

**ESCAMBIA COUNTY
FLORIDA**

INVITATION TO BIDDERS

**PENSACOLA BEACH SIGN FRAME REPLACEMENT
SPECIFICATION NUMBER PD 17-18.067**

BIDS WILL BE RECEIVED UNTIL 3:00 PM CDT, AUGUST 09, 2018

Office of Purchasing, Room 11.101
213 Palafox Place, Pensacola, FL 32502
Matt Langley Bell, III Building
Post Office Box 1591
Pensacola, FL 32591-1591

A non-mandatory Pre-Solicitation Conference will be held in the Office of Purchasing Conference Room, 11.407, at **10:30 AM CDT, July 24, 2018**

Board of County Commissioners

Jeff Bergosh, Chairman
Lumon J. May, Vice Chairman
Steven Barry
Grover C. Robinson, IV
Douglas B. Underhill

**From:
Paul R. Nobles
Purchasing Manager**

Assistance:

Jeffrey Lovingood
Purchasing Specialist
Office of Purchasing
2nd Floor, Matt Langley Bell, III Building
213 Palafox Place
Pensacola, FL 32502
Telephone: 850-595-4953
E-Mail: JDLovingood@myescambia.com

SPECIAL ACCOMMODATIONS:

Any person requiring special accommodations to attend or participate, pursuant to the Americans with Disabilities Act, should call the Office of Purchasing (850-595-4980) at least five (5) working days prior to the solicitation opening.

Notice

It is the specific legislative intent of the Board of County Commissioners that NO CONTRACT under this solicitation shall be formed between Escambia County and the awardee vendor until such time as the contract is executed by the last party to the transaction.

NOTICE

In accordance with Sec. 46-110(e) of the Escambia Code of Ordinances, all bid solicitation documents shall include the following notice to vendors of the local vendor preference policy:

Sec. 46-110.-Local Preference in Bidding

a) Legislative Intent:

The Escambia County Board of County Commissioners finds that local businesses are often at a disadvantage when competing with other non-local businesses in that the cost of doing business in Escambia County is higher than other areas of the state and giving local businesses a preference in the procurement of goods and services serves a compelling public purpose for the benefit of the taxpayer and residents of Escambia County as such preference encourages local industry, employment opportunities, and increases the County's overall tax base.

b) "Local Business" Defined:

For the purposes of this section, "Local Business" shall mean a business which meets all of the following criteria:

1. Has had a fixed office or distribution point located in and having a street address within Escambia County or Santa Rosa County for at least one (1) year immediately prior to the issuance of the request for competitive bids by the County. The fixed office or distribution point must be staffed by at least one (1) employee. Post Office boxes are not verifiable and shall not be used for the purpose of establishing a physical address, and
2. Holds any business license required by Escambia County or Santa Rosa County, and
3. Is the principal Offeror who is a single Offeror; a business which is the prime Contractor and not a Sub-Contractor, or a partner, or joint venture submitting an offer in conjunction with other businesses.

c) Certification:

Any vendor claiming to be a local business as defined above shall so certify in writing to the Escambia County Office of Purchasing. The certification shall provide all necessary information to meet the requirements provided herein. The purchasing agent shall not be required to verify the accuracy of any such certification, and shall have the sole discretion to determine if a vendor meets the definition of a "Local Business."

d) Preference in Purchase of Commodities and Services by Means of Competitive Bid:

Except where federal or state law, or any other funding source, mandates to the contrary, Escambia County may give preference to local businesses in the following manner:

Competitive Bid (Local Price Match Option): Each formal competitive bid solicitation (i.e. sealed bids) shall clearly identify how the price order of the bids received will be evaluated and determined.

When a qualified and responsive, non-local business submits the lowest price bid amount between \$50,000.00 and \$249,999.99, and the bid submitted by one or more qualified and responsive local businesses is within **five percent (5%)** of the price submitted by the non-

local business, then the local business with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualified and responsive non-local bidder.

When a qualified and responsive, non-local business submits the lowest price bid amount between \$50,000.00 and \$249,999.99, and the bid submitted by one or more qualified and responsive local businesses with a fixed office or distribution point located in a designated **Community Redevelopment Area (CRA)** is within **seven percent (7%)** of the price submitted by the non-local business, then the local business located in a designated CRA with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualifies and responsive non-local bidder.

When a qualified and responsive, non-local business submits the lowest price bid amount between \$250,000.00 and \$999,999.99, and the bid submitted by one or more qualified and responsive local businesses is within **three percent (3%)** of the price submitted by the non-local business, then the local business with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualified and responsive non-local bidder.

When a qualified and responsive, non-local business submits the lowest price bid amount between \$250,000.00 and \$999,999.99, and the bid submitted by one or more qualified and responsive local businesses with a fixed office or distribution point located in a designated **CRA** is within **five percent (5%)** of the price submitted by the non-local business, then the local business with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualified and responsive non-local bidder.

When a qualified and responsive, non-local business submits the lowest price bid amount in excess of \$1,000,000.00, and the bid submitted by one or more qualified and responsive local businesses is within **two percent (2%)** of the price submitted by the non-local business, then the local business with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualified and responsive non-local bidder.

When a qualified and responsive, non-local business submits the lowest price bid amount in excess of \$1,000,000.00, and the bid submitted by one or more qualified and responsive local businesses with a fixed office or distribution point located in a designated **CRA** is within **four percent (4%)** of the price submitted by the non-local business, then the local business with the apparent lowest bid offer (i.e., the lowest local bidder) shall have the opportunity to submit an offer to match the price(s) offered by the overall lowest, qualified and responsive non-local bidder.

In such instances, staff shall first verify whether the lowest non-local bidder and the lowest local bidder are in fact qualified and responsive bidders. Next, the purchasing department shall invite the lowest local bidder in writing to submit a matching offer which shall be submitted in writing to the Escambia County Office of Purchasing within five (5) business days thereafter.

If the lowest local bidder does not respond or otherwise submits a written offer that does not fully match the lowest bid from the lowest non-local bidder tendered previously then award shall be made to the lowest overall qualified and responsive non-local bidder.

In the event a local bidder is awarded a contract pursuant to this section, any requests for change orders increasing the cost of the project must be approved by the Escambia County Board of County Commissioners.

e) Notice:

All bid solicitation documents shall include notice to vendors of the local preference policy.

f) Waiver of the Application of Local Preference:

The application of local preference to a particular purchase or contract for which the Board of County Commissioners is the awarding authority may be waived upon approval of the Board of County Commissioners.

g) Limitations:

1. The provisions of this section shall apply only to procurements which are above the formal bid threshold as set forth in the Escambia County Purchasing Code.
2. The provisions of this section shall not apply where prohibited by federal or Florida law, or where prohibited under the conditions of any grant.
3. The provisions of this section shall not apply to any purchase exempted from the provisions of the Escambia County Purchasing Code.
4. The provisions of this section shall not apply to contracts made under the Consultants Competitive Negotiation Act (CCNA), F.S. § 287.055.

h) Penalties:

1. Misrepresentation:

A vendor who misrepresents the local preference status of its firm in a bid or proposal submitted to the County will lose the privilege to claim local preference status for a period of up to one (1) year from the date of the award of the contract or upon completion of the contract, whichever is greater.

2. Failure to Maintain Local Business Preference Qualifications:

Any vendor that does not maintain its local preference status resulted in the awarded contract shall be in breach of contract and will be subject to termination of the contract, suspension of payments under the contract, and loss of the local preference status on the contract awarded.

3. Lack of Good Faith:

The Contractor or firm may show that it attempted through reasonable and objective means and in good faith to comply with the terms of the contract relating to local businesses but was unable to comply. If the County determines that the Contractor or firm did not act in good faith, all amounts paid to the Contractor or firm under the County contract intended for expenditure with the local business shall be forfeited and recoverable by the County. In addition, the contract may be rescinded and the County may return all or a portion of the goods received and recover all amounts

paid under the contract for the goods which were returned.

Effective July 1, 2015, the County **may not** use a local preference for a “competitive solicitation for **construction services** in which **fifty percent (50%) or more** of the cost will be paid from state appropriated funds which have been appropriated at the time of the competitive solicitation.” For any such solicitation, the County must disclose in the bid package that “any applicable local ordinance or regulation does not include any local preference...” See §255.0991, Florida Statutes.

**ESCAMBIA COUNTY, FLORIDA
INVITATION TO BID
BIDDER'S CHECKLIST
PENSACOLA BEACH SIGN FRAME REPLACEMENT
SPECIFICATION PD 17-18.067**

HOW TO SUBMIT YOUR BID:

Please review this document carefully. Offers that are accepted by the County are binding contracts. **Incomplete bids are not acceptable.** All documents and submittals shall be received by the Office of Purchasing on or before the date and hour specified for receipt. Late bids will be returned unopened.

** Documents submitted with Bids are to be on the forms provided in the Invitation to Bid and photocopies of other required documents.*

THE FOLLOWING DOCUMENTS SHALL BE RETURNED WITH THE BID:

- Solicitation, Offer, and Bid Form. The Bid Form must contain an original signature in indelible ink. Bids with photocopies or scanned signatures will not be accepted.
- Bid Surety (bond, check, etc.)

THE FOLLOWING DOCUMENTS SHOULD BE RETURNED WITH THE BID:

- Sworn Statement Pursuant to Section 287.133(3)(A), Florida Statutes on Entity Crimes.
- Drug-Free Workplace Form.
- Information Sheet for Transactions and Conveyances Corporate Identification.
- Certificate of Authority to do Business from the State of Florida.
- Occupational License.
- Florida Department of Business and Professional Regulation – License(s), Certification(s), and/or Registration(s).

BEFORE YOU SUBMIT YOUR BID, HAVE YOU:

Placed your bid with all required submittal items in a sealed envelope, clearly marked for specification number, project name, name of bidder, and due date and time of bid receipt?

THE FOLLOWING DOCUMENTS ARE REQUIRED UPON NOTICE OF AWARD:

- Certificate of Insurance
- Payment and Performance Bonds

HOW TO SUBMIT A NO BID:

If you do not wish to bid at this time, please remove the Solicitation, Offer, and Bid Form from the Bid Package and enter No Bid in the "Reason for No Offer" block, your company's name, address, signature, and return the Solicitation, Offer, and Bid Form in a sealed envelope. This will ensure your company's active status in our Bidder's list.

**This form is for your convenience to assist in filling out your bid.
Do not return this form with your bid.**

**PENSACOLA BEACH SIGN FRAME REPLACEMENT
PD 17-18.067**

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Forms marked with a (** Double Asterisk) should be returned with the Bid.

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SIGN AND RETURN THIS FORM WITH YOUR BID*

SOLICITATION, OFFER AND BID FORM

ESCAMBIA COUNTY, FLORIDA

Submit Offers to:

**Jeffrey Lovingood
Purchasing Specialist**

Invitation to Bid

Office of Purchasing, 2nd Floor, Room 11.101
213 Palafox Place, Pensacola, FL 32502
Post Office Box 1591, Pensacola, FL 32591-1591
Phone: 850-595-4987

**PENSACOLA BEACH SIGN FRAME
REPLACEMENT**

Solicitation Number PD 17-18.067

Solicitation

MAILING DATE: July 09, 2018

PRE-SOLICITATION CONFERENCE: A Non-Mandatory Pre-Solicitation Conference will be held in the Office of Purchasing Conference Room, 11.407, at 213 Palafox Pl. Pensacola, FL 32502, at 10:30 AM CDT, July 24, 2018.

OFFERS WILL BE RECEIVED UNTIL: 3:00 PM CDT, August 09, 2018, and may not be withdrawn within **90** days after such date and time.

POSTING OF SOLICITATION TABULATIONS

Solicitation tabulations with recommended awards will be posted for review by interested parties at the Escambia County Office of Purchasing, and will remain posted for a period of two (2) business days. Failure to file a protest in writing within two (2) business days after posting of the solicitation tabulation shall constitute a waiver of any protest relating to this solicitation. All protests must be filed with the Escambia County Office of Purchasing. Protests will be handled according to the Escambia County Purchasing Ordinance.

OFFER (SHALL BE COMPLETED BY OFFEROR)

Federal Employer Identification Number or S.S. Number: _____

Terms of Payment

Delivery Date will be _____ days after receipt of purchase order

Reason for No Offer

Vendor Name: _____

Address: _____

City, ST. & Zip: _____

Phone: (____) _____

Toll Free: (____) _____

Fax: (____) _____

Bid Bond Attached:
\$ _____

(Name and Title of Person Authorized to Sign Offer)

I certify that this offer is made without prior understanding, agreement, or connection, with any Corporation, firm or person submitting an offer for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this offer and certify that I am authorized to sign this offer for the Offeror and that the Offeror is in compliance with all requirements of the solicitation, including but not limited to certification requirements. In submitting an offer to Escambia County Florida, the Offeror agrees that if the offer is accepted, the Offeror will convey, sell, assign or transfer to Escambia County Florida all rights title and interest in and to all causes of action it may now or hereafter acquire under the Anti-trust laws of the United States and the State of Florida for price fixing relating to the particular commodities or services purchased or acquired by Escambia County Florida. At the County's discretion, such assignment shall be made and become effective at the time the County tenders final payment to the Offeror.

* _____
Signature of Person Authorized to Sign Offer
(Original Signature Required)

*** Failure to execute this Form binding the bidder's offer shall result in the bid being rejected as non-responsive.**

Bid Form

Base Bid: _____

Additive Alternate: _____

(The Additive Alternate is a single price for a new sign to be made and installed using the specifications noted below and shall not be included with the Base Bid amount above.)

If your company is located within a Community Redevelopment Area of Escambia County, Florida, please Indicate by marking an X in the blank (**Sec. 46-110.-Local Preference in Bidding**).
Yes ___ No ___

CONTRACTOR REQUIREMENTS

Acknowledgment is hereby made of receipt of the following addenda issued during the bidding period:

Addendum No. _____ Date _____ Addendum No. _____ Date _____

Addendum No. _____ Date _____ Addendum No. _____ Date _____

(PLEASE TYPE INFORMATION BELOW)

SEAL IF BID IS BY CORPORTATION

State of Florida Department of State Certificate
of Authority Document Number

Occupational License # _____

Florida DBPR Contractor's License,
Certification, and/or Registration #

Type of Contractor's License, Certification,
and/or Registration _____

Expiration Date: _____

County Permits/Fees Required for this Project:

Person to Contact Concerning This Bid:

Name: _____

Phone: _____

E-Mail: _____

Person to Contact for Emergency Service:

Name: _____

Phone: _____

E-Mail: _____

Attached to bid you shall find a **bid bond, cashier's check, or certified check** (circle one that applies) in the amount of **five percent (5%) of bid**.

The work shall be substantially completed within **one hundred five (105) calendar days** from the Commencement Date. The Bidder agrees to fully complete all work included above within **one hundred twenty (120) consecutive calendar days** from the date of Notice to Proceed. **Liquidated damages of One Hundred Dollars (\$100.00) each day will be assessed for each day that completion of the project is delayed.** All work to be accomplished under this bid shall be the responsibility of Bidder and failure of Sub-Contractors to perform shall not relieve Bidder of any liquidated damages. A Bid Bond in the amount of **five percent (5%) of base bid** is to be furnished by each Bidder. Bidder further acknowledges that all of the work outlined above may not be required at the discretion of Escambia County. The total will be subject to total funds available during the course of the work. However, it is the intent of Escambia County at this time to substantially complete the listed work.

Names and addresses of proposed Subcontractors to be utilized for work on this project:

- 1.
- 2.
- 3.
- 4.

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

1. This sworn statement is submitted to _____
(Print Name of Public Entity)

By _____
(Print Individual's Name and Title)

For _____
(Print Name of Entity Submitting Sworn Statement)

Whose business address is:

And (if applicable) its Federal Employer 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 an 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 jury verdict, nonjury 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 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 thirty-six (36) months shall be considered an affiliate.

- c. 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 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.
- d. 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 a 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 is 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 ONE (1) 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

Sworn to and subscribed before me this _____ day of _____, 20____. Personally known _____

OR produced identification _____ Type of Identification: _____

Notary Public: State of _____

My Commission Expires: _____

(Printed, Typed, or Stamped Commissioned Name of Notary Public)

Drug-Free Workplace Form

The undersigned vendor, in accordance with Florida Statute 287.087 hereby certifies that _____ does:

(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in Paragraph One (1).
4. In the statement specified in Paragraph One (1), notify 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. Impose a sanction on, or require the satisfactory participation in a drug assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of Paragraphs 1 through 5.

Check One:

_____ As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

_____ As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.

Offeror's Signature

Date

Information Sheet for Transactions and Conveyances
Corporate Identification
(Page 1 of 2)

The following information will be provided to the Escambia County Legal Department for incorporation in legal documents. It is, therefore, vital that all information is accurate and complete. Please be certain that all spelling, capitalization, etc. is exactly as registered with the state or Federal Government.

(Please Circle One)

Is this a Florida Corporation:

Yes or No

If not a Florida Corporation:

In what state was it created: _____
Name as spelled in that state: _____

What kind of corporation is it:

"For Profit" or "Not for Profit"

Is it in good standing:

Yes or No

Authorized to transact business in Florida:

Yes or No

State of Florida Department of State Certificate of Authority Document Number:

Does it use a registered fictitious name:

Yes or No

Names of Officers:

President: _____ Secretary: _____
Vice President: _____ Treasurer: _____
Director: _____ Director: _____
Other: _____ Other: _____

Name of Corporation (As Used in Florida)

(Spelled Exactly as it is Registered with the state or Federal Government)

Corporate Address:

Post Office Box: _____
City, State, Zip: _____

Street Address: _____
City, State, Zip: _____

(Please provide both the Post Office Box and street address for mail and/or express delivery; also for recorded instruments involving land.)

Please complete this form on the following page.

**Information Sheet for Transactions and Conveyances
Corporate Identification
(Page 2 of 2)**

Federal Identification Number:

(For all instruments to be recorded, taxpayer's identification is needed.)

Contact Person for Company:

E-Mail: _____

Telephone: _____

Facsimile: _____

Name of Individual Who Will Sign the Instrument on Behalf of the Company:

Upon Certification of Award, Contract shall be signed by the President or Vice President. Any other officer shall have permission to sign via a resolution approved by the Board of Directors on behalf of the company. Awarded Contractor shall submit a copy of the resolution together with the executed Contract to the Office of Purchasing.

(Spelled exactly as it would appear on the instrument.)

Title of the Individual Named Above Who Will Sign on Behalf of the Company:

END

Verified by: _____

Date: _____

ESCAMBIA COUNTY, FLORIDA GENERAL TERMS and CONDITIONS

The following General Terms and Conditions are incorporated by reference and have the same legal effect as if printed in its entirety.

A full textual copy of these conditions may be obtained by visiting the Office of Purchasing web site (see Bid Information below), by telephoning the Office of Purchasing at 850-595-4980, or by fax at 850-595-4806.

NOTE: Any and all Special Terms and Conditions and specifications referenced within the solicitation which varies from these General Terms and Conditions shall have precedence. Submission of the Bidder Solicitation, Offer, and Bid Form(s) in accordance with these General Terms and Special Terms and Conditions constitutes an offer from the Offeror. The conditions incorporated herein become a part of the written Agreement between the parties.

BID INFORMATION: See Escambia County Office of Purchasing web site at <https://myescambia.com/our-services/purchasing> then click "Solicitations".

1. Sealed Solicitations
2. Execution of Solicitation
3. No Offer
4. Solicitation Opening
5. Prices, Terms, and Payment
 - 5.01 Taxes
 - 5.02 Discounts
 - 5.03 Mistakes
 - 5.04 Condition and Packaging
 - 5.05 Safety Standards
 - 5.06 Invoicing and Payment
 - 5.07 Annual Appropriations
6. Additional Terms and Conditions
7. Manufacturers' Name and Approved Equivalents
8. Interpretations/Disputes
9. Conflict of Interest
 - 9.01 County Procedure on Acceptance of Gifts
 - 9.02 Contractors Required to Disclose Any Gift Giving
 - 9.03 Gratuities
10. Awards
11. Non-Conformation to Contract Conditions
12. Inspection, Acceptance, and Title
13. Governmental Restrictions
14. Legal Requirements
15. Patents and Royalties
16. Price Adjustments
17. Cancellation
18. Abnormal Quantities
19. Advertising
20. Assignment
21. Liability

**The following General Terms and Conditions are incorporated by reference
(Continued)**

22. Facilities
23. Distribution of Certification of Contract
24. The Successful Bidder(s) Must Provide
25. Addition/Deletion of Items
26. Ordering Instructions
27. Public Records
28. Delivery
29. Samples
30. Additional Quantities
31. Service and Warranty
32. Default
33. Equal Employment Opportunity
34. Florida Preference
35. Contractor Personnel
36. Award
37. Uniform Commercial Code
38. Contractual Agreement
39. Payment Terms/Discounts
40. Improper Invoice; Resolution of Disputes
41. Public Entity Crimes
42. Suspended and Debarred Vendors
43. Drug-Free Workplace Form
44. Information Sheet for Transactions and Conveyances
45. Copies
46. License and Certifications – For access to Certification/Registration Form for doing Business in Florida, go to the Department of State, Division of Corporations, URL:
<http://dos.myflorida.com/sunbiz/search/>
47. Execution of Contract
48. Purchase Order
49. No Contingent Fees
50. Solicitation Expenses
51. On-Line Auction Services

SPECIAL TERMS AND CONDITIONS

The Board of County Commissioners, Escambia County, Florida, invites your company to submit a sealed offer on the item(s) as listed in this solicitation request.

All terms and conditions below are a part of this request, and no offer will be accepted unless all these conditions have been complied with. The County reserves the right to waive informalities in any offer; to reject any or all offers, in whole or in part, and/or to accept the offer(s) that in its judgement is from the lowest, most responsible, and responsive Offeror(s).

Instructions to Offerors

1. General Information

All offers to be considered shall be in the possession of the Office of Purchasing prior to the time of the solicitation closing. Offers may be mailed or delivered to the Office of Purchasing, 2nd Floor, Room 11.101, Matt Langley Bell, III Bldg., 213 Palafox Place, Pensacola, FL 32502, in a sealed envelope clearly marked:

Specification Number PD 17-18.067, "PENSACOLA BEACH SIGN FRAME REPLACEMENT", Name of Submitting Firm, Time and Date due.

Note: If you are using a courier service (FedEx, Airborne, UPS, etc.) you must mark the air-bill and envelope or box with the Specification number and project name.

Regardless of the method of delivery, each Offeror shall be responsible for his offer(s) being delivered on time as the County assumes no responsibility for same. Offers offered or received after the time set for solicitation closing will be rejected and returned unopened to the Offeror(s).

The Following Policy will apply to all methods of source selection:

A. Conduct of Participants

After the issuance of any solicitation, all bidders/proposers/protestors or individuals acting on their behalf are hereby prohibited from **lobbying** as defined herein or otherwise attempting to persuade or influence any elected County officials, their agents or employees or any member of the relevant selection committee at any time during the **blackout period** as defined herein; provided, however, nothing herein shall prohibit bidders/proposers/protestors or individuals acting on their behalf from communicating with the purchasing staff concerning a pending solicitation unless otherwise provided for in the solicitation or unless otherwise directed by the Purchasing Manager.

B. Definitions

Blackout Period means the period between the time the bid for invitations for bid are received at the Escambia County Office of Purchasing and the time the Board awards the contract and any resulting bid protest is resolved or the solicitation is otherwise cancelled.

Lobbying means the attempt to influence the thinking of elected County officials, their agents or employees or any member of the relevant Selection Committee for or

against a specific cause related to a pending solicitation for goods or services, in person, by mail, by facsimile, by telephone, by electronic mail, or by any other means of communication.

C. Sanctions

The Board may impose any one or more of the following sanctions on a non-employee for violations of the policy set forth herein:

- 1) Rejection/Disqualification of Submittal,
- 2) Termination of Contract; or
- 3) Suspension or Debarment as Provided in Sec. 46-102 of the Escambia County Code of Ordinances.

This policy is not intended to alter the procedure for Protested Solicitations and Awards as set forth in the Sec. 46-101 of the Escambia County Code of Ordinances.

2. Summary of Work

The Pensacola Beach sign support structure is to be demolished and replaced. The new structure will use the same footprint and be similar to the existing structure. The new structure will be coated to protect the steel from premature corrosion and deterioration. The signs will be taken off, stored, and placed on the new structure in the sign's current condition.

A. Base Bid

- Contractor shall work with Escambia County on a timeline for when the work shall begin and be completed by. Due to the public nature of the sign, sign location, all large milestone events shall be coordinated with Escambia County and Santa Rosa County (2) weeks before these milestone events occur.
- The Contractor shall refer to drawings for full description of work to be completed.
- Contractor shall notify Escambia and Santa Rosa County (2) weeks before demolition of sign structure and sign structure appurtenances.
- Contractor shall notify Gulf Power of lift adjacent to power lines (1) week prior to notification of lifting operations.
- Contractor shall become familiar with the site before mobilization to identify overhead power lines, existing utilities, landscaping, etc. Contractor shall take all necessary precautions to strictly contain the demolition within the limits of the required work zone and avoid any damage to existing structures, utilities, and landscaping. Any damage incurred in execution of this contract to any part of the property and/or structure not specifically designated for demolition shall be repaired at no additional cost to the owner.
- Coordinate with Gulf Power and de-energize power supply to signs.

- Disconnect electrical wiring from signs and remove the lights.
- Detach and remove signs from the structure.
- Haul signs to a secured storage site. Signs shall be stored in a manner that protects them and their components from damage or theft.
- Field measure/confirm dimensions and orientation of all existing sign support members. This should be completed before beginning material procurement, fabrication, and erection. New sign support framing shall be fabricated to match the existing layout for compatibility with signs.
- Demolish existing sign steel frame and components in its entirety. Contractor is to become familiar with all existing elements of existing sign structure prior to commencing demolition. Contractor shall prepare a written demolition plan and submit it to the engineer. Plan shall detail the methodology and sequence of demolition. All demolished material, unless otherwise noted, shall be completely removed and disposed of by the contractor.
- Chip down concrete foundations to sound material, max 3". Cut off existing anchor bolts at lowest exposed point.
- Clean and remove any deleterious materials remaining on the foundations. Apply Sika Armatec 110 Epocem or approved equivalent, and place high strength cementitious grout to achieve a level finish that matches existing top of pier elevation.
- Install threaded rods.
- Contractor shall notify Gulf Power of lift adjacent to power lines (1) week prior to notification of lifting operations.
- Erect new steel frame structure.
- Contractor shall notify Escambia and Santa Rosa County (2) weeks before re-installation of signs and sign appurtenances.
- Reattach signs to the new structure.
- Reconnect electrical wiring to signs and reinstall the lights.
- Re-energize the power supply to signs.

B. Additive Alternate #1

- Provide pricing a new sign alternative option. The new sign shall meet the following requirements:

- The appearance and functionality shall match that of the existing sign.
- Materials shall be corrosion resistant.
- Lights shall use modern, efficient luminaires (LED) that produce the same visual appearance as the existing sign.
- Controller shall be efficient and require minimal maintenance.
- Price shall reflect the furnished and installed cost of a new sign.
- Contracted company performing maintenance on the current Pensacola Beach sign for Escambia County - Plastic Art Signs – 3931 W. Navy Boulevard, Pensacola, FL, 32507

3. **Bid Surety**

Each offer shall be accompanied by a bid bond, cashier's check or certified check in the amount of **5%** of the total offer.

Checks or bonds are to be made payable to Escambia County, Florida. The amount of the bond or check is the amount of liquidated damages agreed upon should the Offeror fail or refuse to enter into a contract with the County.

A County warrant in the amount of the bid check(s) of the successful Offeror(s) will be returned immediately after the Offeror and the County are mutually bound by contract as evidenced by signatures thereto by an authorized representative of both the Offeror and the County, and/or the Offeror accepts the purchase order by signing the Solicitation, Offer and Bid Form and returning to the County Purchasing department. Any unsuccessful Offeror(s) will have the amounts of his cashier's or certified check returned via County warrant promptly after award.

All Offerors agree that any interest earned on any bid surety while in possession of the County, or its agents, shall be retained by the County.

4. **Performance and Payment Bonds**

The County **shall** require the successful Offeror(s) to furnish **separate performance and payment bonds**, under pledge of adequate surety and covering up to **100% of the dollar value of award** on the forms provided by the County. Such bonds shall be issued by sureties authorized to act as a surety by the State of Florida. Bonds of the successful Offeror(s) shall be reviewed by the Office of Purchasing to assure compliance, then recorded in the Office of the Clerk of the Circuit Court Recording Office, 1st Floor, 221 Palafox Place, Pensacola, Florida, by the successful Offeror at his expense before the contract is executed. The cost of recording is \$10.00 for the first page and \$8.50 for each additional page.

5. **Procurement Questions**

Questions may be directed to Jeffrey Lovingood, Purchasing Specialist, at JDLovingood@myescambia.com. Last day for questions will be August 02, 2018 at 5:00 p.m. CDT.

6. **Bid Forms**

This Solicitation contains a Solicitation, Offer, and Bid Form which shall be submitted in a sealed envelope, in duplicate with Original signatures in indelible ink signed in the proper spaces. Responses on vendor forms will not be accepted.

The Offeror's Checklist included in this Solicitation provides instructions to the Offeror on the documentation to be submitted during the procurement process.

7. **Pre-Solicitation Conference**

A non-mandatory Pre-Solicitation Conference will be held at the Office of Purchasing Conference Room 11.407, located at 213 Palafox Place, Pensacola, FL, 32502, on July 24, 2018, at 10:30 AM CDT.

It is strongly encouraged that all potential bidders attend this non-mandatory conference so they can ask questions and be automatically notified of any updates prior to the Bid Opening.

8. **F.O.B. Point**

The F.O.B. point shall be **installed** at the location(s) specified herein.

9. **Liquidated Damages**

Should the awarded vendor fail to complete the required services or make delivery of the commodities or equipment within the time(s) specified in the contract, or within such additional time(s) as may be granted by Escambia County, the County will suffer damage, the amount of which is difficult, if not impossible to ascertain therefore, the vendor shall pay to the County, as liquidated damages, the sum of One Hundred Dollars (\$100.00) for each calendar day of delay that actual completion extends beyond the time limit specified until such reasonable time as may be required for final completion of the work. Such sum is mutually agreed upon as a reasonable and proper amount of damages the County will sustain per diem by failure of the vendor to complete the services or make delivery within the specified time. The costs for liquidated damages shall not be construed as a penalty on the vendor.

10. **Codes and Regulations**

The awarded vendor shall strictly comply with all federal, state and local building and safety codes.

11. **Payment**

Partial payments in the full amount for the value of items received and accepted may be requested by the submission of a properly executed **original** invoice, with supporting documents if required. Payment for accepted equipment/supplies/services will be accomplished by submission of an **original** invoice, in duplicate, to:

Clerk of the Circuit Court
Attention: Accounts Payable
221 Palafox Place
Pensacola, FL 32502

12. **Assembly and/or Placement**

All items shall be completely assembled when delivered to Escambia County.

All items shall be completely assembled by the awarded vendor prior to acceptance by Escambia County. It will be the responsibility of the awarded vendor to supply the necessary labor and materials for the placement of all equipment as specified herein. Equipment is to be set-up, serviced, tested and demonstrated at no charge to Escambia County.

13. Warranty

The awarded vendor shall fully warrant all equipment furnished hereunder against defect in materials and/or workmanship for a period of two (2) years from date of delivery/acceptance by Escambia County.

Should any defect in materials or workmanship, except ordinary wear and tear, appear during the above stated warranty period, the awarded vendor shall repair or replace same at no cost to the County, immediately upon written notice from the Purchasing Chief.

14. Debris

Awarded vendor shall be responsible for the prompt removal of all debris, which is a result of this contractual service.

15. Protection of Property/Security

The awarded vendor shall provide all barricades and take all necessary precautions to protect buildings and personnel.

All work shall be completed in every respect and accomplished in a professional manner and awarded vendor shall provide for removal of all debris from County property.

The awarded vendor shall at all times guard against damage or loss to property of Escambia County, or of other vendors or contractors, and shall be held responsible for replacing or repairing any such loss or damage.

The County may withhold payment or make such deductions as deemed necessary to insure reimbursement or replacement for loss or damage to property through negligence of the awarded Offeror or his agent.

The awarded vendor shall at all times guard against injury to Escambia County employees. The vendor shall properly fence and secure the construction site(s) at all times, including evenings and weekends.

The awarded vendor must, at all times, comply with State of Florida and Occupational Safety and Health Administration (OSHA) safety regulations.

16. Permits

The County and/or its contracted consultant(s) have conducted a review of required permits and fees required to be purchased by the contractor from the County permitting agencies for this specific project and they are listed on the bid form(s) to the best of our knowledge.

17. Pricing

All items sold to the County as a result of this award are subject to post sale audit

adjustment. In the event an audit indicates Offeror has not honored quoted price lists and discounts, Offeror will be liable for any and all overage charges.

18. Termination

- A. The contract may be canceled by the contractor, for good cause, upon ninety (90) days prior written notice.
- B. The County retains the right to terminate the contract, with or without good cause, upon thirty (30) days prior written notice.
- C. In the event of termination by either party as provided herein, the awarded vendor shall be paid for services performed through the date of termination.

19. Licenses, Certifications, Registrations

The Offeror shall at any time of bid submission meet the license, certification, registration and any other requirements of the State, County, City and/or any other agency of authority with jurisdiction in such matters as necessary to perform the contractual services requested in this solicitation.

Copies of such licenses, certifications, registrations and any other requirements should be provided with the bid submission; and, the Offeror shall provide follow-up evidence that as the contractor they maintain such credentials throughout the period of agreement.

20. Term of Offer

An offer shall constitute an irrevocable offer for a period of ninety (90) days from the solicitation opening date or until the date of award, whichever is earlier, without forfeiting bid bond or check. In the event that an award is not made by the County within ninety (90) days from the solicitation opening date, the Offeror may withdraw his offer or provide a written extension of his offer.

21. Award

Award shall be made on an "all-or-none total" basis.

22. Termination

The purchase order or contract will be subject to immediate termination if either product or service does not comply with specifications as stated herein or fails to meet the County's performance standards. In the event that any of the provisions of the contract are violated by awarded vendor, Escambia County may serve written notice upon the awarded vendor of its intention to terminate the contract. Such notice is to state the reason(s) for such intention to terminate contract. The liability of the vendor for any and all such violation(s) shall not be affected by any such termination and his surety, if any, shall be forfeited.

23. Termination (Public Records Request)

If the contractor refuses to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the contractor in conjunction with this agreement then the County may, without prejudice to any right or remedy and after giving the contractor and his surety, if any, seven (7) days written notice,

during which period contractor still fails to allow access, terminate the employment of the contractor and take possession of the site and of all materials, equipment, tools,

construction equipment and machinery thereon, owned by the contractor, and may finish the project by whatever method it may deem expedient. In such case, the contractor shall not be entitled to receive any further payment until the project is finished. Reasonable terminal expenses incurred by the County may be deducted from any payments left owing the contractor (excluding monies owed the contractor for subcontract work).

Non-Contract Insurance Requirements

24. Standard Insurance Requirements and Certificates

This offer contains an extensive insurance requirement. Offerors are encouraged to review these requirements with their insurance agents before submitting offers.

It is not necessary to have this level of insurance in effect at the time of submitting the offer.

A letter from the Offeror's insurance carrier will be required as evidence that the Offeror will be able to obtain the levels of insurance as required by the contract and indicated on the Sample Certificate of Insurance should your firm be awarded the contract.

A. County Insurance Required

The contractor shall procure and maintain the following described insurance, except for coverages specifically waived by the County. Such policies shall be from insurers with a minimum financial size of VII according to the latest edition of the AM Best Rating Guide. An A or better Best Rating is "preferred"; however, other ratings if "Secure Best Ratings" may be considered. Such policies shall provide coverages for any or all claims which may arise out of, or result from, the services, work and operations carried out pursuant to and under the requirements of the contract documents, whether such services, work and operations be by the contractor, its employees, or by subcontractor(s), or anyone employed by or under the supervision of any of them, or for whose acts any of them may be legally liable.

The contractor shall require, and shall be responsible for assuring throughout the time the agreement is in effect, that any and all of its subcontractors obtain and maintain until the completion of that subcontractor's work, such of the insurance coverages described herein as are required by law to be provided on behalf of their employees and others.

The required insurance shall be obtained and written for not less than the limits of liability specified hereinafter, or as required by law, whichever is greater.

These insurance requirements shall not limit the liability of the contractor.

The County does not represent these types or amounts of insurance to be sufficient or adequate to protect the contractor's interests or liabilities, but are merely minimums.

Except for worker's compensation and professional liability, the contractor's insurance policies shall be endorsed to name Escambia County as an additional insured to the extent of its interests arising from this agreement, contract or lease.

The contractor waives its right of recovery against the County, to the extent permitted by its insurance policies.

The contractor's deductibles/self-insured retentions shall be disclosed to the County

and may be disapproved by the County. They shall be reduced or eliminated at the option of the County. The contractor is responsible for the amount of any deductible or self-insured retention.

Insurance required of the contractor or any other insurance of the contractor shall be considered primary, and insurance of the County, if any, shall be considered excess, as may be applicable to claims obligations which arise out of this agreement, contract or lease.

B. Workers Compensation Coverage

The contractor shall purchase and maintain worker's compensation insurance for all worker's compensation obligations imposed by state law and with employer's liability limits of at least \$100,000 each accident and \$100,000 each employee/\$500,000 policy limit for disease, or a valid certificate of exemption issued by the state of Florida, or an affidavit in accordance with the provisions of Florida Workers Compensation law.

Contractor shall also purchase any other coverages required by law for the benefit of employees.

C. General, Automobile and Excess or Umbrella Liability Coverage

The contractor shall purchase and maintain coverage on forms no more restrictive than the latest editions of the commercial general liability and business auto policies of the insurance services office.

Minimum limits of \$1,000,000.00 per occurrence for all liability must be provided, with excess or umbrella insurance making up the difference, if any, between the policy limits of underlying policies (including employer's liability required in the worker's compensation coverage section) and the total amount of coverage required.

D. General Liability Coverage - Occurrence Form Required

Coverage A shall include bodily injury and property damage liability for premises, operations, products and completed operations, independent contractors, contractual liability covering this agreement, contract or lease, broad form property damage coverages, and property damage resulting from explosion, collapse or underground (x,c,u) exposures.

Coverage B shall include personal injury.

Coverage C, medical payments, is not required.

The contractor is required to continue to purchase products and completed operations coverage, at least to satisfy this agreement, contract or lease, for a minimum of three years beyond the County's acceptance of renovation or construction projects.

E. Business Auto Liability Coverage

Business auto liability coverage is to include bodily injury and property damage arising out of ownership, maintenance or use of any auto, including owned, non-owned and hired automobiles and employee non-ownership use.

The General Liability and Business Auto Liability policies shall be endorsed to

include Escambia County as an additional insured and provide for 30-day notification of cancellation.

F. Excess or Umbrella Liability Coverage (If utilized to achieve required policy limits)

Umbrella liability insurance is preferred, but an excess liability equivalent may be allowed. Whichever type of coverage is provided, it shall not be more restrictive than the underlying insurance policy coverages. Umbrella coverage shall drop down to provide coverage where the underlying limits are exhausted.

G. Evidence/Certificates of Insurance

Required insurance shall be documented in certificates of insurance. If and when required by the County, certificates of insurance shall be accompanied by documentation that is acceptable to the County establishing that the insurance agent and/or agency issuing the certificate of insurance has been duly authorized, in writing, to do so by and on behalf of each insurance company underwriting the insurance coverage(s) indicated on each certificate of insurance.

New certificates of insurance are to be provided to the County at least 30 days prior to coverage renewals. Failure of the contractor to provide the County with such renewal certificates may be considered justification for the County to terminate this agreement, contract or lease.

Certificates should contain the following additional information:

1. Indicate that Escambia County is an additional insured on the general liability and business auto liability policies.
2. Include a reference to the project and the Office of Purchasing number.
3. Disclose any self-insured retentions in excess of \$1,000.
4. Designate Escambia County as the certificate holder as follows:

Escambia County
Attention: Emily D. Weddington, CPPB, Purchasing Specialist
Office of Purchasing, Room 11.101
P.O. Box 1591
Pensacola, FL 32591-1591
Fax (850) 595-4806

5. Indicate that the County shall be notified at least 30 days in advance of cancellation.

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

If requested by the County, the contractor shall furnish complete copies of the contractor's insurance policies, forms and endorsements, and/or such additional information with respect to its insurance as may be requested.

For commercial general liability coverage, the contractor shall, at the option of the County, provide an indication of the amount of claims payments or reserves

chargeable to the aggregate amount of liability coverage.

H. Endorsements/Additional Insurance

The County may require the following endorsements or additional types of insurance.

Termination/Adverse Change Endorsement

All of contractor's policies, except for professional liability and worker's compensation insurance, are to be endorsed, and the contractor's certificate(s) of insurance shall state, that the County shall be notified at least 30 days in advance of cancellation, nonrenewal or adverse change.

Commercial General Liability Coverage Project Aggregate

Because the commercial general liability form of coverage includes an annual aggregate limitation on the amount of insurance provided, a separate project aggregate limit of \$_____ is required by the County for this agreement or contract.

Owners Protective Liability Coverage

For renovation or construction contracts the contractor shall provide for the County an owners protective liability insurance policy (preferably through the contractor's insurer) in the name of the County.

This is redundant coverage if the County is named as an additional insured in the contractor's commercial general liability insurance policy. However, this separate policy may be the only source of coverage if the contractor's liability coverage limit is used up by other claims.

Builders Risk Coverage

Builders risk insurance is to be purchased to cover subject property for all risks of loss, subject to a waiver of coinsurance, and covering off-site storage, transit and installation risks as indicated in the installation floater and motor truck cargo insurance described hereafter, if such coverages are not separately provided.

The builders risk insurance is to be endorsed to cover the interests of all parties, including the County and all contractors and subcontractors. The insurance is to be endorsed to grant permission to occupy.

Fidelity/Dishonesty/Liability Coverage - for County

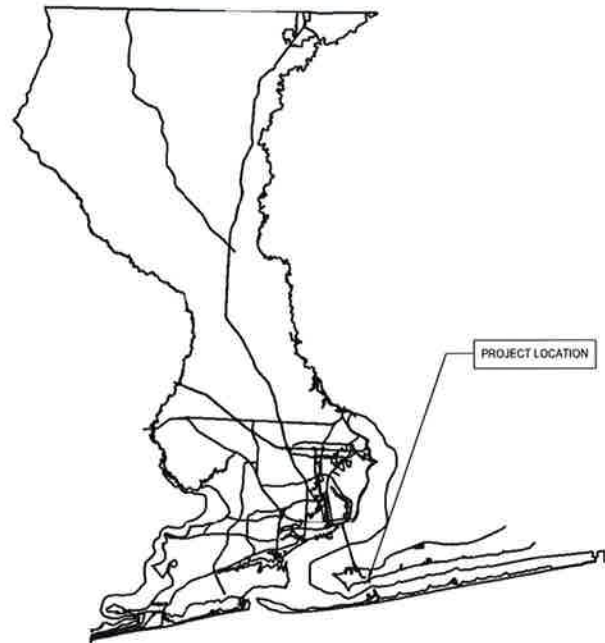
Fidelity/dishonesty/liability insurance is to be purchased or extended to cover dishonest acts of the contractor's employees resulting in loss to the County.

25. Indemnification

Contractor agrees to save harmless, indemnify, and defend County and Architect/Engineer and their, agents, officers and employees from any and all claims, losses, penalties, interest, demands, judgments, and costs of suit, including attorneys' fees and paralegals' fees, for any expense, damage or liability incurred by any of them, whether for personal injury, death, property damage, direct or consequential damages, or economic loss, including environmental impairment, arising directly or indirectly on account of or in connection with the Work done by Contractor under this Agreement or by any person, firm

or corporation to whom any portion of the Work is subcontracted by Contractor or resulting from the use by Contractor, or by any one for whom Contractor is legally liable, of any materials, tools, machinery or other property of County. County and Contractor agree the first \$100.00 of the Contract Amount paid by County to Contractor shall be given as separate consideration for this indemnification, and any other indemnification of County by Contractor provided for within the Contract Documents, the sufficiency of such separate consideration being acknowledged by Contractor by Contractor's acceptance and execution of the Agreement. The Contractor's obligation shall not be limited by, or in any way to, any insurance coverage or by any provision in or exclusion or omission from any policy of insurance. The Contractor agrees to pay on behalf of Escambia County, as well as provide a legal defense for the County, both of which will be done only if and when requested by the County, for all claims made. Such payment on the behalf of the County shall be in addition to any and all other legal remedies available to the County and shall not be considered to be the County's exclusive remedy.

PENSACOLA BEACH SIGN FRAME REPLACEMENT ESCAMBIA COUNTY, FLORIDA MOTT MACDONALD PROJECT NO.371827



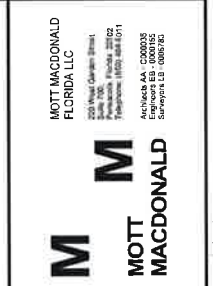
PREPARED FOR



ESCAMBIA COUNTY COMMISSIONERS

- JEFF BERGOSH - DISTRICT 1
CHAIRMAN
- DOUG UNDERHILL - DISTRICT 2
- LUMON MAY - DISTRICT 3
VICE CHAIRMAN
- GROVER C. ROBINSON - DISTRICT 4
- STEVEN BARRY - DISTRICT 5

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Sheet Number	Sheet Name
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S-2	GENERAL NOTES
S-3	CONSTRUCTION SEQUENCE & SITE MAP
S-4	FRAMING ELEVATIONS, COLUMN LAYOUT, AND BASE PLATE DETAIL
S-5	CONNECTION DETAILS



PENSACOLA BEACH SIGN FRAME REPLACEMENT
 GULF BREEZE, FLORIDA

DATE	ISSUED FOR BID	0	04/2018
DESIGNED BY:	MJT		
DRAWN BY:	RC		
CHECKED BY:	CEL		
PROJECT ENGINEER:	MJT		
PROJECT MANAGER:	CEL		

ISSUED FOR BID
 NOT FOR CONSTRUCTION
 CHAD E. LYNER
 66277 FLORIDA - CERTIFICATION NUMBER
 VALID ONLY WITH EMBOSSED SEAL
 DATE: _____

SHEET TITLE:
 LOCATION AND INDEX

SHEET NUMBER:
S-1

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GENERAL

- 1. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE 6TH EDITION FLORIDA BUILDING CODE (2017).
- 2. THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ELECTRICAL DOCUMENTS.
- 3. COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE, OSHA, AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
- 4. ALL REFERENCED STANDARDS REFER TO THE EDITION IN FORCE AT THE TIME THESE PLANS AND SPECIFICATIONS ARE ISSUED FOR BIDDING.
- 5. REVIEW ALL CONTRACT DOCUMENTS, DIMENSIONS AND SITE CONDITIONS AND COORDINATE WITH FIELD DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES IN WRITING TO ENGINEER. DO NOT CHANGE SIZE OR DIMENSIONS OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.
- 6. ANY DISCREPANCIES, OMISSIONS OR VARIATIONS NOTED ON THE DRAWINGS DISCOVERED DURING THE BIDDING PERIOD SHALL BE IMMEDIATELY COMMUNICATED IN WRITING TO THE ARCHITECT / ENGINEER.
- 7. PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE. EACH CONTRACTOR SHALL PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC. EACH CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
- 8. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND CONSTRUCTION PROCEDURES.
- 9. DO NOT SCALE DRAWINGS; USE DIMENSIONS.
- 10. DETAILS LABELED "TYPICAL DETAILS" OR "TYP" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYPED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ENGINEER.
- 11. BUILDING DESIGN LOADS AND CRITERIA:

Table with columns for load type (A. DEAD LOADS, B. WIND CRITERIA, C. SEISMIC CRITERIA) and values (e.g., 400 LBS EA x (2 SIGNS=800 LB), 140 MPH, 1.00).

- 12. ALL WIND FORCES SHALL BE DETERMINED ACCORDING TO THE PROVISIONS OF THE FBC USING THE MINIMUM WIND CRITERIA STATED IN NOTE 11, ABOVE. INCLUDE ALL APPROPRIATE SHAPE, HEIGHT, AND GUST FACTORS FOR THE MAIN WIND FORCE RESISTING SYSTEM AND COMPONENTS AND CLADDING TO CALCULATE THE MAXIMUM NET UPLIFT. USE 60% OF THE SUPERIMPOSED DEAD LOADS.
- 13. CONTRACTOR SHALL PROVIDE ALL CODE REQUIRED PRODUCT APPROVAL NUMBERS TO THE GOVERNING BUILDING AGENCY. REFER TO WIND UPLIFT DIAGRAM & WIND LOADING CRITERIA FOR REQUIRED WIND LOADS. SIGNED & SEALED CALCULATIONS SHALL BE SUBMITTED FOR ALL PRODUCTS AS REQUIRED BY THE PRODUCT APPROVAL DOCUMENTATION.
- 14. "REF" IS THE ABBREVIATION FOR REFERENCE. WHEN PLACED NEXT TO A DIMENSION OR ELEVATION IT INDICATES THAT THE DIMENSION OR ELEVATION HAS BEEN DETERMINED FROM OTHER SOURCES SUCH AS EXISTING DRAWINGS. THE CORRECTNESS OF REFERENCE DATA IS NOT VERIFIED. THE CONTRACTOR SHALL VERIFY THE CORRECTNESS OF ALL REFERENCED DATA INDEPENDENTLY.

SHALLOW FOUNDATIONS

- 1. DO NOT EXCAVATE FOR ANY PURPOSE WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOOTING OR FOUNDATION UNLESS SUCH FOOTING OR FOUNDATION IS FIRST PROPERLY PROTECTED AGAINST SETTLEMENT.
- 2. CENTER FOOTINGS UNDER THE SUPPORTED COLUMNS OR WALLS UNLESS OTHERWISE NOTED ON PLANS.
- 3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ACCUMULATED WATER FROM EXCAVATION AND DEWATERING OPERATIONS IN SUCH A WAY AS NOT TO CAUSE INCONVENIENCE TO THE WORK AND DAMAGE TO THE STRUCTURAL ELEMENTS. THE CONTRACTOR SHALL FIELD VERIFY GROUND WATER DEPTHS PRIOR TO CONSTRUCTION.

PROTECTION OF PROPERTY

- 1. DURING CLEANING AND PAINTING PROCEDURES, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO FULLY PROTECT THE ENVIRONMENT, THE WORKERS, TRAFFIC, PEDESTRIANS, PARKED VEHICLES, ADJACENT PROPERTY, AND OTHER PORTIONS OF THE STRUCTURES FROM DAMAGE CAUSED BY CLEANING DEBRIS, BLAST CLEANING MATERIALS, PRESSURE WASHING, DIRT, DUST, EQUIPMENTS OILS, SOLVENTS, ACIDS, BURNING MATTER AND PAINT DRIFTS, DROPS, OR SPRAY AND SPATTER.
- 2. THE CONTRACTOR SHALL TAKE DUE PRECAUTION AGAINST DAMAGING OR DISFIGURING ANY PORTION OF THE LANDSCAPE, STRUCTURE, AND SURROUNDING ROADWAYS/ UTILITIES WITH: SPATTER, SPRAY FOG, SPLASHES, SMUDGES OF PAINT, OR ASSOCIATED PAINTING MATERIALS INCLUDING THE FUEL AND LUBRICANTS USED WITH HIS EQUIPMENT.
- 3. TARPS, POLYETHYLENE OR OTHER COVERING MATERIALS SHALL BE USED TO PROTECT LANDSCAPING, VEHICLES, PEDESTRIANS, AND OTHER PORTIONS OF THE STRUCTURE ADJACENT TO AND BELOW AREAS BEING CLEANED, PAINTED AND SUBJECT TO OTHER DAMAGE.
- 4. ANY INADVERTENT DAMAGE OR DISFIGUREMENT WHICH MAY OCCUR BY REASONS OF THE CONTRACTORS OPERATIONS SHALL IMMEDIATELY BE REPAIRED TO THE SATISFACTION OF THE CONSULTANT AND OWNER AT THE CONTRACTOR'S EXPENSE.

COATINGS

- 1. ANCILLARY SIGN COMPONENTS WELDED TO THE NEW SIGN STRUCTURE AND NEW SIGN STRUCTURE FRAMING SHALL BE PREPARED, COATED, AND PAINTED PER THE FOLLOWING REQUIREMENTS:
 - A. SURFACE PREPARATION: REMOVE ALL CHALK, DUST, DIRT, SOLUBLE SALT CONTAMINANTS, AND ALL OTHER FOREIGN MATTER ENSURING NOT TO DAMAGE THE STRUCTURE OR SIGNS. ALL SURFACE SHALL BE CLEAN TO SSPC - SP10 NEAR WITHE BLAST CLEANING.
 - B. SHOP PRIMER: SHOP PRIME ALL BARE METAL UTILIZING 91 H2O HYDRO - ZINC(NSF APPROVED ZINC URETHANE & PRIMER) APPLIED AT A RATE TO ACHIEVE 2.5 - 3.5 MILS DFT.
 - C. SPOT PRIMER: SPOT PRIMED AREAS SHALL RECEIVE A SPOT PRIME OF 91 H2O HYDRO - ZINC(NSF APPROVED ZINC URETHANE & PRIMER) APPLIED AT A RATE TO ACHIEVE 3.0 - 5.0 MILS DFT.
 - D. INTERMEDIATE COATING: 20 HS POTA POX APPLIED A RATE TO ACHIEVE 3.0 - 5.0 MILS DFT.
 - E. 2ND INTERMEDIATE COATING: TNESEC SERIES 73 ENDURA-SHIELD APPLIED AT A RATE TO ACHIEVE 3.0 - 5.0 MILS DFT.
 - F. FINISH COATING: TNESEC SERIES 1071 FLUORONAR APPLIED AT A RATE TO ACHIEVE 2.0 - 3.0 MILS DFT.
 - G. AFTER BOLTS ARE INSTALLED AND TIGHTENED APPLY SPOT PRIMER COATING, INTERMEDIATE COATING, 2ND INTERMEDIATE COATING, AND FINAL COATING AS DESCRIBED ABOVE.
 - H. ENSURE ALL SURFACES OF BOLTED CONNECTIONS ARE COATED.

ANCHORS

- 1. SUBSTITUTION OF ANCHORS SPECIFIED BELOW FOR CAST-IN-PLACE EMBEDDED ANCHORS SHALL BE PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
- 2. ALLOWABLE WORKING LOADS SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS, BUT NOT MORE THAN ACCEPTED BY APPROVING AGENCY. NO INCREASE FOR WIND OR SEISMIC LOADS IS PERMITTED.
- 3. PROVIDE A MINIMUM OF TWO FASTENERS PER CONNECTION.
- 4. INSTALL AND MAINTAIN A MINIMUM EMBEDMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, OR AS SPECIFIED ON DRAWING, WHICHEVER IS GREATER, BUT WITH AN EMBEDMENT OF NOT LESS THAN 6 BOLT-DIAMETERS.
- 5. UNLESS NOTED, ANCHOR SPACING AND ANCHOR EDGE DISTANCE SHALL BE ACCORDING TO THE MANUFACTURER'S MOST CURRENT PUBLICATION IN ORDER TO DEVELOP MAXIMUM WORKING LOADS.
- 6. DO NOT EXCEED MANUFACTURER'S MAXIMUM RECOMMENDED TIGHTENING TORQUE.
- 7. ALL ANCHORS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND UNDER MANUFACTURER CERTIFIED SUPERVISION IN ORDER TO DEVELOP THE MOST CURRENT PUBLISHED WORKING LOADS.
- 8. ADHESIVE ANCHORING SYSTEMS:
 - A. USE AN EPOXY OR POLYESTER RESIN ADHESIVE SUCH AS HILTI RE 500, SIMPSON SET OR ACCEPTED ALTERNATE.
 - B. DIAMETER OF HOLE SHALL BE AS RECOMMENDED BY MANUFACTURER FOR THE PARTICULAR PRODUCT SPECIFIED IN THE DRAWINGS.
 - C. ALL EPOXIED ANCHORING SHALL BE OBSERVED BY A MANUFACTURER'S AUTHORIZED REPRESENTATIVE OR SHALL BE TESTED AFTER INSTALLATION AT CONTRACTOR'S EXPENSE. A MINIMUM OF 10% OF EACH DAY'S APPLICATIONS AND NO LESS THAN 2 SHALL BE TESTED BY APPLYING A TENSION LOAD OF 3000 POUNDS TO THE EMBEDDED ANCHOR. IF A TEST APPLICATION FAILS, ALL APPLICATIONS FOR THAT DAY SHALL BE TESTED. TESTING PROCEDURES AND RESULTS SHALL BE SUBMITTED TO APPROVED BY ENGINEER.
- 9. POWDER ACTUATED FASTENERS: USE POWDER ACTUATED FASTENING SYSTEMS SUCH AS HILTI, RED HEAD, RAMSET, OR AN ACCEPTED ALTERNATE HAVING ICBO, OR SBCCI APPROVAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, BUT NOT LESS THAN 1 1/8" INCHES IN CONCRETE, UNLESS OTHERWISE NOTED.

STRUCTURAL STEEL

- 1. ALL STEEL WORK (INCLUDING FABRICATION AND ERECTION) SHALL CONFORM TO THE AISC "MANUAL OF STEEL CONSTRUCTION, 15TH EDITION AND PROJECT SPECIFICATIONS. USE THE FOLLOWING:
 - A. STRUCTURAL STEEL WIDE FLANGE AND WT SECTIONS: ASTM A992 Fy=50KSI
 - B. CHANNELS, ANGLES, PLATES, AND MISCELLANEOUS STEEL: ASTM A36, Fy=36KSI
 - C. COLD-FORMED STEEL TUBING: ASTM A500 GRADE B, Fy=46KSI
 - D. STEEL PIPE: ASTM A53, TYPE E OR S GRADE B, Fy=35KSI
- 2. THE CONNECTIONS FOR ANY PORTION OF THE STRUCTURE NOT INDICATED ON THE DRAWINGS SHALL BE DESIGNED AND DETAILED BY THE FABRICATOR'S SPECIALTY ENGINEER. THESE CONNECTIONS SHALL BE DESIGNED FOR THE FORCES INDICATED ON THE STRUCTURAL DRAWINGS, WHERE FORCES ARE NOT SHOWN ON THE DRAWINGS, EACH END CONNECTION SHALL BE DESIGNED FOR ONE-HALF THE TOTAL LOAD SHOWN IN THE APPROPRIATE AISC "ALLOWABLE LOADS ON BEAMS" TABLES.
- 3. USE STRUCTURAL STEEL THAT IS FULLY WELDABLE WITHIN GRADES AND FROM ANY GRADE TO ANY OTHER GRADE. WELD ALL SHOP CONNECTIONS, UNLESS OTHERWISE NOTED.
- 4. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE STRUCTURAL WELDING CODE AWS D1.1, LATEST EDITION, PUBLISHED BY THE AMERICAN WELDING SOCIETY (AWS). USE ELECTRODES CONFORMING TO AWS D1.1, E70 SERIES, UNLESS OTHERWISE NOTED. SHOW ALL SHOP WELDS ON THE FABRICATION DRAWINGS AND ALL FIELD WELDS ON THE ERECTION DRAWINGS.
- 5. ALL SHOP AND FIELD WELDERS, WELDING OPERATORS, AND TACKERS SHALL BE CERTIFIED ACCORDING TO AWS PROCEDURE FOR THE WELDING PROCESS AND WELDING POSITION USED. ALL RECORDS OF SUCH CERTIFICATION SHALL BE FILED AT THE JOB SITE AND MADE AVAILABLE TO THE ENGINEER UPON REQUEST.
- 6. ALL JOINT WELDING PROCEDURES TO BE USED SHALL BE PREPARED BY THE FABRICATOR OR CONTRACTOR AS WRITTEN PROCEDURE SPECIFICATIONS. ALL RECORDS SHALL BE FILED AT THE JOB SITE & MADE AVAILABLE TO THE ENGINEER UPON REQUEST. ALL JOINT WELDING PROCEDURES SHALL BE QUALIFIED PRIOR TO USE ACCORDING TO AWS PROCEDURES.
- 7. ANCHOR BOLTS:
 - A. THREADED RODS SHALL BE SHALL BE F1554 GRADE 36 HOT DIPPED GALVANIZED STEEL WITH HEAVY HEX NUTS AND HARDENED STEEL WASHERS.
 - B. ANY ANCHOR BOLTS / THREADED RODS NOT LISTED ABOVE SHALL BE STAINLESS STEEL GRADE 316 MATERIAL WITH HEAVY HEX NUTS AND HARDENED STEEL WASHERS.
 - C. HARDENED STEEL WASHERS SHALL BE REGULAR SERIES, TYPE B, PLAIN, HARDENED WASHERS COMPLYING WITH ANSI B18.22.1 USING A325 CARBON STEEL AND 316 STAINLESS STEEL PLATE WITHOUT ANY BREAK OR GAP.
 - D. ANCHOR BOLTS SHALL BE THREADED FOR FULL PROJECTION ABOVE ROUGH CONCRETE UNLESS OTHERWISE NOTED.
 - E. TIGHTEN ANCHOR BOLTS AS FOLLOWS: BRING ALL ANCHOR BOLTS TO A SNUG TIGHT CONDITION OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH.
 - F. BASE PLATES SHALL BE GROUDED IMMEDIATELY AFTER FINAL ANCHOR BOLT TIGHTENING.
- 8. GROUT UNDER BASE PLATES SHALL BE HIGH STRENGTH, NON-SHRINK AND NON-METALLIC AS MANUFACTURED BY FIVE STAR, MASTER BUILDERS, SIKA OR APPROVED EQUIVALENT. MIN 5000 PSI.
- 9. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. DO NOT FLAME CUT HOLES OR ENLARGE HOLES BY BURNING.
- 10. SPLICING OF STRUCTURAL STEEL MEMBERS IN THE FIELD OR IN THE SHOP IS PROHIBITED EXCEPT WHERE INCLUDED ON THE DRAWINGS.
- 11. DO NOT PAINT STEEL SURFACES IN CONTACT WITH CONCRETE. DO NOT APPLY FINISH COAT AND LIMIT PRIME COAT TO 2 MILS AT FAYING SURFACES OF SLIP CRITICAL BOLTED CONNECTIONS. SURFACES TO BE WELDED AND TOP SURFACES OF BEAMS AND TRUSSES TO RECEIVE STEEL STUDS AND/OR SUPPORTING METAL FLOOR AND ROOF DECKING. USE PRIMER WHICH HAS A MIN. CLASS A SLIP COEFFICIENT (0.33).
- 12. SUBMIT STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR REVIEW BEFORE FABRICATION. ALL STRUCTURAL STEEL SHOP DRAWINGS, REQUIRING INPUT FROM A SPECIALTY ENGINEER, SHALL BE SIGNED AND SEALED PRIOR TO SUBMITTAL. DO NOT REPRODUCE THE STRUCTURAL DRAWINGS FOR USE AS SHOP DRAWINGS.
- 13. PROVIDE TEMPORARY BRACING AS NECESSARY TO INSURE A STABLE STRUCTURE DURING CONSTRUCTION.
- 14. NO CUTTING OF SECTIONS, FLANGES, WEBS, OR ANGLES SHALL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER OF RECORD.
- 15. FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATIONS AND "CODE OF STANDARD PRACTICE".
- 16. IMMEDIATELY AFTER ERECTION ALL FRAMING MEMBERS AND WELDS SHALL BE TOUCHED UP WITH A PAINT COMPATIBLE WITH THE SHOP PAINT OR COATING.

PROVIDE PRICING FOR A NEW SIGN ALTERNATIVE OPTION

- 1. THE NEW SIGN SHALL MEET THE FOLLOWING REQUIREMENTS:
 - A. THE APPEARANCE AND FUNCTIONALITY SHALL MATCH THAT OF THE EXISTING SIGN.
 - B. MATERIALS SHALL BE CORROSION RESISTANT.
 - C. LIGHTS SHALL USE MODERN, EFFICIENT LUMINAIRES (LED) THAT PRODUCE THE SAME VISUAL APPEARANCE AS THE EXISTING SIGN.
 - D. CONTROLLER SHALL BE EFFICIENT AND REQUIRE MINIMAL MAINTENANCE.
 - E. PRICE SHALL REFLECT THE FURNISHED AND INSTALLED COST OF A NEW SIGN.

MISCELLANEOUS STEEL

- 1. EDGE ANGLES, CLIP ANGLES, PLATES, BARS, AND OTHER MISCELLANEOUS ROLLED SHAPES SHALL BE ASTM A-36 STRUCTURAL STEEL, UNLESS OTHERWISE NOTED.
- 2. THE PROVISIONS OF THE ABOVE STRUCTURAL STEEL SECTION SHALL ALSO APPLY TO MISCELLANEOUS STEEL.

TEMPORARY BRACING

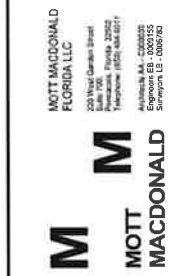
- 1. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED DURING CONSTRUCTION.
- 2. THE CONTRACTOR SHALL RETAIN AT THE CONTRACTOR'S EXPENSE A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT TO DESIGN AND INSPECT ALL TEMPORARY SHORING AND BRACING, SIGNED, SEALED AND DATED DESIGN CALCULATIONS SHALL BE SUBMITTED FOR REVIEW WHEN REQUESTED.

REFERENCE DATUM AND FLOOD DATA

- 1. ELEVATIONS INDICATED ON PLANS AND DETAILS ARE BASED OFF TOP OF EXISTING PIER ELEVATION= 0'-0".
- 2. PROJECT IS LOCATED IN FLOOD ZONE X.

STANDARD STRUCTURAL ABBREVIATIONS

Table with 4 columns: Abbreviation (e.g., AB, ADD, ADDL), Description (e.g., ANCHOR BOLT, ADDITIVE, ADDITIONAL), Abbreviation (e.g., PC, PREFAB), Description (e.g., PRECAST, PREFABRICATED).



PENSACOLA BEACH SIGN FRAME REPLACEMENT GULF BREEZE, FLORIDA

Table with columns: DATE, DESIGNED BY, DRAWN BY, CHECKED BY, PROJECT ENGINEER, PROJECT NUMBER, PROJECT MANAGER. Values include APRIL 2018, MJT, RC, CEL, MJT, CEL, 371827.

ISSUED FOR BID NOT FOR CONSTRUCTION CHAD E. LYNER 66277 FLORIDA - CERTIFICATION NUMBER VALID ONLY WITH EMBOSSED SEAL DATE

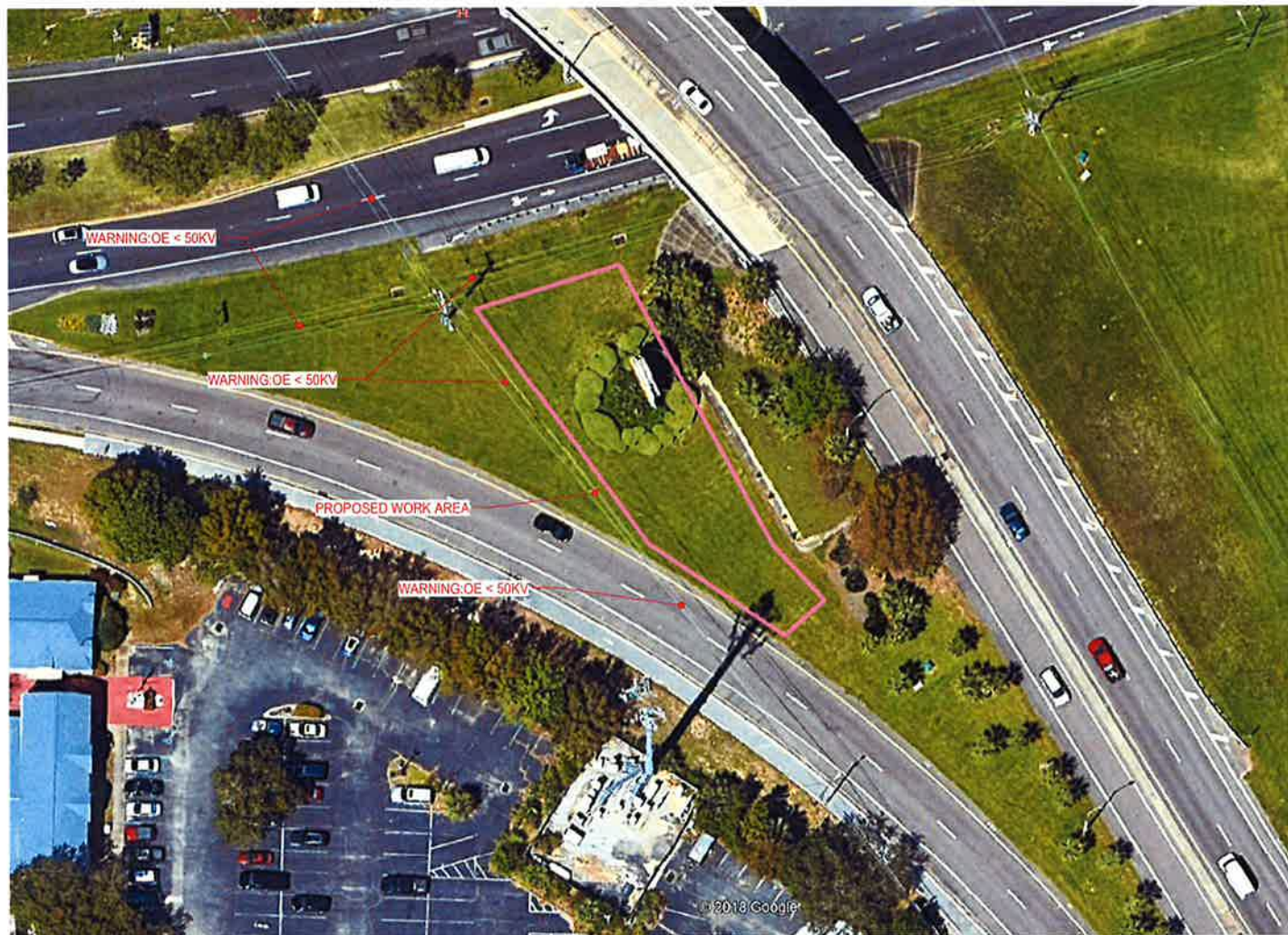
SHEET TITLE: GENERAL NOTES SHEET NUMBER: S-2

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CONSTRUCTION SEQUENCE NOTES

1. CONTRACTOR SHALL NOTIFY GULF POWER OF LIFT ADJACENT TO POWER LINES (1) WEEK PRIOR TO NOTIFICATION OF LIFTING OPERATIONS. OVERHEAD POWERLINES < 50 KV.
2. CONTRACTOR SHALL NOTIFY ESCAMBIA AND SANTA ROSA COUNTY (2) WEEKS BEFORE DEMOLITION OF SIGN STRUCTURE AND APPURTENANCES.
3. CONTRACTOR SHALL TAKE DUE PRECAUTION TO PROTECT SIGN AND SIGN COMPONENTS FROM DAMAGE. DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. DE-ENERGIZE POWER SUPPLY TO SIGN, COORDINATE WITH GULF POWER. REFER TO ONE-LINE DIAGRAM AND KEY NOTES.
5. REMOVE NEON FROM TOP SECTION.
6. DETACH AND REMOVE THE SAILFISH FROM THE TOP OF THE SIGN.
7. UNHOOK WIRING TO FLASHERS.
8. REMOVE ALL THE LETTERING AND NEON FROM THE CENTER SECTION.
9. DETACH AND REMOVE TOP HALF OF CENTER SECTION.
10. DETACH AND REMOVE BOTTOM HALF OF CENTER SECTION.
11. REMOVE ARROW NEON FROM BOTTOM SECTION.
12. DETACH AND REMOVE TOP HALF OF BOTTOM SECTION.
13. DETACH AND REMOVE BOTTOM HALF OF BOTTOM SECTION.
14. DISCONNECT AND REMOVE FLASHER.
15. HAUL SIGNS TO A SECURED STORAGE SITE. SIGNS SHALL BE STORED IN A MANNER THAT PROTECTS THEM AND THEIR COMPONENTS FROM DAMAGE OR THEFT.
16. FIELD MEASURE/ CONFIRM DIMENSIONS AND ORIENTATION OF ALL EXISTING SIGN SUPPORT MEMBERS BEFORE MATERIAL PROCUREMENT, FABRICATION & ERECTION. NEW SIGN SUPPORT FRAMING SHALL BE FABRICATED TO MATCH THE EXISTING LAYOUT FOR COMPATIBILITY WITH SIGNS.
17. DEMOLISH EXISTING SIGN STEEL FRAME AND COMPONENTS IN ITS ENTIRETY.
18. CONTRACTOR IS TO BECOME FAMILIAR WITH ALL EXISTING ELEMENTS OF EXISTING SIGN STRUCTURE PRIOR TO COMMENCING DEMOLITION. CONTRACTOR SHALL PREPARE A WRITTEN DEMOLITION PLAN AND SUBMIT TO ENGINEER. PLAN SHALL DETAIL THE METHODOLOGY AND SEQUENCE OF DEMOLITION. ALL WORK SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE BUILDING CODE AND HEALTH REGULATIONS. ALL WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO ENSURE JOB SITE AND HUMAN SAFETY.
19. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO STRICTLY CONTAIN THE DEMOLITION WITHIN THE LIMITS OF THE REQUIRED WORK ZONE AND AVOID ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES, AND LANDSCAPING.
20. ANY DAMAGE INCURRED IN EXECUTION OF THIS CONTRACT TO ANY PART OF THE PROPERTY AND/OR STRUCTURE NOT SPECIFICALLY DESIGNATED FOR DEMOLITION SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
21. THE CONTRACTOR SHALL USE METHODS/PROCEDURES DEEMED APPROPRIATE TO DEMOLITION OF STRUCTURE SHOWN. DEMOLITION BY EXPLOSIVES IS PROHIBITED.
22. DEBRIS FROM DEMOLITION AND ITEMS INDICATED TO BE REMOVED SHALL BE REMOVED FROM PROPERTY AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
23. ALL DEMOLISHED MATERIAL, UNLESS OTHERWISE NOTED, SHALL BE COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE REMOVAL, HANDLING, AND DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
24. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE MATERIALS TO BE DISPOSED OF AND ALL GOVERNING AGENCY REQUIREMENTS.
25. SITE VERIFICATION: PRIOR TO BEGINNING DEMOLITION, THE CONTRACTOR SHALL CHECK THE DRAWING AGAINST THE WORK SITE AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS OR SITE CONDITIONS. THE CONTRACTOR SHALL NOT BEGIN DEMOLITION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED.
26. ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF DEMOLITION ARE THE RESPONSIBILITY OF THE CONTRACTOR.
27. THE CONTRACTOR SHALL PLACE DEBRIS CONTROL DEVICES, STAGING, AND OTHER DEVICES AS NECESSARY AS TO PREVENT DEBRIS AND AIR BORNE MATERIAL FROM LEAVING THE WORK ZONE OF THE SITE. WATER SPRAY AND/OR OTHER APPROPRIATE METHODS SHALL BE USED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP OF ANY MATERIAL DEPOSITED OUTSIDE THE WORK AREA.
28. CONTRACTOR SHALL COORDINATE WITH SUNSHINE 811 AND COUNTY TO LOCATE ALL ABOVE AND BELOW GROUND UTILITIES IN THE AREA OF DEMOLITION PRIOR TO COMMENCING.
29. CONTRACTOR SHALL COORDINATE SITE ACCESS AND STAGING AREA WITH COUNTY AND ENGINEER.
30. NO CONCRETE CRUSHING ALLOWED ON SITE.
31. ALL LANDSCAPING SHALL BE PROTECTED AND REMAIN.
32. CHIP DOWN CONCRETE FOUNDATIONS TO SOUND MATERIAL, MAX 3" CUT OFF EXISTING ANCHOR BOLTS AT LOWEST EXPOSED POINT.
33. CLEAN AND REMOVE ANY DELETERIOUS MATERIALS REMAINING ON THE FOUNDATIONS. APPLY SIKA ARMATEC 110 EPOCEM OR APPROVED EQUIVALENT. FOLLOW MANUFACTURERS INSTRUCTIONS. PLACE HIGH STRENGTH CEMENTITIOUS GROUT TO ACHIEVE A LEVEL FINISH THAT MATCHES EXISTING TOP OF PIER ELEVATION.
34. INSTALL THREADED RODS PER THE CONTRACT DOCUMENTS. REFER TO PLANS FOR DRILL AND EPOXY REQUIREMENTS. FOLLOW MANUFACTURERS INSTRUCTIONS, HILTI OR APPROVED EQUIVALENT.
35. ERECT NEW STEEL FRAME STRUCTURE. BASE PLATES SHALL BE GROUTED IMMEDIATELY AFTER FINAL ANCHORBOLT TIGHTENING. CONTRACTOR SHALL COORDINATE ANGLE SUPPORT ELEVATIONS, LENGTHS, AND FASTENERS WITH EACH SIGN TO ENSURE THE SIGNS HAVE THE PROPER ORIENTATION AND APPEARANCE. REFER TO SPECIFICATIONS AND GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
36. ATTACH AND CONNECT FLASHER TO SIGN.
37. ATTACH BOTTOM HALF OF BOTTOM SECTION.
38. ATTACH TOP HALF OF BOTTOM SECTION.
39. CONNECT ARROW NEON ON BOTTOM SECTION.
40. ATTACH BOTTOM HALF OF CENTER SECTION.
41. ATTACH TOP HALF OF CENTER SECTION.



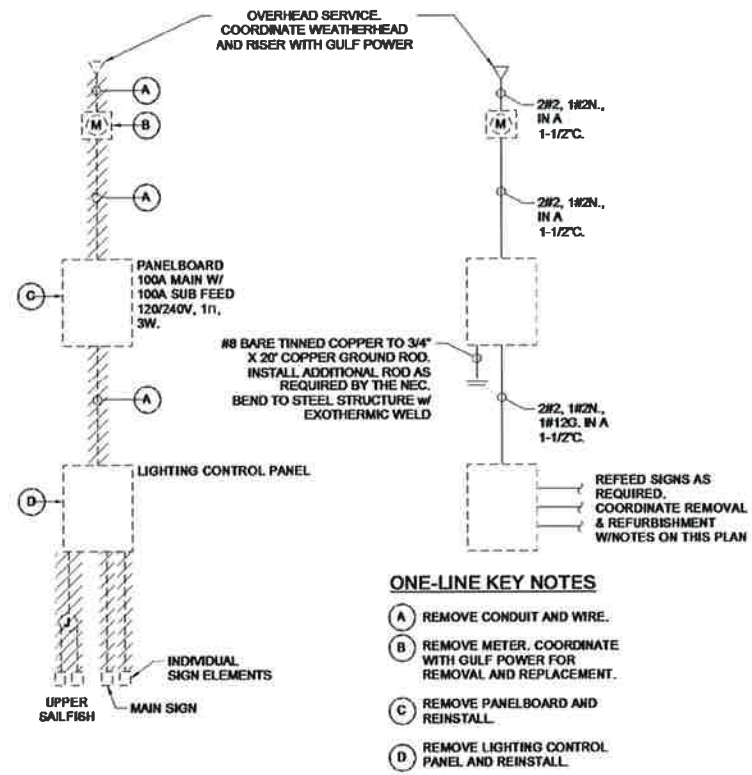
42. CONNECT LETTERING AND NEON ON THE CENTER SECTION.
43. CONNECT WIRING TO FLASHERS.
44. ATTACH THE SAILFISH TO THE TOP OF THE SIGN.
45. CONNECT NEON ON TOP SECTION.
46. RE-ENERGIZE POWER SUPPLY TO SIGN.
47. DE-MOBILIZATION OF CREWS, CRANES, EQUIPMENT, AND LIFTS.

SITE MAP

CAUTION! OVERHEAD POWERLINES!



FOR ELECTRICAL ONLY
ISSUED FOR BID
NOT FOR CONSTRUCTION
 ANDREW K. GIBBS
 77293 FLORIDA - CERTIFICATION NUMBER
 DATE VALID ONLY WITH EMBOSSED SEAL



MOTT MACDONALD
 FLORIDA, LLC
 200 West Garden Street
 Suite 100
 Jacksonville, Florida 32202
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 License No. EC-000005
 Engineer E.S. O'BRIEN
 September 14, 2009

**PENSACOLA
 BEACH SIGN
 FRAME
 REPLACEMENT**
 GULF BREEZE, FLORIDA

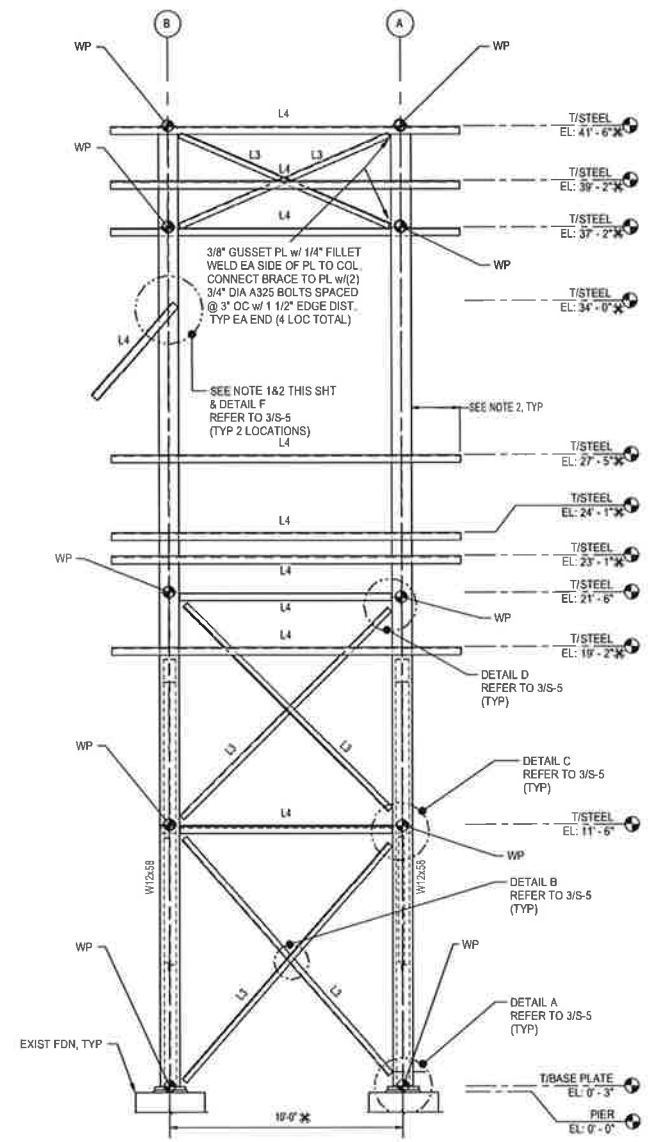
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APRIL 2018	MJT
DESIGNED BY:	RC
DRAWN BY:	CEL
CHECKED BY:	MJT
PROJECT ENGINEER:	CEL
PROJECT MANAGER:	
Mott MacDonald	371827
PROJECT NUMBER:	

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 CHAD E. LYNER
 66277 FLORIDA - CERTIFICATION NUMBER
 DATE VALID ONLY WITH EMBOSSED SEAL

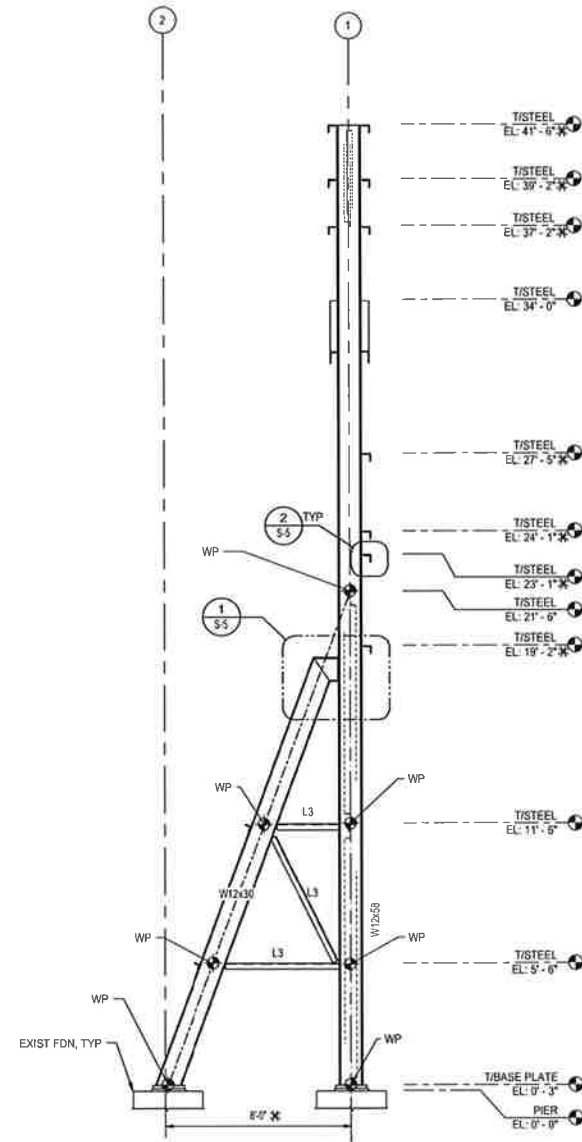
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**CONSTRUCTION
 SEQUENCE &
 SITE MAP**

SHEET NUMBER:
S-3

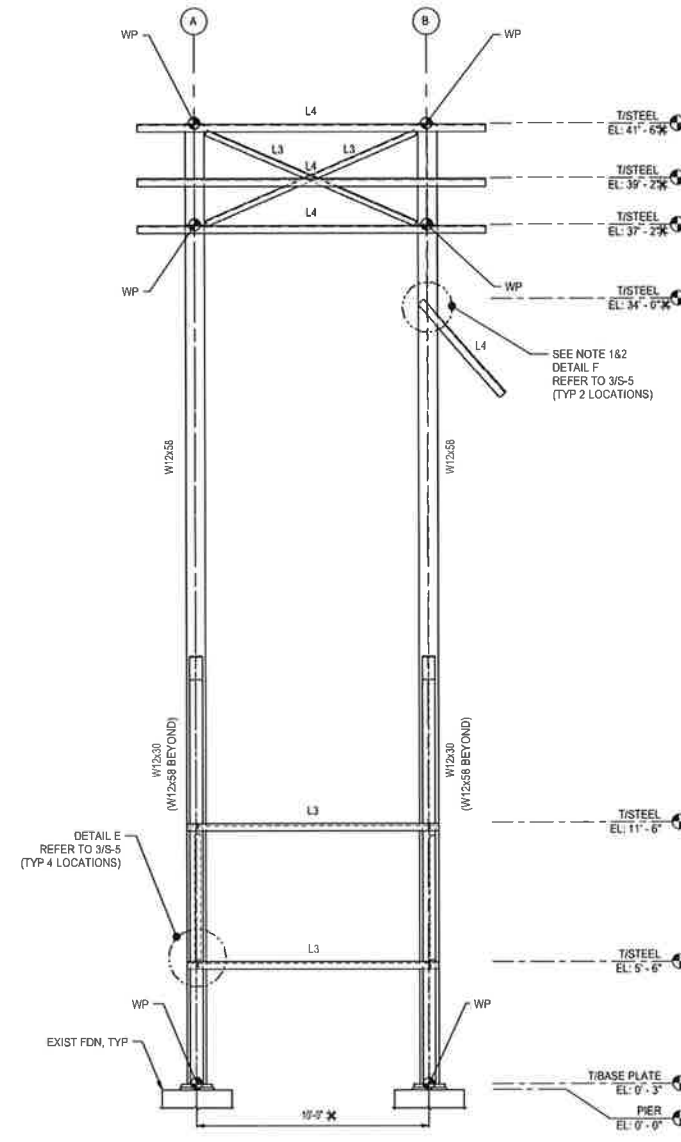
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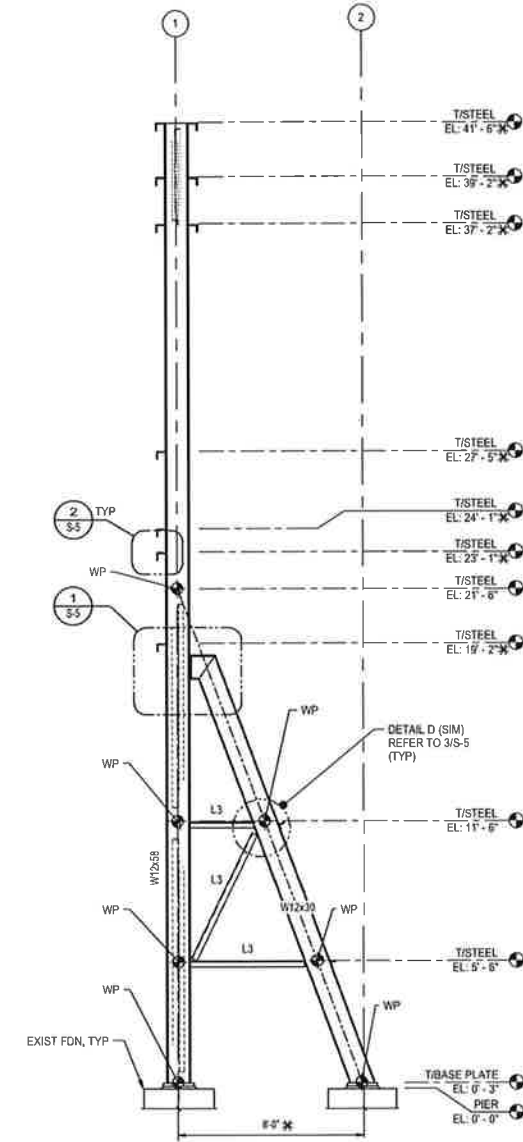
1 WEST ELEVATION
S-4 1/4" = 1'-0"



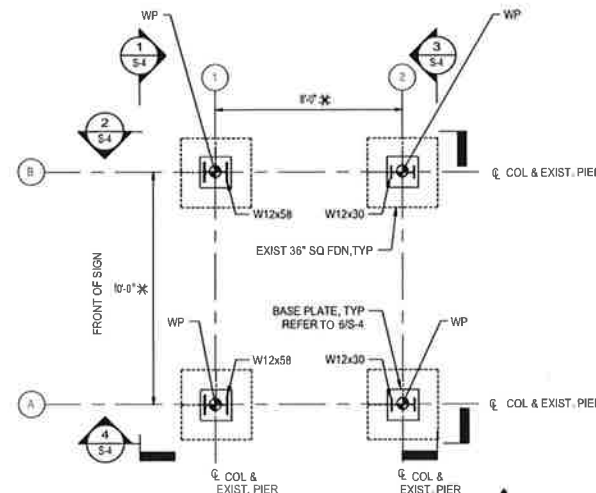
2 NORTH ELEVATION
S-4 1/4" = 1'-0"



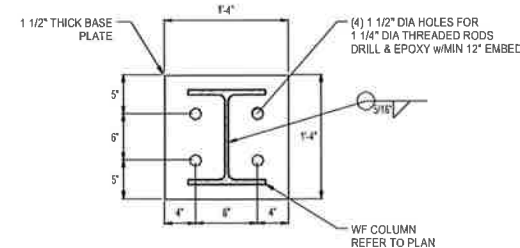
3 EAST ELEVATION
S-4 1/4" = 1'-0"



4 SOUTH ELEVATION
S-4 1/4" = 1'-0"



5 COLUMN LAYOUT
S-4 1/4" = 1'-0"



6 BASE PLATE DETAIL
S-4 1" = 1'-0"

NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF SIGN SUPPORT ANGLES BEFORE MATERIAL PROCUREMENT, FABRICATION AND ERECTION.
2. CONTRACTOR SHALL COORDINATE SIGN SUPPORT ANGLE LENGTHS AND OVERHANGS WITH SIGNS BEFORE FABRICATION AND ERECTION.
3. BASE PLATES SHALL BE GROUTED IMMEDIATELY AFTER FINAL ANCHOR BOLT TIGHTENING. REFER TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
4. DIMENSIONS AND ELEVATIONS BASED OFF TOP OF EXISTING PIER ELEVATION= 0'-0".

LEGEND:

- * CONTRACTOR TO VERIFY DIM/ ELEV
- WP WORK POINT
- L3 DENOTES L3x3x3/8
- L4 DENOTES L4x4x3/8

PENSACOLA BEACH SIGN FRAME REPLACEMENT
GULF BREEZE, FLORIDA

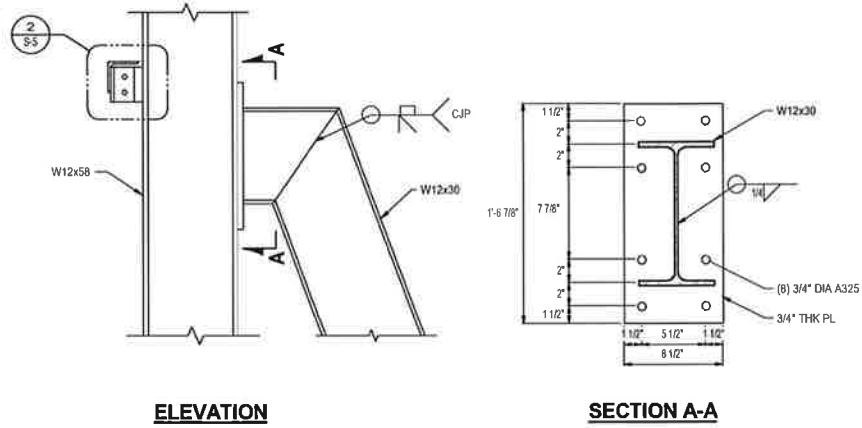
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PROJECT NUMBER: 371827

SHEET TITLE:
FRAMING ELEVATIONS, COLUMN LAYOUT, AND BASE PLATE DETAIL

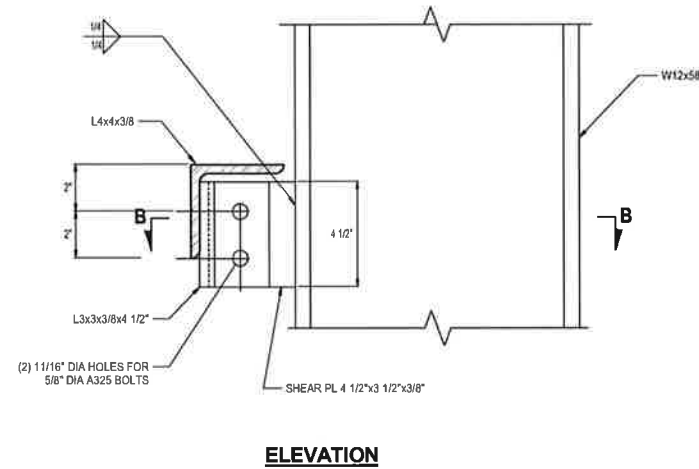
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S-4

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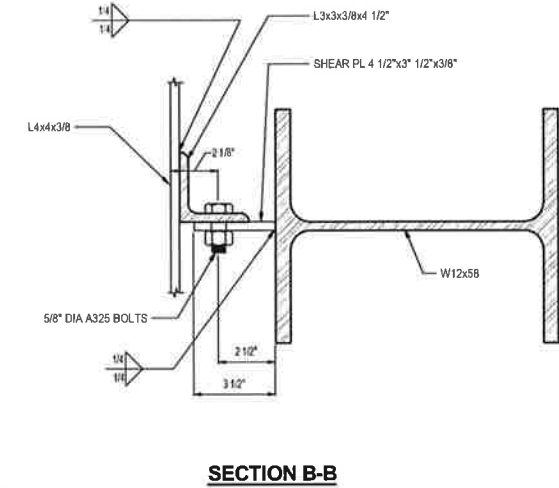


ELEVATION

SECTION A-A



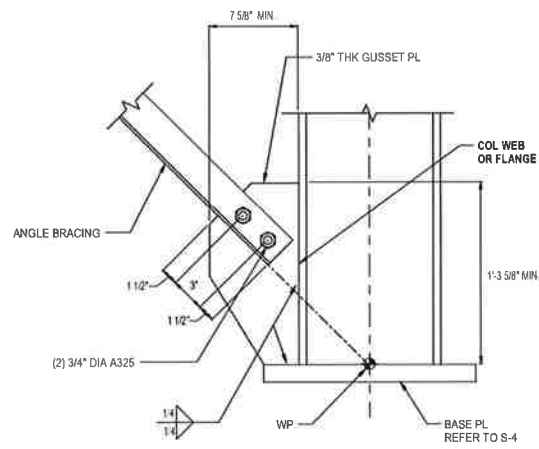
ELEVATION



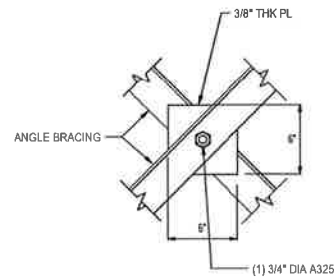
SECTION B-B

1
S-5
COLUMN TO KICKER CONNECTION
1" = 1'-0"

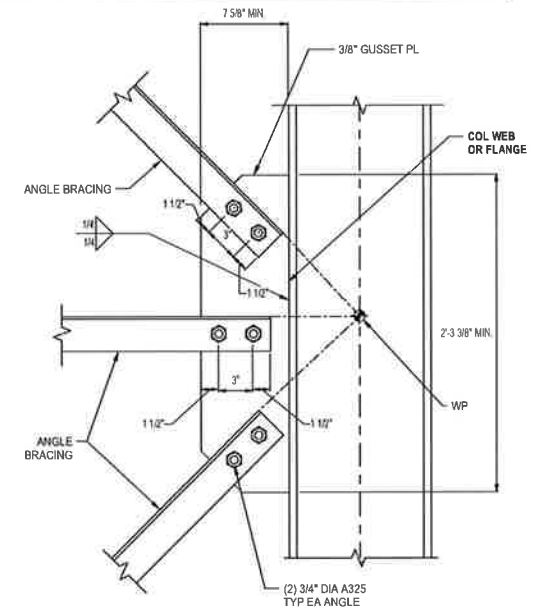
2
S-5
TYPICAL SIGN SUPPORT ANGLE TO COLUMN
3" = 1'-0"



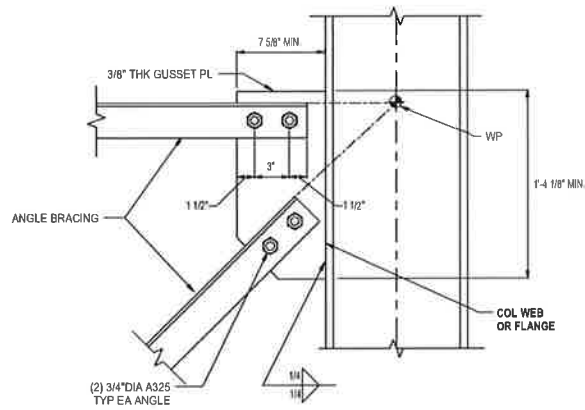
BRACING CONNECTION DETAILS (A)



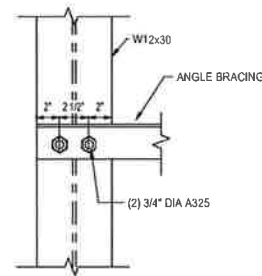
BRACING CONNECTION DETAILS (B)



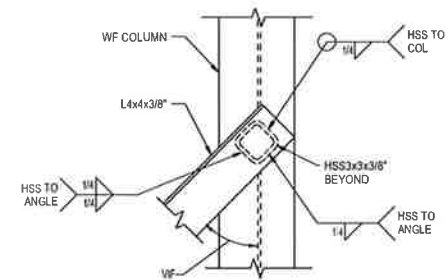
BRACING CONNECTION DETAILS (C)



BRACING CONNECTION DETAILS (D)



BRACING CONNECTION DETAILS (E)



BRACING CONNECTION DETAILS (F)

3
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BRACING CONNECTION DETAILS
1 1/2" = 1'-0"

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**PENSACOLA
BEACH SIGN
FRAME
REPLACEMENT**
GULF BREEZE, FLORIDA

ISSUED FOR BID

0

04/2018

APRIL 2018

DESIGNED BY: MJT

DRAWN BY: RJC

CHECKED BY: CEL

PROJECT ENGINEER: MJT

PROJECT MANAGER: CEL

DATE: 3/7/18

ISSUED FOR BID

NOT FOR CONSTRUCTION

SHEET TITLE:

CONNECTION
DETAILS

SHEET NUMBER:

S-5

SECTION 05120

STRUCTURAL STEEL

PART 1- GENERAL

1.01 SUMMARY

- A. Description of scope and intent:
1. CONTRACTOR shall provide all material, labor, and tools required to complete the installation of specified system.
 2. Any omission of reference to items required to complete the full operational and functional system specified in the section does not relieve the CONTRACTOR of the obligation to provide same.
 3. To provide installation of all items, including delivery, dispersing to the proper locations within the site, and affixing in place.
 4. Installation shall be accomplished by workers skilled in their craft who will perform their work in a professional manner and will leave the premises safe, orderly and clean.
 5. Drawings and general provisions of Contract, including EJCDC General and Supplemental Conditions and Division 1 Specification Sections, apply to this Section.
 6. CONTRACTOR is responsible for coordination of work included in this specification with all other specification sections related to furnishing of all materials, labor, permits, fees and services necessary for completion of work in this Section.
 7. In the event of a conflict between the Design Drawings, referenced standards and these Specifications, the more stringent shall govern unless directed otherwise by the ENGINEER. CONTRACTOR shall strictly adhere to OSHA requirements and local codes or those of any regulatory agency or body with jurisdiction.
- B. Section Includes:
1. Fabrication and erection of structural steel framing members, as defined in AISC Code and as indicated on the drawings.
 2. Fabrication and erection of architecturally exposed structural steel (AESS).
 3. Welding.
 4. Shop painting.
- C. Products Furnished but not installed under this section:
1. Steel anchorages cast in concrete.
 2. Steel anchorages embedded in masonry.

1.02 REFERENCES

Comply with the following documents, except where requirements of the Contract Documents or of governing codes and governing authorities are more stringent. All referenced standards refer to the edition in force at the time these plans and specifications are issued.

- A. ASTM A 36 -- Standard Specification for Structural Steel
- B. ASTM A 6 -- General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use
- C. ASTM A 123 -- Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron

SECTION 05120

STRUCTURAL STEEL

and Steel Products

- D. ASTM A 307-- Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength
- E. ASTM A 325-- Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
- F. ASTM A 500-- Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
- G. ASTM A 786 – Rolled Steel Floor Plates
- H. ASTM A 992 – Specification for Structural Steel Shapes
- I. ASTM C 1107-- Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)
- J. ASTM E 94 -- Standard Guide for Radiographic Testing
- K. ASTM E 142-- Standard Method for Controlling Quality of Radiographic Testing
- L. ASTM E 164-- Standard Practice for Ultrasonic Contact Examination of Weldments
- M. ASTM E 165-- Standard Test Method for Liquid Penetrant Examination
- N. ASTM E 709-- Standard Guide for Magnetic Particle Examination
- O. ASTM F 959-- Standard Specification for Compressible-Washer-Type Direct Tension Indicators for Use with Structural Fasteners
- P. AWS D1.1-- Structural Welding Code - Steel; American Welding Society
- Q. Code of Standard Practice for Steel Buildings and Bridges; American Institute of Steel Construction, Inc. (AISC)
- R. Specification for Structural Steel Buildings -- Allowable Stress Design and Plastic Design; American Institute of Steel Construction, Inc. (AISC)
- S. Specification for Structural Joints Using ASTM A325 or A490 Bolts; Research Council on Structural Connections; American Institute of Steel Construction, Inc. (AISC)
- T. Steel Structures Painting Manual, Volume 2, Systems and Specifications; Steel Structures Painting Council (SSPC)

1.03 DEFINITIONS

- A. Structural Steel: Items as listed in 2.1 of AISC "Code of Standard Practice for Steel

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STRUCTURAL STEEL

Buildings and Bridges," and excluding steel, iron, or other metal items not listed, even if attached to the structural framing.

1.04 SYSTEM DESCRIPTION

- A. General: Unless otherwise specifically approved in writing, furnish exact sections, weights, and kinds of material specified, using details and dimensions shown.
1. Not all connections are detailed; similar details apply to similar conditions, unless otherwise indicated. Contact the Architect promptly to verify design of members or connections in any situation where design requirements are unclear.

1.05 SUBMITTALS

- A. Product Data: Producer's or manufacturer's information for products as follows, including sufficient data to show compliance with specified requirements:
1. Mill test reports for each type of structural steel furnished.
 2. Test reports for high-strength bolts, nuts, and washers, including chemical analysis, tensile strength tests, and hardness tests.
 3. Test reports for direct tension indicators.
 4. Specifications for primer paint, including manufacturer's data on chemical composition, adhesion of spray fireproofing, and dry film thickness per applied coat.
 5. Specifications for non-shrink grout.
- B. Shop Drawings: Complete drawings for structural steel, including information on location, type, and size of all connections, distinguishing between those made in the shop and those made in the field.
1. Indicate weld lengths and sizes, using standard American Welding Society (AWS) welding symbols.
 2. Include setting drawings and templates for anchorages to be installed by others.
 3. Prepare shop drawings under the seal of a professional structural ENGINEER registered in the state of Florida.
 4. The fabricator is specifically responsible for the adequacy of any connections designed by the fabricator to performance standards established in the contract documents. Approval by the ENGINEER of shop drawings shall not relieve the fabricator of this responsibility, despite wording to the contrary in paragraph 4.2.1 of the AISC Code.
- C. Test Reports: Submit test reports for all specified tests of connections.
- D. Welder Qualifications: Evidence that welders employed in the work are currently certified under American Welding Society (AWS) qualification procedures.
- E. Surveys: Certified copies of specified surveys, showing locations of all critical elements and deviations from data shown on contract documents.

1.06 QUALITY ASSURANCE

- A. Welding Procedures: Establish that joint welding procedures are prequalified or test in accordance with American Welding Society (AWS) qualification procedures.

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STRUCTURAL STEEL

- B. Regulatory Requirements: Unless other requirements of governing authorities or particular requirements of this specification are more stringent, comply with provisions of the following:
 - 1. AISC "Code of Standard Practice for Steel Buildings and Bridges."
 - 2. AISC "Specification for Structural Steel Buildings -- Allowable Stress Design and Plastic Design," with Commentary and Supplements.
 - 3. AWS D1.1, "Structural Welding Code - Steel."
- C. Testing and Inspection Agency: Engage an independent testing and inspection agency acceptable to the OWNER to perform testing, inspect and evaluate connections, and prepare test reports.
 - 1. Correct deficiencies in the structural steel work identified by the testing and inspection agency at no additional expense to the OWNER. Subsequent tests to confirm the adequacy of corrected work will be at the CONTRACTOR's expense.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Shipping: Deliver steel in timely fashion, to permit the most efficient and economical flow of work. Deliver steel members properly marked for field assembly and erection.
 - 1. Deliver anchor bolts, washers, and other anchorage devices to be built into other work in time to avoid delays and permit their proper installation.
- B. Storage: Protect steel and other materials of this section from damage and corrosion. If temporary storage at the project site is required, keep steel members off the ground, using platforms or pallets, in location easily accessible for inspection.

PART 2- PRODUCTS

2.01 STEEL MATERIALS

- A. AESS Materials - General: For members which will be exposed in the finished work and have been identified as AESS on the drawings, provide only materials which are free of surface blemishes such as pitting, roller marks, rolled trade names, and surface roughness.
- B. Structural Steel Members (refer to plans for locations indicated):
 - 1. Wide flanges and WT sections: ASTM A992, Fy=50 ksi
 - 2. Channels, angles, plates, and miscellaneous steel: ASTM A36, Fy=36 ksi
 - 3. 316 Stainless Steel: ASTM A484, ASTM A276, Fy=30 ksi
 - 4. Structural Tubing, Cold-Formed: ASTM A500, Fy=46 ksi
 - 5. Steel Pipe: ASTM A53, Type E or S, Grade B, Fy=35 ksi
- C. Anchor Bolts: ASTM F1554, Carbon steel, Grade 36; ASTM A 36 steel plate washers.
- D. Bolts and Nuts:
 - 1. Carbon Steel: ASTM A307, Grade A
 - 2. High Strength Steel: ASTM A325, Type 1, plain (medium carbon steel)
 - 3. Stainless Steel: ASTM F593, ASTM F594
 - 4. AESS: Provide hexagonal bolt heads and nuts at all exposed connections.
- E. Hardened Washers: ASTM F436, ASTM A240 (for stainless)

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STRUCTURAL STEEL

1. Dimensional requirements shall meet ANSI B18.22.1, Type A plain.
- F. Direct Tension Indicators: At CONTRACTOR's option, provide either load indicator washers complying with ASTM F 959 or snap-off high-strength bolts certified to provide the minimum fastener tension in accordance with AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts" at all connections requiring high-strength bolts.
- G. Shear Connectors: ASTM A108, Grades 1010 through 1020, headed-stud type, cold-finished carbon steel; AWS D1.1, Type B. Minimum Yield Strength = 50 ksi. Test Shear connectors in accordance with AWS. All studs shall be a minimum $\frac{3}{4}$ " diameter unless otherwise noted.

2.02 MISCELLANEOUS MATERIALS

- A. Welding Electrodes and Fluxes: AWS D1.1, Types as follows:
 1. E70XX.
- B. Nonshrink Grout: Prepackaged material requiring only the addition of water and complying with ASTM C 1107, and as follows:
 1. Natural aggregate (nonmetallic) type.
 2. Products: The following products, provided they comply with requirements of the contract documents, will be among those considered acceptable:
 - a. "Masterflow 928"; Master Builders, Inc.
 - b. "SonogROUT 14k"; Sonneborn Building Products Division/ChemRex, Inc.
 - c. "Euco N-S Grout"; The Euclid Chemical Company.
 - d. "Supreme"; Cormix Construction Chemicals.
 - e. "Five Star Grout"; Five Star Products, Inc.
- C. Shop Primer: Fabricator's standard primer.

2.03 FABRICATION

- A. Shop Assembly - General: Comply with requirements of AISC Specifications. Shop fabricate and assemble to maximum degree possible.
 1. AESS: Comply with requirements of AISC Code for architecturally exposed structural steel.
 - a. Appearance: Cut, fit, and assemble units with exposed surfaces smooth, square, and free from cutting marks, shear distortion, burrs, and nicks.
 - b. Tolerances: As specified in AISC Code for AESS, unless more stringent requirements are indicated on the drawings.
- B. Thermal Cutting: Perform all thermal cutting by machine.
 1. Plane thermally cut edges which are to be welded.
- C. Connections:
 1. Shop connections: As indicated on the drawings.
 2. Field connections: As indicated on the drawings.
 3. Bolts: High-strength steel bolts, except as otherwise indicated.
 - a. Bolting: Comply with requirements of AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts."

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STRUCTURAL STEEL

4. Welds: Comply with requirements of AWS Code for welding procedures and quality of welds, including appearance.
 - a. Built-up sections: Assemble components and weld using procedures which will maintain proper alignment of finished section.
 - b. AESS: Verify that weld sizes, fabrication sequence, and equipment to be employed will limit distortions to allowable tolerances. Surface bleed of back-side welding on exposed surfaces will not be acceptable.
 - 1) Grind smooth exposed fillet welds 1/2 inch and larger.
 - 2) Grind flush butt welds.
 - 3) Dress all exposed welds.
- D. Finishing: Accurately mill ends of columns and other members which must transmit loads in bearing.
- E. Holes in Steel Members: Make all holes by means of cutting, drilling, or punching at right angles to surface of metal. Do not make or enlarge holes by burning.
 1. Provide holes in steel members as required to permit connection of work by others.

2.04 SHOP COATING – GALVANIZING

- A. Galvanize the following items:
 1. All structural steel exposed to weather and as indicated on drawings.
- B. Preparation: Thoroughly clean members to be galvanized, removing loose rust and mill scale.
- C. Galvanizing: Perform galvanizing after fabrication in accordance with requirements of ASTM A 123, except galvanize all fastener assemblies in accordance with ASTM A153, use galvanizing methods which provide surface suitable for painting with min class A slip coefficient (0.33).

2.05 SHOP COATING – PAINT

- A. Shop prime all steel members, except:
 1. Galvanized steel members.
 2. Steel members embedded in concrete or mortar.
 3. Do not paint the following surfaces:
 - a. Machined or milled surfaces.
 - b. Surfaces adjacent to field welds.
 - c. Faying surfaces of bolted connections.
 - d. Portions of member that receive a special coating. Refer to Section 09900.
- B. Preparation: Thoroughly clean steel surfaces to be shop primed, removing loose rust, loose mill scale, dirt, oil, and grease. Clean steel in accordance with SSPC procedures as follows:
 1. Power tool or blast cleaning: SSPC SP-3, -5, -6, or -10.
- C. Painting: As soon as possible after cleaning, apply specified primer paint in accordance with instructions of paint manufacturer, at a rate sufficient to provide a finished thickness of not less than 1.5 mils and an average thickness of 2.0 mils.

SECTION 05120

STRUCTURAL STEEL

2.06 SHOP QUALITY CONTROL

- A. Testing and Inspection:
1. General: Provide access to testing and inspection agency so that specified testing and inspection can be safely accomplished.
 2. Shop bolted connections: Comply with testing and verification procedures in AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts," except test not less than the following number of bolts in each bolted connection: All slip critical connections as noted SC on drawings.
 3. Shop welded connections: Inspect and test shop-fabricated welds as follows:
 - a. Visually inspect all welds.
 - b. Inspect 100. percent of full penetration welds, using test method as follows:
 - 1) Radiographic testing (ASTM E 94 and ASTM E 142).
 - c. Inspect 20 percent of fillet welds, using one of the following test methods:
 - 1) Radiographic Testing (ASTM E 94 and ASTM E 142).
 - 2) Magnetic Particle Inspection (ASTM E 709).
 - 3) Ultrasonic Testing (ASTM E 164).
 - 4) Liquid Penetrant Inspection (ASTM E 165).

PART 3- EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions for erection of structural steel and verify that the work may properly proceed. Do not commence erection of structural steel until unsatisfactory conditions have been corrected or fabricated steel components have been adjusted with the architect's agreement.
1. Surveys: Conduct verification surveys by a professional ENGINEER or land surveyor registered in the state of Florida.

3.02 PREPARATION

- A. Temporary Support: Provide temporary guys, braces, falsework, cribbing, or other elements required to secure the steel framing against loads equal in intensity to design loads. Remove such temporary support only when permanent connections have been made and the steel framing is fully capable of supporting design loads, including any temporary construction loads.

3.03 ERECTION

- A. General: Erect structural steel in compliance with AISC Code of Standard Practice and Specifications.
1. AESS: Comply with erection requirements of AISC Code dealing with architecturally exposed structural steel.
- B. Assembly:
1. Set structural members accurately to locations and elevations indicated, within tolerances established in AISC Code, before making final connections.
 2. Do not use thermal cutting to correct fabrication errors on any major structural member.

SECTION 05120

STRUCTURAL STEEL

- a. Thermal cutting of secondary members may be permitted by the architect upon request, but only when members involved are not loaded.
- C. Columns and Bearing Surfaces:
1. Clean bearing and contact surfaces before assembly. Slightly roughen concrete and masonry surfaces to improve bond.
 2. Set base and bearing plates accurately, using metal wedges, shims, or setting nuts as required.
 3. After tightening anchor bolts and ensuring that structure is plumb, grout solidly between plates and bearing surfaces.
 - a. Comply with manufacturer's instructions for nonshrink grout.
- D. Bolting:
1. Carbon steel bolts: Use only for temporary bracing during erection, unless otherwise specifically permitted by contract documents.
 2. High-strength bolts: Comply with requirements of AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts."
- E. Welding:
1. Do not perform field welding when ambient temperature is at 0 degrees F or below, or when surfaces are wet, exposed to rain, snow, or high wind.
 2. Perform field welding in accordance with AWS "Structural Welding Code - Steel."
 3. Tighten and leave in place erection bolts used in field-welded construction.
 - a. AESS: Verify that weld sizes, erection sequence, and equipment to be employed will limit distortions to allowable tolerances. Surface bleed of back-side welding on exposed surfaces is not acceptable.
 - 1) Grind smooth exposed fillet welds 1/2 inch and larger.
 - 2) Grind flush butt welds.
 - 3) Dress all exposed welds.
 - 4) Remove erection bolts, plug-weld bolt holes, and grind smooth.
- F. Touch-up Painting: As soon as possible after erection of primed structural steel, clean painted areas which have been abraded or otherwise damaged by welding, bolting, or other field operations. Apply touch-up paint matching shop coating by brush or spray to all damaged paint areas, achieving a minimum final thickness of 1.5 mils.

3.04 FIELD QUALITY CONTROL

- A. Testing and Inspection:
1. General: Provide access to testing and inspection agency so that specified testing and inspection can be safely accomplished.
 2. Field-bolted connections: Comply with testing and verification procedures in AISC "Specification for Structural Joints Using ASTM A325 or A490 Bolts," except test not less than the following number of bolts in each bolted connection:
All slip critical connections as noted SC on the drawings.
 3. Field-welded connections: Inspect and test field-fabricated welds as follows:
 - a. Visually inspect all field welds.

END OF SECTION 05120