

A D D E N D U M N O. 2

to the

CONTRACT DOCUMENTS

FOR

BID NO. 2026.11

REBID MAGNOLIA BEACH FIRE STATION PROJECT

FOR

CALHOUN COUNTY, TX

873 MARGIE TEWMEY RD #1
PORT LAVACA, TEXAS

TEXAS GENERAL LAND OFFICE

GLO CDBG MIT-MOD CONTRACT NO. 24-065-152-F011

FEMA PROJECT NO. DR-4485-0067

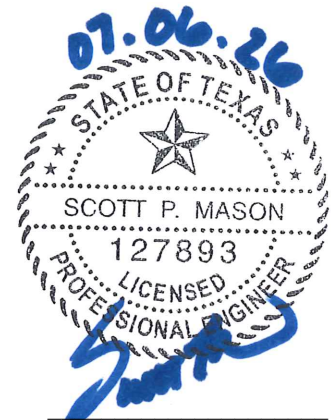
July 6, 2026



Prepared by:

G&W Engineers, Inc.

205 West Live Oak
Port Lavaca, Texas 77979
(361) 552-4509



Clarifications to the original Contract Documents, Contract Drawings and/or Specifications have been deemed necessary, and in certain cases, revisions to the original Contract Documents, Contract Drawings and/or Specifications are required. If discrepancies and/or inconsistencies exist between these specified revisions and the original Contract Documents, Contract Drawings and/or Specifications, said Addendum No. 2 shall govern.

1. A pre-bid meeting was held Thursday, June 11, 2026 at 10:00 AM. The pre-bid meeting minutes and sign-in sheet are attached hereto.
2. The attached questions from CivCastUSA.com and emailed questions with their respective answers shall be considered final and incorporated into the Contract Documents. As noted in the documents, it was the BIDDER responsibility to provide a complete bid and ask any questions necessary within the questions period.
3. Forms required with proposal as part of the bid package will be acceptable with signature using electronic signature.
4. Submission of a bid with any clarifications, stipulations, exceptions shall **not** be considered, accepted or incorporated into the contract as a condition for award, contract or commitment to be able to perform the work.
5. The bid deadline and bid opening date shall remain unchanged.
6. Sealed Bids consisting of one (1) original of the complete bid and required forms are **DUE BEFORE 2:00:00 PM local time, Tuesday, July 14, 2026 in the County Judge's office, Calhoun County Courthouse, 211 South Ann Street, 3rd Floor, Suite 301, Port Lavaca, Texas.** At this time, all bids will be publicly opened and read aloud in the conference room located in the County Judge's office.

CONSTRUCTION PLANS

REMOVE: C5, A1.1
REPLACE with: C5 (Rev. 1), A1.1 (Rev. 2) (All signed and sealed on 07.06.26)
EXPLANATION:
C5 – Added aluminum flag pole location.
A1.1 – Revised finish table and notes

CONTRACT DOCUMENTS

REMOVE: Bid
REPLACE with: Revised Bid
EXPLANATION: Clarifications and changed “Owner’s Option” Section to “Deduction” Section.

REMOVE: Drawing Index
REPLACE with: Revised Drawing Index
EXPLANATION: Changed the dates of two drawing listed.

TECHNICAL SPECIFICATIONS

REMOVE: Section 15500 – Heating, Ventilating, and Air Conditioning
REPLACE with: Revised Section 15500 – Heating, Ventilating, and Air
Conditioning
EXPLANATION: .05: Added: Item h.

PRE-BID CONFERENCE SIGN IN SHEET

Bid No. 2026.11 - Rebid Magnolia Beach Fire Station Project – GLO CDBG MIT-MOD Contact No. 24-065-152-F011 - FEMA Project No. DR-4485-0067

June 11, 2026

10:00 a.m.

Please Print

	Company Name	Representative	Email Address	Phone No.
1.	G+W ENGINEERS	SCOTT MASON	smason@gwengineers.com	361-552-4509
2.	Calhoun County	Demi Cabrera	demi.cabrera@calhouncotx.org	361-553-4613
3.	Calhoun County	Gracie Archer	gracie.archer@calhouncotx.org	361-553-4463
4.	Calhoun County	John Martinez	john.martinez@calhouncotx.org	361-571-5980
5.	KIT CONSTRUCTION CO., INC.	LARRY TOMMER	larrytommer@kitconstruction.com	(361) 576-1244
6.	NOBLE BUILDING & DEVELOPMENT LLC	Ken Lawler	klawler@noblebdllc.com	908-812-6008
7.	VICTORIA AIR CONDITIONING LTD	BRANDON SAPPINGTON T.J. MOONEY	brandon.sappington@victoriaair.com tjmooney@victoriaair.com	(361) 550-6258 (361) 571-7366
8.	GONZALES CONTRACTING INC	PAUL GONZALES	lisag@gonzalescontractinginc.com	361-655-9044
9.	John Mayne	Magnolia Beach VFD	magbeachvfd@gmail.com	361-484-5272
10.	Barcom Construction	David Hoffman	david.h@barcomcc.com	361 232 1893
11.	BBM Industries, Inc.	Nicholas Barrios	nbarrios@rbm-inc.com	726 251 1452
12.				

REBID Magnolia Beach Fire Station Pre-Bid Meeting

Date: 06/11/26 10:00 am

Meeting Minutes:

- Opening and introduction of Engineer and County Personnel

Scott – Start of the explanation of Project and funding sources

Scott – Explanation of Project and contractor requirements/sub-contractor requirements

- Labor Standards explanation and Davis Bacon Requirements

Scott – project specifics explanation stating with the bid documentation and spec book

- Bid opening date stated (07/14/26 2:00:00 pm.) including explanation of bid drop off and bid opening procedure
- Opened floor for question regarding the bidding procedure – no questions asked
- Explanation for bids that bid bonds/or bid security in the form of a cashier's check are required.
- Explanation of bid form required for a complete bid. Explained how the bid has changed since the first bid in an attempt to make things easier while still provide enough break down.
- Explanation of bid schedule particularly regarding the breakdown and two items concerning the electrical and how that is the separation line between GLO and FEMA grant. Therefore a clear delineation is necessary for the costs associated.
- Further explanation of bid table and clarification of the total base bid section and the owners option section.
- Opened floor to questions about the bid table – no questions asked
- Explanation of bid acknowledgement and calendar day estimation
- Brief explanation of sam.gov requirements. Must not be debarred at the time of the bid and able to be registered prior to contract execution within the time period allotted. Subcontractors must also not be debarred and must be registered.
- Explanation of recovered materials
- Explanation of section 3 documentations
- Explanation of in the instance of overlapping requirements the most stringent requirement takes priority.
- Opened floor for questions about the bid documentation – no questions asked
- Explanation that this is a grant project and about the payments from the grant, that the county is expedient on payments to grant funded projects.
- Explanation of the "Project Specific Requirements" technical specification.

- **Started to discuss the plan set**
- Clarification that the asphalt stated in the owner's option is a two-course chip seal
- Explanation that the building is in the 500-yr flood plain
- Explanation of general notes section and clarification that it is for the civil section
- Explanation of the demo plan, TxDOT driveway permits, and removal of existing trees
- Explanation of civil site plan including phasing note
- Explanation of the term "limited Interruptions"
- Explanation of grading and reasonable time to check forms in the case of inspection requests
- Explanation of drainage plan and the notes on the plan set
- Opened floor to questions about the civil plan section

Question – Will the county cover all of the permitting fees? Also, will the county be coordinating with the electrical service supplier and pay for temporary electrical service for the contractor?

Scott – explanation of building foundations and beams

- Explanation of mezzanine removable wall section and its uses
- Explanation of metal building of metal building notes the structural section of the plan set

Question – Will we be able to drill straight shafts or use helical piles in lieu of bell bottoms?

- Explanation of doors, windows, and wall painting / lining
- Explanation of brick exterior and design choice and color
- Explanation of masonry and corner stone
- Explanation of the term "fixed" for appliances
- Explanation of the flood proofing measures – interior coating of the walls
- Explanation of mechanical plan sheets
- Explanation of BCI joist and AC conduits, AC bank shown on plan set
- Explanation of plumbing water and sewer sheets
- Explanation of backflow prevention systems and requirements
- Opened floor to questions – no questions asked
- Explanation of electrical plan sheets
- Explanation of electrical generator pad location, transformer location and removal of existing electrical pole

Scott – explanation of Fire Department transition from existing building to interim conditions while construction is progressing

County Fire dept. – would like to park trucks in the adjacent barn. County stated that it could be

also used for storage of certain items during construction. Will/can be coordinated.

Question – Who is responsible for asbestos survey?

Question – Who will be coordinating with TxDOT, Undine and SCCCWSC?

Question – Who will provide windstorm engineer? Answered G&W is contracted by County to provide all inspections and paperwork to TDI to receive certification.

Question – Will we have to provide IT services and set up the building with a provider?

Scott – Mentioned that all products used must have appropriate TDI paperwork submitted as part of the submittal, specifically product approvals or they will be automatically rejected without further review.

Scott – Mentioned that all products are “or approved equal” and that alternatives must be marked appropriately and all alternatives will be approved or denied during the shop drawing / submittal time period of the project.

Request for Information Response:

Question #1:

Have you taken any consideration for rust proofing the generator and tank? A standard generator from most manufacturers will rust out in 5 years down on the coast.

Answer: The generator and tank have been selected and specified. The plans state "or approved equal", so that the contractor can suggest and submit alternatives for review.

Question #2:

what is the reason for the rebid??

Answer: The project has been rebid due to the rules and regulations from the county and grant funding source.

Question #3:

Would you please post the pre-bid meeting attendees list?

Answer: The pre-bid meeting attendees list was uploaded to Civcastusa.com 06/15/26.

Question #4:

On Drawing A1.10, Does the north wall of the supply room need to be Z waterproofing?

Answer: Yes, the northern wall does need the water proofing matching the "Z" call out as the wall section is the same as the dividing wall between the supply room and the garage.

Question #5:

On Drawing A1.6, Detail 2/A1.6, What is the E between the washer/dryer?

Answer: The E is noted to be the gear extractor to specifically wash and clean the firefighting gear without damaging the gear. The gear extractor will be provided for by the owner and installed by contractor. Reference electrical plans for provision requirements.

Question #6:

On Drawing A1.6, Detail 1/A1.6, There is a symbol indicating an air tank at the northeast corner on the building. Is this item by Owner?

Answer: The air tank is for compressed air at the workshop area, and the physical compressed air tank is to be provided and installed by the owner. Reference electrical plans for provision requirements.

Question #7:

Could you extend the deadline for questions by a week or two?

Answer: The deadline for questions has been set to allow for bidders to have time to ask questions while allowing enough time for the owner/engineer to respond and issue an addendum before the bid date.

Question #8:

Can the bidder turn in the quote with only one original instead of flash drive, original and 3 copies?

Answer: The documents to be turned in have been revised to include 1 original required per addendum No. 2.

Question #9:

The specs indicate metal duct and the plans appears to have some flex. Can you clarify the duct to be used

Answer: The duct work to be used is indicated in the plan set, metal duct specifications have been provided in the specs. General requirements for flex duct have been added to the specifications.

Question #10:

On Drawing A1.1, the room finish flooring schedule and notes indicate using Methyl Methacrylate Cry-A-Flex and sealed/stained in Garage, while the Painting spec 09900-5 indicates Clad Hidd Solids Epoxy. Can you Clarify?

Answer: The flooring coating material to be used is listed on the plan set. The "sealed/stained" has been updated to reflect the product in the spec 09900-5. The MMA refers to a specific product or equal and shall be installed in accordance to the manufacturer's specification.

Question #11:

Would you be able to request the unfactored loads or factored loads for each pile from the structural engineer. This information will be needed to ensure we meet the correct criteria for our VE review.

Answer: Metal building reactions will be provided by the engineer that will design the metal building (metal building manufacturer). These calculated "final" loads will be available during the shop drawing / submittal period. Value Engineering and alternatives shall be considered after award.

Question #12:

On page 82 of the bid documentation the page titled "Minority/ Women Goals and Timetables" shows a 6.9% female employment goal and a 27.4 minority goal later on in the page. Is the 6.9% included in the 27.4%?

Answer: The 6.9% is separate from the 27.4%; however, please keep in mind that these are goals, not requirements. Meeting these goals is encouraged but not required of a contractor.

Question #13:

Question on the specifics of the corner stone shown in the plans.

Answer: The cornerstone will be provided by the owner. Refer to specification 01015.

Question #14:

Question about possibility of asbestos in the existing structure to be demolished and removed.

Answer: To our knowledge there is no indication of asbestos or lead paint located within the building. While we were not required to perform an official asbestos survey, environmental clearance was granted based on the requirements associated with construction dates and rehabilitation of the existing structure. Should the contractor be alerted to any of these conditions, notifications shall be made to engineer immediately in writing and owner to take appropriate actions.

Question #15:

Question about only the foundation for the monument sign being shown on the plans.

Answer: Only the foundation for the monument sign is to be constructed. This includes conduits and details shown on the detail section of the civil / electrical plans.

Question #16:

Can helical piles be used in lieu of the shown drilled bell bottom 8' piles?

Answer: Alternative pile structures may be allowable. Shop drawing and calculations will need to be submitted for approval before the construction of the specific elements. Contractor to provide engineering and signed and sealed plans for structural modifications to be considered.

Question #17:

Question about the low voltage specs and communication.

Answer: Low voltage is referenced in Technical Specification 15500 in which all necessary items associated with the 24-volt system are to be in the construction. Also, reference Electrical sheets E1.0 – E8.0. Communication conduit provisions are to be provided for per electrical plans. Infrastructure and cabling to be provide for by owner.

Question #18:

Are there fire alarms to be added to the building?

Answer: The smoke detector location can be found in the electrical section of the plan set. There is not an automated fire alarm system.

Question #19:

The AC unit is out dated, and doesn't use the specified freon due to new freon laws / regulation.

Answer: The Goodman 5-ton unit with R-32 is readily available and the R-32 is compliant. Please note that the plans do stipulate "or approved equal". Alternative units will be considered and reviewed if submitted. Alternatives or equivalents are to be submitted during the shop drawing / submittal period after award.

Question #20:

The fans appear to be different on the mechanical section and the electrical section. Which is the correct one to use?

Answer: The fans are specified on the mechanical drawing M1.0. The labeling of "Ceiling Fan #1" and "Ceiling Fan #2" are for the diagram on E4.0 are for nomenclature and not specification.

Question #21:

Is this a commercial kitchen that would require special inspections for the vent hood?

Answer: The vent hood and its fire suppression system shall be installed according to the manufacturer's specification. The chosen vent hood and fire suppression system have been reviewed and approved by the public health department. Thus, an inspection maybe required and we do not anticipate any issues.

Question #22:

Question about possible laydown locations for supplies, materials and equipment.

Answer: Possible laydown yard locations can be arranged nearby with cooperation with the county. Owner has barn on-site and one down the road nearby. Owner to accommodate and discuss at pre-construction meeting.

Question #23:

Will there be any landscaping on the project? Will an additional landscaping plan be issued later on?

Answer: The landscaping of the project will be minimal; See Sheet C5.

Question #24:

The specs for the pre-engineered metal building primary steel call to be galvanized and the secondary steel to pre-galvanized. Is the intention to be painted in addition to being galvanized / pre-galvanized?

Answer: Unless specified in the plan set to be painted the PEMB members are intended to be galvanized, the siding of the building is intended to be galvalume with color options coordinated with the owner.

Question #25:

Regarding the Cryl A Flex spec for resinous flooring, the drawing refers to an MMA system, however, there are multiple options including solid color, flake, color quartz, slurry, etc. Can you please clarify/specify which to use?

Answer: The color and style will need to be coordinated with the owner for their preference. Alternatives or equivalents are to be submitted during the shop drawing / submittal period after award.

Question #26:

Is there additional information regarding the requirements for meeting the SBC and EOC criteria, as well as resources for identifying businesses with the appropriate certifications? Also, is this a requirement for the bid to be accepted?

Answer: For the Subcontractor Bidder Contacts or Subcontractor Bid List (SBC), all contractors and their subcontractors must be registered with SAM.gov and not be on the debarment list. If a contractor does not list a subcontractor in their bid proposal, that contractor remains responsible for complying with the Procurement Methods as outlined in 2 CFR 200 for any and all subcontractors. Contractors are encouraged to list their subcontractors in their bid proposals; however, if they don't and are awarded the contract and later find they need subcontractors, the contractor will need to comply with Section 3 and 2 CFR 200 as it procures the necessary subs.

Regarding the Equal Opportunity Clause (EOC), all contractors must comply. If you have already selected them, you are encouraged to include subcontractors who are not on the SAM.gov debarment list and are registered in SAM.gov in your bid proposal. However, subcontractors not listed must be procured in compliance with the EOC, Section 3, and the procurement methods outlined in 2 CFR 200, and must be non-debarred and registered in SAM.gov.

Question #27:

Based on the GeoTech and water table information, will the use of straight piers be allowed in lieu of bell piers?

Answer: Alternative pile structures may be allowable. Shop drawing and calculations will need to be submitted for approval before the construction of the specific elements. See answer to question 16.

Question #28:

Will alternate kitchen brand appliances be accepted?

Answer: Alternative appliances are on an approved equal bases and will be reviewed and considered if submitted. Alternatives or equivalents are to be submitted during the shop drawing / submittal period after award.

Question #29:

There has been a concern brought up regarding the vent hood and suppression system not meeting code, is this an issue that needs to be addressed?

Answer: The vent hood and its fire suppression system shall be installed according to the manufacturer's specification. The chosen vent hood and fire suppression system have been reviewed and approved by the public health department. Thus, we do not anticipate any issues. Please refer to sheet M1.1 of the mechanical section for details. Confirmation will be made with the health department and finding will be communicated at the pre-construction conference.

Question #30:

A flag pole is not shown on plan view but there is a detail confirm if we are to bid out the flag pole.

Answer: A flag pole location has been added to Sheet C5. Please coordinate with the owner for exact location

Question #31:

Is temporary electric to be paid for and coordinated by owner? Water for construction to be provided by owner?

Answer: Temporary electric will be provided by the owner. Water for construction may use the onsite well as long as the use doesn't interfere with the fire department's need, use, or access.

Question #32:

Paving subgrade clarification mainly are we to lime stabilize under sidewalks?

Answer: The Table on Sheet C9.2 shows that sidewalks should have a 6" lime stabilized subgrade which is inadvertently incorrect. Please use "Concrete Sidewalk" 11/c9.1 for pedestrian pavement.

Question #33:

Clarify if owners option is to be treated as a deduct item?

Answer: The cost put in the owners option section should be the price difference to subtract from Item 4 as the base bid consists of a concrete driving area and the owns option consist of a two-course asphalt driving area. The "Bid Table" has been revised to show as a deduction per addendum No. 2

Question #34:

Geotech not included in what was posted online. Could you provide?

Answer: A copy of the geotechnical report was included at the end of the contract documentation.

Question #35:

Permitting, confirm if any fees and coordination is excluded from contractor.

Answer: TxDOT Permitting has already been acquired. Utility fees are to be coordinated with and paid for by the owner. General County permitting fees (if applicable) are to be waived.

Question #36:

There is no specification for the sectional doors. Can one be supplied?

Answer: The roll up doors are specified to be Amarr 2402 or approved equal on sheet A 1.2 of the plan set. The color and style will need to be coordinated with the owner for their preference. Doors are to be installed per strict manufacturer and TDI requirements to meet windstorm requirements.

Question #37:

Question about IT support

Answer: The owner / County has their own IT technicians and will be responsible for the IT services for the building; coordination is required with the owner / County for installation windows to install IT services.

Question #38:

I do not find any specs on the vinyl windows.

There are several options for these that need to be clarified to give a good price.

Answer: The product is specified on sheet A1.4 with color options coordinated with the owner. Alternatives are on an approved equal bases and will be reviewed and considered if submitted. Alternatives or equivalents are to be submitted during the shop drawing / submittal period after award.

Question # 39:

We aren't sure how to flood proof the Y wall that's up against the metal building. Can you help us out with a clarification?

Answer: The wood framing and water proofing of the northern and eastern interior walls must be coordinated with the metal building erection.

DRAWING INDEX

	<u>SHEET NO.</u>	<u>DATE</u>
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GENERAL NOTES.....	C1	10/29/25
TOPOGRAPHIC SURVEY.....	C2	10/29/25
DEMOLITION PLAN.....	C3	10/29/25
CIVIL SITE PLAN.....	C4	10/29/25
PAVING PLAN.....	C5	07/06/26
STRIPING & SIGNAGE PLAN.....	C6	10/29/25
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STANDARD DETAILS.....	C9.1	10/29/25
STANDARD DETAILS.....	C9.2	03/12/26
STANDARD DETAILS.....	C9.3	10/31/25
 <u>STRUCTURAL DRAWINGS:</u>		
FOUNDATION PLAN.....	S1.0	03/12/26
FOUNDATION SCOPE PLAN.....	S1.0a	11/13/25
FOUNDATION SECTIONS & DETAILS.....	S1.1	03/12/26
WOOD FRAMING FOR ROOF PLANS.....	S1.2	11/13/25
WOOD WALL FRAMING.....	S1.3	11/13/25
MEZZANINE STAIR PLAN, ELEVATION & DETAILS.....	S1.4	11/13/25
 <u>ARCHITECTURAL DRAWINGS:</u>		
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GENERAL NOTES.....	A1.1	07/06/26
DOOR SCHEDULE & DOOR FRAMES.....	A1.2	03/12/26
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MECHANICAL PLAN & ELEVATIONS.....	M1.0	10/29/25
MECHANICAL SECTIONS.....	M1.1	10/29/25
REFLECTED CEILING PLAN.....	M1.2	10/29/25
WATER SCHEMATIC.....	P1.0	10/29/25
WATER RISER SCHEMATIC DIAGRAM.....	P1.1.	10/29/25
SANITARY SEWER PLAN.....	P1.2	10/29/25
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 <u>ELECTRICAL DRAWINGS:</u>		
ELECTRICAL NOTES / SPECIFICATIONS.....	E1.0	11/10/25
ELECTRICAL ONE LINE.....	E2.0	11/10/25
ELECTRICAL SITE PLAN.....	E3.0	11/10/25
ELECTRICAL PANEL SCHEDULES.....	E4.0	11/10/25
ELECTRICAL POWER PLAN.....	E5.0 - E5.1	11/10/25
ELECTRICAL LIGHTING PLAN.....	E6.0 - E6.1	11/10/25
ELECTRICAL VEC INSTALLATION DETAILS.....	E7.0	11/10/25
ELECTRICAL DETAILS.....	E8.0	11/10/25
STANDBY GENERATOR PLATFORM PLAN.....	E9.0	11/10/25
ELECTRICAL PLATFORM PLAN.....	E9.1	11/10/25
AIR CONDITIONING PLATFORM PLAN.....	E9.2	11/10/25

BID SCHEDULE

PROJECT NAME: Bid 2026.11- Rebid Magnolia Beach Fire Station Project for Calhoun County, Texas

DUE DATE: July 14, 2026 before 2:00:00 P.M.

BIDDER NAME: _____

BASE WORK SCOPE is: Furnishing of all labor, materials, equipment, plant and superintendence for performing all work associated with the demolition of the existing Fire Station metal building and concrete foundation; the construction of the new 60'x101' pre-engineered metal building Fire Station including reinforced concrete foundation, electrical components, wet utility services and plumbing, electric operated sectional doors, interior construction with structural walls / joists and mezzanine floor, HVAC and ventilation systems, and floodproofing components; the installation of the 117 kW diesel engine generator including electrical connections, automatic transfer switch, elevated generator platform and all other necessary items; reinforced concrete apron, curbing, sidewalk with ADA ramp and parking lot, all in accordance with the plans and specifications.

General				
Item	Quantity	Unit	Unit Price	Total Bid Price
1. Furnishing all necessary equipment, materials, and labor for Mobilization, demobilization, insurance, and bonds as per plans and specifications	1	LS		
2. Furnishing all necessary equipment, materials, and labor for all project barricading, all construction fencing and the installation of project signage including but not limited to, all of the CDBG temporary and a permanent acknowledgement sign as per page 02845-1 of the specifications as per plans and specifications	1	LS		
3. Furnishing materials, labor and equipment for implementation, enforcement, and maintenance of all TPDES requirements for duration of project (SWPPP)	1	LS		
Civil				
Item	Quantity	Unit	Unit Price	Total Bid Price
4. Furnishing equipment and labor for the procurement, installation and construction of ALL the items pertaining to the Civil section as defined in the plans and specifications, complete in place.	1	LS		

Structural				
Item	Quantity	Unit	Unit Price	Total Bid Price
5. Furnishing equipment and labor for the procurement, installation and construction of ALL the items pertaining to the Structural section as defined in the plans and specifications, including the procurement, and installation of a pre-engineered metal building complete in place.	1	LS		
Architectural				
Item	Quantity	Unit	Unit Price	Total Bid Price
6. Furnishing equipment and labor for the procurement, installation and construction of ALL the items pertaining to the Architectural section as defined in the plans and specifications complete in place.	1	LS		
Mechanical				
Item	Quantity	Unit	Unit Price	Total Bid Price
7. Furnishing equipment and labor for the procurement, installation and construction of ALL the items pertaining to the Mechanical section as defined in the plans and specifications complete in place.	1	LS		
Electrical (General)				
Item	Quantity	Unit	Unit Price	Total Bid Price
8. Furnishing equipment, materials and labor for the installation of all the facility electrical components on the exterior and interior of the facility that includes, but not limited to wiring, conduits, disconnects, panels, circuits for all electrical equipment including all lighting and fixtures complete in place system as per plans and specifications	1	LS		

Electrical (Generator)				
Item	Quantity	Unit	Unit Price	Total Bid Price
9. Furnishing equipment, materials and labor for a 117-kW diesel engine generator with 220-gallon UL 142 approved fuel tank with transfer switch and wiring including the all components of the Generator Platform, complete in place as per plans and specifications	1	LS		
10. Owners Betterment Allowance / Contingency Allowance			-	\$75,000.00
11. Testing Allowance			-	\$15,000.00
TOTAL BASE BID (ITEMS 1-11)				\$
Proposed Calendar Days				
DEDUCTION(S)				
Item	Quantity	Unit	Unit Price	Total Bid Price
O1.Deduction from Item 4 for the Furnishing equipment and labor for the Demolition, Removal, and Disposal of existing asphalt parking lot (approx. 1,420 SY) and installation of Two-Course Chip Seal Pavement and appropriate earthwork and subgrade and base material prep (approximately 10,100 SF) complete in place as per plans and specifications in lieu of a concrete parking lot (approx. 1,420 SY)	1	LS		
Calendar Days (Plus or Minus)				

*Submission of a bid tab with “Clarifications” or “Exclusions” and/or any other stipulations will not be accepted. It shall be the bidder’s responsibility to provide a complete bid and ask any questions necessary to clarify any bid items or relevant concerns within the questions period.

**The award will be based on the BASE BID with consideration of the Owner’s Options. The Owner reserves the right to determine the most advantageous and best bid for the project.

***The Calhoun County Commissioners Court shall be the sole judge in determining which bid will be the most advantageous to Calhoun County.

DIVISION 15 - MECHANICAL

SECTION 15500 - HEATING, VENTILATING, AND AIR CONDITIONING

.01 SCOPE:

- a. The work covered by these Specifications consists of the furnishing of all supervision, labor, materials and equipment required and necessary for the installation of a complete and functioning Air Conditioning and heating systems, as shown on the accompanying drawings and/or described in these specifications.
- b. It is the intent of these specifications and the accompanying drawings that the Contractor shall furnish and install systems complete in every respect and ready to operated. He shall furnish all miscellaneous items and accessories required for such installation and for the correct and convenient operation of all the systems, whether or not each such item or accessories are shown on the drawings or mentioned in the Specifications.

.02 SHOP DRAWINGS:

The contractor shall submit for approval six copies of a list of equipment and material to be furnished. This list shall itemize all equipment, naming the manufacturer as well as identifying catalog numbers. This list shall be accompanied by a transmittal letter from the contractor correlating the information being submitted to the particular items as designated on the plans and in the specifications, and signed by the Contractor to indicate his approval of items submitted.

.03 GUARANTEES:

In addition to the one year guarantee, certain items of equipment shall be covered by manufacturer's warranty of longer duration.

.04 HEATING AND AIR CONDITIONING SYSTEMS:

The air conditioning systems shall be furnished and installed complete including all miscellaneous items and accessories required for a complete, ready to operate installation. The air conditioning equipment shall be factory assembled electric split systems for cooling and heating and shall be as indicated on the drawings. The air conditioning and heating systems shall be furnished with automatic electronic programmable thermostats to automatically raise and lower temperature at preselected times, LCD display indicating time of day, day of week and room temperature, manual override, having Heat-Cool-Off system switch and fan On-Auto switch. Thermostats shall be low voltage (24 volt) with transformers, relays, etc., provided as required.

.05 DUCTWORK:

- a. Furnish and install a complete system as shown on the drawings.
- b. Duct material unless otherwise noted on the drawings shall be galvanized steel and all metal duct work shall be fabricated and installed in accordance with the requirements outlined in the latest edition of Sheet Metal an Air Conditioning Contractors National Association (SMACNA) Duct Manual.
- c. Provide rectangular ducts constructed of sheet metal in the following minimum gauges:

<u>Largest Dimension</u>	<u>U.S. Gauge</u>
12" and less	No. 26
13" to 30"	No. 24
31" to 54"	No. 22
55" to 84"	No. 20
85" and above	No. 18

- d. All ducts shall be sealed air tight.
- e. Insulate supply ductwork with 3 lbs. density liner and seal with rectaseal, insulate top of grilles with 2" duct wrap, insulate return and exhaust ductwork with 1 1/2 lbs. density liner.
- f. Ducts shall be supported at five (5) foot intervals, or closer where required.
- g. Proper provision shall be made for the installation of ceiling outlets. Provide volume extractors at each supply air outlet. Exact location of all registers, grills or ceiling type outlets shall be verified with the ceiling plan.
- h. Flexible ductwork shall have a insulation value of R-8 minimum and meet the requirements of the 2018 IBC as applicable.

.06 DIFFUSERS AND REGISTER:

- a. Diffusers:
 - 1. General: All diffusers shall be furnished with a sponge rubber gasket to minimize streaking, finished with a white enamel finish.
 - 2. All Diffusers: Shall be equipped and opposed blade dampers.
 - 3. Perforated: Provide adjustable-pattern, aluminum diffusers with white factory finish. Frame the diffuser face with a mitered and welded frame fitted with controllers of adjustable pattern.

4. Dampers: Use ceiling diffusers with opposed blade dampers capable of positively regulating the volume of air extracted from the supply duct.
- b. Return Grilles:
 1. For ceiling return, provide perforated-face type, with white factory finish. Use construction and frame styles as specified for ceiling diffusers, but without pattern controllers.
 2. For wall return, provide a fixed-blade, aluminum grille, essentially sightproof, having curved or angular break, inclined blades. Space the blades at 1/2-inch centers to achieve sightproof feature. Furnish hemmed or fully rounded leading edges. Provide extruded aluminum grille frames with welded and mitered corners. Include mounting gaskets.
- c. Registers:
 1. Supply: Provide double-deflection supply registers with aluminum, vertical face blades and horizontal rear blades. Use integral, key-operated, opposed-blade damper.
 - a. Furnish solid, extruded aluminum blades which are individually adjustable. Space not more than 3/4-inch centers for rear blades and 1/2-inch centers for face blades and not less than 5/8-inch deep.
 - b. Employ grille frames of extruded aluminum with welded and mitered corners and mounting gaskets.
 2. Return and Exhaust: Furnish return and exhaust registers identical to return grilles except for the addition of an integral key-operated, opposed-blade damper.

.07 FANS:

- a. Provide fan type, arrangement, rotation, capacity, size, motor horsepower, and motor voltage as indicated.
- b. Rate fans according to appropriate Air Moving and Conditioning Association, Inc. (AMCA) approved test codes and procedures. Supply fans with sound ratings below the maximums permitted by AMCA standards. All fans provided must be licensed to bear the Certified Rating Seals.
- c. Install fans according to the manufacturer's instructions with necessary backdraft dampers, insect screens and disconnect.

.08 INSULATION:

- a. Refrigerant Suction Piping shall be insulated with 3/4" Armstrong Armaflex 22 or

equal foamed rubber piping insulation. Insulation exposed to the weather shall be protected with two coats of BR 57-68 white flexible coating.

- b. Drain lines shall have 1/2" thickness of Armstrong "Armaflex 22" pipe insulation.

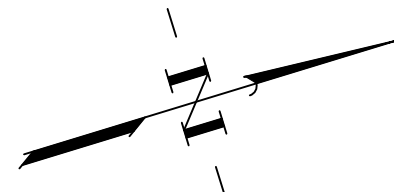
.09 CLEANING:

Upon completion of the work, this Contractor shall thoroughly clean his equipment and systems.

.10 OPERATING INSTRUCTIONS:

This Contractor shall furnish three copies in notebook form of the operating instructions for the entire heating, ventilating and air conditioning system.

END OF SECTION
END OF DIVISION



GENERAL NOTE FOR EXISTING UTILITY LOCATIONS:
 AN ATTEMPT HAS BEEN MADE TO SHOW THE APPROXIMATE UTILITY LOCATIONS. THE LOCATION OF THOSE SHOWN IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE AND PROTECT THE EXISTING UTILITIES, AND IF THEY ARE DAMAGED, HE SHALL REPLACE THEM, AT NO COST TO THE OWNER, AND TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANY. BECAUSE THE EXISTING UTILITIES MUST BE KEPT FUNCTIONAL, IT WILL BE NECESSARY THAT THE CONTRACTOR WORK CLOSELY WITH THE RESPECTIVE UTILITY COMPANY.

WARNING:

- EXISTING UNDERGROUND UTILITIES. LOCATION APPROXIMATE AND DEPTH UNKNOWN. CONTRACTOR TO VERIFY PRIOR TO ANY CONSTRUCTION RELATED ACTIVITIES AND TO NOTIFY ENGINEER OF POTENTIAL CONFLICTS.
- EXISTING WATER METER WITHIN CONSTRUCTION SITE. CONTRACTOR SHALL USE CAUTION AND ADJUST THE HEIGHT AS NECESSARY. CONTRACTOR TO COORDINATE WITH PROPER UTILITY PROVIDER FOR REQUIREMENTS.
- EXISTING OVERHEAD AND/OR UNDERGROUND POWER LINES LOCATED WITHIN THE CONSTRUCTION SITE. CONTRACTOR SHALL USE CAUTION IN THESE AREAS. CONTRACTOR TO COORDINATE WITH PROPER UTILITY PROVIDER FOR REQUIREMENTS AND / OR TEMPORARY RELOCATION.

PAVING KEYED NOTES:

- 6" THICK PARKING LOT CONCRETE PAVEMENT IN ACCORDANCE WITH THE STANDARD DETAIL. 10/C9.2
- 8" THICK DRIVEWAY CONCRETE PAVEMENT IN ACCORDANCE WITH THE STANDARD DETAIL. 10/C9.2
- 4" THICK SIDEWALK CONCRETE PAVEMENT IN ACCORDANCE WITH THE STANDARD DETAIL. 10/C9.1
- PAVEMENT PATCH IN ACCORDANCE WITH THE STANDARD DETAIL. 2/C9.2
- REINFORCED CONCRETE CURB & GUTTER IN ACCORDANCE WITH THE STANDARD DETAIL. 12/C9.2
- TRANSITION CURBING IN ACCORDANCE WITH THE STANDARD DETAIL. 8/C9.2 & 13-14/C9.1
- ADA COMPLIANT SIDEWALK RAMP IN ACCORDANCE WITH THE STANDARD DETAIL. 9/C9.3
- ROLL CURB IN ACCORDANCE TO STANDARD DETAIL 8/9.2
- MAGNOLIA BEACH VOLUNTEER FIRE DEPARTMENT SIGN FOUNDATION IN ACCORDANCE WITH THE STANDARD DETAIL. 6/C9.3, 7/C9.3, 8/C9.3
- FLORTAM GRASS SOD.
- PROPOSED TREES SHALL BE TEDDY BEAR OR LITTLE GEM MAGNOLIA TREES AND BE SIZED 45-60 GALLON IN SIZE OR APPROVED EQUAL
- ALUMINUM FLAG POLE, 25' EXTERNAL HALYARD FLAGPOLE W/ COLLAR (ECS25) SKU:7349FC-POLE-AL-EXT-25FT-ECS25 MANUFACTURED BY FLAGS.COM OR APPROVED EQUAL. SEE DETAIL 9/C9.1 FOR FOUNDATION DETAIL. FINAL LOCATION SHALL BE FIELD LOCATED DUE TO UTILITIES BOTH ABOVE AND BELOW GROUND AND COORDINATED WITH OWNER.

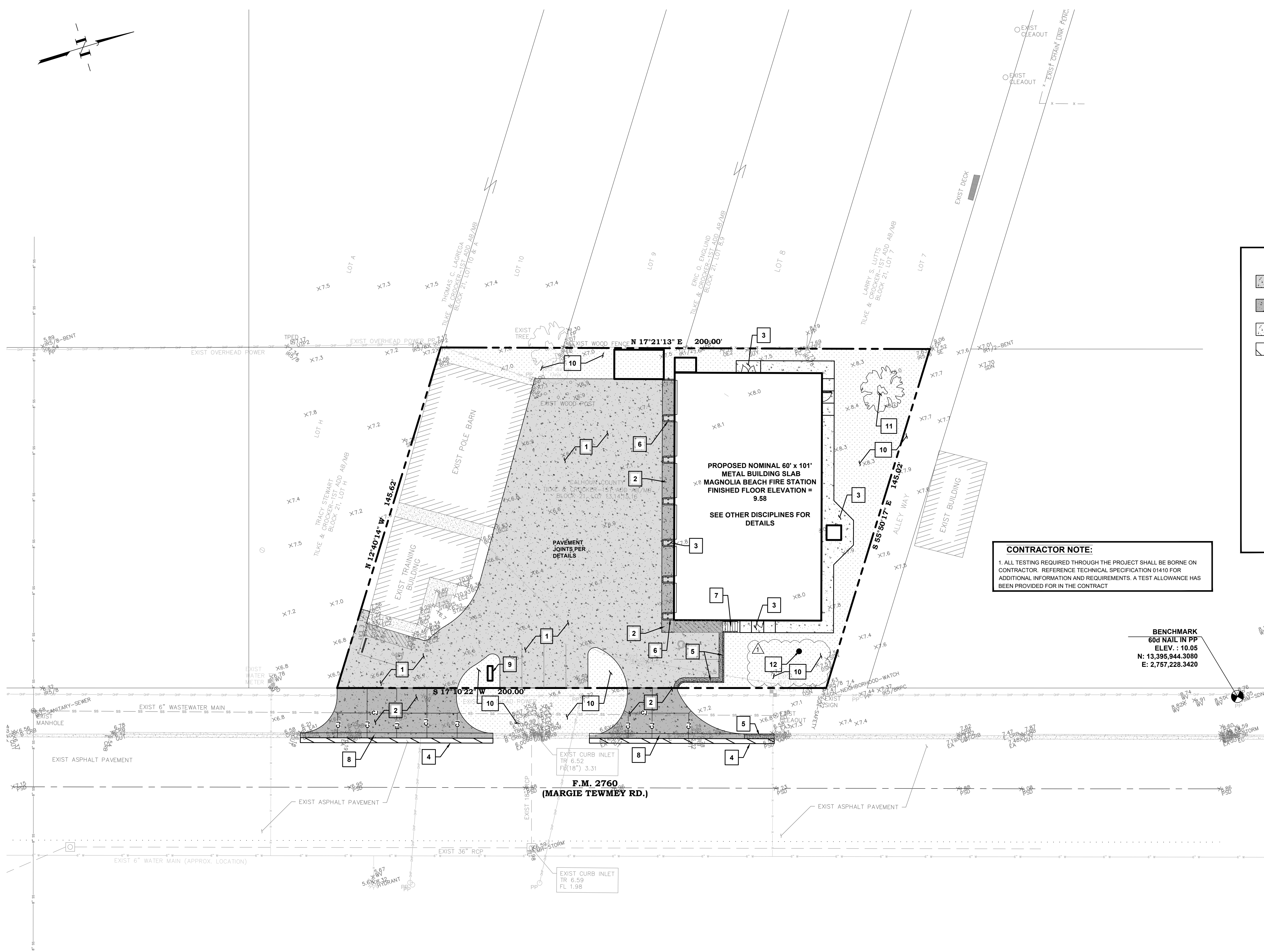
CONTRACTOR NOTE:

- ALL TESTING REQUIRED THROUGH THE PROJECT SHALL BE BORNE ON CONTRACTOR. REFERENCE TECHNICAL SPECIFICATION 01410 FOR ADDITIONAL INFORMATION AND REQUIREMENTS. A TEST ALLOWANCE HAS BEEN PROVIDED FOR IN THE CONTRACT

LEGEND

-- EJ -- EXPANSION JOINT
 --- CJ --- CONTRACTION JOINT

BENCHMARK
 60d NAIL IN PP
 ELEV. : 10.05
 N: 13,395,944.3080
 E: 2,757,228.3420



F.M. 2760
(MARGIE TEWMEY RD.)

SPM	BY	CHK.
ZLR	REBID ADDENDUM NO 2	
ZLR	FOR BIDDING	
REV.	DATE	DESCRIPTION
△		
△		
△		
△	07/06/26	REBID ADDENDUM NO 2
△	10/29/25	FOR BIDDING

Texas Registered Engineering Firm F-04188
G & W ENGINEERS, INC.
 ENGINEERING SURVEYING PLANNING
 205 W. Live Oak St. Fort Lavaca, Texas 77979 (361)562-4509
 1801 7th St., Suite 260 Bay City Texas 77414 (979) 323-7100

MAGNOLIA BEACH FIRE STATION
CALHOUN COUNTY, TEXAS
GLO-CDBG-MIT-MOD
CIVIL DRAWINGS
PAVING PLAN

PROJECT NO.
5310.022B
 SCALE: SPM
 DWN. BY: SPM
 CHK. BY: SPM
 DATE: 10/29/25
 SHT. NO. C5

PAVING PLAN
 SCALE: 1" = 20' C5

