The attached Special Instructions and Conditions apply only to this Bid/Proposal.**

(2) SUBMITTAL OF BIDS/PROPOSALS

Qualified businesses or individuals requesting consideration must submit a complete Bid/Proposal with any/all attachments in a sealed package clearly marked with the **name and number of the Bid/Proposal**, to the attention of the City Clerk, prior to closing time at the address shown in the **Special Instructions and Conditions** attached hereto. If not so marked as to this wording, sealed and/or received by the closing time, the Bid/Proposal will not be accepted. Bid/Proposal packages, additional information regarding this Bid/Proposal, or the bidding procedures may be obtained by contacting the City Clerk, 6601 East Hwy. 22, Callaway, FL 32404, (850) 215-6694.

It shall be the sole responsibility of the Bidders/Proposers to have their Bid/Proposal delivered on or before the closing time and date stated in the **Special Instructions and Conditions**. Any Bids/Proposals received after the stated time and/or due to delays caused by mail or courier delivery, or any other reason, shall not be opened or otherwise considered, and will be returned at the bidder's/proposer's expense.

Bids/Proposals shall be opened and publicly announced at the City Clerk's Office, City Hall, 6601 East Hwy. 22, Callaway, Florida, after closing of Bids/Proposals, unless otherwise specified in the Special Instructions and Conditions.

(3) SPECIFICATIONS AND REQUIREMENTS

The detailed specifications and additional requirements relating to this Bid/Proposal are set forth in the Special Instructions and Conditions attached hereto.

SILENCE OF SPECIFICATIONS: The apparent silence of any specification as to any details or any omission of a detailed description concerning any point shall be regarded as meaning that only the best construction practices are to prevail and that only new materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality. All interpretations of specifications shall be made accordingly by the City.

(4) BID/PROPOSAL FORM

Bidders/Proposers shall complete, sign and furnish the “Bid Certification Form”, together with the forms, specifications and materials required in the “Special Instructions and Conditions” or any exhibits attached hereto. This will include a properly executed Drug-Free Workplace Certification, and a Sworn Statement on Public Entity Crimes Form, pursuant to Section 287.133(3)(a), Florida Statutes. The minimum number of complete Bid/Proposal packages to be submitted is set forth in the Special Instructions and Conditions.

If the "Special Instructions and Conditions" include a "Scope of Work" provision, and/or provide for a supplemental and or implementing agreement, the City reserves the right to modify the "Scope of Services." Further, the terms and conditions of any such agreement shall be modified prior to execution by the City, if such modifications are determined to be in the best interest of the City.

Bids/Proposals may be considered non-responsive, at the sole option of the City, and may be rejected if they include omissions, alterations of form, additions not called for, conditions or limitations, unauthorized alternate Bids/Proposals, submission of less than the number of bid packages requested, or other irregularities of any kind.

Unless otherwise stated, the price(s) set forth in the Bid/Proposal include(s) all costs and expenses for labor, equipment, materials, commissions, transportation charges and expenses, handling material inspection, and patent fees and royalties, together with any and all other costs and expenses for providing the service, equipment, materials or performing and completing the work as shown according to the plans and specifications herein.

If quotations are requested for the various items of work, they are intended to establish a total price for providing the materials, equipment, services, or completing the work in its entirety. If the Bidder/Proposer determines that the cost for any item of work has not been established by the Proposal Form, the cost for that work is to be included in other applicable Bid/Proposal item(s), so that the Bid/Proposal reflects the total price for completing that work in its entirety.

In the event of a discrepancy between a unit bid price and an extension, the unit bid price will govern. Written prices shall govern over figures.

(5) CLARIFICATION AND ADDENDA

Each Bidder/Proposer shall examine all Bid/Proposal documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions or requests concerning the interpretation, clarification or additional information pertaining to this Invitation to Bid/Request for Bid/Proposal will be accepted by the City Clerk up to and including five (5) working days prior to the closing date and time stated herein. The issuance of a written addendum signed by the City Clerk is the only official method whereby interpretation, clarification or additional information can be given. The City shall not be responsible for oral interpretations given by any City employee, representative or others. If any addenda are issued, the City will attempt to notify all known prospective Bidders/Proposers. However, it shall be the responsibility of each Bidder/Proposer, prior to submitting a Bid/Proposal, to contact the City Clerk's Office to determine if addenda were issued, and to make such addenda a part of the Bid/Proposal. If an addendum has been issued, and was not incorporated in the Bid/Proposal documents submitted by Bidder/Proposer, the Bid/Proposal may not be accepted or considered by the City.

(6) MANUFACTURER'S NAMES AND APPROVED EQUIVALENTS

Unless otherwise specifically stated in the Special Instructions and Conditions, any manufacturer's names, trade names, brand names, catalog numbers, or similar information listed in a specification, are for the purpose of information and illustration, and are not intended to restrict the submission of alternates meeting minimum specifications. The Bidder/Proposer may offer the same or any alternate for which the Bidder/Proposer is an authorized representative, which meets or exceeds the specifications for any item. If a manufacturer's name or model is included in the specification, and a Bid/Proposal is based on alternate products or services which Bidder/Proposer maintains is equivalent and meets or exceeds specifications, Bidder/Proposer is to indicate on the Bid/Proposal Form the manufacturer's name and related information of the alternate; including any

deviation from the specifications. Unless expressly noted on the Bid/Proposal that an alternate is being proposed, and the specification includes a specific manufacturer's model or brand, the Bid/Proposal will be considered as a quotation for the item(s) stated in the specifications.

(7) INFORMATION AND DESCRIPTIVE LITERATURE

Bidders/Proposers must furnish all information requested in the Bid/Proposal packet including but not limited to any sketches, plans, designs, specification, and descriptive literature regarding the product(s)/service(s) being offered. Bids/Proposals which do not comply with these requirements are subject to rejection. Reference to submission of documentation or materials with a previous Bid/Proposal will not satisfy this provision.

(8) BONDS/INSURANCE

If the Bid/Proposal is accepted by the City, it will become a binding contract on both parties. If a bond or cashiers/certified check is required as a bond, it shall be submitted with the Bid/Proposal. If the undersigned shall fail to deliver or perform, or if applicable, execute a contract if provided for herein, then the City may, at its option, determine that the undersigned has abandoned the award/contract, and thereupon such acceptance of the Bid/Proposal and/or award shall be null and void, and any cashiers/certified check or bond accompanying this Bid/Proposal shall be forfeited to and become the property of the City. The full amount of said check, or if a bond, the full amount of such bond, shall be paid to the City as partial liquidated damages; otherwise, any bond or cashiers/certified check accompanying this Bid/Proposal shall be returned to the undersigned within 30 calendar days from the date of award, or if provisions for a Notice to Proceed are included, from the date of the Notice to Proceed.

If a bid or proposal bond is required, the bonds of unsuccessful Bidders/Proposers will be returned within 30 calendar days of the Bid/Proposal due date, except as set forth below.

If a proposal is subject to the Competitive Negotiations Act, the bonds will be returned within 60 days of the proposal due date, except for the bond of the 3 highest ranked proposers. Within 30 days of execution of a contract, bonds from the remaining unsuccessful proposers will be returned.

Bid bond, if required, will be returned within 30 calendar days of delivery/acceptance of the item(s) bid or service(s) provided, unless a standard payment and performance bond is required. When a standard Payment and Performance Bond is required, the bid bond of the successful Bidder/Proposer will be returned within 30 calendar days from the date of the Notice to Proceed.

In the event a bid is awarded, a proposal is accepted, and/or a contract is executed, and the Bidder/Proposer chooses not to proceed, or fails to perform for any reason, the bond will be forfeited and retained by the City as partial liquidated damages. Future Bids/Proposals will not be accepted for consideration from the Bidder/Proposer for five (5) years, or such shorter period as the City Commission may determine.

In the event an award/selection is not made within 90 days after the Bid/Proposal due date and the City does not return all bonds, upon 30 business days written request, a bidders/proposer may withdraw their bid or proposal from consideration, and obtain a refund of the Bid/Proposal bond.

All Awards will be subject to presentation of any required performance bond or certificate of insurance prior to any purchase authorizations, agreements, contract documents, or delivery. The Bidder/Proposer shall maintain any performance bonds or insurance coverage set forth in the Special Instructions and Conditions, at its own expense. If insurance is required, the City is to be listed on the bidder/proposer's Certificate of Insurance as an additional insured and certificate holder in order that the City will be notified if the insurance is canceled or

modified. The certificate shall also list the name of the project/service/equipment purchased, and the expiration date of the policy. At the City's option, an award may be canceled and any bid bond forfeited if any required performance bond or insurance certificate is not delivered within 21 calendar days of the date of award.

***Note:** The provisions of this section are in addition to and not a replacement for, any Bid/Proposal and/or performance bond required in the Special Instructions and Conditions. The foregoing provisions are intended to be in addition to any other legal remedy available to the City for non-performance by a Bidder/Proposer subsequent to the acceptance and/or award of a bid or proposal.*

(9) SERVICE AND WARRANTY

If any warranty repair or replacement service is requested in the Special Instructions and Conditions, any deviation or limitation from the requirements is to be expressly stated on the Bid Request for Proposal Certification Form.

If the service or product provided to the City pursuant to the bid consists of computer hardware, software or firmware, the Bidder/Proposer warrants that said product will accurately process/or reflect data from, into and between the twentieth and twenty-first centuries, including leap-year calculations.

(10) CONTRACT FORMS

Any agreement or contract resulting from the acceptance of a Bid/Proposal shall be on forms either supplied by or approved by the City, and shall contain, as a minimum, applicable provisions of the Invitation to Bid/Request for Proposal, and the Bid/Proposal documents to be submitted by Bidder/Proposer, including the Special Instructions and Conditions, General Instructions and Conditions, and all attachments therewith. The City reserves the right to reject any Bid/Proposal or resulting agreement which does not conform to the Invitation to Bid/Proposal and, if applicable, any City requirement relating to such an Agreement.

The City reserves the right to extend any contract or agreement for an additional period of not more than ninety (90) days beyond the original expiration date. Prices in effect on the last day of the contract shall remain in effect for the contract extension period. Additional extensions shall be subject to agreement of both parties.

The successful Bidder/Proposer will be required to execute any resulting agreement and provide any bonds or insurance certificates required within 10 days of contract execution. Failure to timely execute the necessary bond or insurance certificate will result in cancellation of an award, with no further obligation by the City.

This Bid/Proposal is subject to the appropriation of funds in an amount sufficient to allow continuation of the City's performance in accordance with the terms and conditions of this Bid/Proposal for each and every fiscal year in which this Bid/Proposal is executed and entered into. If funds are not appropriated/available, the City shall provide prompt written notice to the selected Bidder/Proposer that effective thirty (30) days after giving such notice, or upon the expiration of the time for which funds were appropriated, whichever occurs first, the City will thereafter be released of all further obligations related to the Bid/Proposal and/or award.

(11) BID/PROPOSAL EXPENSES

All expenses for preparing and submitting Bids/Proposals to the City are to be borne by the Bidder/Proposer.

(12) VARIANCES

Any variance whatsoever from the Bid/Proposal Specifications are to be clearly identified on the Bid/Proposal form. Acceptance of any proposed variations will be at the sole discretion of the City.

(13) CONFLICT OF INTEREST

The award of a bid or acceptance of proposal is subject to Chapter 112, Florida Statutes. All Bidders/Proposers must disclose with their Bid/Proposal the name of any officer, director, or agent who is a city official or employee, or a member of an official's or employee's immediate family. Further, Bidders/Proposers must disclose the name of any city official or employee, or a member of an official's or employee's immediate family, who owns directly or indirectly an interest of ten percent (10%) or more in the bidder's/proposer's firm or related business.

(14) DELIVERY

All items provided pursuant to an award are to be delivered prepaid to the City Clerk's Office, 6601 East Hwy. 22, Callaway, Florida 32404-2041, unless a different location is specified in the Special Instructions and Conditions. All delivery charges are to be included in the Bid/Proposal price. No Collect on Delivery (C.O.D.) will be accepted. Title and risk of loss or damage to all items shall be the responsibility of the Bidder/Proposer until delivered to the City.

(15) INSPECTION, ACCEPTANCE AND TITLE

All items delivered pursuant to an award are subject to inspection and review prior to acceptance by the City. Acceptance, evidenced by separately written Notice of Acceptance or full payment, will be made only after verification of compliance with all specifications. Acknowledgment of delivery and/or partial payment does not constitute acceptance.

(16) OWNERSHIP RIGHTS AND PUBLIC RECORDS LAW

Public Records Law. Bidder/Proposer acknowledges that they are familiar with the provisions of the Public Records Law of the State of Florida.

Bidder/Proposer agrees to comply with Chapter 119, Florida Statutes, and specifically per Florida Statute 119.0701, Bidder/Proposer agrees to keep and maintain public records that would be required by the City of Callaway in order to perform the services provided for in this agreement; Bidder/Proposer agrees to provide public access to any required public records in the same manner as a public agency; Bidder/Proposer agrees to protect exempt or confidential records from disclosure; Bidder/Proposer agrees to meet public records retention requirement; and Bidder/Proposer agrees that at the end of the term of this agreement, to transfer all public records to the City of Callaway and destroy any duplicate, exempt or confidential public records.

All products generated by the Bidder/Proposer for the City become the property of the City. The City may require submission of any electronic file version of reports, data, maps, or other submission of documentation produced for or as a result of this Bid/Proposal in addition to paper documents.

Further, in accordance with the Public Records Laws of the State of Florida, Section 119.0701, (2013), Contractor must:

- A. Keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service.
- B. Provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records are not disclosed except as authorized by law.
- D. Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public record disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency.
- E. If a contractor does not comply with a public records request, the public agency shall enforce the contract provision in accordance with the contract.

(17) RESERVED RIGHTS

The City reserves the right to reject any and all Bids/Proposals, with or without statement of cause, request resubmissions, or to waive any irregularities or technicality or negotiate modifications to any Bid/Proposal which may be in the best interest of the City.

Bidders/Proposers which do not normally engage in providing the types of commodities/services specified herein may be required to demonstrate they have sufficient financial support, equipment, and organization to ensure they can satisfactorily perform if awarded a bid/contract under the terms and conditions herein stated.

The City reserves the right to make such investigations as it deems necessary to determine the ability of any Bidder/Proposer to perform the work or service requested. Any information the City deems necessary to make such determinations shall be provided by the Bidder/Proposer upon request as a condition of further consideration of the Bid/Proposal. The applicability of all information obtained and the City's decision shall be final. By submitting a bid or proposal, Bidder/Proposer authorizes such investigation.

If the contract awarded as a result of this bid is terminated prior to the end of the term, the City reserves the right to award the balance of the contract to the next lowest responsive and responsible bidder.

(18) ADVERTISING

In submitting a Bid/Proposal, Bidder/Proposer agrees not to use the results therefrom as a part of any commercial advertising or marketing purposes without written approval of the City Manager.

(19) GOVERNMENTAL RESTRICTIONS/REQUIREMENTS

In the event any governmental restrictions are imposed which would necessitate alteration of the material, quality, workmanship, or performance of the items offered in a Bid/Proposal, it shall be the responsibility of the successful Bidder/Proposer to immediately notify the City of the specific regulation which required an

alteration, and the specific alterations that will be made to the item(s) bid/proposed. The City reserves the right to accept any such alteration/substitution, including any price adjustments resulting therefrom, or to cancel the award at no expense to the City.

(20) NON-DISCRIMINATION

There shall be no discrimination as to race, sex, color, creed, handicap, or national origin in the selection, award, or operations conducted, or performance related to any bid or proposal.

(21) UNAUTHORIZED EMPLOYEES OR AGENTS

Employment of unauthorized aliens by Bidder/Proposer is considered a violation of Section 274A(e) of the Immigration and Nationality Act. If selected Bidder/Proposer knowingly employs unauthorized aliens, such action shall be cause for unilateral cancellation of this agreement and the City may recover damages from selected Bidder/Proposer resulting from such cancellation. The selected Bidder/Proposer shall be responsible for including this provision in any context with, and requiring compliance by any/all subcontracts performing for selected Bidder/Proposer relating to this agreement.

(22) OTHER GOVERNMENTAL ENTITIES - OPTIONAL APPLICATION

In the State of Florida, other Florida public entities may “piggy-back” on competitive Bid/Proposal awards under the same terms and conditions, if all parties are in agreement.

(23) LEGAL NAME

Bids/Proposals shall clearly indicate the legal name and organizational structure, business address, telephone number, and email address of the Bidder/Proposer. Bids/Proposals shall be signed above the typed or printed name and title of the individual submitting the Bid/Proposal. The signer shall warrant he/she has the authority to bind the Bidder/Proposer to the terms and conditions of the submitted Bid/Proposal.

(24) WAGES

State and Federal minimum wage and hour regulation (including the Davis-Bacon Act) apply to Bidder/Proposer and all subcontractors.

(25) SELECTION

The city intends to award this bid to the lowest responsive and responsible bidder or bidders. However, the City reserves the right to reject any and all Bids/Proposals. The procedures for the selection/award of Bids/Proposals are provided for by Florida Statutes and the City’s Charter, Code of Ordinances, and Administrative Policies. Generally, all Bids/Proposals are reviewed by City staff and evaluated by the City Manager, and if required by law, by a Selection Advisory Committee appointed by the City Manager. The type and price of the product(s) or service(s) being acquired determines if an award or selection may be made by the City Manager or requires City Commission approval. For information on which procedure applies to a particular Bid/Proposal contact the City Clerk.

Bids/Proposals will be evaluated based on, but not limited to, one or more of the following criteria as appropriate:

- compliance with specifications,
- price (if applicable),

- capability/adequacy of Bidder/Proposer,
- past and current projects, services or equipment provided to the city,
- delivery schedule,
- prior government projects, services or equipment provided to other jurisdictions, and
- general reputation and references.

Separate procedures and requirements relating to Requests for Bids/Proposals/Qualifications apply for certain grant programs and for professional services, for example the Consultants' Competitive Negotiation Act (Florida Statute 287.055), and by the City's Code. When the City initiates such a Request for Proposals/Qualifications, the selection process and related procedures are included in the Special Instructions and Conditions.

Pursuant to Chapter 287.087 Florida Statutes, in the event two (2) or more bids are equal with respect to price, quantity, and services, preference will be given to Bidders/Proposers which have implemented Drug-Free Workplace Programs.

Further, per 287.087(11) "If two equal responses to a solicitation or a request for quote are received and one response is from a certified minority business enterprise, the agency shall enter into a contract with the certified minority business enterprise." In addition, at the sole discretion of the City, payment terms, conditions, and other consequential information may be utilized in resolving apparent tie Bids/Proposals.

NOTE: For consideration, Bidder/Proposer must return the Bid Certification Form included in the Bid/Proposal package.

(26) INDEMNIFY

After notification of award, the successful Bidder/Proposer agrees to defend, indemnify and hold harmless the City and its officials, officers, employees, agents, and invites, from and against all claims, suits, sections, damages, or causes of action arising from any personal injury, loss of life or damage to property, sustained by reason of, or as a result of constructing, manufacturing, processing, delivery, or performance of the services or work for which the Bid/Proposal was awarded or any resulting agreement executed, and from and against any orders, judgments, or decrees which may be entered thereto, and from and against all costs, attorney's fees, expenses, and liabilities incurred in or by reason of the defense of any such claim, suit or action, and the investigation thereof. Nothing in any resulting agreement shall be deemed to affect the rights, privileges, and immunities of the City of Callaway.

The selected Bidder/Proposer, without exception, shall also indemnify and hold harmless the City and its officials, employees, agents, and invites from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented or unpatented invention, process or article manufactured or used in the performance of the contract, including its use by the City. If the selected Bidder/Proposer uses any design, device or materials covered by patent or copyright, it is mutually agreed and understood that the Bid/Proposal prices include all royalties or costs arising from the use in any way of such design, device or materials involved in the product and/or services provided to the City.

(27) MODIFICATION - AFTER AWARD

Any changes proposed by a Bidder/Proposer after an award in (a) materials used, (b) manufacturing process, (c) construction or (d) specifications, are to be submitted in writing to the City Manager prior to delivery. No changes shall be approved and binding upon the City unless evidenced by a Change Order issued and signed by the City Manager.

(28) ASSIGNMENT

Any purchase order issued pursuant to this bid invitation/request for proposal and the funds which may become due hereunder, are not assignable, except with the prior written approval of the City Manager.

(29) DISCLOSURE

Bidder/Proposer acknowledges by submitting a Bid/Proposal that all information provided to the City is part of the public domain as defined by Florida Statutes and is considered a public record. Information should not be labeled “confidential,” unless specifically exempted under said Statutes, and exempts the City from any liability for releasing all information to the public, including inadvertently releasing information deemed confidential by the Bidder/Proposer.

(30) TAXES

The city is a tax-exempt Florida municipality, Federal Employment Identification Number 59-6000-284, Florida State Tax Number 37-02-008131-54C. Copies of Exemption Certificate and related information may be obtained by contacting the City Clerk, City of Callaway, 6601 East Hwy. 22, Callaway, Florida 32404-2041 or (850) 215-6694.

(31) APPLICABLE LAWS/LEGAL VENUE

All applicable laws, regulations and ordinances of the State of Florida, Bay County and the City of Callaway will apply to consideration and award of any Bid/Proposal and the performance of the Bidder/Proposer pursuant thereto and shall be governed by the laws of the State of Florida both as to intention and performance. The venue for any action arising from the award or subsequent performance shall lie exclusively in the Circuit Court of Bay County, Florida, or the United States District Court for the Northern District of Florida, as applicable.

NOTE: ANY AND ALL PROVISIONS SET FORTH IN THE SPECIAL INSTRUCTIONS AND CONDITIONS ATTACHED HERETO, WHICH VARY FROM THESE GENERAL INSTRUCTIONS AND CONDITIONS, SHALL HAVE PRECEDENCE.

**AGREEMENT FOR CONTRACTOR SERVICES
GORE PARK BUILDING WORK
BID NO.: LS2022-06**

This Agreement made as of this ___ day of, _____, 2022, by and between the **City of Callaway**, Florida - (the "CITY"), and _____, authorized to do business in the State of Florida (the "CONTRACTOR"), and whose address is _____; Phone: _____.

In consideration of the mutual promises contained herein, the CITY and the CONTRACTOR agree as follows:

ARTICLE 1 - SERVICES

The CONTRACTOR'S responsibility under this Agreement is to furnish, deliver, and construct all materials, labor, and equipment and to perform all operations in accordance with the plans and specifications and as listed in the Bid Form for **BID NO. LS2022-06 GORE PARK BUILDING WORK**.

CONTRACTOR shall comply with all applicable procedures, guidelines, manuals, standards, and directives as described in the Special Federal Provisions (ATTACHED HERETO AS EXHIBIT A), along with the Davis-Bacon Act (ATTACHED HERETO AS EXHIBIT B). The contractor will also be responsible for including these requirements in any subcontract.

Services of the CONTRACTOR shall be under the general direction of the CITY MANAGER, who may designate a person to act as the CITY'S representative (hereinafter "REPRESENTATIVE") during the performance of this Agreement.

The CITY shall furnish to the CONTRACTOR up to four (4) sets of the Contract Documents for execution of the Work. Additional copies of the Contract Documents are available at the cost of reproduction.

ARTICLE 2 - SCHEDULE

The CONTRACTOR will commence the work required by the CONTRACT DOCUMENTS within 10 calendar days after the date of the NOTICE TO PROCEED and will substantially complete the project within 270 consecutive calendar days unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

ARTICLE 3 - PAYMENTS TO CONTRACTOR

- A. The CITY shall pay to the CONTRACTOR for services satisfactorily performed \$_____ which includes all direct charges, indirect charges and reimbursable expenses, if any. The CONTRACTOR will bill the CITY monthly.
- B. The invoices received from the CONTRACTOR pursuant to this Agreement will be reviewed and approved by the City Manager's office, indicating that services have been rendered in conformity with the Agreement, and then will be sent to the Finance Department for payment. The invoice must specify the work performed. Ten percent (10%) of each invoiced amount will be withheld and retained by the CITY until completion of the work to the satisfaction of the CITY.
- C. In order for both parties herein to close their books and records, the CONTRACTOR will clearly state "final invoice" on the CONTRACTOR'S final/last billing to the CITY. This indicates that

all services have been performed and all charges and costs have been invoiced to the CITY. Since this account will thereupon be closed, any and other further charges if not properly included on this final invoice shall be waived by the CONTRACTOR.

- D. CONTRACTOR acknowledges that it has reviewed the scope of work and inspected the work site and does not anticipate having any CONTRACTOR requested change orders.

ARTICLE 4 - TERMINATION

This Agreement may be terminated by the CONTRACTOR on 60 days prior written notice to the CITY in the event of substantial failure by the CITY to perform in accordance with the terms hereof through no fault of the CONTRACTOR. It may also be terminated by the CITY, with or without cause, immediately upon written notice to the CONTRACTOR. Unless the CONTRACTOR is in breach of this Agreement, the CONTRACTOR shall be paid for services rendered to the CITY'S satisfaction through the date of termination. After receipt of a termination notice and except as otherwise directed by the CITY the CONTRACTOR shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
- C. Transfer all work in process, completed work, and other material related to the terminated work to the CITY.
- D. Continue and complete all parts of the work that have not been terminated.

ARTICLE 5 - PERSONNEL

The CONTRACTOR represents that it has or will secure at its own expense all necessary personnel required to perform the services under this Agreement. Such personnel shall not be employees of or have any contractual relationship with the CITY.

All of the services required herein under shall be performed by the CONTRACTOR or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under State and local law to perform such services.

The CONTRACTOR warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

ARTICLE 6 - SUBCONTRACTING

The CITY reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make a determination as to the capability of the subcontractor to perform properly under this Agreement. The CONTRACTOR is encouraged to seek minority and women business enterprises for participation in subcontracting opportunities.

If a subcontractor fails to perform or make progress, as required by this Agreement, and it is necessary to replace the subcontractor to complete the work in a timely fashion, the CONTRACTOR shall promptly do so, subject to acceptance of the new subcontractor by the CITY.

ARTICLE 7 - FEDERAL AND STATE TAX

The CONTRACTOR shall be responsible for payment of its own FICA and Social Security benefits with respect to this Agreement and the personnel it employs.

ARTICLE 8 – INSURANCE & BONDS

- A. The CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance and bonds required under this paragraph and such insurance has been verified by the CITY.
- B. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida.

The CONTRACTOR shall maintain, during the life of this Agreement, comprehensive automobile liability insurance in the amount of \$1,000,000 and \$2,000,000 combined single limit for property damage and bodily injury liability covering claims which may arise from the ownership, use, or maintenance of owned and non-owned automobiles, including rented automobiles, whether such operations be by the CONTRACTOR or by anyone directly or indirectly employed by the CONTRACTOR. CONTRACTOR shall purchase and maintain a policy or policies of commercial general liability insurance satisfactory in all respects to CITY, and casualty and extended coverage insurance. All policies shall be occurrence form policies and shall name CITY as an additional insured, with the premium thereon fully paid by CONTRACTOR on or before their due date. The general liability insurance policy shall afford minimum protection of \$1,000,000 and \$2,000,000 combined single limit coverage for bodily injury.

Required insurance shall be documented in Certificates of Insurance which provide that CITY shall be notified at least 30 days in advance of cancellation, non-renewal, or adverse change. New Certificates of Insurance are to be provided to CITY at least 15 days prior to coverage renewals. City of Callaway, Florida is to be named as an additional insured entity.

If requested by CITY, CONTRACTOR shall furnish complete copies of its insurance policies, forms and endorsements.

For commercial general liability coverage, CONTRACTOR shall, at the option of CITY, provide an indication of the amount of claims, payments or reserves chargeable to the aggregate amount of liability coverage.

Receipt of certificates or other documentation of insurance or policies or copies of policies by CITY, or by any of its representatives, which indicate less coverage than required does not constitute a waiver of CONTRACTOR'S obligation to fulfill the insurance requirements herein.

CONTRACTOR shall also purchase and maintain workers compensation insurance for all obligations imposed by law, with employer's liability limits of at least the statutory limit, or provide notarized affidavit of exemption listing relevant statutes. CONTRACTOR shall also purchase any other coverage required by law.

CONTRACTOR'S maintenance of the insurance policies required hereunder shall not limit or otherwise affect its liability hereunder.

- C. If a performance or payment bond is required due to use of grant funds for the project, by City Commission or as otherwise required, the CONTRACTOR shall not commence work under this Agreement until it has obtained the required bonds and provided such bonds to the CITY.

ARTICLE 9 - EXCUSABLE DELAYS

The CONTRACTOR shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the CONTRACTOR'S control and without its fault or negligence. Such causes may include but are not limited to acts of God; the City's omissive and commissive failures; natural or public health emergencies; labor disputes; freight embargoes; and severe weather conditions. If failure to perform is caused by the failure of the CONTRACTOR'S subcontractor(s) and is without the fault or negligence of them, the CONTRACTOR shall not be deemed to be in default.

Upon the CONTRACTOR'S request, the CITY shall consider the facts and extent of any failure to perform the work and, if the CONTRACTOR'S failure to perform was without its fault or negligence as determined by the CITY, any affected provision of this Agreement shall be revised; accordingly, subject to the CITY's rights to change, terminate, or stop any or all the work at anytime.

ARTICLE 10 - LIQUIDATED DAMAGES

Liquidated damages shall be paid to the CITY at the rate of \$1,500 per day for all work awarded under the contract until the work has been satisfactorily completed as provided by the Contract Documents. Sundays and Legal Holidays shall be excluded in determining days in default.

It is agreed that the amount is the per-diem rate for damage incurred by reason of failure to complete the work. The said amount is hereby agreed upon as the reasonable costs which may be accrued by the CITY after the expiration of the time of completion. It is expressly understood and agreed that this amount is not to be considered in the nature of a penalty, but as liquidated damages which have accrued against the CONTRACTOR. The CITY shall have the right to deduct such damages from any amount due, or that may become due the CONTRACTOR, or the amount of such damages shall be due and collectable from the CONTRACTOR or Surety.

ARTICLE 11 - ARREARS

The CONTRACTOR shall not pledge the CITY'S credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien, or any form of indebtedness.

ARTICLE 12 - DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The CONTRACTOR shall deliver to the CITY for approval and acceptance, and before being eligible for final payment of any amount due, all documents and materials prepared by and for the CITY under this Agreement.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the CITY or at its expense will be kept confidential by the CONTRACTOR and will not be disclosed to any other party, directly or indirectly, without the CITY'S prior written consent.

Such information and data shall be and will remain the CITY'S property and may be reproduced and reused at the discretion of the CITY.

All products generated by the CONTRACTOR for the CITY become the property of the CITY. The CITY may require submission of any electronic file version of reports, data, maps, or other submission of documentation produced for or as a result of this project in addition to paper documents.

The CITY and the CONTRACTOR shall comply with the provisions of the Florida Public Records Law.

If the CONTRACTOR has questions regarding the application of Chapter 119, Florida Statutes, to the CONTRACTOR'S duty to provide public records relating to this contract, contact the custodian of public records, Janice Peters, City Clerk, at 850-215-6694, by email at jpeters@cityofcallaway.com, or via mail, at 6601 E. Hwy. 22, Callaway, FL 32404.

PUBLIC RECORDS LAW. CONTRACTOR acknowledges that it is familiar with the provisions of the Public Records Law of the State of Florida.

CONTRACTOR agrees to comply with Chapter 119, Florida Statutes, and specifically per Florida Statute 119.0701, CONTRACTOR agrees to keep and maintain public records that would be required by the City of Callaway in order to perform the services provided for in this Agreement; CONTRACTOR agrees to provide public access to any required public records in the same manner as a public agency; CONTRACTOR agrees to protect exempt or confidential records from disclosure; CONTRACTOR agrees to meet public records retention requirement; and CONTRACTOR agrees that at the end of term of this Agreement, to transfer all public records to the City of Callaway and destroy any duplicate exempt or confidential public records.

All products generated by the CONTRACTOR for the CITY become the property of the CITY. The CITY may require submission of any electronic file version of reports, data, maps or other submission of documentation produced for or as a result of this Bid/Proposal in addition to paper documents.

Further, in accordance with the Public Records Laws of the State of Florida, Section 119.0701, (2013), Contractor must:

- A. Keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service.
- B. Provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records are not disclosed except as authorized by law.
- D. Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public record disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency.
- E. If a contractor does not comply with a public records request, the public agency shall enforce the contract provision in accordance with the contract.

All covenants, agreements, representations, and warranties made herein, or otherwise made in writing by any party pursuant hereto shall survive the execution and delivery of this Agreement and the consummation of the transactions contemplated hereby.

ARTICLE 13 - INDEPENDENT CONTRACTOR RELATIONSHIP

The CONTRACTOR is, and shall be, in the performance of all work services and activities under this Agreement, an independent contractor, and not an employee, agent, or servant of the CITY. All persons engaged in any of the work or services performed pursuant to this Agreement shall at all times, and in all places, be subject to the CONTRACTOR'S sole direction, supervision, and control. The CONTRACTOR shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the CONTRACTOR'S relationship and the relationship of its employees to the CITY shall be that of an independent contractor and not as employees or agents of the CITY.

The CONTRACTOR does not have the power or authority to bind the CITY in any promise, agreement, or representation.

The CONTRACTOR shall hold the CITY, its officers, agents, and employees harmless and free from any loss, damage or expense arising out of any occurrence relating to this Agreement or its performance and shall indemnify the CITY, its officers, agents and employees, customers, and successors against any damage or claim of any type arising from the negligent or intentional acts or omission of the CONTRACTOR.

ARTICLE 14 - CONTRACT ASSIGNMENT

The CONTRACTOR shall not sublet, sell, transfer, assign or otherwise dispose of the CONTRACT or any portion thereof, or of his right, title, or interest therein, without written consent of the CITY. The CONTRACTOR shall complete the work contemplated by the terms and conditions of this Agreement in an amount equivalent to at least 50 percent (50%) of the dollar value of work to be performed under this Contract utilizing its own business or corporate entity, so that no single labor, material man, or subcontractor shall be permitted to perform more than 50% of the work contemplated by this Contract.

ARTICLE 15 - AMENDMENT

None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded, or otherwise altered, except by a written instrument executed by the parties hereto.

ARTICLE 16 - ENFORCEMENT COSTS

If any legal action or other proceeding is brought for the enforcement of this Agreement, or because of an alleged dispute, breach, default, or misrepresentation in connection with any provision, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses even if not taxable as court costs (including, without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

ARTICLE 17 - AUTHORITY TO PRACTICE

The CONTRACTOR hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner.

ARTICLE 18 - SEVERABILITY

If any term or provision on this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, or the application of such terms or provisions to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.

In the event of a conflict between the terms of the above documents and the terms of this Agreement, the terms of this Agreement shall prevail.

There are no contract documents other than those listed above and there are no promises or understandings other than those stated herein.

ARTICLE 22 - VENUE

All applicable laws, regulations and ordinances of the State of Florida, Bay County and the City of Callaway will apply to consideration and award of any Bid/Proposal and the performance of the bidder/proposal pursuant thereto and shall be governed by the laws of the State of Florida both as to intention and performance. The venue for any action arising from the award or subsequent performance shall lie exclusively in the Circuit Court of Bay County, Florida, or the United States District Court for the Northern District of Florida, as applicable.

ARTICLE 23 - NOTICE

All notices required in this Agreement shall be sent by certified mail, return receipt requested, and if sent to the CITY shall be mailed to:

City of Callaway
Janice L. Peters, City Clerk
6601 East Hwy. 22
Callaway, Florida 32404
Phone: (850) 215-6694
Email: jpeters@cityofCallaway.com

With a copy to: Kevin D. Obos, Esq. City Attorney
Hand Arendall Harrison Sale, LLC
304 Magnolia Avenue
Panama City, FL 32401
Phone: (850) 769-3434
Fax: (850) 769-6121

and if sent to the CONTRACTOR shall be mailed to:

Either party may change its address noted above by giving written notice to the other party in accordance with the requirements of the Section.

This Agreement is entered into as of the day and year first written above and is executed in at least two original copies of which one is to be delivered to the CONTRACTOR, and one to the CITY CLERK for filing in the official records.

CITY OF CALLAWAY, FLORIDA

Attest: _____
Janice L. Peters, MMC
City Clerk

By: _____
Keith E. Cook, City Manager

Contractor Witnesses:
(2 REQUIRED)

Contractor:

Witness: _____
Name

Signature

Business Name

By: _____
Signature

Witness: _____
Name

Signature

Print Name and Title

APPROVED AS TO FORM FOR THE RELIANCE OF THE
CITY OF CALLAWAY ONLY:

KEVIN D. OBOS, HAND ARENDALL HARRISON SALE
CITY ATTORNEY

EXHIBIT A

SPECIAL FEDERAL PROVISIONS

A. GRANT CONDITIONS

FEMA funding requirements apply to projects funding in part or in whole with funds made available by the Federal government.

1. Goals for Women and Minorities in Construction

Department of Labor regulations set forth in 41 CFR 60-4 establish goals and timetables for participation of minorities and women in the construction industry. These regulations apply to all Federally-assisted construction contracts in excess of \$10,000. The recipient must comply with these regulations and must obtain compliance with 41 CFR 60-4 from contractors and subcontractors employed in the completion of the project by including such notices, clauses and provisions in the Solicitations for Offers or Bids as required by 41 CFR 60-4. The goal for participation of women in each trade area must be as follows:

- a. From April 1, 1981, until further notice: 6.9 percent;
- b. All changes to this goal, as published in the Federal Register in accordance with the Office of Federal Contract Compliance Programs regulations at CFR 60- 4.6, or any successor regulations, must hereafter be incorporated by reference into these Special Award Conditions; and,
- c. Goals for minority participation must be as prescribed by Appendix B-Federal Register, Volume 45, No. 194, October 3, 1980, or subsequent publications. The Recipient must include the “Standard Federal Equal Employment Opportunity Construction Contract Specifications” (or cause them to be included if appropriate) in all federally assisted contracts subcontracts. The goals and timetables for minority and female participation may not be less than those published pursuant to 41 CFR 60-6.

2. Contracting with small and minority businesses, women’s business enterprise, and labor surplus area firms

The non-federal entity must take all necessary affirmative steps to assure that minority businesses, women’s business enterprises, and labor surplus area firms are used when possible. Affirmative steps must include:

- a. Placing qualified small and minority businesses and women’s business enterprises on solicitation lists;
- b. Assuring that small and minority businesses, and women’s business enterprises are solicited whenever they are potential sources;
- c. Dividing total requirements, when economically feasible, into smaller tasks quantities to permit maximum participation by small and minority business, and women’s business enterprises;
- d. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women’s business enterprises;
- e. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce; and,

- f. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in (a) — (e) of this paragraph.

3. Davis Bacon Act, as amended (40 U.S.C.3141—3148)

Davis-Bacon Act-related provisions are applicable for a construction project if it is for the construction of a project that can be defined as a “treatment works” in 33 U.S.C 1292; or for a construction project regardless of whether it is a “treatment works” project if it is receiving federal assistance from another federal agency operating under an authority that requires the enforcement of Davis-Bacon Act-related provisions. When required, all prime construction contracts in excess of \$2,000 awarded by the non-Federal entity must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141—3144, and 3146—3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specific in a wage determination made by the Secretary of Labor. In addition contracts must be required to pay wages not less than once a week.

The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to Treasury. The contracts must also include a provision for compliance with the Copeland “Anti-Kickback” Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contracts and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). The Act provides that each contractor or sub-recipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation or which he or she is otherwise entitled. The non-federal entity must report all suspected or reported violations to Treasury. See Attachment Nos. 1, 2, and 3 of this Section.

4. Equal Opportunity Clause

Pursuant to 41 CFR 60-1.4(b), Federally assisted construction contracts, for construction which is not exempt from the requirements of the equal opportunity clause, 41 CFR Part 60-1—Obligations of Contractors and Subcontractors, [t]he [recipient] hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the federal government or borrowed on the credit of the federal government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any federal program involving such grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

41 CFR §60-1.4 Equal opportunity clause. During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(7) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(8) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such

direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States. The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract. The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance. The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

5. Revised ADA Standards for Accessible Design for Construction Awards

The U.S. Department of Justice has issued revised regulations implementing Title II of the ADA (28 C.F.R. Part 35) and Title III of the ADA (28 C.F.R. Part 36). The revised regulations adopted new enforceable accessibility standards called the "2010 ADA Standards for Accessible Design" (2010 Standards). The 2010 Standards are an acceptable alternative to the Uniform Federal Accessibility Standards (UFAS). Treasury deems compliance with the 2010 Standards to be an acceptable means of complying with the Section 504 accessibility requirements for new construction and alteration projects.

6. Historic Artifact Discovery

If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The applicant shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850)-245-6333. Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

"General Decision Number: FL20220005 01/07/2022

Superseded General Decision Number: FL20210005

State: Florida

Construction Type: Building

Counties: Bay and Gulf Counties in Florida.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022, Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022, Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/07/2022

ELEV0124-002 01/01/2020

Rates Fringes

ELEVATOR MECHANIC.....\$ 42.89 34.765

FOOTNOTE:

A. Employer contributions 8% of regular hourly rate to vacation pay credit for employee who has worked in business more than 5 years; Employer contributions 6% of regular hourly rate to vacation pay credit for employee who has worked in business less than 5 years.

Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; The Friday after Thanksgiving Day; and Christmas Day.

ENGI0487-021 07/01/2016

Rates Fringes

OPERATOR: Crane
All Cranes 160 Ton
Capacity and Over.....\$ 33.05 9.20
All Cranes Over 15 Ton
Capacity.....\$ 32.05 9.20
OPERATOR: Forklift.....\$ 23.25 9.20
OPERATOR: Mechanic.....\$ 32.05 9.20
OPERATOR: Oiler.....\$ 23.50 9.20

* IRON0402-001 10/01/2021

Rates Fringes

IRONWORKER, ORNAMENTAL.....\$ 25.50 14.66

PLUM0234-012 09/01/2021

Rates Fringes

PIPEFITTER (Includes HVAC
Unit Installation).....\$ 31.84 15.95

SUFL2014-043 08/16/2016

Rates Fringes

CARPENTER.....\$ 16.00 0.00
CEMENT MASON/CONCRETE FINISHER...\$ 14.61 0.00
ELECTRICIAN.....\$ 17.39 2.57

INSULATOR: Mechanical (Duct, Pipe and Mechanical System Insulation).....	\$ 20.78	10.89
IRONWORKER, REINFORCING.....	\$ 22.81	11.58
IRONWORKER, STRUCTURAL.....	\$ 23.79	8.74
LABORER: Common or General.....	\$ 11.05	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 11.69	0.00
LABORER: Pipelayer.....	\$ 13.56	1.34
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 22.07	8.80
OPERATOR: Bulldozer.....	\$ 15.40	1.90
OPERATOR: Grader/Blade.....	\$ 18.97	0.00
OPERATOR: Loader.....	\$ 14.83	1.84
OPERATOR: Roller.....	\$ 14.43	4.78
PAINTER: Brush, Roller and Spray.....	\$ 14.54	2.01
PLUMBER.....	\$ 19.40	0.36
ROOFER.....	\$ 16.99	0.00
SHEET METAL WORKER, Includes HVAC Duct Installation.....	\$ 20.05	0.00
TILE SETTER.....	\$ 18.01	0.00
TRUCK DRIVER: Dump Truck.....	\$ 13.22	2.12
TRUCK DRIVER: Lowboy Truck.....	\$ 14.24	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union, which prevailed in the survey for this classification, which in this example would be Plumbers 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and

the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Division National Office Branch of Wage Surveys. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



PROPOSAL CHECKLIST
CITY OF CALLAWAY
GORE PARK BUILDING WORK
BID NO: LS2022-06

**FORMS/ITEMS TO BE RETURNED
WITH YOUR PROPOSAL!**

The following forms are to be completed/signed by the Proposer and submitted to the City:

1. Bid/RFP Certification Form(s),
2. One (1) unbound set of bid packet with original notarized signatures, plus three (3) copies
3. Bid Bond or Cashier's Check/Certified Check in the amount of 5% of bid,
4. Proof of Insurance in amounts required by the City with the City listed as Certificate Holder and Additionally Insured (See Special Instructions & Conditions),
5. State of Florida or Bay County Contractor License or Certificate
6. Public Entity Crime Statement, [Complete items 1 and 6; notarized signature required]
7. Drug-Free Workplace Certification Form, [Complete Part I; notarized signature, or sign Part II]
8. List of Subcontractors with names of directors or owners, addresses, telephone numbers, and email address (if applicable),
9. List of a minimum of three (3) references for similar type work with contact information.
10. Proprietary/Confidential Information Form
11. Anti-Collusion Statement
12. Conflict of Interest Form
13. Certification Regarding Debarment
14. Florida Trench Safety Act Form

Note: Incomplete Bid/Proposal submissions may not be accepted/considered. Do not modify the forms! Any additional information you desire to present may be included as an attachment.

Reminder: Submit requested number of copies! (See Special Instructions and Conditions)

BID/RFP CERTIFICATION FORM
CITY OF CALLAWAY
GORE PARK BUILDING WORK
BID NO: LS2022-06

PROPOSERS CERTIFICATION TO THE CITY OF CALLAWAY:

1. The undersigned warrants that: (A) This Proposal is submitted in response to, and is in compliance with, all terms and conditions applicable thereto as set forth in the Advertisement, Instructions to Proposers, General Instructions and Conditions, Special Instructions and Conditions, Bid/RFP Certification Forms, the Minimum Technical Specifications, Addendum, Exhibits, Agreement, Bonds, and Insurance Requirements, each of which has been carefully examined, (B) Proposer or Proposer's representative has made such investigation as is necessary to determine the character and extent of the work and their capability to perform the work, and (C) agrees that if the Proposal is accepted by the City, Proposer will provide the necessary labor, materials, machinery, equipment, tools or apparatus, and perform all the work or services required to complete the assignment and/or contract within the time specified according to the requirements of the City as herein and hereinafter set forth, and (D) he/she is authorized to legally execute binding contracts for and on behalf of the Proposer.
2. Please check one:
 - Proposer declares that the only person, persons, company, or parties interested in this Proposal are named in the Proposal.
 - Proposer, or one or more of Proposer's officers, principals, or any owner of more than 5% in or of proposer, or members of their immediate families: (A) have a financial interest in another company, project, or property that could benefit financially from this proposed project; and/or (B) another individual or business will be compensated by (or on behalf of proposer) if Proposer is selected by the City for the requested services. (Attach a detailed explanation for either.)
3. Bid Bond - If the Proposal is accepted by the City, it will become a binding contract on both parties. If a Bid Bond or Cashier's Check/Certified Check is required, it shall be submitted with the Proposal. If the undersigned shall fail to deliver or perform, or if applicable, execute a Contract as stated herein, then the City may, at its option, determine that the undersigned has abandoned the Award/Contract, and thereupon such Bid and/or Award shall be null and void, and any Cashier's Check/Certified Check or Bond accompanying this Bid shall be forfeited to and become the property of the City, and the full amount of said check, or if a Bid Bond, the full amount of such bond, shall be paid to the City as partial liquidated damages; otherwise, any Bond or Cashier's Check/Certified Check accompanying this Bid shall be returned to the undersigned within 30 calendar days from the date of Award, or if provisions for a Notice to Proceed are included, from the date of the Notice to Proceed.
4. Vendor proposes and agrees to provide all materials, services or equipment required for the City of Callaway **GORE PARK BUILDING WORK BID NO: LS2022-06**, for the Total Sum(s) as follows: *(Totals must match breakdown of costs for each part on next page.)* Dollar Amount (\$_____)
Written Amount: _____
5. Number of days from date of the Notice to Proceed that will be required for the final completion of all work as described herein.

(Maximum 270 Calendar Days)
6. The City reserves the right to accept any or all prices itemized in any combination that best serves the interests of the City. The City further reserves the right to accept or reject any of the components of this Proposal, including alternates.

BASE BID ITEMS

NOTE: BIDS shall include sales tax and all other applicable taxes and fees.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>EXTENSION</u>
A. GENERAL ITEMS				
1.	Mobilization/Demobilization (Max 5% of Bid) – 75% billed at beginning of project and 25% billed at completion	LS	1	\$ _____
2.	Layout/As-Built by Land Surveyor (Min. 0.5% of Bid)	LS	1	\$ _____
3.	Testing (Asphalt, Concrete, Compaction, Hydrostatic) or as Required by plans and specifications.	LS	1	\$ _____
4.	Bonds & Insurance (Includes Builder’s Risk Policy for value of all vertical structures)	LS	1	\$ _____
5.	Erosion Control/INPDES Permitting (Includes Silt Fence and Hay Bales).	LS	1	\$ _____
6.	Temporary Project Sign	LS	1	\$ _____
SUBTOTAL A:				\$ _____
B. BID ITEMS				
1.	Fencing with all gates and Hardware (Black Vinyl Coated)	LS	1	\$ _____
2.	Restroom/Concession Stand/Storage Building (Includes but not limited to all components, including but not limited to HVAC, concession stand structure, concrete, equipment, foundation, painting, lighting, equipment, water heater, roof System, insulation, ceilings, flooring, signage, doors, windows, cabinets, tables, gutter system, electrical, plumbing, fixtures, ice machine, hardware, and finishes).	LS	1	\$ _____
3.	Concrete Work (Includes all sidewalks, detectable warning mats & ramps, turn down footers, curb, and handrails)	LS	1	\$ _____
4.	Earthwork/Grading	LS	1	\$ _____
5.	Import Select Fill for Earthwork	LS	1	\$ _____
6.	Pavilions (Including but not limited to all components and equipment, electrical lighting, foundations, hardware, fixtures and paint)	LS	1	\$ _____
7.	Picnic Tables for Pavilions	LS	1	\$ _____
8.	Underground utilities (Includes all water and wastewater components to connect services to building)	LS	1	\$ _____

9.	Electrical for Concession Stand Service Panel and Service to Florida Power & Light Transformers (Includes all electrical equipment)	LS	1	\$ _____
10.	Electrical and Lighting for Pavilion Service Panel (Includes all electrical equipment)	LS	1	\$ _____
11.	Allowance for Builders and Electrical Permit Actual Costs (Includes Coordination with Florida Power & Light).	LS	1	\$ <u>10,000.00</u>
12.	Allowance for Changes/Additions/Deletions by the City.	LS	1	\$ <u>100,000.00</u>

SUBTOTAL B: \$ _____

TOTAL LUMP SUM OF A & B: \$ _____

Contractor shall include all work in the plans in one of the line items above. If not specifically listed, it must be included.

FEES FOR ADDITIVE WORK:

1. For extra work performed by your Subcontractors, the net amount of the Subcontractor's charge plus a percentage fee of 10% which fee shall include all charges for supervision, overhead and profit, bonds, taxes and insurance.
2. For work performed by the Contractor's own forces, a reasonable estimate of the net cost of the work (less all discounts) plus a fee of 10% which fee shall include all charges for supervision, field office, general expenses, overhead and profit. Net cost, to which the percentage fee shall be applied, is understood to include state sales taxes, bonds, and delivery expenses of materials: cost of labor is to include all actual union fringe benefits, applicable insurance, and payroll taxes. Labor rates with markup will not be accepted.

The city may elect to choose any variations of line items to award the project. The city may also perform minor services in house.

7. BIDDER HEREBY ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDUMS: _____

Name of Bidder: _____

Business structure: () Corporation, () Partnership, () Individual, () Other: _____

If a Partnership: _____

Name(s) of Partner(s): _____

If a Corporation: _____

Incorporated in State of: _____ Date of Incorporation: _____

Business Address: _____

City: _____ State _____ Zip _____

Telephone Number: () _____ Fax () _____

E-mail Address: _____

Submitted By: _____
(Print)

Affix Corporate Seal
(If Corporation)

Title: _____

Signature: _____

ATTEST: _____

Secretary

By: _____
Print Name

State of Florida
County of _____

The foregoing instrument was acknowledged before
me by means of Physical Presence or
 Online Notarization

The foregoing instrument was acknowledged before me this ___ day of _____, 20__, by _____,
who is personally known to me or who presented _____ as identification, and who (did) (did not) take
an oath.

[Signature of Notary Public]

[Printed, typed or stamped name of Notary Public]

**NOTE: BIDS MAY BE REJECTED IF ALL DOCUMENTS ARE NOT COMPLETE AND EXECUTED, AND
THE NUMBER OF COPIES SPECIFIED/REQUESTED OF EACH ARE NOT SUBMITTED WITH THE
BID.**

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a),
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to City of Callaway, Florida, a Municipal Corporation, 6601 East Hwy. 22, Callaway, Florida 32404 by _____
[print individual's name and title]
for _____ whose business
[print name of entity submitting sworn statement]
address is _____
_____ and (if applicable) it's Federal Identification Number
(FEIN) is _____ (If the entity has no FEIN, include the Social Security
Number of the individual signing this sworn statement _____)
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or any agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), **Florida Statutes**, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that a "person" as defined in Paragraph 287.133(1)(e), **Florida Statutes**, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[Indicate which statement applies.]**

_____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July, 1 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

_____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **[attach a copy of the final order]**

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[signature]

LS2022-06

[Reference: RFP Number]

Sworn to and subscribed before me this ___ day of _____, 20__ . Personally known _____ or produced identification _____.

[Type of identification]

The foregoing instrument was acknowledged before me by means of Physical Presence

or

Online Notarization

Notary Public - State of _____

My Commission expires: _____

[Signature of Notary]

[Printed, typed or stamped commissioned name of Notary Public]

CITY OF CALLAWAY
DRUG-FREE WORKPLACE CERTIFICATION

Please complete Part I or Part II as applicable.

In order to be given preference in the award process for having implemented a drug-free workplace program prior to the Bid/Proposal submission date, the Bidder/Proposer is requested to certify that as part of their drug-free workplace program, they have:

1. Published a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specified the actions that will be taken against employees for violations of such prohibition.
2. Informed employees about the dangers of drug abuse in the workplace, the business policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Given each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Subsection 1.
4. In the statement specified in Subsection 1, notified the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Imposed a sanction on, or required the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by any employee who is so convicted.
6. Made a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Part I - PROGRAM IMPLEMENTED

I certify that I/we have established a drug-free workplace program meeting the foregoing minimum requirements.

[Printed, typed name]

[Signature]

State of Florida

County of _____

The foregoing instrument was acknowledged before me this ____ day of _____, 20__, by _____, who appeared by means of Physical Presence or Online Notarization, is personally known to me or who presented _____ as identification, and who (did) (did not) take an oath.

[Signature of Notary Public]

[Printed, typed or stamped name of Notary Public]

[Commission Number of Notary Public]

Part II - PROGRAM NOT IMPLEMENTED

A program meeting the above stated requirements has not been established or has not been fully implemented prior to Bid/Proposal closing date, and therefore I/we are not eligible for certification as a drug-free workplace.

[Signature]

[Date]

**PROPRIETARY/CONFIDENTIAL INFORMATION
CITY OF CALLAWAY GORE PARK BUILDING WORK
BID NO. LS2022-06**

Name of Firm of Bidder/Vendor: _____

Trade secrets or proprietary information submitted by a Vendor shall not be subject to public disclosure under the Freedom of Information Act; however, the Vendor must invoke such protections provided by state law, in writing, either before or at the time the data or other material is submitted. The written notice must specifically identify the data or materials to be protected, including the section of the proposal in which it is contained, as well as the page number(s), and state the reasons why protection is necessary. The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute a trade secret or proprietary information. In addition, a summary of proprietary information provided shall be submitted on this form. The designation of an entire proposal document, line item prices, and/or total proposal prices as proprietary or trade secrets is not acceptable. If, after being given reasonable time, the Vendor refuses to withdraw such a classification designation, the proposal will be rejected.

SECTION/TITLE	PAGE NUMBER(S)	REASON(S) FOR WITHHOLDING FROM DISCLOSURE

Check this box if there are none.
This document must be completed and returned with proposal.

**CITY OF CALLAWAY GORE PARK BUILDING WORK
BID NO. LS2022-06**

CONFLICT-OF-INTEREST FORM

The award of a bid or acceptance of proposal is subject to Chapter 112, Florida Statutes*. All Bidders/Proposers must disclose with their Bid/Proposal the name of any officer, director, or agent who is a city official or employee, or a member of an official's or employee's immediate family. Further, Bidders/Proposers must disclose the name of any city official or employee, or a member of an official's or employee's immediate family, who owns directly or indirectly an interest of ten percent (10%) or more in the bidder's/proposer's firm or related business.

CERTIFICATION

- I declare that I do not have any matters which might give rise to a real or perceived conflict of interest.

- I hereby disclose that the following named person(s) is an Officer, Director, or Agent who is also a City Official, Employee, or member of a City Official or Employee's immediate family and could pose a possible conflict of interest:

Name: _____

Affiliation: _____

By signing below, I affirm that I have read and understood the principles of conflict-of-interest disclosure and I have made full disclosure of all matters that may put me in a conflict-of-interest situation in performing my role.

I acknowledge that non-disclosure could result in action being taken to terminate my work with the City of Callaway and potentially bar me from submissions of Bids/RFPs in the future.

Signature

Printed Name

Company

Project/Bid/RFP Number: _____ Date: _____

*Florida Statutes Chapter 112.311(5) It is hereby declared to be the policy of the state that no officer or employee of a state agency or of a county, city, or other political subdivision of the state, and no member of the Legislature or legislative employee, shall have any interest, financial or otherwise, direct or indirect; engage in any business transaction or professional activity; or incur any obligation of any nature which is in substantial conflict with the proper discharge of his or her duties in the public interest.

ANTI-COLLUSION STATEMENT

I hereby attest that I am the person responsible within my company for the final decision as to the price(s) and amount of this Bid or, if not, that I have written authorization, enclosed herewith, from that person to make the statements set out below on his or her behalf and on behalf of my company.

I further attest that:

- A. The price(s) and amount of this Bid have been arrived at independently, without consultation, communication or agreement for the purpose or with the effect of restricting competition with any other company or person who is a Bidder or potential Prime Bidder.
- B. Neither the price(s) nor the amount of this Bid have been disclosed to any other company or person who is a Bidder or potential Prime Bidder on this Project, and will not be so disclosed prior to Bid Opening.
- C. Neither the prices nor the amount of the Bid of any other company or person who is a Bidder or potential Prime Bidder on this Project have been disclosed to me or my company.
- D. No attempt has been made to solicit, cause or induce any company or person who is a Bidder or potential Prime Bidder to refrain from Bidding on this project, or to submit a Bid higher than the Bid of this company, or any intentionally high or noncompetitive Bid or other form of complementary Bid.
- E. No agreement has been promised or solicited for any other company or person who is a Bidder or potential Prime Bidder on this Project to submit an intentionally high, noncompetitive or other form of complementary Bid on this project.
- F. The Bid of my company is made in good faith and not pursuant to any consultation, communication, agreement or discussion with, or inducement or solicitation by or from any company or person to submit any intentionally high, noncompetitive or other form of complementary Bid.
- G. My company has not offered or entered into a subcontract or agreement regarding the purchase or sale of materials or services from any company or person, or offered, promised or paid cash or anything of value to any company or person, whether in connection with this or any other project, in consideration for an agreement or promise by any company or person to refrain from bidding or to submit any intentionally high, noncompetitive or other form of complementary bid or agreeing or promising to do so on this project.

- H. My company has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any company or person, and has not been promised or paid cash or anything of value by any company or person, whether in connection with this or any other Project, in consideration for my company's submitting any intentionally high, noncompetitive or other form of complementary Bid, or agreeing or promising to do so, on this Project.
- I. I have made a diligent inquiry of all members, officers, employees, and agents of my company with responsibilities relating to the preparation, approval, or submission of my company's Bid on this Project and have been advised by each of them that he or she has not participated in any communication, consultation, discussion, agreement, collusion, or other conduct inconsistent with any of the statements and representations made in this affidavit.
- J. I understand and my company understands that any misstatement in this affidavit is and shall be treated as a fraudulent concealment of the true facts relating to submission of Bids for this Contract.

I DECLARE UNDER PENALTY OF PERJURY IN THE SECOND DEGREE, AND ANY OTHER APPLICABLE STATE OR FEDERAL LAWS THAT THE STATEMENTS MADE ON THIS DOCUMENT ARE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Signature

Company Name

Title

Address

Date

Phone Number

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: _____

By: _____

Date: _____

Title: _____

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

CERTIFICATE OF COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT

Bidder acknowledges sole responsibility for complying with the Florida Trench Safety Act (Act) and Occupational Safety and Health Administration's excavation safety standard 29 CFR 1926.650 (Subpart P as amended). Bidder further acknowledges that included in the various items of the proposal and in the Grand Total Base Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990. The bidder further identifies the costs to be summarized below:

	Trench Safety Method (Description)	Units of Measure (LF, SY)	Unit (Quantity)	Unit Cost	Extended Cost
A.	_____	_____	_____	_____	_____
B.	_____	_____	_____	_____	_____
C.	_____	_____	_____	_____	_____
D.	_____	_____	_____	_____	_____
				Total:	\$ _____

Failure to complete the above may result in the bid being declared non-responsive. The costs indicated above are provided to comply with the Act and shall not constitute grounds for any additional compensation to that listed for the separate line items of the Bid Form.

By: _____

Bidder _____

Date _____

Authorized Signature

**CITY OF CALLAWAY
GORE PARK BUILDING WORK
BID NO: LS2022-06**

**MINIMUM TECHNICAL
SPECIFICATIONS**

SCOPE OF WORK

The project includes a new football field, practice field, baseball field, basketball court, tennis court, field lighting for all fields/courts, site lighting, walking trail, fencing, parking improvements, and associated site work.

The following sections are applicable to this project:

ELECTRICAL SPECIFICATIONS

16010 General Electric	5
16110 Raceways and Fittings	3
16120 Wires and Cables	2
16170 Disconnect Switches.....	2
16440 Panel Boards	7
16450 Grounding.....	2
16460 LV Transformers	3

APPENDICES

- A. Project Sign
- B. Geotechnical Report
- C. Pay Request Form

SECTION 16010
GENERAL ELECTRICAL

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General Conditions and Supplementary General Conditions sections apply to work specified in Division 16.

1.2 RELATED WORK:

The Contractor's attention is directed to the following Divisions of these specifications for related work that may require Division 16 compliance:

Division 15

1.3 DESCRIPTION OF WORK:

Furnish all labor, materials, equipment and incidentals required to complete all electrical work at the proposed Cain Griffin Park in Bay County, Florida as specified here and shown on the Contract Drawings.

The work, apparatus and materials furnished under these Specifications and accompanying Drawings shall include all items listed here and shown on the Drawings. Line voltage connections to equipment furnished as specified in other sections of these Specifications or shown on other than the Electrical Drawings shall be governed by this Division of the Specifications.

Each bidder or his authorized representatives shall visit the job site(s) and carefully inspect the present conditions before preparing his bid. The submission of a bid will be considered evidence that such a visit and inspection was performed by the bidder and that he takes full responsibility for all factors governing his work.

It is the intent of these Specifications and Drawings that the electrical systems shall be complete, fully operational, and suitable in every way for the service required. Drawings are diagrammatic in nature and do not show in every detail all devices and incidental materials necessary to accomplish the intent. Therefore, the Contractor shall understand that such devices and incidental materials required shall be furnished at no cost to the Owner.

1.4 TEMPORARY LIGHTING AND POWER:

Provide temporary lighting and power as required during construction.

The Contractor shall pay all service connection fees for temporary power installation and all electrical bills for temporary construction power required for completing the project.

Temporary wiring shall be done in a safe and neat manner. See Article 305 of the NEC.

1.5 SERVICE:

Contractor shall pay all fees and charges as required to obtain temporary and permanent service(s) if applicable. Contractor shall coordinate with electrical utility company to determine the location of the service transformer(s) and all utility company requirements for the service.

1.6 SUBMITTALS:

Manufacturers' data in the form of "cut sheets" and engineering drawings shall be submitted to the Engineer on the equipment listed below and in other Sections of Division 16 before delivery to the work site. Review of the submittal by the Engineer is to check for general conformance to the design intent and shall not relieve the Contractor of the responsibility for the correctness of all dimensions and the correct fitting of all parts of the work.

- Panelboards and Circuit Breakers
- Disconnect Switches
- Plugs and Receptacles
- Motor Starters
- Transformers
- Lighting Fixtures
- Surge Protective Devices
- Control Panels

The manufacturers' names and catalog numbers shall be submitted for the following materials:

- Conduit, Fittings, and Couplings
- Boxes and Fittings
- Wire and Cable

The submittal shall be thoroughly checked by the Contractor for accuracy and compliance with the contract requirements. Shop drawings and "cut sheets" shall bear the date checked and shall be accompanied by a statement by the Contractor that they have been checked for conformity to Specifications and Drawings. Shop submittals not so checked and noted will be returned without review.

1.7 CODES, INSPECTION AND FEES:

Division 16 work shall be in accordance with the latest edition of the following codes and ordinances:

- The National Electrical Code (NFPA 70)
- The National Electrical Safety Code
- The Life Safety Code (NFPA 101)
- The Southern Standard Building Code (SBCCI)
- Serving Utility Company
- State and Municipal

Contractor shall pay all fees for permits and inspections.

1.8 RECORD DRAWINGS:

At Job Close-out submit three (3) copies of the following:

Complete and accurate sets of Record Drawings showing clearly deviations to the Contract Drawings.

Bound sets of Equipment Operation and Maintenance Instructions.

Test results required in other sections of this division.

1.9 GUARANTEES:

In addition to the guarantee of equipment by the manufacturer the Contractor shall also guarantee such equipment for a period of one (1) year from final acceptance by the Owner. The Contractor's one (1) year guarantee shall be for equipment, materials, and labor.

Additional guarantee requirements may be in the General and Special Conditions of these specifications.

PART 2 - PRODUCTS

2.1 EQUIPMENT AND MATERIALS:

Furnish materials or equipment specified by manufacturer's names unless approval of other manufacturers is listed in addendum to these specifications.

The materials furnished shall be new, undamaged and packed in the original manufacturer's packing.

Equipment and materials shall at all times during construction be protected from mechanical and water damage. Equipment shall not be stored out-of-doors. Damaged materials and equipment shall be replaced by the Contractor at no cost to the Owner.

All electrical panels, enclosures, raceways, conduit, and boxes shall be fabricated of metal unless indicated otherwise.

2.2 EQUIPMENT AND MATERIALS STANDARDS:

The design and fabrication of electrical equipment and materials furnished under Division 16 shall comply with the latest edition and revisions of the following codes and standards:

The American National Standards Institute (ANSI)
The American Society of Mechanical Engineers (ASME)
The American Society for Testing and Materials (ASTM)
The Institute of Electrical and Electronic Engineers (IEEE)

The National Electrical Manufacturers Association (NEMA)
The Occupational Safety and Health Administration (OSHA)
The Underwriters Laboratories (UL)
The National Fire Protection Association (NFPA)
The National Electrical Code (NEC)

PART 3 - EXECUTION

3.1 SUPERVISION

The electrical work shall be supervised by a licensed journeyman or master electrician who shall be on the job site at all times while work is in progress.

3.2 EQUIPMENT IDENTIFICATION:

Engraved nameplates shall be of laminated plastic with black surface and white 1/8" high letters secured with stainless steel screws.

All major components of the distribution system shall have engraved nameplates.

All panelboards, motor starters, contactors, disconnect switches, and control panels shall have engraved nameplates identifying the equipment served.

Panelboards shall have typed directories with all loads indicated for each circuit.

3.3 CLEANING:

All equipment and boxes shall be thoroughly cleaned inside and outside at the completion of installation. Do not leave dirt and debris inside panelboard and equipment cabinets, device and junction boxes, etc.

3.4 PAINTING:

Touchup scratched or marred surfaces of lighting fixtures, panelboards, switchboards, etc. with paint furnished by the equipment manufacturers specifically for the purpose.

3.5 EXCAVATION, TRENCHING AND BACKFILLING:

Perform all excavation and trenching to install raceways indicated on the drawings.

No tunneling shall be allowed unless written permission is received by the Architect / Engineer.

Excavated material not suitable for backfill shall be removed from the job site.

Insure that the bottom of trenches is uniform (without large rocks or lumps of dirt) which could damage the raceway or conductors.

Backfill with material that will compacted readily.

Compact backfill material from bottom of excavation up to 95% of surrounding undisturbed material.

Cover shall not be less than surrounding grade and no greater than 2" above surrounding grade.

3.6 TESTS:

Contractor shall test all wiring for shorts and proper grounding before energizing. Equipment shall be thoroughly checked and adjusted for proper operation. All controls shall be set to perform as intended. Motors shall be checked for proper rotation.

END OF SECTION 16010

SECTION 16110
RACEWAYS AND FITTINGS

PART 1 - GENERAL

1.1 SCOPE OF WORK:

Furnish and install complete raceway systems as indicated on the Drawings and as specified here.

1.2 APPLICATIONS:

All interior and above grade exterior wiring shall be installed in a metal conduit, and all embedded in concrete or below grade wiring shall be in Rigid PVC conduit unless indicated otherwise on the drawings.

All exterior, above grade, conduits shall be rigid steel or rigid aluminum.

Liquid Tight flexible metal raceway is acceptable as long as installed per NEC.

Conduits and fittings installed in or around pool equipment with chlorine shall be corrosion resistant.

All conduit of a given type shall be the product of one manufacturer.

Utility service conduit(s) shall be as required by the utility company.

PART 2 - PRODUCTS

2.1 RIGID CONDUIT AND FITTINGS:

Rigid steel and aluminum conduit shall be conforming to the requirements of UL 6 and ANSI C80.1 standards.

Fittings for rigid aluminum or steel conduit shall be the threaded type manufactured by RACO, Steel City, or Thomas & Betts (T&B).

Plastic conduit for direct burial shall be UL labeled Schedule 40 PVC manufactured to NEMA TC 2-1983 specifications, WC-1094A Federal specifications, and UL-651 specifications unless otherwise noted or required.

Fittings for plastic conduit shall be manufactured to NEMA TC 3-1982 specifications.

2.2 FLEXIBLE METAL CONDUIT, COUPLINGS, AND FITTINGS:

All flexible metal conduit for damp or exterior applications shall be Liquid Tight UL listed spiral wound galvanized steel with a PVC outer jacket type.

Fittings for liquid tight conduit shall be manufactured RACO, Steel City, or T&B.

2.3 CONDUIT MOUNTING EQUIPMENT:

Hangers, rods, backplates, beam clamps etc. shall be hot-dipped galvanized iron, steel, or aluminum suitable for in a corrosive environment. They shall be as manufactured by the Appleton Electric Co., Thomas and Betts Co., Unistrut Corp., or approved equal.

PART 3 - EXECUTION

3.1 INSTALLATION:

Provide pull strings in all conduits (utilized and spare conduits).

No conduit shall any have more than three 90 degree bends in any one run. Pull boxes shall be provided as required or directed. No run shall exceed 200' without a pullbox.

No wire shall be pulled until the conduit system is complete in all details.

The ends of all conduits shall be tightly plugged to exclude dust and moisture during construction.

Aluminum conduit threads shall be cleaned and coated with a grease metallic type conductive compound suitable for use on nonferrous conduits.

Conduit support shall be spaced at intervals of 8 ft. or less, adjacent to all couplings, and additionally as required to obtain rigid construction.

Conduit hangers shall be attached to structural steel by means of beam or channel clamps.

Bends in parallel conduit runs shall be concentric. All conduits shall be run perfectly straight and true.

Conduit terminating in knockouts shall have Meyer's hubs.

Conduits shall be installed using threaded fittings and couplings.

Liquid Tight Flexible metal conduit shall be used for all motor terminations, not in wet wells, and other equipment where vibration is present. Flexible conduit lengths shall not exceed 1'-6" in length for this application.

Liquid Tight Flexible metal conduit used for installing lighting fixtures shall not exceed 6' in length.

Where hazardous locations exist (as defined and classified by the National Electrical Code), all conduit, fittings and installation shall comply with Article 500 of the NEC. Conduits from wet wells shall have "seal offs" before entry into any control panel, junction box, etc.

Provide expansion coupling every 100 feet for long runs of conduit and at concrete expansion joints. Provide ground bonding jumpers around expansion couplings, used on metallic conduit,

sized according to Table 250-95 of the NEC.

Set top of underground conduits a minimum of 2' below finish subgrade, or as required for conditions defined by NEC, or as required per local codes. Service conduits shall be at minimum depth required by the serving electric utility company.

END OF SECTION 16110

**SECTION 16120
WIRE AND CABLES**

PART 1- GENERAL

1.1 SCOPE OF WORK:

Furnish, install and test all wire, cable, and appurtenances as shown on the Drawings and as hereinafter specified.

1.2 APPLICATIONS:

Wire for lighting and single power circuits shall be type THHN/THWN-2, 90 degree C temperature rating, suitable for the environment (wet, damp, etc.) unless otherwise noted.

Single conductor wire for control, indication, and metering shall be type THHN/THWN-2, minimum No. 14 AWG, stranded.

Tray Cable shall contain a minimum of 20 conductors and shall be No. 12 AWG, stranded.

Ground wires shall be Green and Neutrals shall be White or Gray. Green and White shall be used for these purposes only.

Color coding of all ungrounded service, feeder, and branch circuits conductors shall be required according to the following convention:

120/240 Volt, 1 phase: black and red

120/208 Volt, 3 phase: black, red, and blue

277/480 Volt, 3 phase: brown, orange, and yellow (gray neutral)

Parallel wire runs shall be run in separate conduits of the same material and as close as possible to the same length.

1.3 MINIMUM SIZES:

Except for control and signal leads, no wire smaller than No. 12 AWG shall be used.

PART 2- PRODUCTS

2.1 MATERIALS:

Wires and cables shall be of annealed, 98% conductivity, soft drawn copper unless indicated otherwise on the Drawings or in these Specifications.

All conductors No. 14 AWG and larger sizes shall be stranded.

2.2 600 VOLT WIRE:

Type THHN/THWN-2 shall be manufactured by Southwire, Okonite Co., or equal.
Multi-conductor control cable shall be stranded copper, 600 Volt polyvinyl chloride insulated and jacketed Type PNR as manufactured by Cerro Wire and Cable Co., General Electric, The Okonite Co., or equal.

2.3 INSTRUMENTATION CABLE:

Process instrumentation wire shall be twisted pair, 600 Volt, polyethylene insulated, copper tape shielded, polyvinyl chloride jacketed, manufactured by General Electric Co., Okonite Co., Belden Corp., or equal.

2.4 WIRE AND CABLE MARKERS:

Wire and cable markers shall be "Omni-Grip" as manufactured by W.H. Brady Co., or equal.

PART 3 - EXECUTION

3.1 INSTALLATION:

All conductors shall be carefully handled to avoid kinks or damage to insulation.

Wiring of different system voltages shall be installed in separate raceways.

All wires, cables, and each conductor of multi-conductor cables shall be uniquely identified at each end by color or with wire and cable markers. Lighting and receptacle wiring shall be distinctly differentiated and junction boxes marked.

Lubrications shall be used, if required, to facilitate wire pulling. Lubricants shall be U.L. approved for use with the insulation specified.

Shielded instrumentation wire shall be installed from terminal to terminal with no splicing at any intermediate point.

Shielding on instrumentation wire shall be grounded at the transmitter end only.

3.2 TESTS:

All 600 Volt wire insulation shall be tested with a "megger" after installation. Tests shall be made at not less than 500 Volts.

END OF SECTION 16120

**SECTION 16170
DISCONNECT SWITCHES**

PART 1 - GENERAL

1.1 SCOPE OF WORK:

Furnish and install all circuit disconnects (safety switches) indicated on the Drawings and as specified herein.

1.2 APPLICATIONS:

Service Entrance – Switches identified for use as service equipment are to be labeled for this application.

Equipment Disconnect – Switches serving as equipment disconnects shall be lockable, heavy duty type, rated as shown on the plans or required for the equipment served.

Exterior disconnects shall be in Nema 3R enclosures, interior disconnects shall be in Nema 1 enclosures.

PART 2 - PRODUCTS

2.1 GENERAL:

Switches shall be manufactured by Square D Company, GE, or Cutler Hammer.

Disconnect switches shall be NEMA type HD (Heavy Duty) and UL listed.

Switches shall have switch blades fully visible in the "OFF" position when the door is open.

Switches shall be quick-make, quick-break such that, the operation of the contacts (blades) shall not be capable of being restrained by the operation of the operating handle after the closing or opening action has been initiated.

Provisions for padlocking the switch in the "OFF" position with at least three (3) locks shall be provided.

Switches shall have interlock to prevent the unauthorized opening of the door when the handle is in the "ON" position.

The handle position shall clearly indicate whether the switch is "ON" or "OFF".

2.2 CONSTRUCTION:

Switch covers shall be attached with welded pin-type hinges (Type 1, 12, 12K, 4-4X-5 stainless steel) or top hinged, attached with removable screws and securable in the open position (Type 3R).

The enclosure shall be finished with gray baked enamel paint which is electrodeposited on cleaned, phosphate pre-treated steel (Type 1) or gray baked enamel paint which is electrodeposited on cleaned, phosphate pre-treated galvanized steel (Type 3R, 12, 12K) or brush finish on type 304 stainless steel (Type 4-4X-5 stainless steel)

The enclosure shall have ON and OFF markings stamped into the cover.

The operating handle shall be provided with a dual colored, red/black position indication.

All switches shall have provisions to accept up to three 3/8 in hasp padlocks to lock the operating handle in the OFF position.

NEMA 4X enclosures shall be manufactured from stainless steel and contain all copper current carrying parts.

All current carrying parts shall be plated to resist corrosion.

2.3 RATINGS:

Lugs shall be front removable and be UL listed for aluminum or copper conductors at 60°C or 75°C.

Disconnect switches shall be horsepower rated.

The UL Listed short circuit current rating of the switches shall be: 10,000 rms symmetrical amperes when used with or protected by Class H or K fuses (30-600 ampere), 200,000 rms symmetrical amperes when used with or protected by Class R or Class J fuses (30-600 ampere switches employing appropriate fuse rejection schemes), 200,000 rms symmetrical amperes when used with or protected by Class L fuses (800-1200 ampere).

PART 3 - EXECUTION

3.1 INSTALLATION:

Disconnects shall be labeled according to Section 16010.

END OF SECTION 16170

SECTION 16440
PANELBOARDS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Panelboards - Furnish and install panelboard(s) as specified herein and where shown on the associated schedules and drawings.

1.02 REFERENCES

The panelboard(s) and circuit breaker(s) referenced herein are designed and manufactured according to the latest revision of the following specifications.

- A. NEMA PB 1 - Panelboards
- B. NEMA PB 1.1 - Instructions for Safe Installation, Operation and Maintenance of Panelboards Rated 600 Volts or Less.
- C. NEMA AB 1 - Molded Case Circuit Breakers
- D. UL 50 - Enclosures for Electrical Equipment
- E. UL 67 - Panelboards
- F. UL 489 - Molded-Case Circuit Breakers and Circuit Breaker Enclosures
- G. CSA Standard C22.2 No. 29-M1989 - Panelboards and Enclosed Panelboards
- H. CSA Standard C22.2 No. 5-M91 - Molded Case Circuit Breakers
- I. Federal Specification W-P-115C - Type I Class 1
- J. Federal Specification W-C-375B/Gen - Circuit Breakers, Molded Case, Branch Circuit and Service.
- K. Federal Specification W-C-865C - Fusible Switches
- L. NFPA 70 - National Electrical Code (NEC)
- M. ASTM - American Society of Testing Materials

1.03 SUBMITTAL AND RECORD DOCUMENTATION

- A. Approval documents shall include drawings. Drawings shall contain overall panelboard dimensions, interior mounting dimensions, and wiring gutter dimensions. The location of the main, branches, and solid neutral shall be clearly shown.

1.04 QUALIFICATIONS

- A. Company specializing in manufacturing of panelboard products with a minimum of fifty (50) years documented experience.
- B. Panelboards shall be manufactured in accordance with standards listed Article 1.02 - REFERENCES.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Inspect and report concealed damage to carrier within their required time period.

- B. Handle carefully to avoid damage to panelboard internal components, enclosure, and finish.
- C. Store in a clean, dry environment. Maintain factory packaging and, if required, provide an additional heavy canvas or heavy plastic cover to protect enclosure(s) from dirt, water, construction debris, and traffic.

1.06 OPERATIONS AND MAINTENANCE MATERIALS

- A. Manufacturer shall provide installation instructions and NEMA Standards Publication PB 1.1 - Instructions for Safe Installation, Operation and Maintenance of Panelboards Rated 600 Volts or Less.

1.07 WARRANTY

- A. Manufacturer shall warrant specified equipment free from defects in materials and workmanship for the lesser of one (1) year from the date of installation or eighteen (18) months from the date of purchase.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Shall be Square D Company, GE, or Cutler Hammer

2.02 277/480VAC PANELBOARDS

- A. 277/480V Panelboards
 - 1. Interior
 - a. Shall be type NF, I-Line, or equal panelboard for 480Y/277 Vac maximum. Continuous main current ratings, as indicated on associated drawings, not to exceed 600 amperes for main breaker panelboards and not to exceed 800 amperes for main lug panelboards.
 - b. Minimum Short Circuit Rating:
35,000 rms symmetrical amperes at 480Y/277 Vac.
Provide one (1) continuous bus bar per phase. Each bus bar shall have sequentially phased branch circuit connectors limited to bolt-on branch circuit breakers. The bussing shall be fully rated. Panelboard bus current ratings shall be determined by heat-rise tests conducted in accordance with UL 67. Bussing rated 100-400 amperes shall be plated copper. Bussing rated for 600 and 800 amperes shall be plated copper as standard construction. Bus bar plating shall run the entire length of the bus bar. Panelboards shall be suitable for use as Service Equipment when application requirements comply with UL 67 and NEC Articles 230-F&G.
 - c. All current-carrying parts shall be insulated from ground and phase-to-phase by high dielectric strength thermoplastic.
 - d. A solidly bonded copper equipment ground bar shall be provided.
 - e. Interior trim shall be of dead-front construction to shield user from energized parts. Dead-front trim shall have filler plates covering unused mounting space.
 - f. Nameplates shall contain system information and catalog number or

- factory order number. Interior wiring diagram, neutral wiring diagram, CSA/UL Listed label and short circuit current rating shall be displayed on the interior or in a booklet format.
- g. Interior phase bus shall be pre-drilled to accommodate field installable options. (i.e., Sub-Feed Lugs, Sub-Feed Breakers, Thru-Feed Lugs)
2. Main Circuit Breaker
 - a. Main circuit breakers shall have an overcenter, trip-free, toggle mechanism which will provide quick-make, quick-break contact action. Circuit breakers shall have a permanent trip unit with thermal and magnetic trip elements in each pole. Each thermal element shall be true rms sensing and be factory calibrated to operate in a 40° C ambient environment. Thermal elements shall be ambient compensating above 40°C
 - b. Two- and three-pole circuit breakers shall have common tripping of all poles.
 - c. Circuit breaker handle and faceplate shall indicate rated ampacity. Standard construction circuit breakers shall be UL Listed for reverse connection without restrictive line or load markings.
 - d. Circuit breaker escutcheon shall have ON/OFF markings.
 - e. Lugs shall be UL Listed to accept solid or stranded copper and aluminum conductors.
 3. Branch Circuit Breakers
 - a. Circuit breakers shall be UL Listed with amperage ratings, interrupting ratings, and number of poles as indicated on the panelboard schedules.
 - b. Molded case branch circuit breakers shall have bolt-on type bus connectors.
 - c. Circuit breakers shall have an overcenter toggle mechanism which will provide quick-make, quick-break contact action. Circuit breakers shall have thermal and magnetic trip elements in each pole. Two- and three-pole circuit breakers shall have common tripping of all poles.
 - d. There shall be two forms of visible trip indication. The circuit breaker handle shall reside in a position between ON and OFF. In addition, there shall be a red TRIP indicator appearing in the clear window of the circuit breaker housing.
 - f. Lugs shall be UL Listed to accept solid or stranded copper and aluminum conductors.
 - g. Breaker shall be UL Listed with the following ratings: (15-125A) Heating, Air Conditioning, and Refrigeration (HACR), (15-30A) High Intensity Discharge (HID), (15-20A) Switch Duty (SWD), (15-50A) Equipment Protection Device (EPD) (480Y/277Vac maximum).
 4. Enclosures
 - a. Type 1 Boxes
 - 1) Boxes shall be hot zinc dipped galvanized steel constructed in accordance with UL 50 requirements. Unpainted galvanized steel is not acceptable.
 - 2) Boxes shall have removable endwalls with knockouts located on one end. Boxes shall have welded interior mounting studs. Interior mounting brackets are not required.
 - 3) Box width shall not exceed 20" wide.

- b. Type 1 Fronts
 - 1) Front shall meet strength and rigidity requirements per UL 50 standards. Shall have ANSI 49 gray enamel electrodeposited over cleaned phosphatized steel.
 - 2) Fronts shall be hinged 1-piece with door. Mounting shall be surface as indicated on associated schedules.
 - 3) Front shall have flat latch type lock with catch and spring loaded stainless steel door pull. All lock assemblies shall be keyed alike. One (1) key shall be provided with each lock. A clear plastic directory card holder shall be mounted on the inside of door.
- c. Type 3R, 5, and 12
 - 1) Enclosures shall be constructed in accordance with UL 50 requirements. Enclosures shall be painted with ANSI 49 gray enamel electrodeposited over cleaned phosphatized steel.
 - 2) All doors shall be gasketed and equipped with a tumbler type vault lock and two (2) additional quarter turn fasteners on enclosures 59 inches or more in height. All lock assemblies shall be keyed alike. One (1) key shall be provided with each lock. A clear plastic directory card holder shall be mounted on the inside of door.
 - 3) Maximum enclosure dimensions shall not exceed 21" wide and 9.5" deep.

2.03 120/240 VAC PANELBOARDS

A. 120/240V Panelboards

1. Interior

- a. Shall be rated for 240 Vac/48 Vdc maximum. Continuous main current ratings, as indicated on associated schedules, not to exceed 600 amperes maximum.
- b. Minimum short circuit current rating: 10,000 in rms symmetrical amperes at 240 Vac.
- c. Provide one (1) continuous bus bar per phase. Each bus bar shall have sequentially phased branch circuit connectors suitable for plug-on or bolt-on branch circuit breakers. The bussing shall be fully rated. Panelboard bus current ratings shall be determined by heat-rise tests conducted in accordance with UL 67. Bussing rated 100-400 amperes shall be plated copper. Bussing rated for 600 amperes shall be plated copper as standard construction. Bus bar plating shall run the entire length of the bus bar. Panelboards shall be suitable for use as Service Equipment when application requirements comply with UL 67 and NEC Articles 230-F&G.
- e. All current-carrying parts shall be insulated from ground and phase-to-phase by high dielectric strength thermoplastic.
- f. A solidly bonded copper equipment ground bar shall be provided. An additional copper isolated/insulated ground bar shall also be provided.
- g. Interior trim shall be of dead-front construction to shield user from energized parts. Dead-front trim shall have pre-formed twist outs covering unused mounting space.
- h. Nameplates shall contain system information and catalog number or factory order number. Interior wiring diagram, neutral wiring diagram, UL Listed label and short circuit current rating shall be displayed on the

- interior or in a booklet format.
2. Main Circuit Breaker
 - a. Main circuit breakers shall have an overcenter, trip-free, toggle mechanism which will provide quick-make, quick-break contact action. Circuit breakers shall have a permanent trip unit with thermal and magnetic trip elements in each pole. Each thermal element shall be true rms sensing and be factory calibrated to operate in a 40° C ambient environment. Thermal elements shall be ambient compensating above 40°C.
 - b. Two- and three-pole circuit breakers shall have common tripping of all poles.
 - c. Breaker handle and faceplate shall indicate rated ampacity. Standard construction circuit breakers shall be UL Listed for reverse connection without restrictive line or load markings.
 - d. Circuit breaker escutcheon shall have ON/OFF markings.
 - e. Lugs shall be UL Listed to accept solid or stranded copper and aluminum conductors. Lugs shall be suitable for 75° C rated wire or 90° C rated wire, sized according to the 75° C temperature rating per NEC Table 310-16. Lug body shall be bolted in place; snap-in designs are not acceptable.
 - f. The circuit breakers shall be UL Listed for use with the following accessories: Shunt Trip, Under Voltage Trip, Ground Fault Shunt Trip, Auxiliary Switch, Alarm Switch, Mechanical Lug Kits, and Compression Lug Kits.
 3. Branch Circuit Breakers
 - a. Circuit breakers shall be UL Listed with amperage ratings, interrupting ratings, and number of poles as indicated on the associated schedules.
 - b. Molded case branch circuit breakers shall have bolt-on type bus connectors.
 - c. Circuit breakers shall have an overcenter toggle mechanism which will provide quick-make, quick-break contact action. Circuit breakers shall have thermal and magnetic trip elements in each pole. Two- and three-pole circuit breakers shall have common tripping of all poles.
 - d. There shall be two forms of visible trip indication. The breaker handle shall reside in a position between ON and OFF. In addition, there shall be a red TRIP indicator appearing in the clear window of the circuit breaker housing.
 - e. The exposed faceplates of all branch circuit breakers shall be flush with one another.
 - f. Lugs shall be UL Listed to accept solid or stranded copper and aluminum conductors. Lugs shall be suitable for 75° C rated wire or 90° C rated wire, sized according to the 75° C temperature rating per NEC Table 310-16. Branch circuit breakers rated 30 amperes and below shall be UL Listed to accept 60° C rated wire.
 - g. Breakers shall be UL Listed for use with the following factory installed accessories: Shunt Trip, Auxiliary Switch, and Alarm Switch.
 4. Enclosures
 - a. Type 1 Boxes
 - 1) Boxes shall be galvanized steel constructed in accordance with UL 50 requirements. Galvannealed steel will not be acceptable.
 - 2) Boxes shall have removable endwalls with knockouts located on one

- end. Boxes shall have welded interior mounting studs. Interior mounting brackets are not required.
- 3) Box width shall be 20" wide maximum.
- b. Type 1 Fronts
- 1) Front shall meet strength and rigidity requirements per UL 50 standards. Front shall have ANSI 49 gray enamel electrodeposited over cleaned phosphatized steel.
 - 2) Fronts shall be hinged 1-piece with door. Mounting shall be surface as indicated on associated schedules/drawings.
 - 3) Front shall have cylindrical tumbler type lock with catch and spring-loaded stainless steel door pull. All lock assemblies shall be keyed alike. One (1) key shall be provided with each lock. A clear plastic directory cardholder shall be mounted on the inside of door.
- c. Type 3R, 5, and 12
- 1) Enclosures shall be constructed in accordance with UL 50 requirements. Enclosures shall be painted with ANSI 49 gray enamel electrodeposited over cleaned phosphatized steel.
 - 2) All doors shall be gasketed and equipped with a tumbler type vault lock and two (2) additional quarter turn fasteners on enclosures 59 inches or more in height. All lock assemblies shall be keyed alike. One (1) key shall be provided with each lock. A clear plastic directory cardholder shall be mounted on the inside of door.
 - 3) Maximum enclosure dimensions shall not exceed 21" wide and 6.5" deep.
- d. Type 4X
- 1) Enclosures shall be constructed in accordance with UL 50 requirements. Enclosures shall be painted corrosion resistant type 304 stainless steel.
 - 2) All doors shall be gasketed and equipped with a tumbler type vault lock and two (2) additional quarter turn fasteners on enclosures 59 inches or more in height. All lock assemblies shall be keyed alike. One (1) key shall be provided with each lock. A clear plastic directory cardholder shall be mounted on the inside of door.
 - 3) Maximum enclosure dimensions shall not exceed 21" wide and 6.5" deep.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install panelboards in accordance with manufacturer's written instructions, NEMA PB 1.1 and NEC standards.

3.02 FIELD QUALITY CONTROL

- A. Inspect complete installation for physical damage, proper alignment, anchorage, and grounding.
- B. Measure steady state load currents at each panelboard feeder; rearrange circuits in the panelboard to balance the phase loads within 20% of each other. Maintain proper phasing for multi-wire branch circuits.
- C. Check tightness of bolted connections and circuit breaker connections using

calibrated torque wrench or torque screwdriver per manufacturer's written specifications.

END OF SECTION

**SECTION 16450
GROUNDING**

PART 1 - GENERAL

1.1 SCOPE OF WORK:

The work required under this section of the specifications consists of the installation of the complete grounding system for the project. Grounding shall consist of ground rods, concrete encased electrode conductors, ground rings, etc. to form a complete grounding system. Provide all materials required for the grounding system under this section of the specifications.

1.2 RELATED WORK:

Coordinate installation of grounding system with all work required under Division 16.

1.3 APPLICATION:

Equipment grounding conductors shall be used to establish grounding of the entire system.

Equipment grounding shall not be by metallic raceway alone.

Table 250-66 of the NEC shall be used to size all grounding electrode conductors.

Table 250-122 of the NEC shall be used to size equipment grounding conductors. Sizes shall be adjusted as required for voltage drop.

PART 2 - PRODUCTS

2.1 GROUND RODS:

Ground rods shall be 3/4" X 10', regular or sectional as required, unless indicated otherwise.

Construction shall be a solid steel core with a heavy uniform covering of electrolytic copper.

Threads, on sectional rods, shall be rolled (not cut) into the composite metal after the copper covering has been applied.

Copper covering shall be work hardened by drawing rods.

Sectional rod couplings shall be of a corrosion resistant alloy.

2.2 GROUNDING ELECTRODE CONDUCTOR CONNECTIONS:

Conductor connections shall be by UL approved exothermic weld.

2.3 EQUIPMENT GROUNDING CONDUCTORS:

Equipment grounding conductors shall be green with THW, THWN, THHN, or XHHN insulation (See Section 16120 - Wires and Cables).

PART 3 - EXECUTION

3.1 INSTALLATION:

Ground and bond all non-current carrying metal parts of the electrical system to provide a low impedance path for ground fault current.

The neutral conductor(s) of the incoming electrical service shall be bonded to the ground rod system, metal cold water piping system, ground ring, structural steel, etc. (all that are available) using Table 250-66 of the NEC for conductor sizing. Grounding conductors shall be run in rigid non-metallic conduit.

Ground the neutral of all dry type and liquid filled transformers to effectively grounded metal cold water piping system or grounding electrode as near as practicable using Table 250-66 of the NEC to size conductor.

Grounding conductors shall be attached to equipment with a bolt or sheet metal screw used for no other purpose. Use crimp on spade lugs for stranded conductors.

Where ground rods are utilized at the service entrance, a minimum of 3 shall be arranged in a triangular pattern, spaced as required by the NEC, to form a low impedance grounding system.

Furnish ground rods at all lighting poles. Refer to pole details and recommendations from the lighting supplier for installation requirements.

3.2 TESTING:

The Contractor shall test the final grounding system and certify that the impedance is 25 ohms or less. Where the impedance is greater than 25 ohms, the contractor shall install additional grounding electrodes until the impedance is below 25 ohms.

END OF SECTION 16450

**SECTION 16460
ENERGY EFFICIENT LIGHTING AND DISTRIBUTION TRANSFORMERS**

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Dry-type energy efficient transformers per NEMA TP1, with primary and secondary voltages of 600V and less and capacity ratings 15kVA through 750kVA.

1.02 REFERENCES

- A. NFPA 70 - National Electrical Code
- B. NEMA ST20
- C. UL 1561
- D. NEMA TP1
- E. NEMA TP2

1.03 SUBMITTALS

- A. Submit complete, warranted performance data and physical dimensions for transformers.

1.04 STANDARDS

- A. Transformers 750kVA and smaller shall be listed by Underwriters Laboratories.
- B. Conform to the requirements of ANSI/NFPA 70.
- C. Transformers are to be manufactured and tested in accordance with NEMA ST20.
- D. Transformers losses shall conform to NEMA TP1 requirements
- E. Transformers losses shall be tested in accord with NEMA TP2 procedures

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Transformers shall be as manufactured by Square D Company, Cutler Hammer, or General Electric Company.
- B. Approved manufacturers shall be registered firms in accordance with ISO 9001:1994 SIC 3612 (US); which is the design and manufacture of low voltage dry type power, distribution and specialty transformers.

2.02 RATINGS INFORMATION

- A. All insulating materials are to exceed NEMA ST20 standards and be rated for 220°C UL component recognized insulation system.

- B. Transformers 15kVA and larger shall be 150°C temperature rise above 40°C ambient. Transformers 25kVA and larger shall have a minimum of 4 - 2.5% full capacity primary taps. Exact voltages and taps to be as designated on the plans or the transformer schedule.
- C. Transformers shall be low loss type with minimum efficiencies per NEMA TP1 when operated at 35% of full load capacity. Efficiency shall be tested in accord with NEMA TP2.

Single Phase		Three Phase	
kVA	Efficiency	kVA	Efficiency
15	97.7%	15	97.0%
25	98.0%	30	97.5%
37.5	98.2%	45	97.7%
50	98.3%	75	98.0%
75	98.5%	112.5	98.2%
100	98.6%	150	98.3%
167	98.7%	225	98.5%
250	98.8%	300	98.6%
333	98.9%	500	98.7%
		750	98.8%

- E. The transformer(s) shall be rated as indicated on the plans.

2.03 CONSTRUCTION

- A. Transformer coils shall be of the continuous wound construction and shall be impregnated with nonhygroscopic, thermosetting varnish
- B. All cores to be constructed with low hysteresis and eddy current losses. Magnetic flux densities are to be kept well below the saturation point to prevent core overheating. Cores for transformers greater than 500kVA shall be clamped utilizing insulated bolts through the core laminations to ensure proper pressure throughout the length of the core. The completed core and coil shall be bolted to the base of the enclosure but isolated by means of rubber vibration-absorbing mounts. There shall be no metal-to-metal contact between the core and coil and the enclosure except for a flexible safety ground strap. Sound isolation systems requiring the complete removal of all fastening devices will not be acceptable.
- C. The core of the transformer shall be visibly grounded to the enclosure by means of a flexible grounding conductor sized in accordance with applicable UL and NEC standards.
- D. The transformer enclosures shall be ventilated and be fabricated of heavy gauge, sheet steel construction the entire enclosure shall be finished utilizing a continuous process consisting of degreasing, cleaning and phosphatizing, followed by electrostatic deposition of polymer polyester powder coating and baking cycle to provide uniform coating of all edges and surfaces. The coating shall be UL recognized for outdoor use. The coating color shall be ANSI 49.

2.04 SOUND LEVELS

- A. Sound levels shall be warranted by the manufacturer not to exceed the following:

15 to 50KVA - 45dB; 51 to 150kVA - 50dB; 151 to 300kVA - 55dB; 301 to 500kVA - 60dB;
501 to 700kVA - 62dB; 701 to 1000kVA - 64dB; 1001 to 1500kVA - 65dB; 1501 to
2000kVA- 66dB

2.05 OPTIONAL ACCESSORIES

- A. Lug Kits shall be supplied with all transformers.

END OF SECTION

APPENDIX

A

**CITY OF CALLAWAY
GORE PARK – BUILDING WORK**



**CITY OF CALLAWAY
6601 East Highway 22
Callaway, FL 32404**

Pamn Henderson, Mayor
Scott Davis, Commissioner
David Griggs, Commissioner
Ron Fairbanks, Commissioner
Mike Jones, Commissioner
Eddie Cook, City Manager
Tim Legare, Director of Leisure Services
Bill Frye, Public Works Director

Contractor:

Engineer:



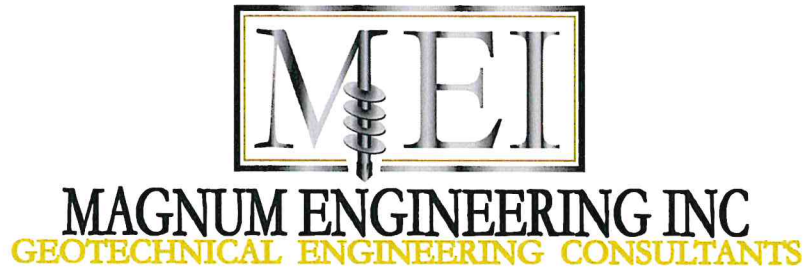
3005 Lynn Haven Parkway
Lynn Haven, FL 32444

Chris Forehand, P.E., Engineer of Record

Note: Sign shall be 3/4" thick by 4'x8' with painted white background and all logos shall be in color. Engineer will provide digital file of City and Engineer logos to the design/build team. Posts shall be pressure treated 4"x4". Location of sign shall be coordinated with the Engineer.

APPENDIX

B



GEOTECHNICAL ENGINEERING REPORT

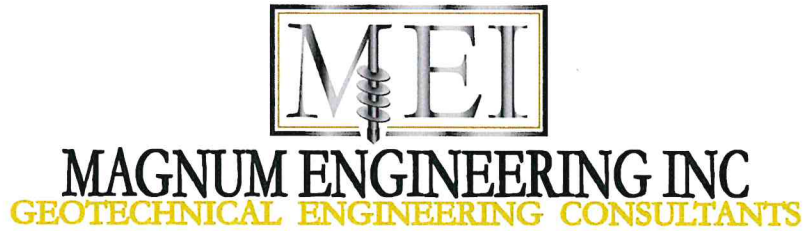
GORE PARK STORMWATER POND

PE PROJECT #26018
CALLAWAY, FLORIDA

PREPARED FOR:

Mr. Doug Crook, P.E.
Panhandle Engineering, Inc.
3005 South Highway 77
Lynn Haven, FL 32444

1026 PIERSON DRIVE
LYNN HAVEN, FLORIDA 32444
TELEPHONE (850) 258.0994



April 17, 2020

Mr. Doug Crook, P.E.
Panhandle Engineering, Inc.
3005 South Highway 77
Lynn Haven, FL 32444

SUBJECT: Gore Park Stormwater Pond – Geotechnical Services
Callaway, Florida
MEI Project No. M120-107-207
Panhandle Engineering Job# 26018

Dear Mr. Crook:

This letter forwards the results of our Geotechnical services for the proposed stormwater treatment area(s) at the subject property in Bay County, Florida. The purpose of this exploration was to evaluate the subsurface conditions present in the proposed stormwater treatment area and to provide soil related data to aid in the design of an effective stormwater management area in accordance with the ERP and/or local municipal requirements.

Project Description and Scope of Services

The subject site is located at the existing Gore Park, which is west of Beulah Avenue and south of Minneola Street in Callaway, Florida. At the time of our exploration, the site of the proposed stormwater area was clear with the exception of surficial grasses. Our exploration consisted of one (1) Double Ring Infiltrometer test and One (1) 56feet deep hand auger boring in the proposed stormwater management area. Upon completion of our field testing, the samples were brought back to the office for visual inspection, classification and analysis by our engineering staff.

If any of the above information is incorrect, please inform Magnum Engineering, Inc. so that we can review and update our recommendations, as needed.

The scope of services did not include an environmental assessment for determining the presence or absence of wetlands or hazardous materials in the air, surface water(s), soil, or groundwater on or in the vicinity of the subject site.

Figure #1 shows the boring location plan and Figure #2 shows the Log of Boring for HA-1. The subsurface conditions encountered in the test boring will be discussed in general terms below.

Subsurface Conditions

The hand auger boring generally encountered dark gray, brown, and tan slightly silty fine sands from the ground surface to roughly 4.0 feet below existing grade underlain by tan silty fine sands with trace of clay to the boring termination depth of 6 feet below existing grade.

Groundwater Conditions

Groundwater was encountered at roughly 5.1 feet below existing grade at the time of drilling on (April 8, 2020), which was during a period of normal seasonal rainfall. By definition, the normal seasonal high groundwater table elevation is the highest level of the saturated zone in the soil during a year with normal rainfall. The procedure used in estimating the seasonal high groundwater table is based on adjusting the existing groundwater table encountered upward or downward and taking into consideration factors such as antecedent rainfall, redoximorphic features (identifying soil mottling) and vegetative indicators. **Based on the resources and methodology provided, we have estimated the seasonal high groundwater level to be roughly 4.0 feet below existing grade at location HA-1.** Groundwater levels will fluctuate with rainfall and tidal influences and could vary several feet during typical seasonal fluctuations. Larger fluctuations are possible under severe weather conditions.

Double Ring Infiltrometer Test

One (1) Double Ring Infiltrometer test was performed in the field in general accordance with the procedures outlined in ASTM D-3385, "Infiltration Rate of Soils in Field using Double Ring Infiltrometers". Testing consisted of initially clearing all surface vegetation and topsoil from within the test area. The infiltration test was performed approximately 1.0 feet below existing grade at test location DRI-1. The outer ring, which is approximately 24 inches in diameter, was then driven to a depth of 6 inches below the exposed ground surface. The inner ring, approximately 12 inches in diameter, was then centrally located within the outer ring and driven to a depth of 2 inches. The two rings were then simultaneously filled with water to a height of 4 inches above the exposed ground surface test soils. The water level was maintained at this height throughout the test period, with the required amount of water added to maintain this level in both rings recorded at time intervals of 5 minutes.

The infiltration rate for the inner ring and the annular space between the rings is determined by dividing (a) the water volume used (within each specific area) during the stabilized flow period of the test, by (b) the specific area and (c) the time interval. Infiltration rates are generally converted to units of inches per hour. The infiltration rate for the inner ring, if different than the infiltration rate of the annular area between the rings, according to ASTM, should be used as the infiltration rate for the soils.

INFILTRATION DATA

LOCATION	ORIENTATION	TEST DEPTH (feet)	SUSTAINED INFILTRATION RATE (in/hr)
DRI-1	K _v (unsaturated)	1.0	5.2*

*** Note: The above infiltration rate has not been factored and is up to the designer to apply an appropriate factor of safety.**

We recommend using a transformation ratio of 1 horizontal to 1 vertical (i.e. the estimated ratio of horizontal to vertical permeability).

ENVIRONMENTAL RESOURCE PERMITTING (ERP) DESIGN PARAMETERS

DESCRIPTION	LOCATION	DESIGN PARAMETER
SUSTAINED INFILTRATION RATE (K_{vu})	DRI-1	5.2* in/hr
TEST DEPTH	DRI-1	1.0 ft
FILLABLE POROSITY	DRI-1	25%
DEPTH TO EXISTING GROUNDWATER TABLE	DRI-1	5.1 feet
DEPTH TO ESTIMATED SEASONAL HIGH GROUNDWATER TABLE	DRI-1	4.0 feet

Warranty and Limitations of Study

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either expressed or implied. Magnum Engineering, Inc. is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

Soil conditions at other locations may differ from those encountered in the test borings, and the passage of time may cause the soils conditions to change from those described in this report.

This report is intended for use by the designers of this project. While we have no objections to it being provided for review by parties to this project, it is not a specification document and is not to be used as a part of the specifications. If desired, we can assist in the development of specifications for this project based upon our exploration.

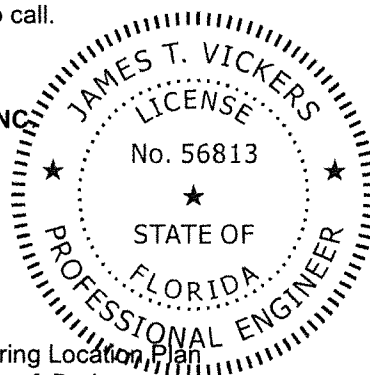
The nature and extent of variation and change in the subsurface conditions at the site may not become evident until the course of construction. Construction monitoring by the geotechnical engineer or his representative is therefore considered necessary to verify the subsurface conditions and to check that the soils connected construction phases are properly carried out. If significant variations or changes are in evidence, it may be necessary to reevaluate the recommendations in this report.

Furthermore, if the project characteristics are altered significantly from those discussed in this report, or if the project information contained in this report is incorrect and additional information becomes available, a review must be made by this office to determine if any modifications in the recommendations will be necessary.

We hope this letter provides sufficient information for the present. If you have any questions or comments, please feel free to call.

Sincerely,
MAGNUM ENGINEERING, INC.

JAMES T. VICKERS, P.E.
 Sr. Geotechnical Engineer
 Florida Reg. #56813



Digitally signed
 by James T.
 Vickers, P.E.
 Date:
 2020.04.17
 11:50:52 -05'00'

Attachments: Figure #1 – Boring Location Plan
 Figure #2 – Log of Boring
 Appendix (A) – Double Ring Infiltrometer Field Data



MAGNUM ENGINEERING INC
GEOTECHNICAL ENGINEERING CONSULTANTS

BORING LOCATION PLAN

FIGURE # 1

150' SCALE 1"=150' (VERTICAL) AFTER SURFACE TO 100' HIGHER (HORIZONTAL) 1"=100'



- PARKING DATA**
- PARKING REQUIRED:**
 - ATHLETIC FIELD: 30 PARKS PER PLAY
 - BASKETBALL COURT: 2 PARKS PER COURT
 - TENNIS COURT: 2 PARKS PER ACRE
 - ESTIMATED PARKING REQUIRED: 96 PARKS
- PARKING SHOWN**
- 88 REGULAR PARKS
 - 4 ADA PARKS
 - 12 TRUCK & TRAILER PARKS
 - 104 TOTAL PARKS SHOWN

LEGEND

- [Patterned Box] = PROPOSED CONCRETE
- [Solid Grey Box] = PROPOSED ASPHALT
- [Solid White Box] = EXISTING ASPHALT

SCALE 1"=100'

PREPARED WITHOUT BENEFIT OF TOPO OR BOUNDARY SURVEY AND SOIL PERCOLATION TEST. THEREFORE SITE LAYOUT & ANY STORMWATER BASIN SIZING IS PRELIMINARY.

CONCEPTUAL SITE PLAN 'C'
 GORE PARK
 FOOTBALL FIELDS
 CALLAWAY, FLORIDA

PANHANDLE ENGINEERING, INC.
 ENVIRONMENTAL ENGINEERS • DESIGNERS • LAND PLANNERS
 3005 South Highway 77, Lynn Haven, Florida 32434
 850.363.5300 • FAX 850.363.5325 • www.panhandleengineering.com

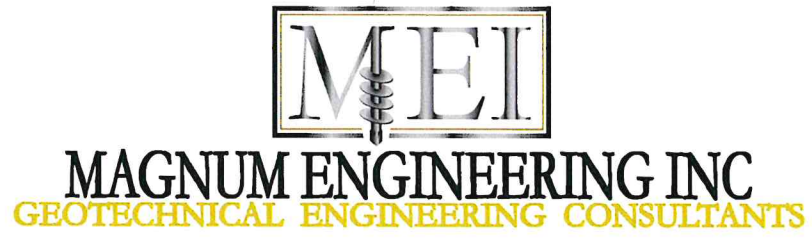
REV.	DATE	BY	REVISIONS

SCALE AS NOTED	DESIGNED BY: CSF
DRAWN BY: JAN	REVIEWED BY: CSF
ISSUE DATE: MARCH, 2019	PROJECT NUMBER: 20019
ASAP FILE NAME: 20019_CSP_C04g	DATE:

NOT RELEASED FOR CONSTRUCTION BY:

DPI CERTIFICATION No.
 03-2019
 PROJECT No. 1 OF 1
 PROJECT NUMBER
 20019

PANHANDLE ENGINEERING, INC. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR UTILIZED IN ANY FORM WITHOUT PRIOR WRITTEN AUTHORIZATION OF PANHANDLE ENGINEERING, INC.



LOGS OF BORINGS

FIGURE # 2



Magnum Engineering, Inc.
 1026 Pierson Drive
 Lynn Haven, Florida 32444
 Telephone: 8502658332

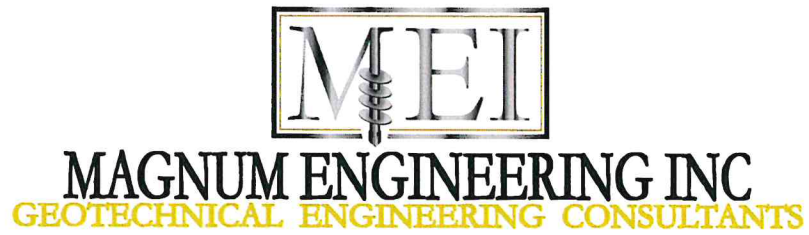
BORING NUMBER HA1

PAGE 1 OF 1

CLIENT Panhandle Engineering, Inc. PROJECT NAME Gore Park Stormwater Pond
 PROJECT NUMBER M119-107-207 PROJECT LOCATION Callaway, Florida
 DATE STARTED 4/8/20 COMPLETED 4/8/20 GROUND ELEVATION _____ HOLE SIZE _____
 DRILLING CONTRACTOR _____ GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger Boring ▽ DEPTH TO GROUNDWATER AT TIME OF DRILLING 5.1 ft
 LOGGED BY J. Vickers CHECKED BY J. Vickers ▽ ESTIMATED SEASONAL HIGH GWT 4.0 ft
 NOTES _____ AFTER DRILLING —

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		Brown Slightly Silty Fine SAND (SP-SM)										
2.5		Gray/Tan Slightly Silty Fine SAND (SP-SM)										
5.0		Tan Silty Fine SAND (SM)										
		Boring Termination Depth at 6.0 feet.										

GEOTECH BH COLUMNS GORE PARK FOOTBALL.GPJ GINT STD US LAB.GDT 4/17/20



DOUBLE RING INFILTROMETER TEST RESULTS

APPENDIX A

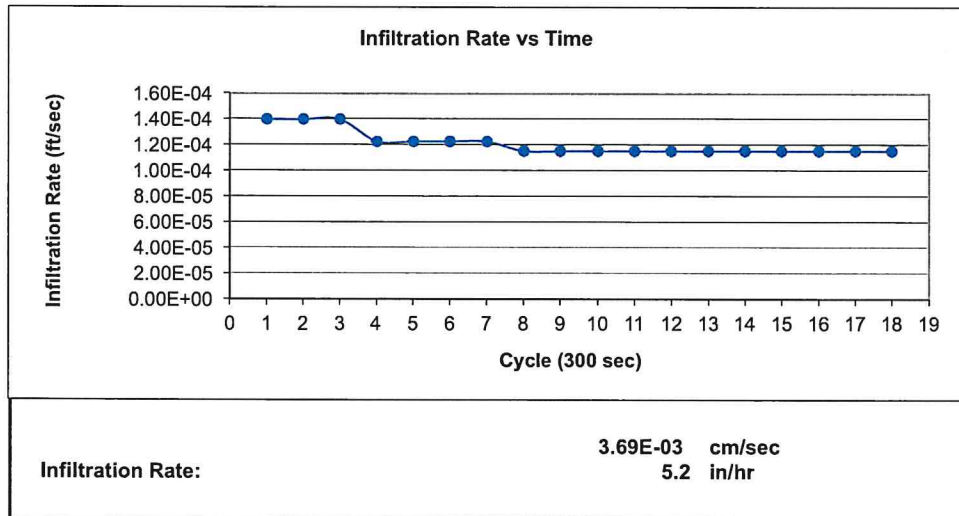


MAGNUM ENGINEERING INC
 GEOTECHNICAL ENGINEERING CONSULTANTS

Double-Ring Field Infiltration Test

Test Location: DRI-1
Project Name: Gore Park
Project Location: Callaway, Florida
Test Depth: 1 ft
 Depth to GWT: 5.1 ft
 Inner Ring Diameter: 12 in 0.3048 m
 Outer Ring Diameter: 24 in 0.6096 m
 Pre-Saturation: 30 min
 Area Outer Ring: 3.1416 ft² 0.002026835 m²
 Area Inner Ring: 0.7854 ft² 0.000506709 m²
 Net Outer Ring Area: 2.3562 ft² 0.001520126 m²

Cycle	Inner Ring		
	ElapTime (sec)	Vol Used (in ³)	Infiltration Rate (ft/sec)
1	300	57	1.40E-04
2	300	57	1.40E-04
3	300	57	1.40E-04
4	300	50	1.23E-04
5	300	50	1.23E-04
6	300	50	1.23E-04
7	300	50	1.23E-04
8	300	47	1.15E-04
9	300	47	1.15E-04
10	300	47	1.15E-04
11	300	47	1.15E-04
12	300	47	1.15E-04
13	300	47	1.15E-04
14	300	47	1.15E-04
15	300	47	1.15E-04
16	300	47	1.15E-04
17	300	47	1.15E-04
18	300	47	1.15E-04
Results	Sustained Rate	49	1.21E-04



APPENDIX

C



APPLICATION AND CERTIFICATE FOR PAYMENT

TO (OWNER): PROJECT: GORE PARK - Building Work
 CITY OF CALLAWAY, FLORIDA PROJECT: PE No. 28018
 ATTN: PANHANDLE ENGINEERING, INC
 3005 LYNN HAVEN PARKWAY
 LYNN HAVEN, FLORIDA 32444
 FROM (CONTRACTOR): ATTN: CHRIS FOREHAND, P.E., ENGINEER

APPLICATION NO: _____
 PERIOD TO: _____
 APPLICATION DATE: _____
 CONTRACT DATE: _____

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner	TOTAL		
Number	Date Approved		
1			
2			
TOTALS		\$0.00	\$0.00

1. ORIGINAL CONTRACT SUM _____ \$0.00
2. NET CHANGE BY CHANGE ORDERS _____ \$0.00
3. CONTRACT SUM TO DATE (Line 1 + Line 2) _____
4. EARNED TO DATE _____
5. TAX SAVINGS AGREEMENT: (Through Summary No.) _____ \$0.00
 - a. Work Completed (See Attached)
 - b. Stored Materials Including Owner Issued POs (See Attached)
6. TOTAL COMPLETED & STORED TO DATE _____
7. TAX SAVINGS AGREEMENT: (Through Summary No.) _____
 - a. Total Purchase Orders Issued by Owner (To Date)
 - b. Anticipated Tax Savings on Owner Issued POs
 - c. Vendor Invoices Paid @ Contractors Request (To Date)
 - d. Vendor Retainages Unpaid @ Contractors Request (To Date)
8. TOTAL TAX SAVINGS AGREEMENT DEDUCTION (Sum of Line 5a and 5b) _____
9. RETAINAGE: (10% of Line 7) _____
10. TOTAL EARNED LESS RETAINAGE (Line 7 less Line 8) _____
11. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 9 from prior Certificate) _____
12. CURRENT PAYMENT DUE _____ \$0.00
13. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 - Line 6 - Line 9) _____ \$0.00

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that the current payment shown herein is now due.

CONTRACTOR TYPE COMPANY NAME HERE

By: _____ Date: _____

State of: Florida County of: Bay
 Subscribed and sworn to before me this _____ day of _____
 Notary Public: _____

ENGINEER: _____
 AMOUNT CERTIFIED _____
 (Attach explanation if amount certified differs from the amount applied for)

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

ENGINEER'S CERTIFICATE FOR PAYMENT
 In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

GORE PARK IMPROVEMENTS BUILDING WORK CALLAWAY, FLORIDA

PREPARED FOR:
CITY OF CALLAWAY



ADDRESS
6601 EAST HIGHWAY 22
CALLAWAY, FLORIDA 32404
PHONE: (850) 871-6000

CITY OF CALLAWAY OF CITY OFFICIALS:

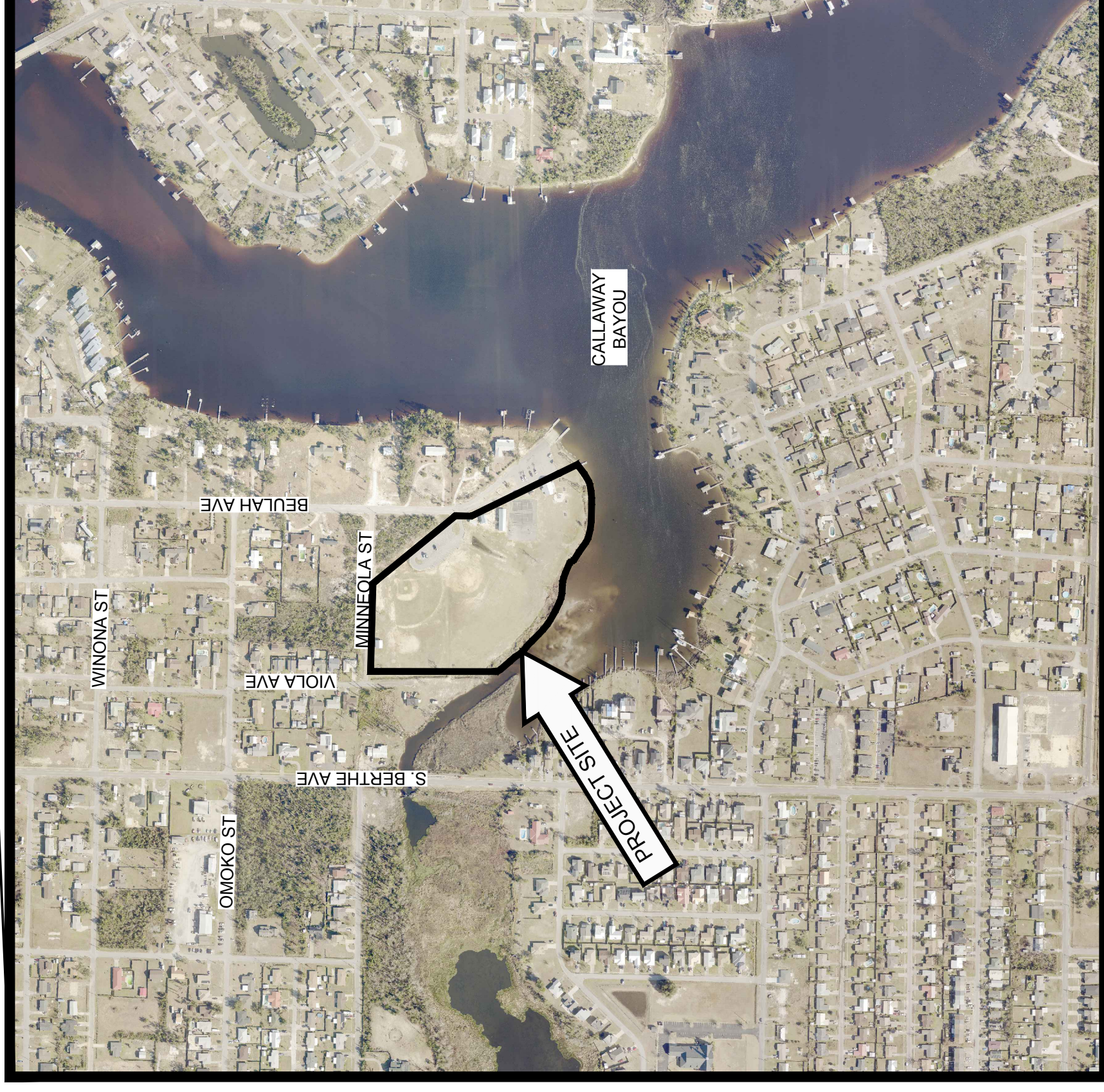
MS. PAMN HENDERSON, MAYOR
MR. SCOTT DAVIS, WARD I COMMISSIONER
MR. DAVID GRIGGS, WARD II COMMISSIONER
MR. BOB PELLETER, WARD III COMMISSIONER
MR. FRANK MANCINELLI, WARD IV COMMISSIONER

MR. KEITH "EDDIE" COOK, CITY MANAGER
MR. BILL FRYE, PUBLIC WORKS DIRECTOR
MR. TIM LEGARE, DIRECTOR OF LEISURE SERVICES
MS. JANICE PETERS, CITY CLERK

PREPARED BY:

**PANHANDLE
ENGINEERING, INC.**

ENVIRONMENTAL ENGINEERS • CIVIL ENGINEERS • LAND PLANNERS
600 Ohio Avenue Lynn Haven, Florida 32444
(850) 763-5200 www.panhandleengineering.com



ADDRESS: 522 BEULAH AVE (17-4S-13W)
LAT - 30° 08' 15"
LONG - 85° 34' 19"

VICINITY MAP

Always call 811 two full business days before you dig to have underground utilities located and marked.



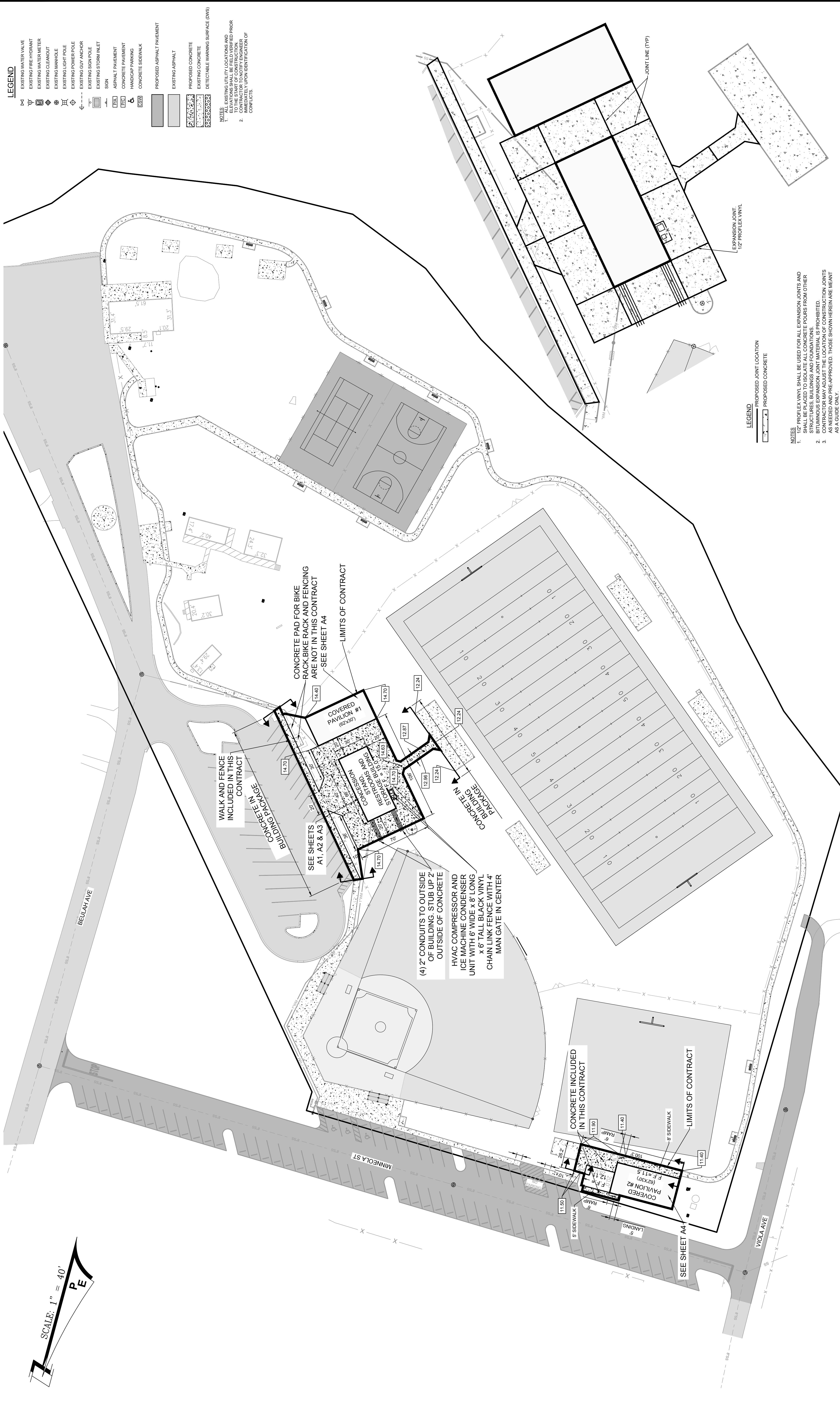
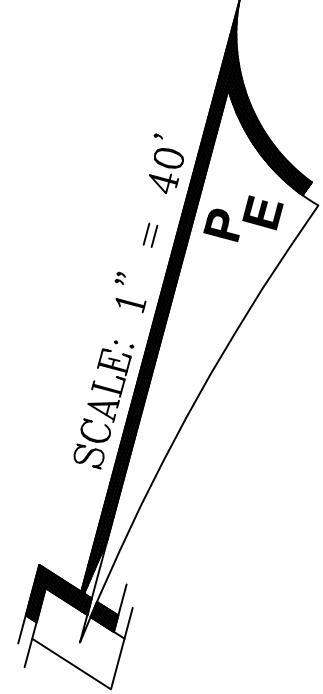
RELEASED FOR BIDDING
PURPOSES ONLY. NOT
RELEASED FOR CONSTRUCTION

FEBRUARY 2022
PROJECT No. 26018

DRAWING INDEX

- | No. - | TITLE |
|-------|---|
| C1 - | SITE PLAN |
| A1 - | CONCESSION STAND PLAN |
| A2 - | CONCESSION STAND ELEVATIONS AND DETAILS |
| A3 - | CONCESSION STAND DETAILS AND NOTES |
| A4 - | COVERED PAVILION ELEVATIONS AND DETAILS |
| A5 - | CONSTRUCTION DETAILS |
| E1 - | ELECTRICAL SITE PLAN - BUILDING PACKAGE |
| E2 - | ELECTRICAL RISER & DETAILS - BUILDING PACKAGE |
| E3 - | PANEL SCHEDULE & DETAILS - BUILDING PACKAGE |

FOR SCALE VERIFICATION AFTER DUPLICATION, THIS LINE SHOULD BE FOLLOWING



- LEGEND**
- EXISTING WATER VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING WATER METER
 - EXISTING CLEANOUT
 - EXISTING MANHOLE
 - EXISTING LIGHT POLE
 - EXISTING POWER POLE
 - EXISTING GUY ANCHOR
 - EXISTING SIGN POLE
 - EXISTING STORM INLET
 - SIGN
 - ASPHALT PAVEMENT
 - CONCRETE PAVEMENT
 - MANICAP PARKING
 - CONCRETE SIDEWALK
 - PROPOSED ASPHALT PAVEMENT
 - EXISTING ASPHALT
 - PROPOSED CONCRETE
 - EXISTING CONCRETE
 - DETECTABLE WARNING SURFACE (DWS)

NOTES:

- EXISTING UTILITY LOCATIONS AND ELEVATIONS SHALL BE FIELD VERIFIED PRIOR TO THE START OF CONSTRUCTION.
- IMMEDIATELY UPON IDENTIFICATION OF CONFLICTS.

- NOTES:**
- 1/2" PROFLEX VINYL SHALL BE USED FOR ALL EXPANSION JOINTS AND SHALL BE PLACED TO ISOLATE ALL CONCRETE POURS FROM OTHER POURS.
 - BITUMINOUS EXPANSION JOINT MATERIAL IS PROHIBITED.
 - CONTRACTOR MAY ADJUST THE LOCATION OF CONSTRUCTION JOINTS AS NEEDED AND PRE-APPROVED. THOSE SHOWN HEREIN ARE MEANT AS A GUIDE ONLY.
 - CONCRETE SIDEWALK DETAIL ON SHEET A4 FOR THE LOCATIONS OF JOINTS ALONG SIDEWALKS.

LEGEND

- PROPOSED JOINT LOCATION
- PROPOSED CONCRETE

CONCRETE JOINT LAYOUT PLAN
SCALE: 1" = 20'

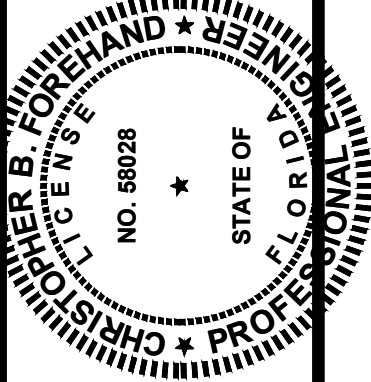
**SITE PLAN
GORE PARK
IMPROVEMENTS
CALLAWAY, FLORIDA**

PANHANDLE ENGINEERING, INC.
 ENVIRONMENTAL ENGINEERS • CIVIL ENGINEERS • LAND PLANNERS
 6040 Ohio Avenue, Jacksonville, Florida 32244
 (850) 769-5200 www.panhandleengineering.com

REV	DATE	BY	REVISIONS

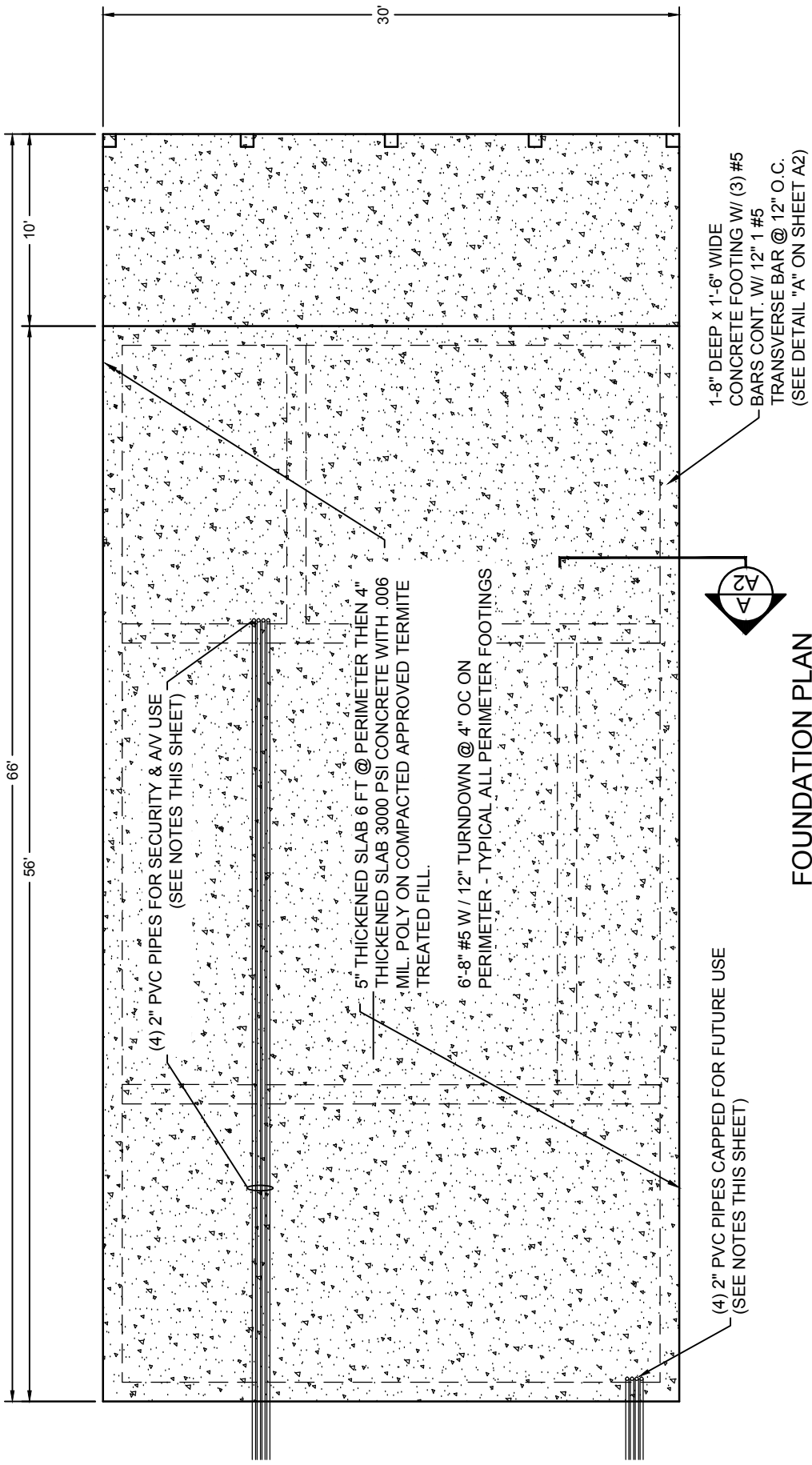
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DRAWN BY:	JAH	ISSUED:	FEBRUARY 2022
REVIEWED BY:	CFB	ACAD FILE NAME:	260184-184g.dwg
RELEASED FOR CONSTRUCTION BY:	DATE:		

SHEET NUMBER	C1
PROJECT NUMBER	26018

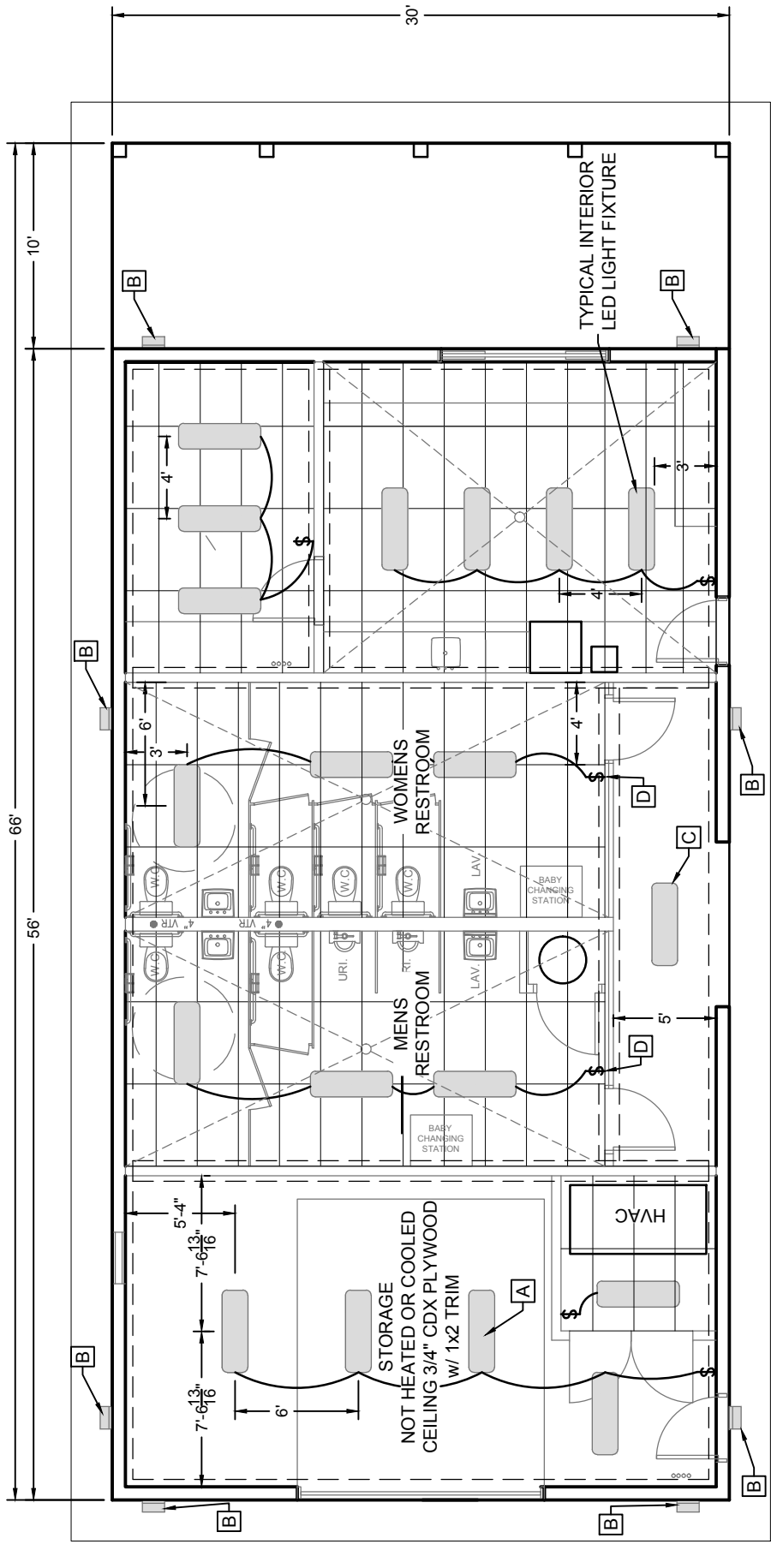


James H. Shorwa, P.E. 39107
 02/2022
 Stephen E. Price, P.E. 71646
 J. Doug Cook, P.E. 66556
 DPR CERTIFICATION #EEB-7026

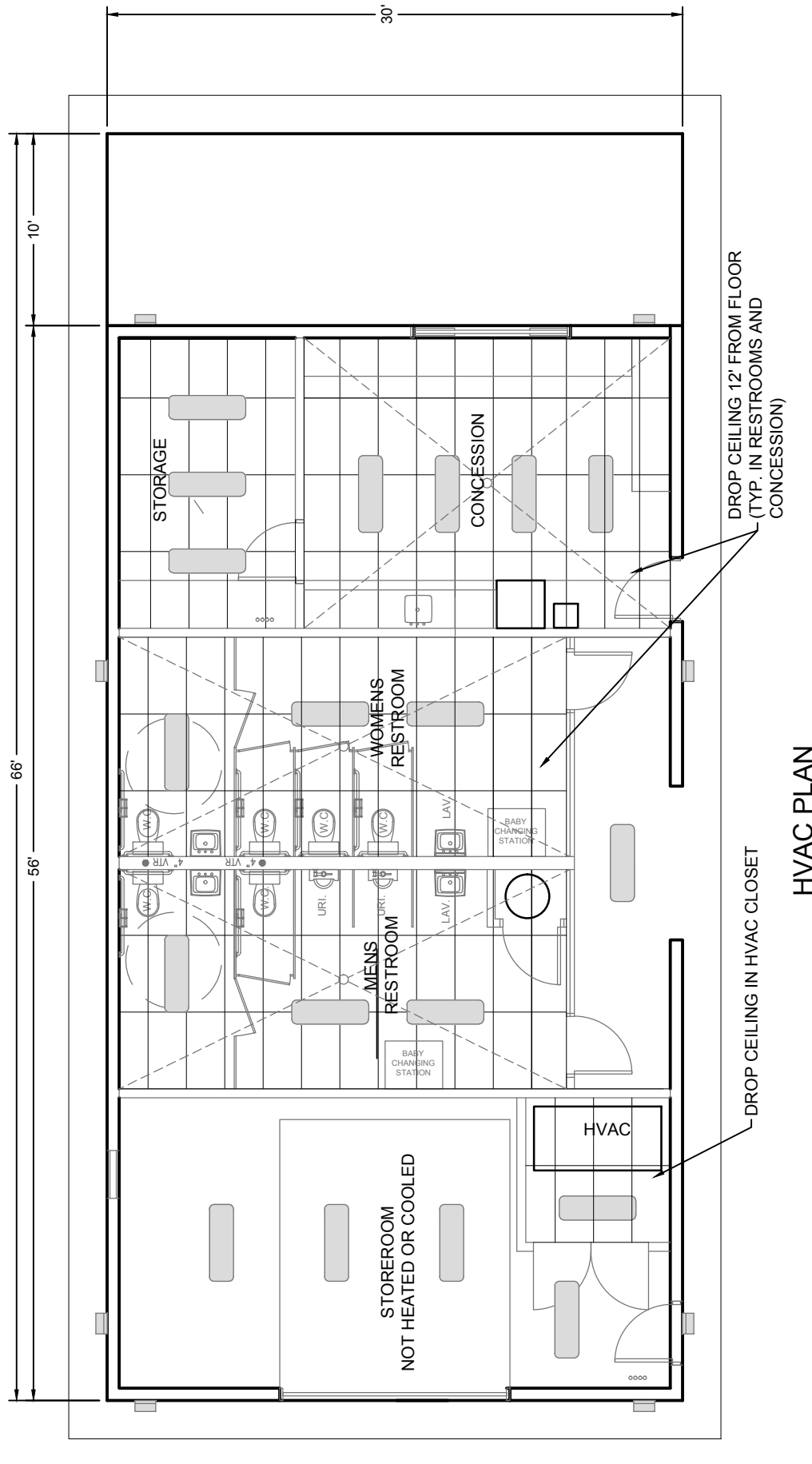
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FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

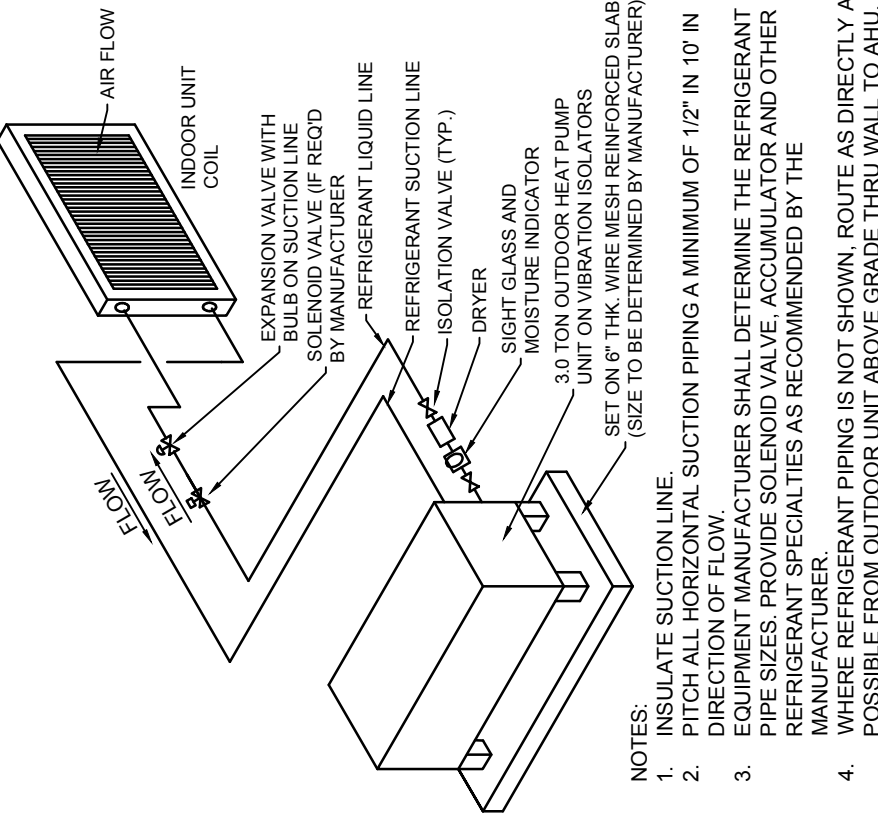


REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

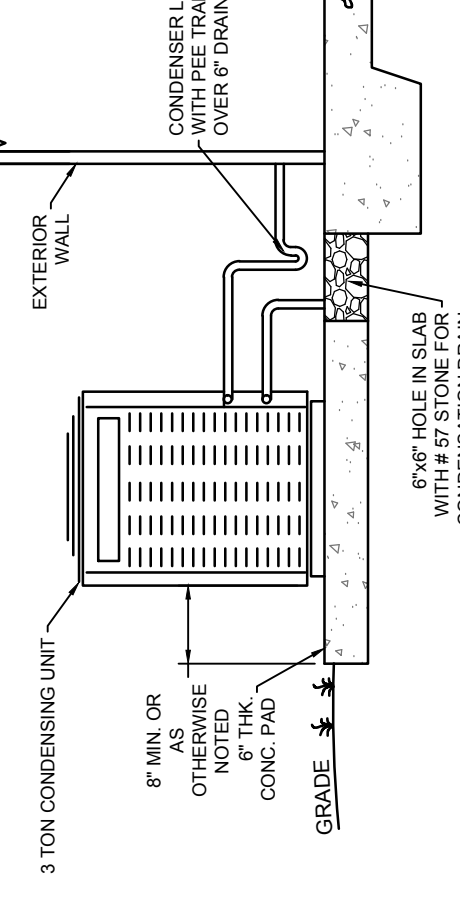


HVAC PLAN
SCALE: 1/8" = 1'-0"

- FOUNDATION NOTES:**
- BOTTOMS OF ALL FOOTINGS MUST BE AT TOP UNDISTURBED SOIL A MINIMUM OF 12" BELOW EXISTING GRADE UNLESS PROPER PROVISIONS HAVE BEEN MADE FOR THE USE OF ENGINEERED FILL BASED ON A SITE SPECIFIC GEOTECHNICAL EVALUATION BY OTHERS.
 - REINFORCING IN CONCRETE SLABS SHALL HAVE 3" COVER MINIMUM AND BE PROTECTED FROM WEATHER AND 3/4" COVER MIN. IF NO EXPOSURE TO WEATHER.
 - TRANSVERSE REINFORCING SHALL BE SUPPORTED 3" FROM BOTTOM OF FOOTING WITH LONGITUDINAL/FLEXURAL BARS RUNNING OVER TOP TIED SECURELY AT EACH CROSSING POINT.
 - CONCRETE SLABS ARE DESIGNED USING 4" THICK EXCEPT AS NOTED ELSEWHERE 3,000 PSI CONC. REINFORCED W/ #4 @ 18" O.C. WITH 1/4" WELDED WIRE MESH ON 6" MILL VAPOR BARRIER.
 - REINFORCING BARS SHALL BE #5 @ 24" O.C. ALL WELDED WIRE MESH SHALL BE LAPPED MIN. ONE FULL MESH PANEL PLUS 2" AT SIDES AND EDGES AND SHALL BE WIRE TOGETHER.
 - ALL STEEL REINFORCING AND WELDED WIRE MESH USED IN SLAB ON GRADE CONSTRUCTION IS REQUIRED TO BE SUPPORTED IN THE CENTER TO UPPER ONE THIRD OF THE SLAB.

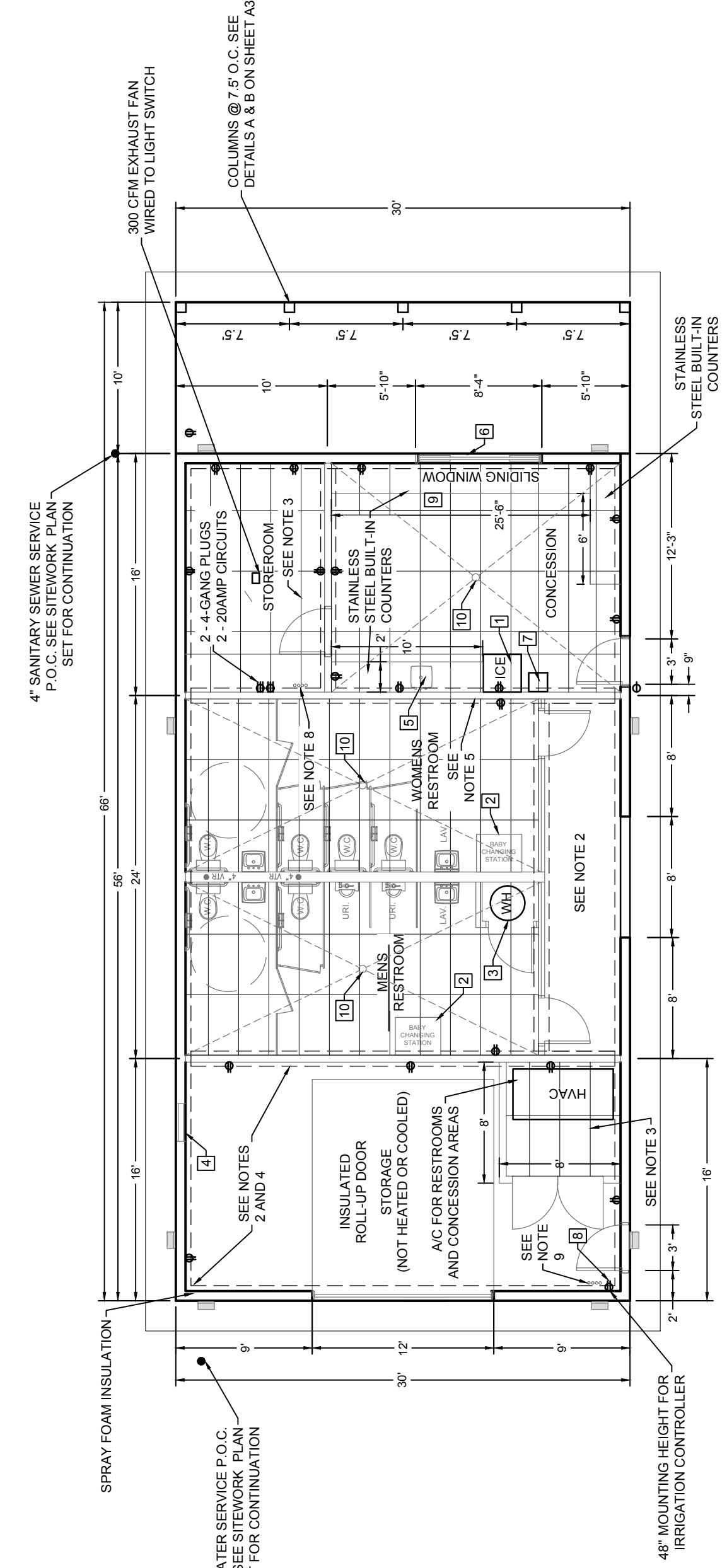


REFRIGERANT PIPING SCHEMATIC
SCALE: 1/8" = 1'-0"



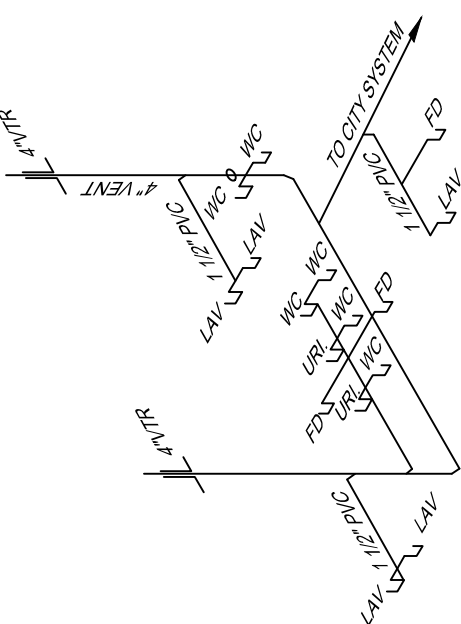
CONDENSING UNIT DETAIL
SCALE: 1/8" = 1'-0"

- HVAC NOTES:**
- IT IS THE INTENTION OF THIS HVAC PLAN TO SHOW GENERAL REQUIREMENTS AND LAYOUTS.
 - THE WORK CONSISTS OF PROVIDING AND INSTALLING A COMPLETE OPERATING AIR CONDITIONING SYSTEM.
 - ALL WORK SHALL BE SUPERVISED BY A LICENSED MECHANICAL CONTRACTOR.
 - ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO: NATIONAL ELECTRIC CODE, STATE ENERGY CODE, NFPA REQUIREMENTS, AND OTHER LOCAL CODES.
 - THE WORK INDICATED ON THIS PLAN IS GENERALLY DIAGNOSTIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCT WORK AND EQUIPMENT, ETC.
 - HVAC WORK IS TO BE COORDINATED WITH ELECTRICIANS FOR ELECTRICAL PROVISIONS.
 - SYSTEM SHALL BE FRAME OR APPROVED EQUAL.



BUILDING PLAN VIEW
SCALE: 1/8" = 1'-0"

- LEGEND**
- HOSHIZAKI WASHERS USE MACHINE WITH USG-14F RESINATE CONDENSER. SEWAGE CONDENSER UNIT TO BE INSTALLED OUTSIDE OF THE CONCESSION BUILDING AND DEDICATED 30 AMP CIRCUIT. HOSHIZAKI H8329-55 WATER FILTRATION SYSTEM. TWIN CONFIGURATION MANIFOLD AND CARTRIDGE. TO ICE MAKER WATER SUPPLY LINE. PROVIDE DRAIN FOR ICE MACHINE.
 - 20AMP CIRCUITS
 - 50 GALLON WATER HEATER
 - 24" x 18" ALUMINUM LOUVERED BUG SCREEN
 - REGENCY 91" 16 GAUGE STAINLESS STEEL TWO COMPARTMENT SINK
 - VIMINTECH HURRICANE IMPACT WINDOWS AS SUPPLIED BY TOMMY'S GLASS & MIRROR, OR APPROVED EQUAL.
 - STAINLESS STEEL HAND SINK
 - IRRIGATION TIMER
 - CUSTOM STAINLESS STEEL COUNTERS SAME ELEVATION AS WINDOW. PROVIDE STAINLESS WINDOW SILL WITH SILL BELOW COUNTER. 24" DEEP x 9" HIGH BACK SPLASH.
 - FLOOR DRAIN WITH PEE TRAP



PLUMBING - WASTE RISER
SCALE: 1/8" = 1'-0"



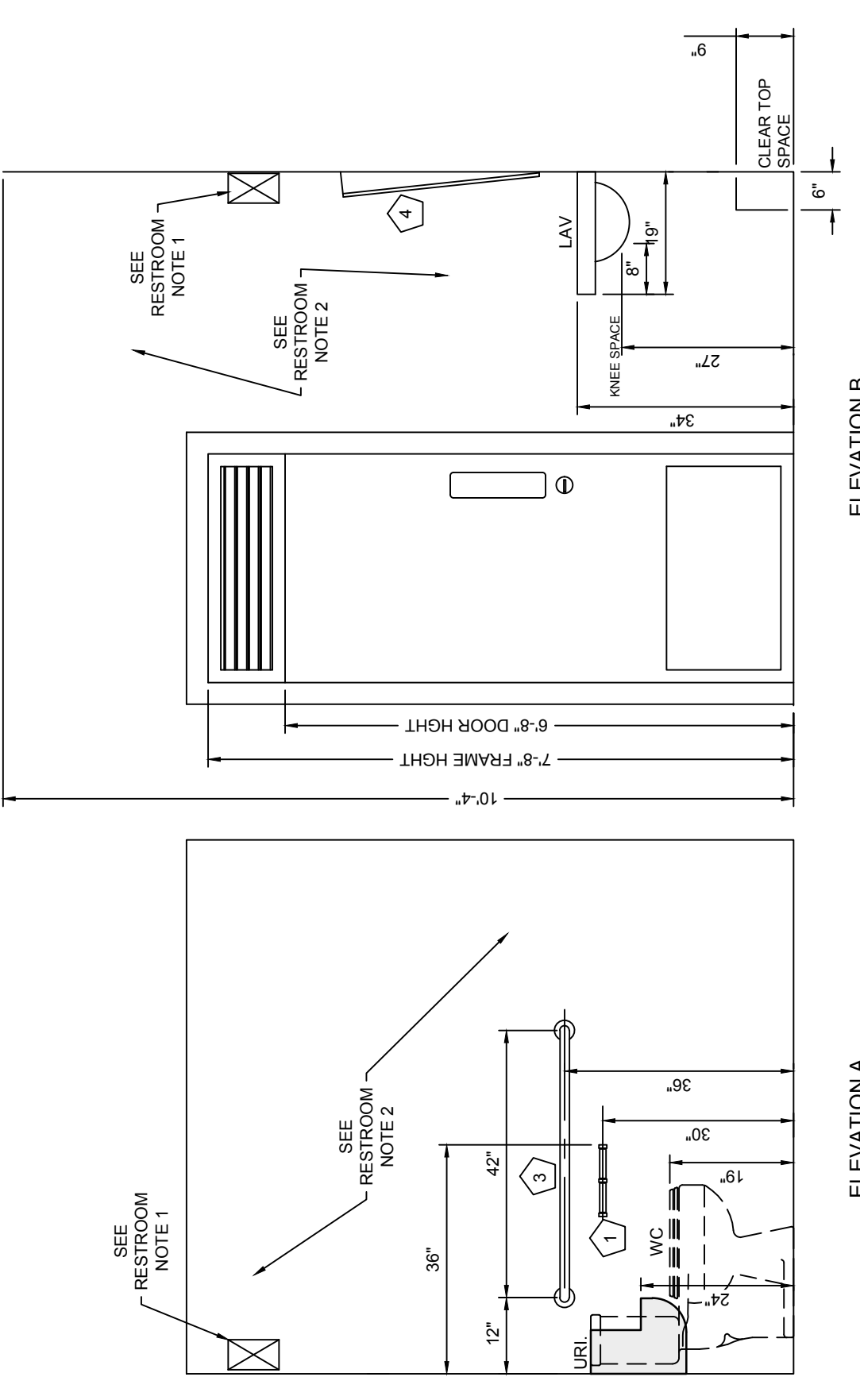
- URINAL DETAIL**
SCALE: 1/8" = 1'-0"
- SPECIFICATIONS:**
- AMERICAN STANDARD MAYBROOK 1.0 GPF URINAL IN WHITE. APPROVED EQUAL. CONTRACTOR TO SUBMIT SHOP DRAWING FOR CITY APPROVAL.

- NOTES**
- FOR PLUMBING FIXTURE ELEVATIONS AND DIMENSIONS SEE CEILING AND RESTROOM VESTIBULE TO BE 3/4" CDX PLYWOOD w/ 1/2" TRIM AND PAINTED WITH 12 MILS. OWNER TO CHOOSE CEILING IN RESTROOMS AND CONCESSION AREA TO BE ACOUSTICAL w/ DROP IN TILES. TYPE TO BE CHOSEN BY OWNER.
 - WALLS IN STORAGE TO BE 3/4" CDX PLYWOOD w/ 1/2" TRIM AND (FIBERGLASS REINFORCED PANEL) 3/32" THK. P100 WHITE (PEBBLED) FINISH. FLOOR IN STORAGE TO BE PAINTED WITH 2 PART EPOXY. OWNER TO CHOOSE COLOR.
 - FLOOR IN RESTROOMS AND CONCESSION TO BE 606 GRAY CERAMIC TILE.
 - ALL CONDUITS FOR SECURITY AND AV SHALL COME UP IN STOREROOM AND BE SUPPLIED WITH PULL STRING. SEE SITEWORK PLAN FOR SECURITY AND AV CONDUIT LAYOUTS. W/ 1/2" TRIM AND 1/2" TRIM AND IRIGATION USE. SEE SITEWORK PLAN SET FOR ROUTING.

- DOOR SCHEDULE**
- 3/4" x 7/8" x 3/4" SOLID CORE 1" FC FLUSH PANEL FILLANT FIBERGLASS DOOR BY PEACH TREE DOORS
 - DOOR HARDWARE: HINGES - HAGER - BB - STAINLESS STEEL. LATCHES - HAGER - BB - STAINLESS STEEL. PUSH PLATE - HES - HAGER OR STANLEY. PULL PLATE - SANTI GRASP GERM FREE HANDLE. CLOSER - LON TUSH-N-STOP. FINISH - US20 OVER BRASS OR STAINLESS STEEL.

- LIGHTING SCHEDULE**
- A. H.E. WILLIAMS LED LIGHT CAT. NO. E6L244-L260860-HMFR-DRV-LMV
 - B. PHILIPS STONCO LED TRACK LIGHT CAT. NO. PHOTOCELL CAT. NO.
 - C. PROVIDE PHOTOCELL WITH RESTROOM VESTIBULE FIXTURE
 - D. PROVIDE OCCUPANT SENSOR SWITCH W/ 15 MIN. AUTO SHUTOFF

- CONCRETE NOTES:**
- ALL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4,000 PSI.
 - W/ FIBERMESH
 - ALL CONCRETE SHALL HAVE A MAX. 2" SLUMP.



RESTROOM INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

- RESTROOM NOTES:**
- OPTIONAL BATTERY POWERED FLOOR EXTERIOR GRADE WANDAL RESISTANT LENSE BATTERIES TO BE SOLAR CHARGED. LAMPS ON VVA PHOTO CELL - OFF VVA 3 HOUR TIMER.
 - FRP (FIBERGLASS REINFORCED PANEL) 3/32" THK P100 WHITE (PEBBLED) AS MFG BY MARLITE OVER 7" MR GYPSUM BOARD.
 - CEILING TO BE 7" AC INTERIOR PLYWOOD PAINTED EPOXY OFF-WHITE OVER 2X WOOD FRAMING.
 - FLOORING TO BE 606 GRAY CERAMIC TILE W/BLACK GROUT OVER 1/2" THK "WOOD BOARD" OVER 3/4" CDX PLYWOOD SUBFLOOR.

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE
1	SURFACE MOUNTED TOILET PAPER HOLDER	(B-220)	SEE ELEV.	
2	19" WIDE STAINLESS STEEL GRAB BARS (R' COND)	(B-820)	SEE ELEV.	
3	19" WIDE STAINLESS STEEL GRAB BARS (L' COND)	(B-820)	SEE ELEV.	
4	SURFACE MOUNTED V.C. MIRROR	(B-820)	SEE ELEV.	

RESTROOM ACCESSORIES SCHEDULE
SCALE: 1/4" = 1'-0"

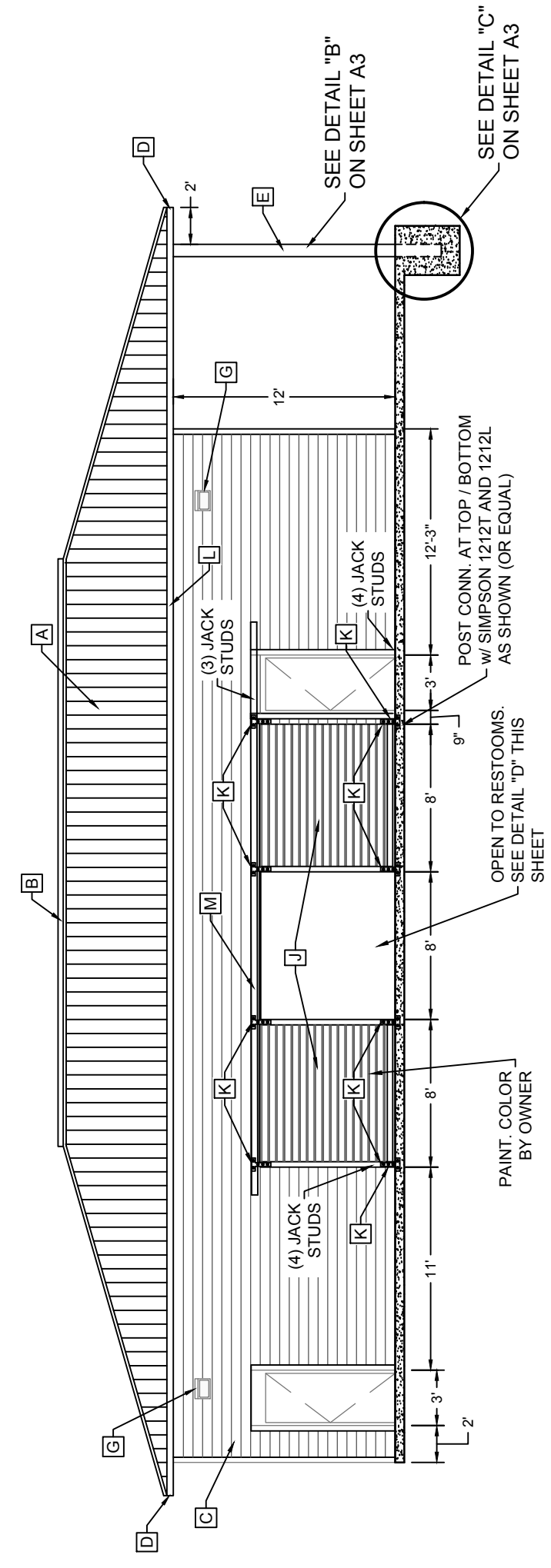
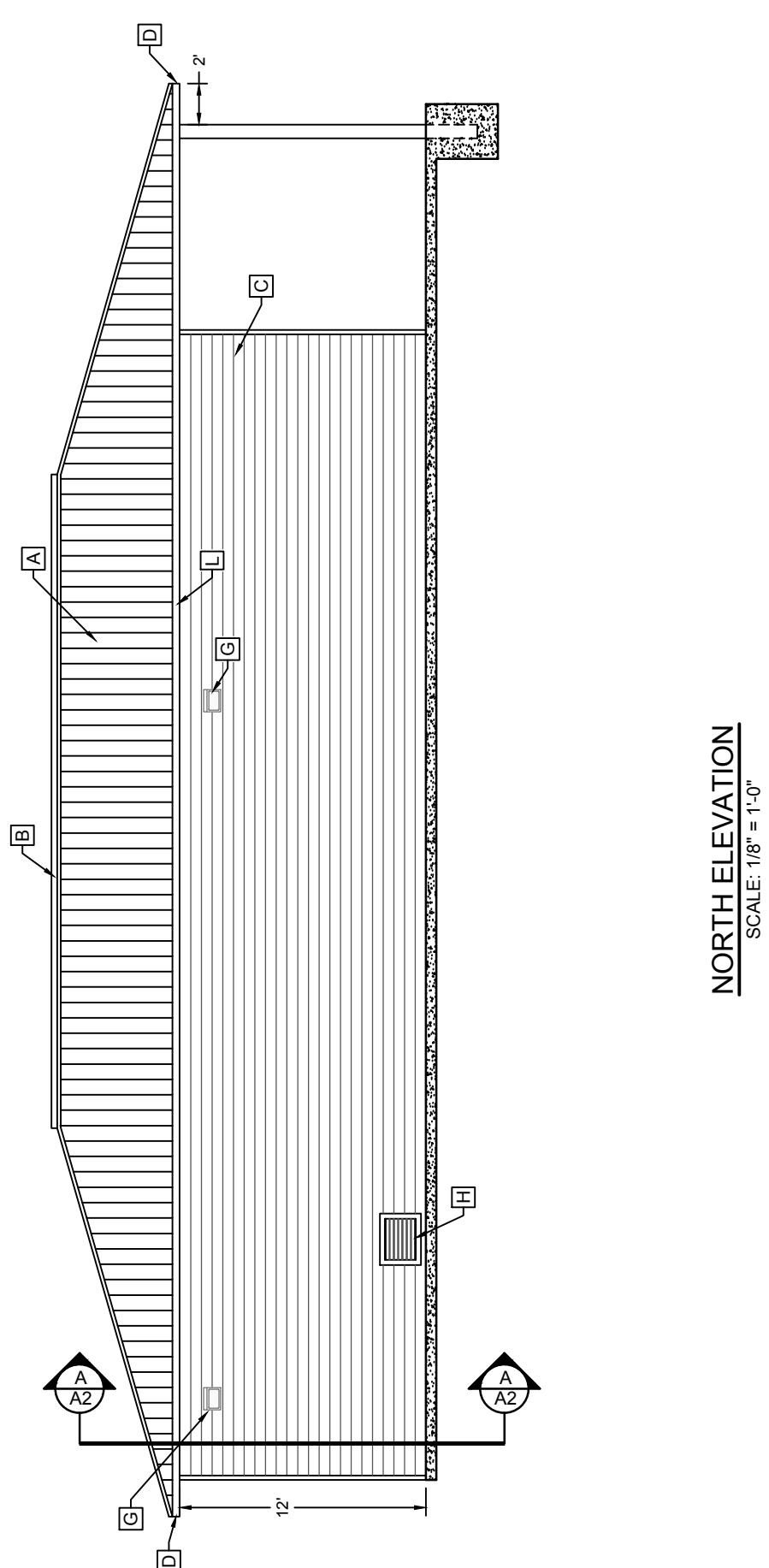
CONCESSION STAND PLAN
GORE PARK
IMPROVEMENTS
CALLAWAY, FLORIDA

PANHANDLE ENGINEERING, INC.
ENGINEERS & ARCHITECTS
6040 Ohio Avenue, Jacksonville, Florida 32244
(850) 759-5200 www.panhandleengineering.com

REV	DATE	BY	REVISIONS	SCALE	AS NOTED
DESIGNED BY:	CRF				
DRAWN BY:	JAH				
REVIEWED BY:	CRF				
ISSUE DATE:	FEBRUARY 2022				
ACAD FILE NAME:	260184-1849.dwg				
NOTED	RELEASED FOR CONSTRUCTION	BY:	DATE:		

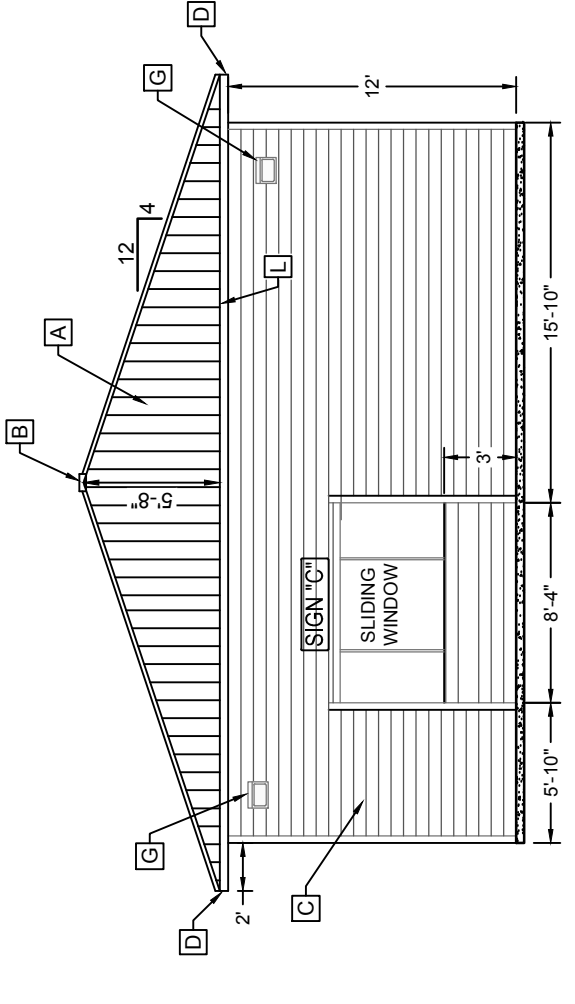
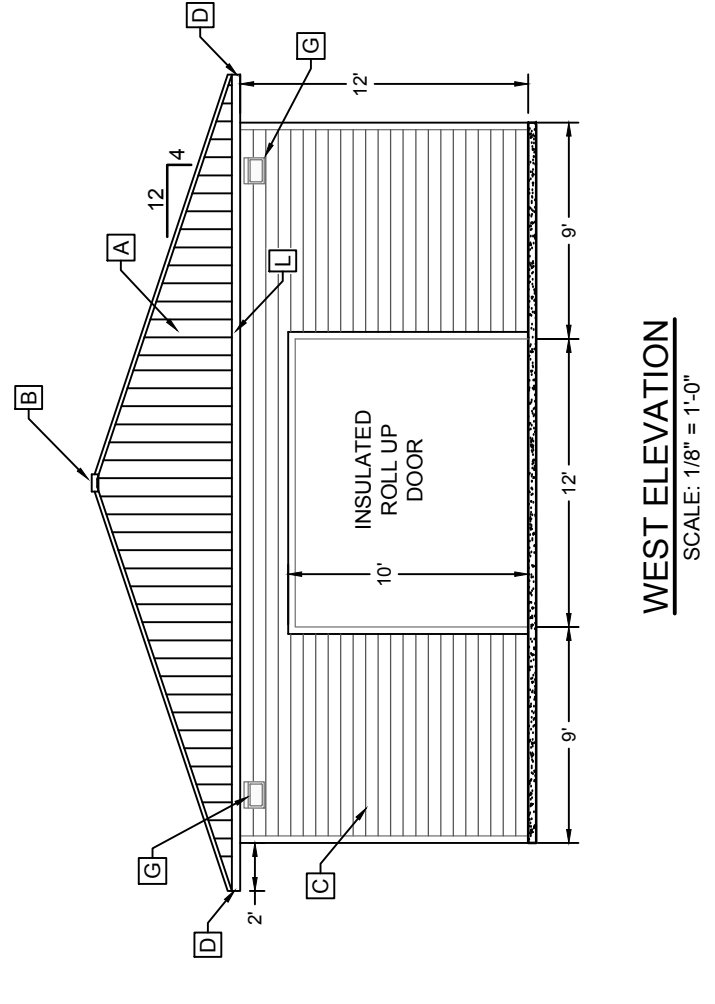
PROFESSIONAL SEAL
STATE OF FLORIDA
NO. 58028
JAMES H. SHAW, P.E. 33177
Suzanne E. Price, P.E. 71166
J. Doug Cook, P.E. 66656
DPR CERTIFICATION #EEB-7026

- LEGEND**
- A 26 GAUGE METAL ROOF SYSTEM, STANDING SEAM (GALVANIZED), WITH MANUFACTURER APPROVED UNDERLAYMENT.
 - B RIDGE VENT
 - C PAINTED FIBRECEMENT LAP SIDING - 4" EXPOSURE
 - D 2" x 6" PT FASCIA PT. (COLOR CHOSEN BY OWNER)
 - E 8" x 6" PT COLUMN - ENCASED IN FIBRECEMENT TRIM
 - F PAINTED 1" x 12" FIBRECEMENT BAND
 - G LED WALLPACK WITH PHOTO CELL
 - H 24" x 18" ALUMINUM LOUVER AND BUG SCREEN
 - I OPEN FIXED 1' x 6" PT DECK BOARD (COLOR BY OWNER)
 - J 1/4" THICK x 2" WIDE GALVANIZED TEE BRACKETS
 - K INSTALL COMMERCIAL GRADE ALUMINUM SEAMLESS GUTTERS WITH DOWNSPOUTS ON ALL SIDES. OWNER TO CHOOSE COLOR.
 - L (3) - 1/2" x 1/8" LVL WITH STRAPS ON BOTH SIDES WITH (4) JACK STUDS EACH SIDE.
- NOTES:**
- METAL ROOFING SHALL BE 26 GAUGE METAL ROOF SYSTEM, REPAIRED BY BAKER METAL OR APPROVED EQUAL. COLOR TO BE CHOSEN BY OWNER.
 - RIDGE VENT TO CONTINUOUS WITH CAPPED ENDS AS MANUFACTURED BY METAL ROOF CONTRACTOR.
 - FIBRECEMENT LAP SIDING COLORS TO BE CHOSEN BY OWNER. UP TO 4 COLORS, SIDING AND TRIM.
 - ALL FIBRECEMENT SHALL BE CALKED AND PAINTED - 12 MILS.
 - LED WALLPACK SHALL BE PHILLIPS STONKO LED WALLPACK w/ PHOTOCELL CAT. No. WPMLLED-36L-530-NW-120-PCB-SZ



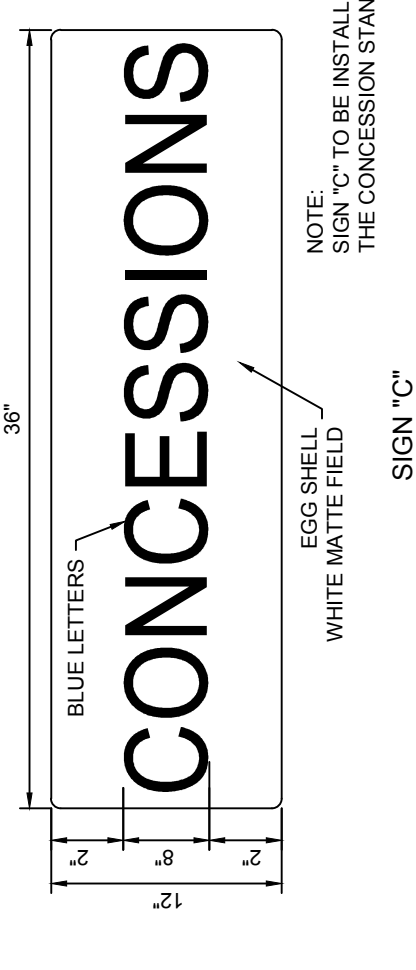
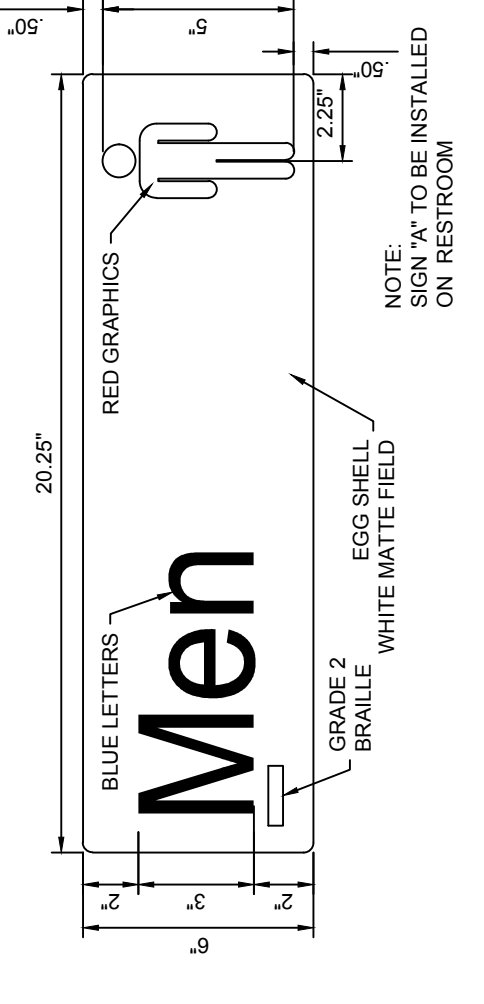
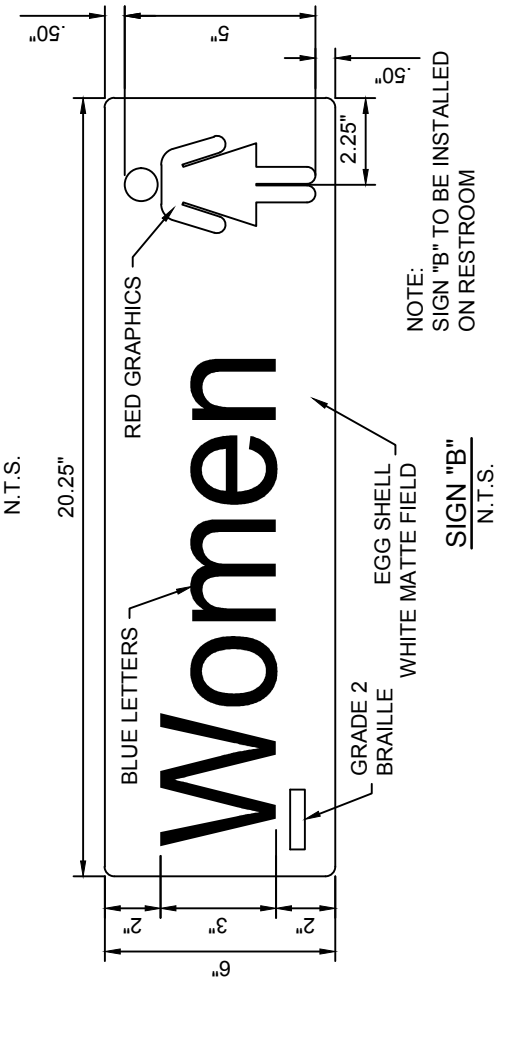
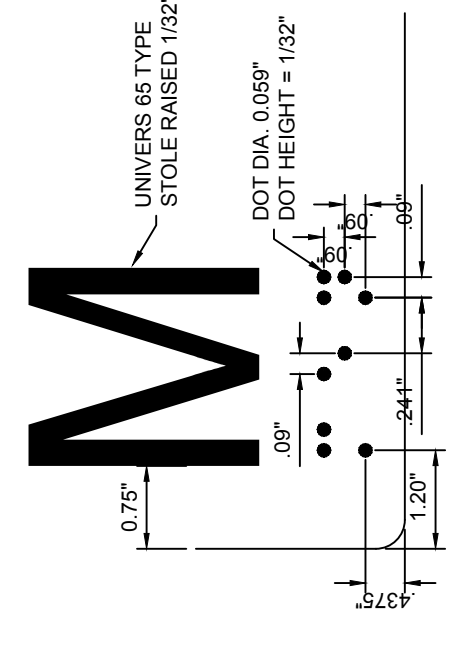
NORTH ELEVATION
SCALE: 1/8" = 1'-0"

SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

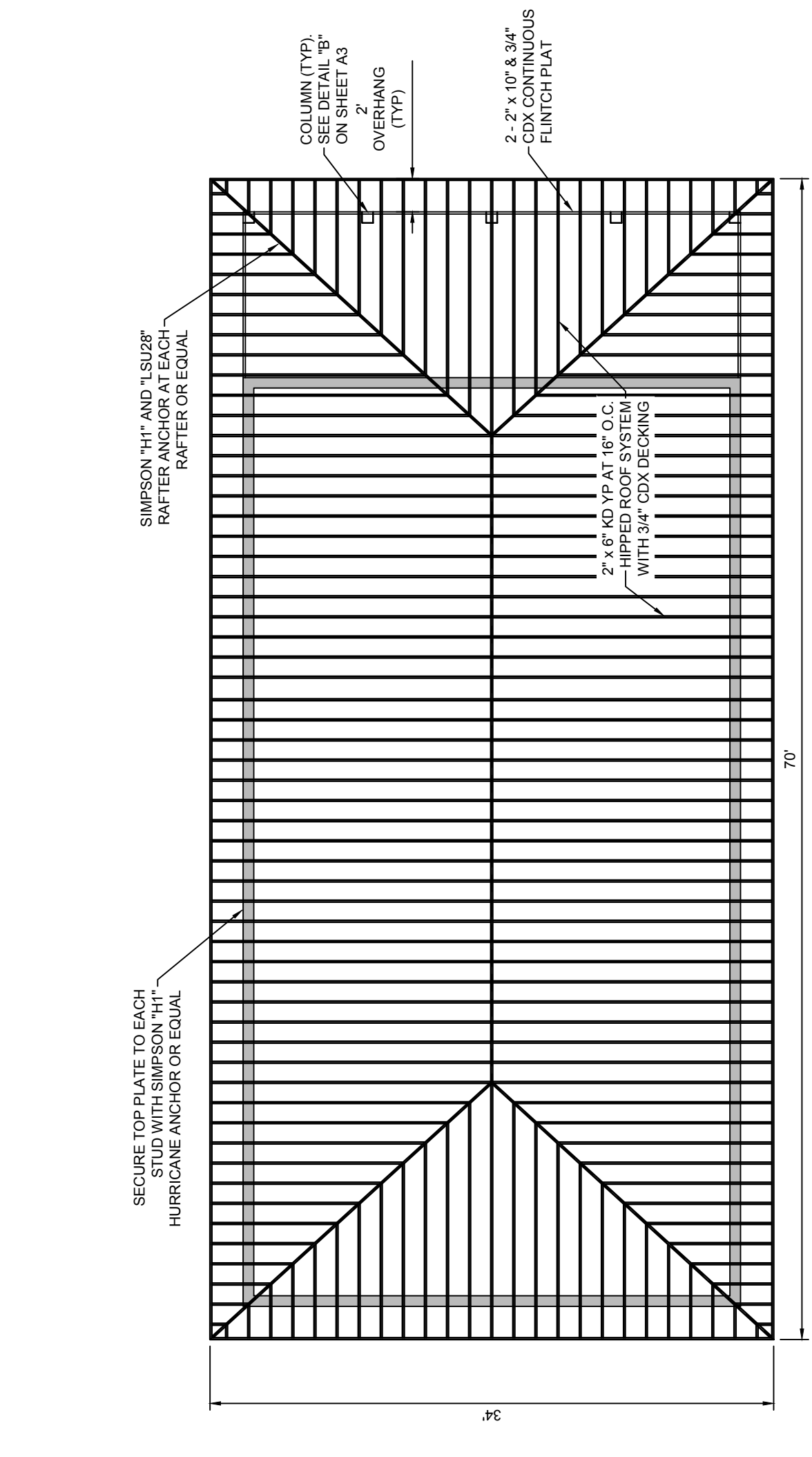


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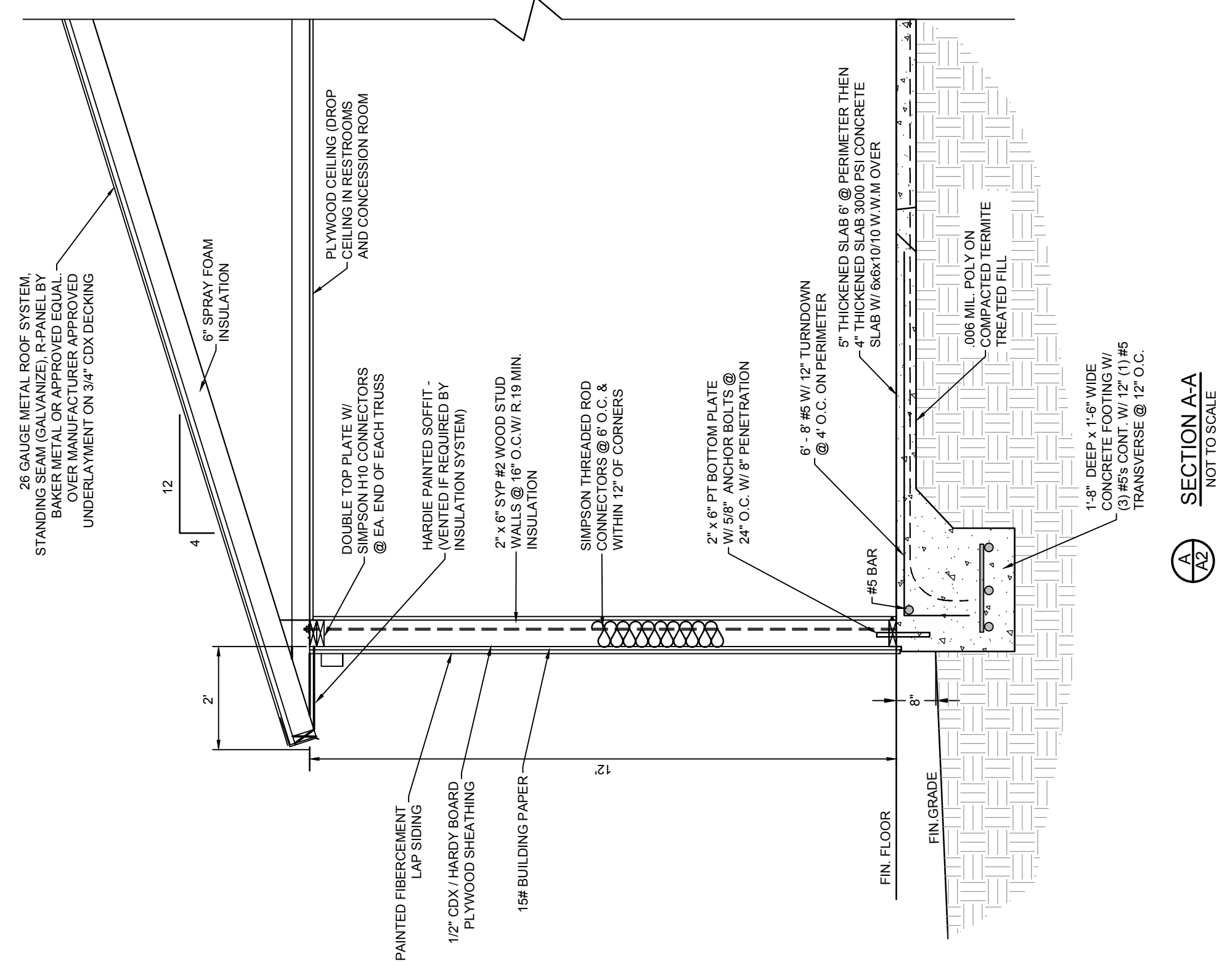
EAST ELEVATION
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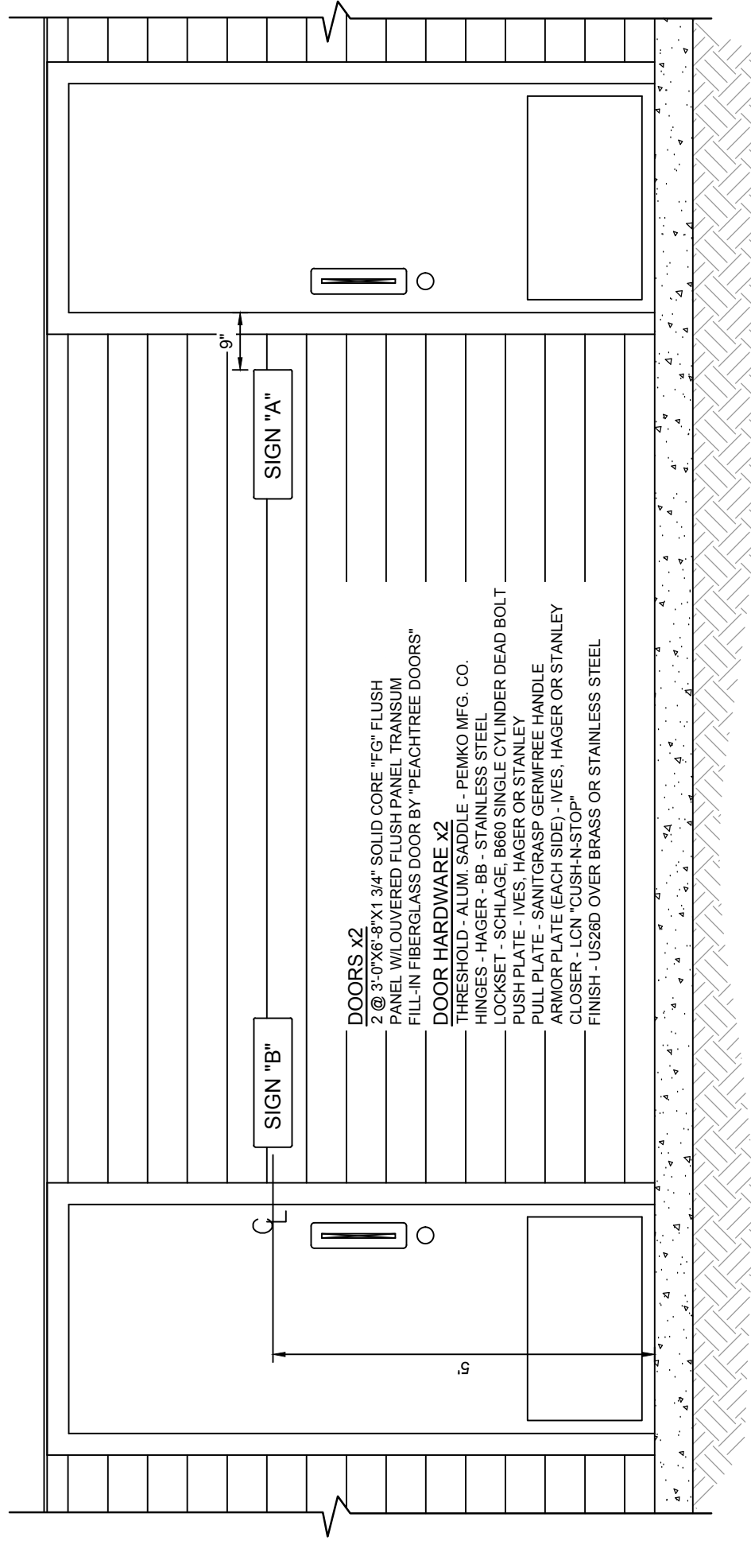
- GENERAL NOTES:**
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL BUILDING PERMITS FROM THE CITY.
 - CONTRACTOR SHALL COMPLY WITH THE SOUTHERN BUILDING CODE.
 - CONTRACTOR SHALL PROVIDE HURRICANE CLIPS WHERE REQUIRED BY THE BUILDING CODE.



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



SECTION AA
NOT TO SCALE



RESTROOM ENTRY DETAIL
SCALE: 1" = 2"

REV	DATE	BY	REVISIONS

SCALE: AS NOTED

DESIGNED BY: CBF
DRAWN BY: JAH
REVIEWED BY: CBF

ISSUE DATE: FEBRUARY 2022
ACAD FILE NAME: 26018a1-Bldg.dwg

DATE: _____
RELEASED FOR CONSTRUCTION BY: _____

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ENVIRONMENTAL ENGINEERS • CIVIL ENGINEERS • LAND PLANNERS
600 Ohio Avenue, Jacksonville, Florida 32244
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CONCESSION STAND ELEVATIONS AND DETAILS
GORE PARK IMPROVEMENTS
CALLAWAY, FLORIDA

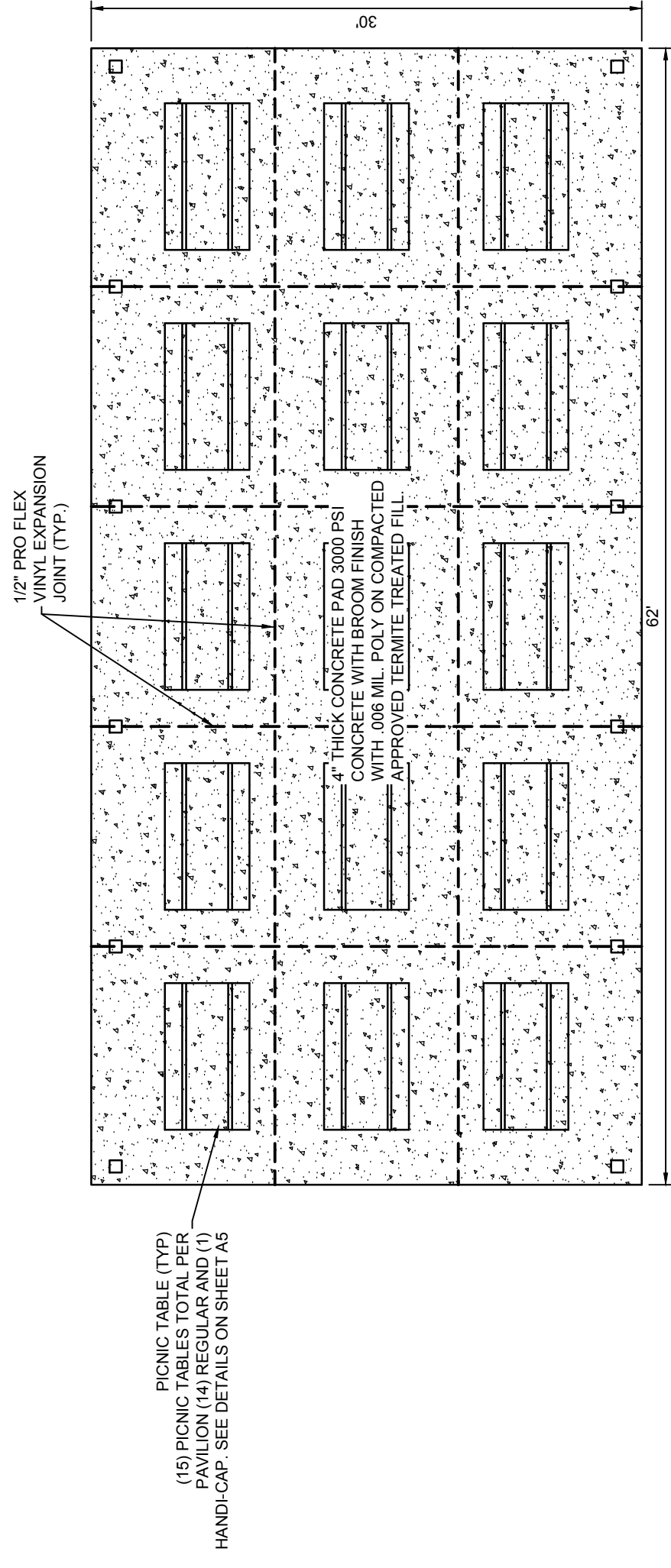
JAMES H. SHORIN, P.E. 33107
SHEPHERD E. PRIDE, P.E. 11646
J. DOUG COOK, P.E. 66595

PROFESSIONAL ENGINEERS & ARCHITECTS
NO. 58028
STATE OF FLORIDA

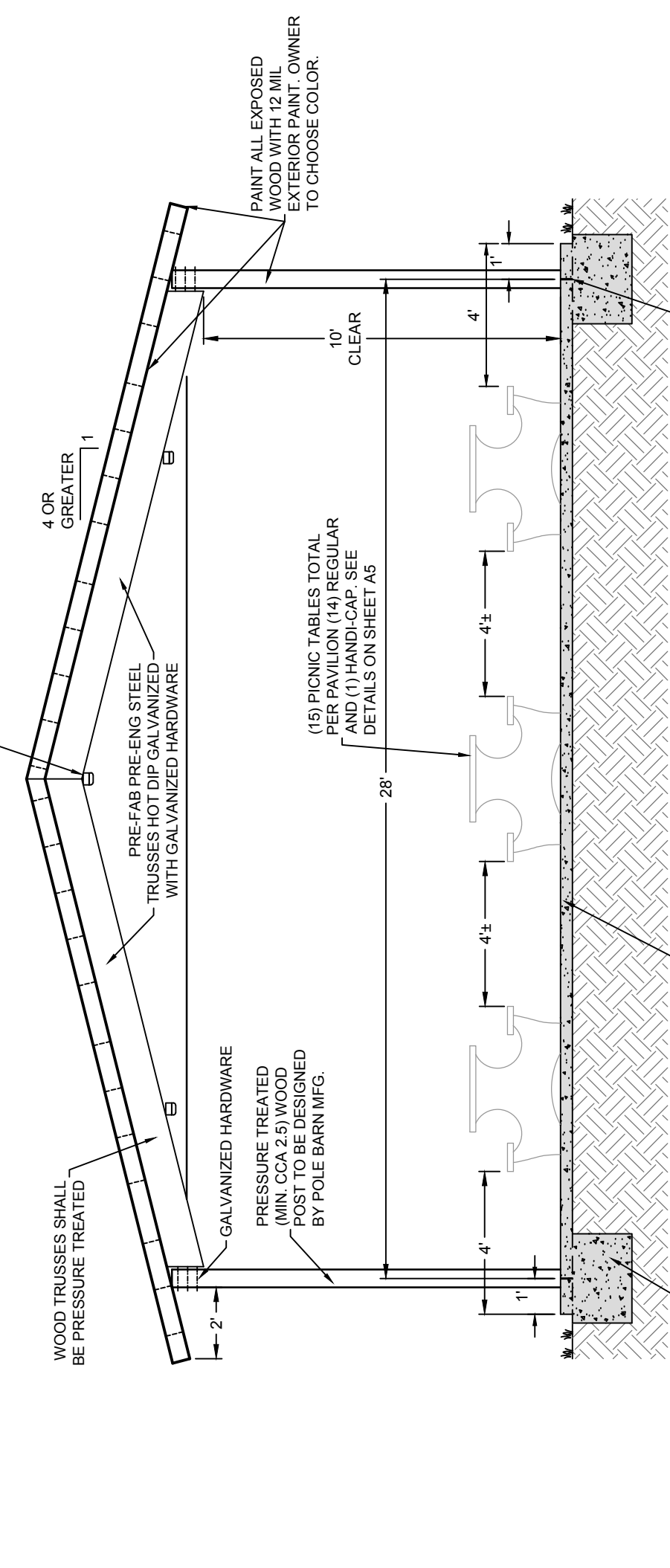
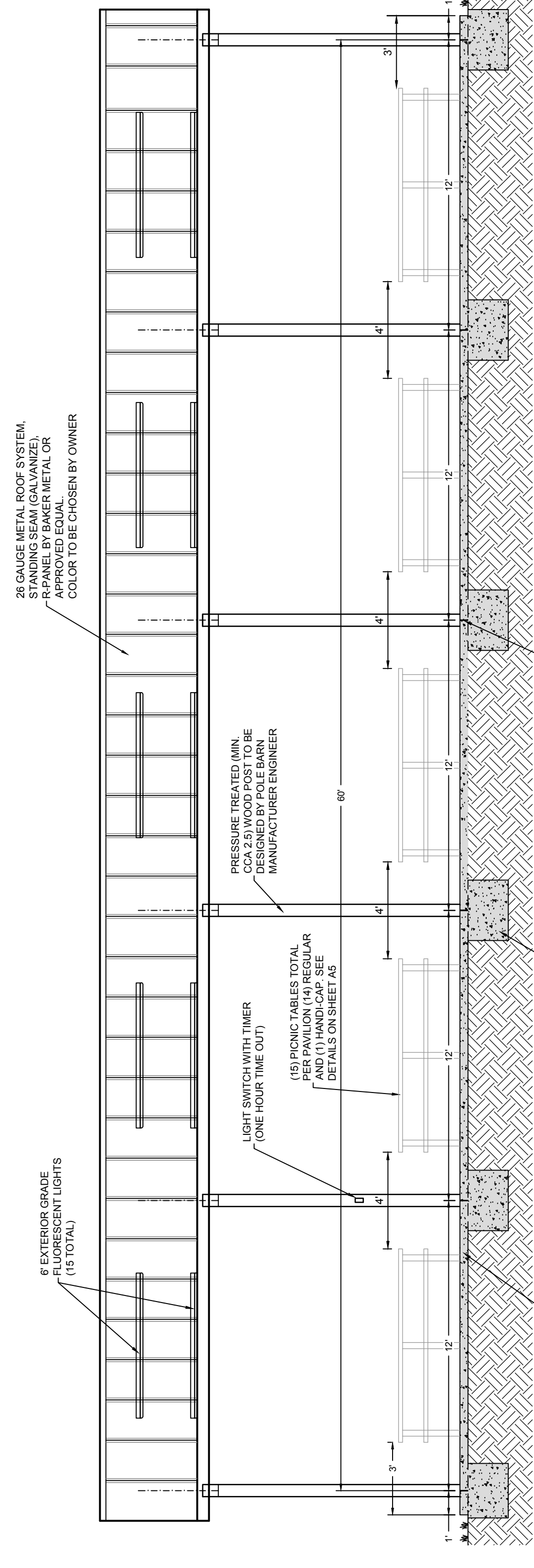
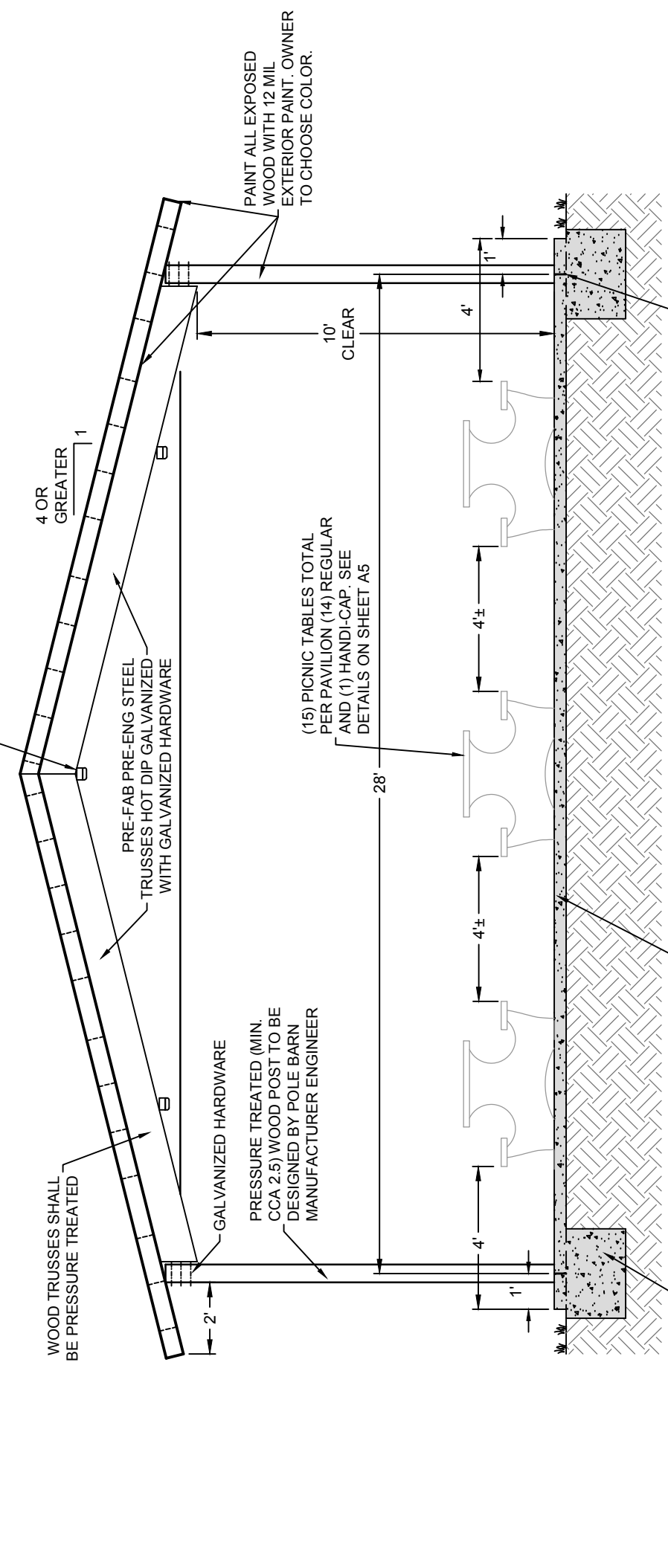
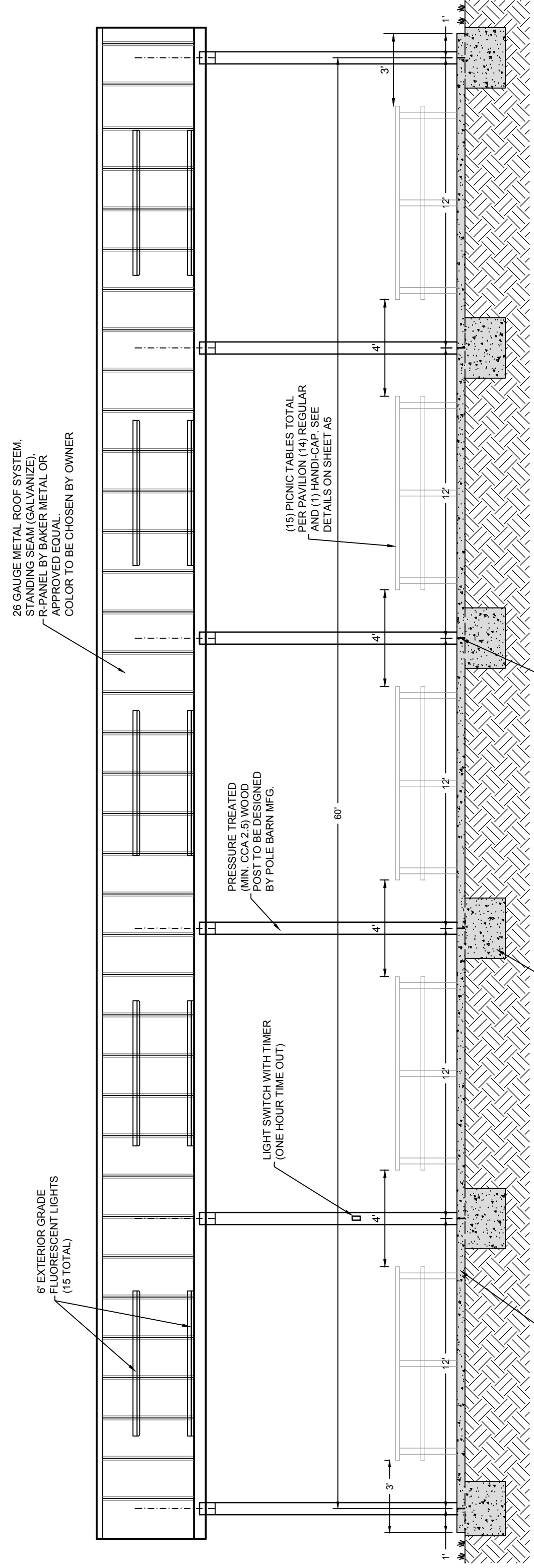
SHEET NUMBER
A2

PROJECT NUMBER
26018

DPR CERTIFICATION # 587626



- NOTES:
- POLE BARN MANUFACTURER SHALL PROVIDE ENGINEERING WITH SIGNED AND SEALED STRUCTURAL PLANS AND CALCULATIONS TO BE SUBMITTED AND APPROVED BY THE CITY'S ENGINEER
 - POLE BARN SHALL BE DESIGNED FOR 140 MPH WIND LOAD / SPEED.
 - ALL LUMBER TO BE PRESSURE TREATED.



REV	DATE	BY	REVISIONS

NOTED: SCALE: AS NOTED

DESIGNED BY: CBF

DRAWN BY: JAH

REVIEWED BY: CBF

ISSUE DATE: FEBRUARY 2022

ACAD FILE NAME: 26018a1-Bldg.dwg

DATE: _____

RELEASED FOR CONSTRUCTION BY: _____

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COVERED PAVILION ELEVATIONS AND DETAILS
GORE PARK IMPROVEMENTS
CALLAWAY, FLORIDA

James H. Shriver, P.E. 3917
Shirley E. Price, P.E. 7166
J. Doug Cook, P.E. 6656

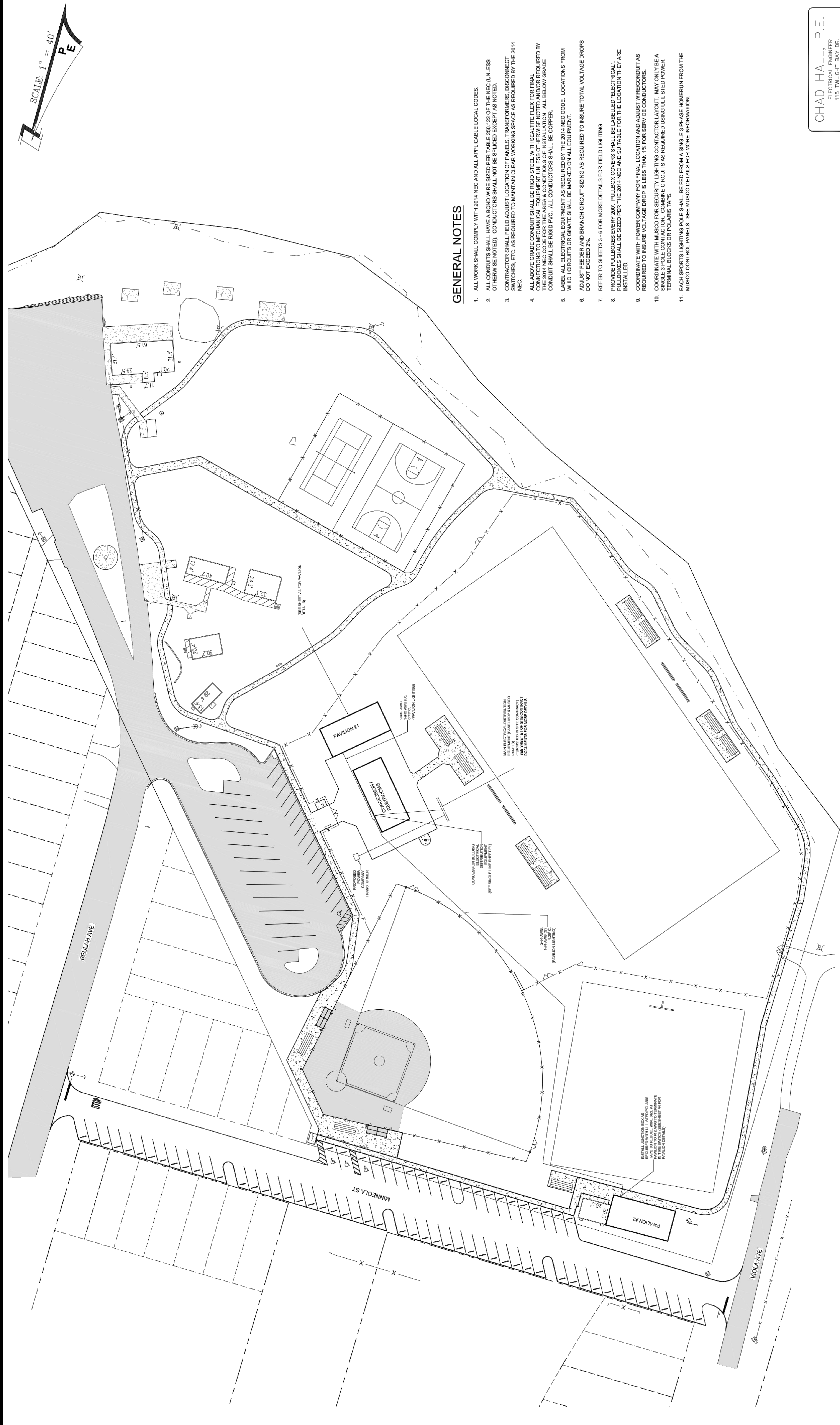
NO. 58028

STATE OF FLORIDA

REGISTERED PROFESSIONAL ENGINEERS

DATE: _____

RELEASED FOR CONSTRUCTION BY: _____



GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH 2014 NEC AND ALL APPLICABLE LOCAL CODES.
2. ALL CONDUITS SHALL HAVE A BOND WIRE SIZED PER TABLE 250.122 OF THE NEC (UNLESS OTHERWISE NOTED). CONDUCTORS SHALL NOT BE SPLICED EXCEPT AS NOTED.
3. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PANELS, TRANSFORMERS, DISCONNECT SWITCHES, ETC. AS REQUIRED TO MAINTAIN CLEAR WORKING SPACE AS REQUIRED BY THE 2014 NEC.
4. ALL ABOVE GRADE CONDUIT SHALL BE RIGID STEEL WITH SEAL TITE FLEX FOR FINAL INSTALLATION. ALL CONDUIT SHALL BE MARKED WITH THE 2014 NEC CODE FOR THE AREA & CONDITIONS OF INSTALLATION. ALL BELOW GRADE CONDUIT SHALL BE RIGID PVC. ALL CONDUCTORS SHALL BE COPPER.
5. LABEL ALL ELECTRICAL EQUIPMENT AS REQUIRED BY THE 2014 NEC CODE. LOCATIONS FROM WHICH CIRCUITS ORIGINATE SHALL BE MARKED ON ALL EQUIPMENT.
6. ADJUST FEEDER AND BRANCH CIRCUIT SIZING AS REQUIRED TO INSURE TOTAL VOLTAGE DROPS DO NOT EXCEED 2%.
7. REFER TO SHEETS 3 - 6 FOR MORE DETAILS FOR FIELD LIGHTING.
8. PROVIDE PULLBOXES EVERY 200'. PULLBOX COVERS SHALL BE LABELLED "ELECTRICAL". PULLBOXES SHALL BE SIZED PER THE 2014 NEC AND SUITABLE FOR THE LOCATION THEY ARE INSTALLED.
9. COORDINATE WITH POWER COMPANY FOR FINAL LOCATION AND ADJUST WIRE/CONDUIT AS REQUIRED TO INSURE VOLTAGE DROP IS LESS THAN 1% FOR SERVICE CONDUCTORS.
10. COORDINATE WITH MUSCO FOR SECURITY LIGHTING CONTACTOR LAYOUT. MAY ONLY BE A TERMINAL BLOCKS OR POLARIS TAPS.
11. EACH SPORTS LIGHTING POLE SHALL BE FED FROM A SINGLE 3 PHASE HOMERUN FROM THE MUSCO CONTROL PANELS. SEE MUSCO DETAILS FOR MORE INFORMATION.

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 FL License # 65546

SHEET NUMBER	E1
PROJECT NUMBER	26018

James H. Shover, P.E. 39107 06/2020
 Stephen E. Price, P.E. 71166
 J. Doug Cook, P.E. 66566
 DPR CERTIFICATION # EB-7026

ELECTRICAL SITE PLAN - BUILDING PACKAGE GORE PARK IMPROVEMENTS CALLAWAY, FLORIDA

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 600 Ohio Avenue • Tallahassee, Florida 32344
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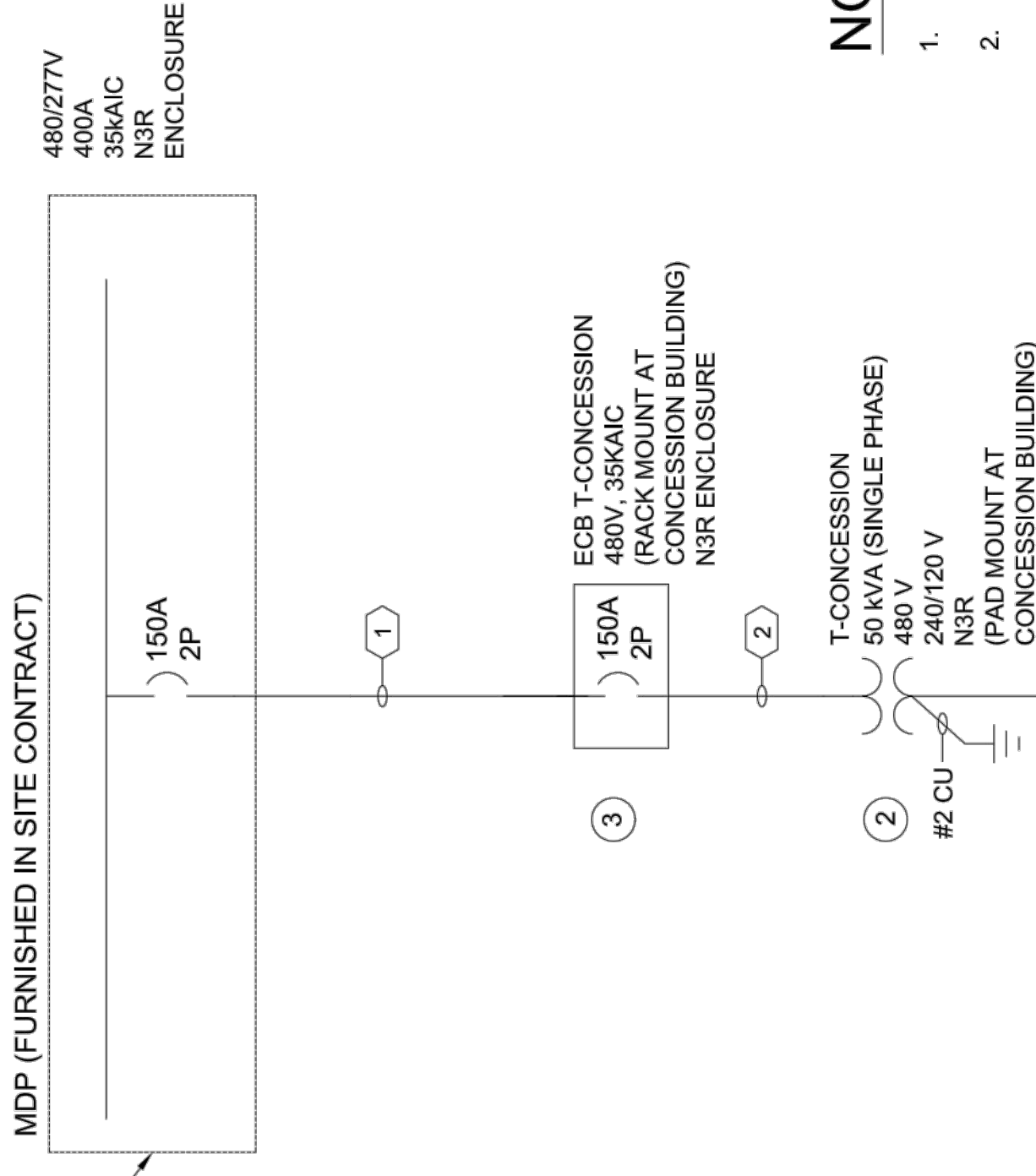
SCALE:	AS NOTED
DESIGNED BY:	CRF
DRAWN BY:	JAH
REVIEWED BY:	CRF
ISSUE DATE:	FEBRUARY 2022
ACAD FILE NAME:	26018A-18dg.dwg

REV	DATE	BY	REVISIONS

RELEASED FOR CONSTRUCTION BY: _____ DATE: _____

CONDUIT AND WIRE LEGEND (NUMBERS REFERENCE THIS SHEET ONLY)	
NO.	DESCRIPTION
①	2 - #10 AWG, 1 - #6 AWG (G), 1.5" C.
②	2 - #10 AWG, 1 - #6 AWG (G), 1.5" C.
③	3 - #250 KCMIL, 1 - #4 AWG (G), 2" C.
④	2 - #12 AWG, 1 - #12 AWG (G), 0.5" C.
⑤	4 - #10 AWG, 1 - #10 AWG (G), 1" C.
⑥	2 - #10 AWG, 1 - #12 AWG (G), 0.5" C.
⑦	3 - #6 AWG, 1 - #6 AWG (G), 1" C.
⑧	3 - #10 AWG, 1 - #12 AWG (G), 0.5" C.
⑨	2 - #4 AWG, 1 - #4 AWG (G), 1.25" C.

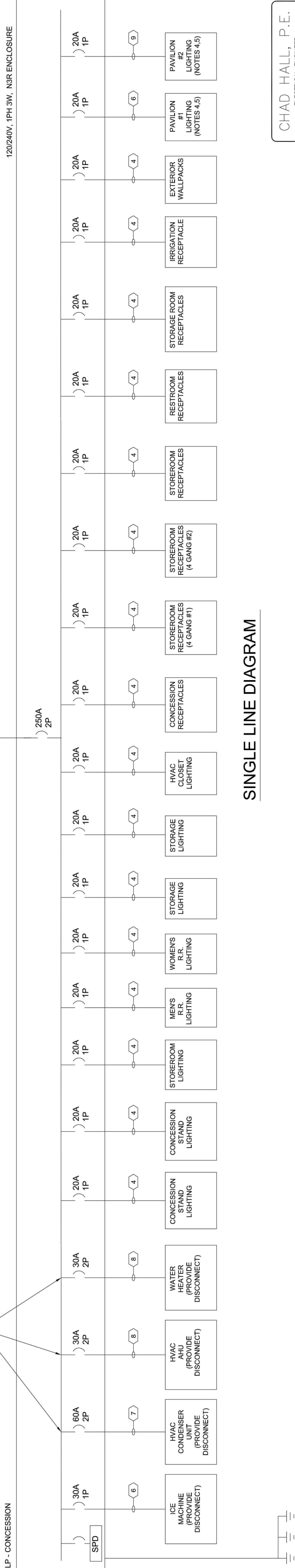
EQUIPMENT SCHEDULE	
①	LP - 240/120V, 1PH/3W, 250A PANEL, 10KAIC, N3R RACK MOUNTED. PROVIDE WITH COPPER BUSING AND BREAKERS AS SHOWN ON SINGLE LINE. 100KA PER PHASE / 80KA PER MODE SPD. PROVIDE WITH HINGED INTERIOR AND LOCKABLE EXTERIOR DOOR.
②	T-CONCESSION - 1PH, 50 KVA, 480V PRIMARY, 120/240V SECONDARY, N3R TRANSFORMER. PROVIDE CONCRETE PAD.
③	ENCLOSED CIRCUIT BREAKER IN NEMA 3R ENCLOSURE, 480V/277V, 150A, 2P, 3KKAIC, SQUARED D TYPE HG OR EQUAL.



NOTES

- SEE ELECTRICAL SITE PLAN FOR EQUIPMENT LOCATIONS.
- FURNISH TROUGH & UL LISTED POLARIS TAPS OR EQUAL TO REDUCE WIRE SIZE TO FIT EQUIPMENT TERMINALS AS REQUIRED.
- SEE SHEETS A1 & A2 FOR CONCESSION STAND LIGHTING AND POWER LAYOUT.
- SEE SHEET A4 FOR PAVILION LIGHTING LAYOUT AND DETAILS.
- FURNISH 1 HOUR TIME SWITCH AT BOTH PAVILIONS FOR LIGHTING CONTROL (120VAC, 20A). SWITCH SHALL BE IN WEATHERPROOF ENCLOSURE, INTERMATIC FF680MC OR EQUAL.

① LP - CONCESSION
 ② T-CONCESSION
 ③ T-CONCESSION



SINGLE LINE DIAGRAM

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ELECTRICAL RISER & DETAILS - BUILDING PACKAGE
GORE PARK IMPROVEMENTS
CALLAWAY, FLORIDA

James H. Shown, P.E. 39107
 Stephen E. Price, P.E. 71646
 J. Doug Cook, P.E. 66656
 DPR CERTIFICATION # EB-7026

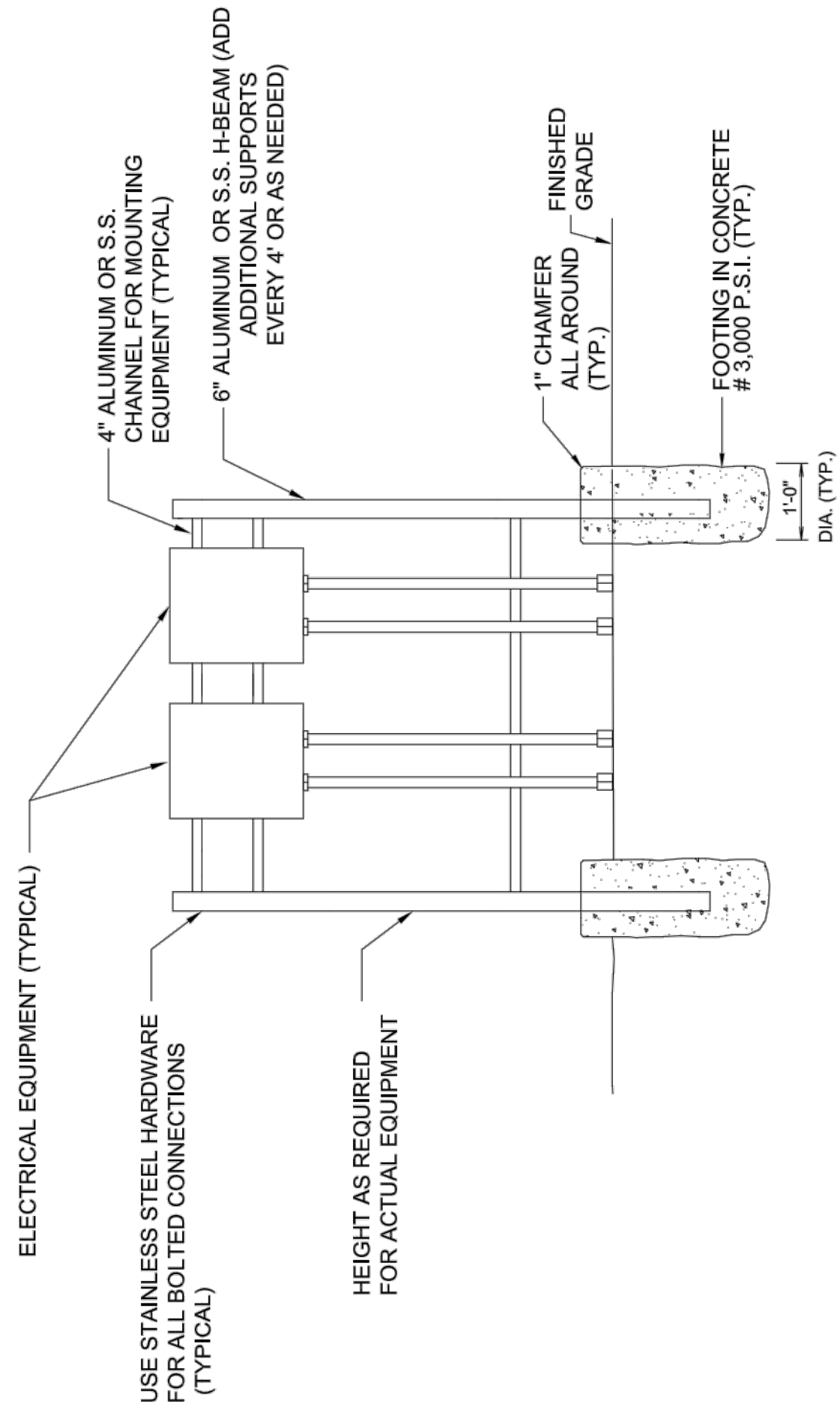
SHEET NUMBER
E2
 PROJECT NUMBER
26018

PAVILION LIGHTING FIXTURE SCHEDULE

DESCRIPTION	MANUFACTURER	MODEL NUMBER
ENCLOSED 8' ENCLOSED & GASKETED LED FIXTURE, 120VAC, SURFACE OR CHAIN MOUNTED AS REQUIRED, (QUANTITY 15 PER PAVILION - 1 HOUR TIME SWITCH CONTROLLED)	HE WILLIAMS	92-8-L50-840-HIAFR-SSCMB-UNV

CONCESSION STAND PORCH LIGHTING FIXTURE SCHEDULE

DESCRIPTION	MANUFACTURER	MODEL NUMBER
ENCLOSED 8' ENCLOSED & GASKETED LED FIXTURE, 120VAC, SURFACE OR CHAIN MOUNTED AS REQUIRED, (QUANTITY 15 PER CONCESSION STAND) SEE SHEETS AT & PAC FOR OTHER CONCESSION STAND LIGHTING FIXTURES.	HE WILLIAMS	92-8-L130-840-HIAFR-SSCMB-UNV



CONCESSION STAND ELECTRICAL EQUIPMENT RACK DETAIL

NOT TO SCALE

NOTE

- RACK MAY BE MOUNTED TO BUILDING OR ANCHORED TO CONCRETE IF SUITABLE FOR EQUIPMENT WEIGHT. 480/240/120V TRANSFORMER SHALL BE MOUNTED ON HOUSEKEEPING PAD.

PANEL: LP																	
1 PH		3 WIRE		VOLTAGE		L-L: 240		L-N: 120		MAIN: 250A MAIN CIRCUIT BREAKER		AIC RATING: 10,000		NEMA RATING: 1		MOUNTING: SURFACE	
LOCATION: SHOP AREA																	
OPTIONS: UL S.E. RATED, BOLT ON BREAKERS, COPPER BUS, HINGED TRM																	
CKT#	BKR	POLE	DESCRIPTION	VOLT-AMP	L1	L2	VOLT-AMP	DESCRIPTION	POLE	BKR	CKT#						
1	60	2	HVAC - CONDENSER (NOTE #1)	5760	6660	900	CONCESSION RECEPTACLES		1	20	2						
3				5760	6120	360	STOREROOM 4 GANG RECEPT #1		1	20	4						
5	30	2	HVAC - AHU (NOTE #1)	1500	1860	360	STOREROOM 4 GANG RECEPT #2		1	20	6						
7				1500	2040	540	STOREROOM RECEPTACLES		1	20	8						
9	30	2	WATER HEATER	2250	2610	360	RESTROOM RECEPTACLES		1	20	10						
11				2250	3510	1260	STORAGE ROOM RECEPTACLES		1	20	12						
13	30	1	ICE MACHINE	1560	1740	180	IRRIGATION RECEPTACLE		1	20	14						
15	20	1	CONCESSION LIGHTING	1140	1470	330	EXTERIOR WALL PACKS		1	20	16						
17	20	1	CONCESSION LIGHTING	1162	2362	1200	PAVILION #1 LIGHTING		1	20	18						
19	20	1	STOREROOM LIGHTING	664	1884	1200	PAVILION #2 LIGHTING		1	20	20						
21	20	1	WOMENS R.R. LIGHTING	1140	1140		SPARE		1	20	22						
23	20	1	WOMENS R.R. LIGHTING	1140	1140		SPARE		1	20	24						
25	20	1	STORAGE LIGHTING	1368	1368						26						
27	20	1	STORAGE LIGHTING	1368	1368						28						
29	20	1	HVAC CLOSESET LIGHTING	228	228						30						
31						0					32						
33						0					34						
35						0					36						
37						0					38						
39	60	2	SPD		0						40						
41					0						42						
TOTAL CONNECTED VA										17,968	17,532						
NOTE #1 - CONFIRM REQUIREMENTS WITH ACTUAL FURNISHED EQUIPMENT																	

PANEL "LP" - CONCESSION BUILDING PANEL SCHEDULE

REV	DATE	BY	REVISIONS	SCALE	AS NOTED
				DESIGNED BY: CBF	
				DRAWN BY: JAH	
				REVIEWED BY: CBF	
				ISSUE DATE: FEBRUARY 2022	
				ACAD FILE NAME: 26018a1-Bldg.dwg	
NOT				RELEASED FOR CONSTRUCTION BY: DATE:	

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PANEL SCHEDULE & DETAILS - BUILDING PACKAGE
GORE PARK IMPROVEMENTS
 CALLAWAY, FLORIDA

JAMES H. SHAW, P.E. 39107 #0026
 STEPHEN E. PYLE, P.E. 71646
 J. DOUG COOK, P.E. 66656

SHEET NUMBER
E3

PROJECT NUMBER
26018

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