

SUBMIT BID TO:
PROCUREMENT SERVICES
UNIVERSITY OF FLORIDA
971 ELMORE DRIVE
PO BOX 115250
GAINESVILLE, FL 32611

Phone: (352) 392-1331 - FAX: (352) 392-8837

Web Address: <https://procurement.ufl.edu/>

UF UNIVERSITY of FLORIDA
INVITATION TO BID
Construction
Acknowledgment Form

Page 1 of 22 pages		BID WILL BE OPENED: July 28, 2022 at 3:00 PM local time and may not be withdrawn within 45 days after such date and time. Mandatory Pre-bid: July 14, 2022 at 9:00 AM local time.		BID NO.: ITB23KO-102	
DATE: 6/30/2022		PROCUREMENT AGENT: KO		BID TITLE: Pre-engineered Metal Building at IFAS Dairy Unit in Hague, FL	
VENDOR NAME					
VENDOR MAILING ADDRESS		REASON FOR NOT SUBMITTING BID			
CITY - STATE - ZIP CODE		POSTING OF BID TABULATIONS			
AREA CODE	TELEPHONE NO.	Bid tabulations with intended award(s) will be posted electronically for review by interested parties at https://procurement.ufl.edu/ and will remain posted for a period of 72 hours excluding Saturdays, Sundays, or state holidays. Failure to file a protest in accordance with Board of Governors (BOG) Regulation 18.002 or failure to post the bond or other security as required in the BOG regulations 18.002 and 18.003(3), shall constitute a waiver of protest proceedings.			
	FAX NO.				
	WEB ADDRESS				
	EMAIL ADDRESS				

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a bid 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 bid and certify that I am authorized to sign this bid for the vendor and that the vendor is in compliance with all the requirements of the Invitation to Bid, including but not limited to, certification requirements. In submitting a bid on behalf of the Board of Trustees, hereinafter known as the University, the vendor offers and agrees that if the bid is accepted the vendor will convey, sell, assign, or transfer to the University 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 University for price fixing relating to the particular commodities or services purchased or acquired by the University. At the University's discretion, such assignment shall be made and become effective at the time the purchasing agency tenders final payment to the vendor.

AUTHORIZED SIGNATURE (MANUAL)

NAME AND TITLE (TYPED)

GENERAL CONDITIONS

SEALED BIDS: All bid sheets and this form must be executed and submitted in a sealed envelope. (DO NOT INCLUDE MORE THAN ONE BID PER ENVELOPE.) The face of the envelope shall contain, in addition to the above address, the date, and time of the bid opening and the bid number. Bids not submitted on the attached bid form shall be rejected. All bids are subject to the conditions specified herein. Those which do not comply with these conditions are subject to rejection.

1. **EXECUTION OF BID:** Bid must contain an original manual signature of authorized representative in the space provided above. Bid must be typed or printed in ink. Use of erasable ink is not permitted. All corrections to prices made by vendor must be initialed.

2. **NO BID:** If not submitting a bid, respond by returning only this vendor acknowledgment form, marking it "NO BID", and explain the reason in the space provided above. Failure to respond to a procurement solicitation without giving justifiable reason for such failure, nonconformance to contract conditions, or other pertinent factors deemed reasonable and valid shall be cause for removal of the supplier's name from the bid mailing list. NOTE: To qualify as a respondent, vendor must submit a "NO BID", and it must be received no later than the stated bid opening date and hour.

3. **BID OPENING:** Shall be public, on the date, location and the time specified on the bid form. It is the vendor's responsibility to assure that the bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so delivered will not be considered. A bid may not be altered after opening of the bids. NOTE: Bid tabulations will be posted electronically at <https://procurement.ufl.edu/>. Bid tabulations will not be provided by telephone.

4. **PRICES, TERMS AND PAYMENT:** Firm prices shall be bid and will include all packing, handling, shipping charges, and delivery to the destination shown herein.

(a) **TAXES:** The University does not pay Federal Excise and Sales taxes on direct purchases of tangible personal property or services. The Florida Tax Exempt Number is 11-06-024056-57C. This exemption does not apply to purchases of tangible personal property or services made by vendors who use the tangible personal property or services in the performance of contracts for the improvement of University-owned real property as defined in Chapter 192, F.S.

(b) **DISCOUNTS:** Vendors are encouraged to reflect trade discounts in the unit prices quoted; however, vendors may offer a discount for prompt payment. Prompt payment discounts will not be considered in the bid award. However, every effort will be made to take the discount within the time offered.

(c) **MISTAKES:** Vendors are expected to examine the specifications, delivery schedule, bid prices, extensions, and all instructions pertaining to supplies and services. Failure to do so will be at vendor's risk. In case of a mistake in extensions the unit price will govern.

(d) **INVOICING AND PAYMENT:** Payment will be made by the University of Florida after the items awarded to a vendor have been received, inspected, and found to comply with award specifications, free of damage or defect and properly invoiced. All invoices shall bear the purchase order number. Payment for partial shipments shall not be made unless specified. An original invoice shall be submitted. Failure to follow these instructions may result in delay in processing invoices for payment. Payment shall be made in accordance with Section 215.422 (1) (2) F.S. VENDOR OMBUDSMAN: The University's vendor ombudsman, whose duties include acting as an advocate for vendors may be experiencing problems in obtaining payment from the University, may be contacted at 352-392-1241.

(e) **ANNUAL APPROPRIATIONS:** The University's performance and obligation to pay under any contract awarded is contingent upon an annual appropriation by the Legislature.

(f) **CONDITION AND PACKAGING:** It is understood and agreed that any item offered or shipped as a result of this bid shall be a new, current standard production model available at the time of this bid. All containers shall be suitable for storage or shipment, and all prices shall include standard commercial packaging.

(g) **SAFETY STANDARDS:** Unless otherwise stipulated in the bid, all manufactured items and fabricated assemblies shall comply with applicable requirements of Occupational Safety and Health Act and any standards hereunder.

5. **CONFLICT OF INTEREST:** The award hereunder is subject to the provisions of Chapter 112, F.S. All vendors must disclose with their bid the name of any officer, director, or agent who is also an employee of the University of Florida. Further, all vendors must disclose the name of any University employee who owns, directly or indirectly, an interest of five percent (5%) or more in the vendor's firm or any of its branches.

6. **AWARDS:** As the best interest of the University may require, the right is reserved to make award(s) by individual item, group of items, all or none or a combination thereof; to reject any and all bids or waive any minor irregularity or technicality in bids received. When it is determined there is no competition to the lowest responsible vendor, evaluation of other bids are not required. Vendors are cautioned to make no assumptions unless their bid has been evaluated as being responsive.

7. INTERPRETATIONS/DISPUTES: Any questions concerning conditions or specifications shall be directed in writing to Procurement Services. Inquiries must reference the date of bid opening and bid number. No interpretations shall be considered binding unless provided in writing by the University in response to requests in full compliance with this provision.

8. NOTICE OF BID PROTEST BONDING REQUIREMENT: Any person or entity who files an action protesting a decision or an intended decision pertaining to a competitive solicitation shall at the time of filing the formal protest, post with the University a bond payable to the University in an amount equal to: 10% of the estimated value of the protestor's bid or proposal; 10% of the estimated expenditure during the contract term; \$10,000.00; or whichever is less. The bond shall be conditioned upon the payment of all costs which may be adjudged against the person or entity filing the protest action. In lieu of a bond, the University may accept a cashier's check, bank official check or money order in the amount of the bond. **FAILURE OF THE PROTESTING PERSON OR ENTITY TO FILE THE REQUIRED BOND, CASHIER'S CHECK, BANK OFFICIAL CHECK OR MONEY ORDER AT THE TIME OF THE FILING THE FORMAL PROTEST SHALL RESULT IN DENIAL OF THE PROTEST.**

9. GOVERNMENTAL RESTRICTIONS: In the event any governmental restrictions may be imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered in this bid prior to their delivery, it shall be the responsibility of the successful vendor to notify the purchaser at once, indicating in writing the specific regulation which requires an alteration. The University reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel the contract at no expense to the University.

10. LEGAL REQUIREMENTS: Applicable provision of all Federal, State, county and local laws, and of all ordinances, rules and regulations shall govern development, submittal and evaluation of all bids received in response hereto and shall govern any and all claims and disputes which may arise between person(s) submitting a bid response hereto and the University, by and through its officers, employees and authorized representatives, or any other person, natural or otherwise; and lack of knowledge by any vendor shall not constitute a cognizable defense against the legal effect thereof.

11. LOBBYING: Vendor is prohibited from using funds provided under any contract or purchase order for the purpose of lobbying the Legislature or any official, officer, commission, board, authority, council, committee, or department of the executive branch or the judicial branch of state government.

12. ADVERTISING: In submitting a bid, the vendor agrees not to use the results therefrom as a part of any commercial advertising. Vendor may not use the names, logos, or trademarks of the University, its employees, or affiliates without the prior written consent of the University.

13. ASSIGNMENT: Any contract or purchase order issued pursuant to this Invitation to Bid and the monies which may become due hereunder are not assignable except with the prior written approval of the purchaser.

14. LIABILITY: The vendor agrees to indemnify and save the University of Florida, the State of Florida and the Florida Board of Governors, their officers, agents, and employees harmless from any and all judgments, orders, awards, costs and expenses, including attorney's fees, and also all claims on account of damages to property, including loss of use thereof, or bodily injury (including death) which may be hereafter sustained by the vendor, its employees, its subcontractors, or the University of Florida, the State of Florida and the Florida Board of Governors, their officers, agents, or employees, or third persons, arising out of or in connection with any contract awarded and which are the result of the vendor's breach of contract or of the negligent acts of the vendor, its officers, agents, and employees. This clause does not apply to contracts between government agencies.

15. FACILITIES: The University reserves the right to inspect the vendor's facilities at any time with prior notice.

16. ADDITIONAL QUANTITIES: For a period not exceeding ninety (90) days from the date of acceptance of any offer by the University of Florida, the right is reserved to acquire additional quantities up to but not exceeding those shown on bid or the bid level at the prices bid in this invitation. If additional quantities are not acceptable, the bid sheets must be noted "BID IS FOR SPECIFIED QUANTITY ONLY".

17. SERVICE AND WARRANTY: Unless otherwise specified, the vendor shall define any warranty service and replacements that will be provided during and subsequent to this contract. Vendors must explain on an attached sheet to what extent warranty and service facilities are provided.

18. SAMPLES: Samples of items, when called for, must be furnished free of expense, on or before bid opening time and date, and if not destroyed, may upon request, be returned at the vendor's expense. Each individual sample must be labeled with vendor's name, manufacturer's brand name and number, bid number and item reference. Request for return of samples shall be accompanied by instructions which include shipping authorization and name of carrier and must be received with the bid. If instructions are not received within this time, the commodities shall be disposed of by the University.

19. INSPECTION, ACCEPTANCE AND TITLE: Inspection and acceptance will be at destination unless otherwise provided. Title and risk of loss or damage of all items shall be the responsibility of the contract supplier until accepted by the University, unless loss or damage results from negligence by the University. The contract supplier shall be responsible for filing, processing and collecting all damage claims. However, to assist him in the expeditious handling of damage claims, the University will:

- (a) Record any evidence of visible damage on all copies of the delivering carrier's Bill of Lading.

- (b) Report damage (Visible or Concealed) to the carrier and contract supplier confirming such reports in writing within 15 days of delivery, requesting that the carrier inspect the damaged merchandise.
- (c) Retain the item and its shipping container, including inner packing material until inspection is performed by the carrier, and disposition given by the contract supplier.
- (d) Provide the contract supplier with a copy of the carrier's Bill of Lading and damage inspection report.

20. PATENTS, COPYRIGHTS, TRADEMARKS, ROYALTIES and other Intellectual Property: The vendor, without exception, shall indemnify and save harmless the University and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented, or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by the University of Florida. If the vendor uses any design, device, or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the bid prices shall include all royalties or costs arising from the use of such design, device, or materials in any way involved in the work.

21. CONFLICT BETWEEN DOCUMENTS: If any terms and conditions contained within the documents that are a part of this ITB or resulting contract are in conflict with any other terms and conditions contained therein, then the various documents comprising this ITB or resulting contract, as applicable, shall govern in the following order of precedence: change order, purchase order, addenda, special conditions, general conditions, specifications, departmental description of work, and bid.

22. MANUFACTURERS' NAMES AND APPROVED EQUIVALENTS: Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. If bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Vendor shall submit with the bid, cuts, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous bid will not satisfy this provision. The vendor shall also explain in detail the reasons why the proposed equivalent will meet the specifications and not be considered an exception thereto. The University of Florida reserves the right to determine acceptance of item(s) as an approved equivalent. Bids which do not comply with these requirements are subject to rejection. Bids lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the bid form.

23. NONCONFORMANCE TO CONTRACT CONDITIONS: Items may be tested and/or inspected for compliance with specifications by any appropriate testing facilities. Should the items fail, the University may require the vendor to reimburse the University for costs incurred by the University in connection with the examination or testing. The data derived from any tests for compliance with specifications are public records and open to examination thereto in accordance with Chapter 119, F.S. Items delivered not conforming to specifications may be rejected and returned at vendor's expense. These items and items not delivered as per delivery data in bid and/or purchase order may result in vendor being found in default in which event any and all reprourement costs may be charged against the defaulting vendor. Any violation of these conditions may also result in the vendor's name being removed from the University of Florida's vendor file.

24. PUBLIC RECORDS: Any material submitted in response to this Invitation to Bid will become a public document pursuant to Section 119.07 F.S. This includes material which the responding vendor might consider to be confidential or a trade secret. Any claim of confidentiality is waived upon submission, effective after opening pursuant to Section 119.07 F.S.

25. DELIVERY: Unless actual date of delivery is specified (or if specified delivery cannot be met), show number of days required to make delivery after receipt of purchase order in space provided. Delivery time may become a basis for making an award (see Special Conditions). Delivery shall be within the normal working hours of the University of Florida, Monday through Friday, unless otherwise specified.

26. PUBLIC PRINTING - PREFERENCE GIVEN PRINTING WITHIN THE STATE: The University of Florida shall give preference to vendors located within the state when awarding contracts to have materials printed, whenever such printing can be done at no greater expense than, and at a level of quality comparable to, that obtainable from a vendor located outside of the state.

- (a) **CONTRACTS NOT TO BE SUBLET:** In accordance with Class B Printing Laws and Regulations "Printing shall be awarded only to printing firms. No contract shall be awarded to any broker, agent, or independent contractor offering printing manufactured by other firms or persons."
- (b) **DISQUALIFICATION OF VENDOR:** Reasonable grounds for believing that a vendor is involved in more than one bid for the same work will be cause for rejection of all bids in which such vendors are believed to be involved. Any or all bids will be rejected if there is reason to believe that collusion exists between vendors. Bids in which the prices obviously are unbalanced will be subject to rejection.
- (c) **TRADE CUSTOMS:** Current trade customs of the printing industry are recognized unless accepted by Special Conditions or Specifications herein.
- (d) **COMMUNICATIONS:** It is expected that all materials and proofs will be picked up and delivered by the printer or his representative, unless otherwise specified. Upon request, materials will be forwarded by registered mail.
- (e) **RETURN OF MATERIAL:** All copy, photos, artwork, and other materials supplied by the University of Florida must be handled carefully and returned in good condition upon completion of the job. Such return is a condition of the contract and payment will not be made until return is affected.

27. E-VERIFY COMPLIANCE. Agency is obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility." Compliance with Section 448.095, Fla. Stat., includes, but is not limited to, utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Vendor affirms and represents that it is registered with the E-Verify system and is using same, and will continue to use same as required by Section 448.095, Fla. Statute.

END OF SECTION

NOTE: ANY AND ALL SPECIAL CONDITIONS AND SPECIFICATIONS ATTACHED HERETO WHICH VARY FROM THE GENERAL CONDITIONS SHALL HAVE PRECEDENCE.

Bid Number: ITB23KO-102

**Title: Pre-engineered Metal Building at
IFAS Dairy Unit in Hague, FL**



AUTHORIZED REPRESENTATIVE**UF PROCUREMENT SERVICES:**

Karen Olitsky
 971 Elmore Drive / PO Box 115250
 Gainesville, FL 32611-5250
 (352) 294-1163
kolitsk@ufl.edu

NON-TECHNICAL SPECIFICATIONS TABLE OF CONTENTS**I. Bidding Conditions**

00020 Invitation to Bid
 00100 Instruction to Bidders
 00310 Bid Form
 00430 List of Subcontractors

II. General Terms and Conditions

<https://facilities.ufl.edu/wp-content/uploads/forms/contracts/GTC.pdf>

III. Division 0 Non-Technical Specifications

<https://facilities.ufl.edu/wp-content/uploads/forms/contracts/Div0NonTechSpecs.pdf>

IV. Division 1 Non-Technical Specifications

https://facilities.ufl.edu/wp-content/uploads/forms/contracts/Div1_NonTech_Specs_SEPT_2020.pdf

V. UF Design and Construction Standards

<https://facilities.ufl.edu/projects/forms-standards/design-construction-standards/>

VI. Standards, Policies, Regulations, Forms, Guides, Inspection & Closeout and References

<https://facilities.ufl.edu/projects/forms-standards/>

a. Other Forms

- Dig Permits: <https://www.facilitieservices.ufl.edu/departments/utilities/dig-permits/>
- Building Codes Enforcement Inspections: <https://www.ehs.ufl.edu/departments/facility-support-services/building-codes-enforcement/inspections/>
- Fire Plan Review and Inspection: <https://www.ehs.ufl.edu/departments/facility-support-services/fire-safety/>

00020 - INVITATION TO BID

The Invitation to Bid shall be in accordance with the University of Florida, Procurement Services "Invitation to Bid Acknowledgement Form" with all relevant information provided therein.

END OF SECTION

00100 - INSTRUCTIONS TO BIDDERS

1.1 RELATED SECTIONS

- A. Documents affecting the work of this Section include, but are not necessarily limited to, the General Terms & Conditions and other Sections in Divisions 0 and 1 of these Specifications.

1.2 THE WORK

PROJECT TITLE: Pre-engineered Metal Building at IFAS Dairy Unit in Hague, FL

1.3 SECURING DOCUMENTS

Copies of the Bid Documents may be obtained from: <https://procurement.ufl.edu/vendors/schedule-of-bids/>

1.4 BID FORM

To be considered responsive and responsible, make bids in accordance with the following:

- A. Make bids upon the forms provided, properly signed and with all items completed. Do not change the wording of the bid form and do not otherwise alter or add words to the bid form. Unauthorized conditions, limitations, or provisions attached to the bid may be cause for rejection of the bid.
- B. Include with bid a completed and signed Invitation to Bid Construction Acknowledgment Form.
- C. Include completed Section 00310 - Bid Form.
- D. Include list of subcontractors as described below in 1.7 Subcontracts.
- E. **Bids must be submitted no later than July 28, 2022 at 3:00 PM, local time.** No bids received after the time fixed for receiving them will be considered. Late bids will be returned to the bidder unopened.
- F. Address bids to Karen Olitsky, Procurement Agent III, and deliver to:

University of Florida
Procurement Services
971 Elmore Drive / PO Box 115250
Gainesville, FL 32611-5250

Submit bid in a sealed envelope that includes the bid number, contractor name and date and time of the bid opening on the outside of the envelope. Submit one (1) original bid and one (1) electronic copy on flash drive or CD/DVD. It is the sole responsibility of the bidder to see that bids are received on time. Faxed and/or emailed bids will not be accepted.

1.5 WITHDRAWAL OF BIDS

- A. A bidder may withdraw their bid, either personally or by written request, at any time prior to the scheduled time for opening bids.
- B. No bidder may withdraw their bid for a period of forty-five calendar days after the date set for opening thereof, and bids shall be subject to acceptance by the Owner during this period.

1.6 PROOF OF COMPETENCY AND QUALIFICATION OF BIDDERS

- A. A bidder may be required to furnish evidence, satisfactory to the Owner, that the bidder and the bidder's proposed subcontractors have sufficient means and experience in the types of work required to assure completion of the Contract in a satisfactory manner.
- B. A contract will be awarded only to a responsible bidder, qualified by experience and in a financial position to perform the work specified.
- C. If the bidder has not been pre-qualified with UF Procurement Services within the fiscal year (July 1 through June 30), the bidder may be required to submit the following evidence of eligibility:
 - 1. Evidence that bidder is licensed by the appropriate government agency to perform the work specified.
 - 2. Experience record showing bidder's training and experience in similar work.
 - 3. List a brief description of projects of similar size and/or complexity satisfactorily completed, with location, dates of contracts, names of contracts, and names and addresses of owners.

1.7 SUBCONTRACTS

If the Bidder intends to subcontract any of the Work:

- A. Each bidder shall furnish with its bid a list of all subcontractors for subcontracted scopes/packages of work valued at more than \$10,000.
- B. This list shall identify, for each subcontracted package in excess of \$10,000, the name and address of the proposed subcontractor and the approximate value of the subcontract.
- C. If the bidder does not intend to subcontract portions of the Work in amounts greater than \$10,000, then a statement to that effect shall be furnished with the bid.
- D. Each subcontractor performing work more than \$10,000 must present evidence of being qualified in and licensed for the applicable trade. Such proof of subcontractor licensure shall be provided by the successful bidder after award, but prior to commencement of Work.

1.8 PERFORMANCE AND PAYMENT BONDS

See General Terms & Conditions, Article 20.

1.9 BID DEPOSIT

Not required.

1.10 AWARD OR REJECTION OF BIDS

The Contract, if awarded, will be awarded to the responsible and responsive bidder who has proposed the lowest Contract Sum, subject to the owner's right to reject any or all bids and to waive informality and irregularity in the bids and in the bidding. Alternates may be accepted in any order or not at all. Acceptance or rejection of any bid will be at the owner's sole discretion.

1.11 MANDATORY PRE-BID CONFERENCE:

A mandatory pre-bid conference will be held prior to the scheduled bid opening for the purpose of considering questions posed by bidders. The conference is open to interested bidders, prospective subcontractors, and any other interested parties. This conference will be held **July 14, 2022 at 9:00 AM, local time at the IFAS Dairy Unit, 13200 NW 59th Drive, Gainesville, FL 32653.**

1.12 EXECUTION OF AGREEMENT

- A. A Purchase Order (PO) will be issued for purposes of fiscal encumbrance and payment. The PO itself serves as the form of contract.
- B. Upon notice of Bid Award, the bidder to whom the Contract is awarded shall deliver to UF those Certificates of Insurance and Payment & Performance Bonds required by the Contract Documents.
- C. Bonds and Certificates of Insurance shall be approved by UF before the successful bidder may proceed with the Work.

1.13 INTERPRETATION OF CONTRACT DOCUMENTS PRIOR TO BIDDING

- A. If any person contemplating submitting a bid for construction of the Work is in doubt as to the true meaning of any part of the Contract Documents, or finds discrepancies in or omissions from any part of the Contract Documents, they may submit a written request for interpretation thereof no later than **July 19, 2022 at 5:00PM**, local time, to Karen Olitsky, Procurement Agent III at kolitsk@ufl.edu. The person submitting the request shall be responsible for its prompt delivery.
- B. Interpretations or corrections of proposed Contract Documents will be made only by Addendum and will be available on the Procurement Services "Schedule of Bids" webpage <https://procurement.ufl.edu/vendors/schedule-of-bids/>. The Owner will not be responsible for any other explanations or interpretations of the proposed Contract Documents.

1.14 TIME OF COMPLETION:

- A. Successful Bidder hereby agrees that Work required by this Contract shall be commenced within ten (10) calendar days after issuance date of written Notice to Proceed; that all insurance and permits will be obtained; that all documents and notices will be filed; that all requirements as specified will be met; and that Work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as will insure Substantial Completion of entire Project by November 18, 2022, and shall be finally completed no later than December 9, 2022.

END OF SECTION

00310 - BID FORMS**BID PROPOSAL**

FROM:

(Name of Bidder)

TO:

UNIVERSITY OF FLORIDA
 PROCUREMENT SERVICES
 971 Elmore Drive
 P.O. Box 115250
 Gainesville, Florida 32611-5250

The undersigned, hereinafter called "Bidder", having reviewed the Contract Documents for the Project entitled **ITB23KO-102 Pre-engineered Metal Building at IFAS Dairy Unit in Hague, FL** and having visited and thoroughly inspected the site of the proposed Project and familiarized himself/herself with all conditions affecting and governing the construction of said Project, hereby proposes to furnish all labor, materials, equipment and other items, facilities and services for the proper execution and completion of the Project, in strict compliance with the Contract Documents, Addenda, and all other Documents relating thereto on file in Procurement Services, and, if awarded the Contract, to complete the said Work within the time limits called for in the Documents and as stated herein, for the sums as enumerated on this and the following pages:

BASE BID:

_____ Dollars

Figures: \$ _____

ADDITIVE ALTERNATE ONE:

_____ Dollars

Figures: \$ _____

ADDENDA:

Receipt of the following Addenda to the Construction Documents is acknowledged:

ADDENDUM # _____ Dated _____

ADDENDUM # _____ Dated _____

COMPLETION DATE:

All Work covered by the Bidding Documents and the foregoing Base Bid shall be completed and ready for Owner's occupancy as specified in the contract documents.

SIGNATURE:

I hereby certify that for all statements and amounts herein made on behalf of

(Name of Bidder)

a (Corporation) (Partnership) (Individual) organized and existing under the laws of the State of Florida, I have carefully prepared this Bid Proposal from Contract Documents described hereinbefore, I have examined Contract Documents and local conditions affecting execution of Work before submitting this Bid Proposal, I have full authority to make the statements and commitment herein and submit this Bid Proposal in (its) (their) behalf, and all statements are true and correct.

Signed and sealed this _____ day of _____, 2022.

(Signature of Bidder)

(Print Name)

(Title)

WITNESS:

(Signature of Witness)

(Print Name)

Address: _____

(City)

(State)

(Zip Code)

END OF SECTION

CONSTRUCTION SPECIFICATION PRE-ENGINEERED METAL BUILDING

SECTION 1 - GENERAL

1.1 SCOPE

The work included in this section includes furnishing all labor, materials, and equipment necessary for the design, fabrication, delivery, and erection of the pre-engineered galvanized metal building, as shown on the drawings and described herein.

1.2 STANDARDS

All work shall be done in accordance with the latest Metal Building Manufacturer's Association (MBMA) "Design Practices Manual" and "Code of Standard Practices".

1.3 ACCEPTABLE MANUFACTURERS/SUPPLIERS

Dean Steel Buildings Inc., Nisly Steel LLC., Prime Building Components, Southern Structures Inc., or approved equal.

1.4 SUBSTITUTIONS

- A. Names of manufacturers or catalog numbers are mentioned in the plans and specifications to establish a standard of design and quality. Other products similar in design and of equal or better quality may be used if submitted to the Owner's Representative and found acceptable by him. Refer to General Conditions for additional information.
- B. Where alternate equipment manufacturers named as acceptable are proposed for use by the Contractor, he shall be responsible to coordinate the change with all trades affected.

1.5 SUBMITTALS

- A. Prior to fabrication and erection of the metal building, the Contractor shall submit to the Owner for approval a Structural Analysis including stresses and design data on each building structural member signed and stamped by a professional engineer registered in the State of Florida.
- B. Drawings composed of roof and wall erection plans and section plans through the building shall be furnished by the metal building system manufacturer for approval. These drawings shall include the building size, design loads, type of construction, material, and gauge of covering and the type, quantity, and location of accessories.
- C. An anchor bolt setting plan containing horizontal and vertical column reactions shall be furnished in duplicate by the metal building system manufacturer and will be used to determine the exact dimensions for forming the foundation and setting the anchor bolts by others. **DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS ARE NOMINAL AND SHALL NOT BE USED FOR CONCRETE FORMING.**
- D. Final erection plans shall be furnished by the metal building manufacturer to the Owner's Representative once all drawings have been approved.

1.6 DESIGN REQUIREMENTS

- A. The building shall be designed by the manufacturer as a complete system. All components shall be supplied or specified by the same manufacturer.
- B. The metal building shall be designed to the latest adopted edition of the Florida Building Code for Alachua County, Florida. Provisions of shape factors for overhangs and open sides shall be considered in the design loads.

1.7 PROTECTION OF CONSTRUCTION MATERIALS

All materials shall be stored or protected on the site in such a manner that deterioration of building materials or damage to protective coatings shall not result.

SECTION 2 – PRODUCTS

2.1 BUILDING DESCRIPTION

- A. The **Pre-engineered calf barn shell** shall be a pre-engineered metal building as shown on the drawings with the following requirements:
 - 1) Overall nominal length: 220ft
 - 2) Nominal width: 60ft (outside-to-outside of columns);
 - 3) 4:12 double-slope roof slope;
 - 4) Four (4) 25 ft bays; four (4) 30ft bays; all clear-span as shown on drawings
 - 5) 15ft eave height at column line;
 - 6) Endwall frames to be same as inner frames to facilitate future expansion;
 - 7) All column bases to sit on top of concrete footings
 - 8) Both endwalls to be open with closed gables;
 - 9) All bays shall have open sides;
 - 10) **Additive Alternate No. 1:** sidewall gutters and downspouts on both sidewalls;
 - 11) All sidewalls and endwalls to have 6ft overhangs as shown on the drawings
 - 12) Building to be installed on 1.0% slope along entire length with vertical columns
 - 13) Furnish 12” wide continuous ridge ventilator as shown on drawings
 - 14) Install diagonal-rod or cable wind bracing on all sidewalls as required by design;
 - 15) Hot-dip galvanized primary steel frames;
 - 16) Zinc-aluminum (Galvalume) purlins and secondary framing;
 - 17) Stainless steel roof panel fasteners (Atlas Ultra-Z 410 drilling fasteners or equal);
 - 18) Metal Roof Panels shall be pre-painted 26-gauge Zinc-aluminum (Galvalume) sheets;
 - 19) All roof sheet end lap sealants should be omitted

2.2 MATERIALS

A. Structural Framing

Primary and secondary structural members shall be shop fabricated and field bolted. Some standard and nonstandard components and accessories of a metal building system such as field-located openings, special framing, covering panels, flashing, trim, etc., require minor field fabrication and fitting which shall be included in erection work.

1. The following materials shall conform to minimum strength required by design:
 - a) Hot rolled sheet and plate for welded primary structural members.
 - b) Hot rolled sheet for cold formed secondary structural members.
 - c) Tubing and hot rolled sections for miscellaneous framing.
2. The minimum thicknesses of materials used shall conform to MBMA "Design Practices Manual".
3. Cold-formed sections shall be manufactured by roll or brake forming.
4. Shop connections shall be welded in accordance with the "Structural Welding Code" of the American Welding Society.
5. Field connections shall be bolted. High strength bolts shall be tightened by the turn-of-the-nut method. Bolts shall be:
 - a) Primary connections--high strength bolts ASTM A-325.
 - b) Secondary connections--machine bolts ASTM A-307.
6. Interior primary structural members shall be either welded sections or structural mill shapes, either constant or tapered section.
7. Endwall structural members shall be a full primary frame, the same as an interior frame, and capable of carrying full bay loading and shall be either cold formed, structural mill shapes or welded section.
8. Secondary structural members such as purlins, girts and eave struts shall be either cold formed, structural mill shapes or bar joist.
9. Wind bracing shall consist of diagonal rod or angle bracing in both roof and walls. Unless otherwise specified, diagonal portal bracing may be used in the interior and exterior column lines (where applicable). Where the diaphragm action of the covering panels provides the required wind bracing, wind bracing need not be furnished. If required in the drawings, frames shall be used for diagonal wall bracing.
11. Flange bracing shall be cold formed and shall laterally brace the inside flange of primary structural members as required by the design.
 Base angles for attaching the bottom of the wall panels will be continuous and anchored to the concrete foundation.
12. Framed openings (where applicable) shall be structural frames as required by the design loads.

13. Shop painting shall be such that all structural members, not fabricated of corrosion resistant material nor protected by a corrosion resistant coating shall be cleaned of loose rust, loose mill scale and receive one (1) shop coat of oxide metal primer.

B. Roof and Wall Covering

1. The roof and wall covering shall be pre-painted 26 gauge zinc-aluminum alloy (Galvalume) sheets. The sheets shall conform to the strength required by design.
2. The panels shall have a 1-1/4" deep tapered major ribs spaced 12" on centers. One (1) minor stiffening rib shall be centered between the major ribs. Each panel shall provide 36" net coverage. All panels shall have an anti-capillary groove in the lapped edge or other approved anti-capillary system.
3. Roof panel end laps, where required by panel length, will be 8" minimum. Note: omit endlap sealant on open buildings.
4. Die formed ridge panels, matching the slope and profile of adjoining roof panels, shall be provided.
5. If required, wall panels shall be continuous from 1-1/2" below the column base to the roofline except where the required length would exceed 25'. Wall panels over 25' shall be end lapped a minimum of 6" at a girt. Uninsulated wall panels shall be cement grouted into the recess in the concrete foundation.
6. Roof and wall panels shall be secured to the framing members with fasteners at a maximum spacing of 12". At end laps, base angles, roof eave struts, and ridge panels, the maximum spacing of fasteners shall be 6".
7. Side laps of roof panels shall be stitched through the major rib with fasteners at a maximum spacing of 64" and centered between purlins. Side laps of wall panels shall be stitched through the major rib with fasteners at a maximum spacing of 52" dividing the wall height into equal spaces.
8. Fasteners for metal roof and wall panels shall be No. 14 x 3/4" self-tapping 300-series stainless steel with color coated heads and 5/8" stainless steel backed neoprene washers (cadmium and electroplated zinc fasteners are not acceptable).

C. Bolts

1. Bolts for the connection of primary members shall be square or hex head machine bolts with hex nuts conforming to ASTM A-307 or ASTM A-325.
2. Bolts for the connection of secondary framing members shall conform to ASTM A-307. Flat washers shall be installed under head and nut for all bolts 3/4" in diameter or greater.
3. Field connections shall be bolted. High strength bolts shall be tightened by the turn-of-the-nut method or by a properly calibrated torque wrench.
4. All bolts shall be galvanized.

D. Panel Rib Closures

Panel rib closures shall be closed cell, synthetic rubber conforming to ASTM D-1056 with

a density of 12 to 16 pcf, preformed to match the contours of the panels and shall be installed between roof panels and eave strut, at rake trim, wall panels and eave strut, door headers and window heads, sills, and at the base of all panels.

E. Eave Gutters, Downspouts, Trim and Flashing

1. When required, galvanized steel for eave gutters, downspouts, trim, flashing and other miscellaneous uses shall be zinc-aluminum (Galvalume) and 26-gauge or heavier.
2. **Additive Alternate No. 1:** eave gutters, 4 1/2" x 6" shall be formed to match the sculptured profile of the rake trim and equipped with heavy gauge, galvanized, adjustable supports on 24" centers. Square downspouts shall be equipped with wall attachments and 45° elbows at the floor line.
3. Trim or flashing shall be furnished at corners, rakes, and accessory openings.
4. When required, provide concrete splash blocks at each downspout not discharging on concrete.

F. Color Finish

The galvanized roof and wall panels, fascia, soffit and liner panels, flashing, trim, ventilators, and louvers shall be color finished as follows:

1. The galvanized steel sheet shall be mechanically and chemically cleaned and chemically converted to provide superior adhesion and corrosion resistance. Prior to forming, enamel shall be roller coat applied to the finished side and backside using precision controlled, continuous coil coating equipment to provide exceptional protection against failures, such as checking, cracking, loss of adhesion, chalking or fading.
2. Finished Side: 1.0 mil enamel (including 0.2 mil primer).
3. Back Side: 0.5 mil off-white backing enamel (including 0.2mil primer).

Color to be selected by the Owner's Representative from standard charts supplied by building manufacturer.

2.3 GALVANIZATION OF MEMBERS

- A. Prior to assembly, all primary and secondary structural members shall receive a zinc (hot galvanizing) coating.
- B. Galvanization of products fabricated from roller, pressed and forged steel shapes, plates, bars and strips, 1/8" thick and heavier shall conform to ASTM Designation A-123.
- C. Galvanization of iron and steel hardware shall conform to ASTM Designation A-123 and A-153.
- D. Members formed from galvanized sheets shall conform to ASTM Designation A-525, A-446, and/or relevant ASTM designations.
- E. Steel should not exceed 0.25% carbon where sever cold-forming operations preceded galvanization.

- F. Cold-forming operations shall not cause failure of zinc coating at extreme bends.
- G. The following criteria shall be properly controlled and shall meet standards satisfactory to the Owner for the galvanizing process:
 - 1) Defects arising from fabrication, thickness and uniformity of coating, adherence of coating, appearance, and embrittlement.
 - 2) Galvanized surfaces that are abraded or damaged at any time after the application of the zinc coating shall be repaired by thoroughly wire brushing the damage areas and removing all loose and cracked coating, after which the cleaned areas shall be repaired by the application of a low temperature galvanizing repair compound, in the shape of a bar or rod, to the repair surface preheated to 600F.
 - 3) The melted repair material shall be brushed over the bare surface with a wire brush.
 - 4) Zinc coating by the metallizing process may be allowed when approved by the Owner.
- H. The handling, stacking, transporting, and erecting of the galvanized parts shall be done in such a manner as to protect the coating and coating appearance.
- I. Galvanized parts shall be assembled with non-abrasive equipment.
- J. When it is necessary to straighten any sections after galvanizing, such work shall be performed without damage to the zinc coating. Safeguards against warping and distortion due to the galvanizing process shall conform to ASTM Designation A-384.
- K. It is the intention of these specifications that all parts of the metal building structure be protected from corrosion by an approved zinc coating as described herein.

SECTION 3 – EXECUTION

3.1 ERECTION - GENERAL

- A. Verify site conditions under provisions of Section 1.
- B. Structural loads and column footing designs shown on drawings have been provided by Nisly Steel, LLC dated 05/07/2022 and are used as a basis for bidding. This contractor shall provide to Engineer the actual loads of metal building proposed to be used; Engineer will modify design as/if necessary to accommodate actual loads.
- C. Provide access to the work as scheduled for owner provided inspections, if required. The cost of any required inspections is the responsibility of the owner.
- D. Do not proceed until unsatisfactory conditions have been corrected.

3.2 ERECTION - FRAMING

- A. The building shall be erected by a competent and experienced crew working for or approved by the metal building manufacturer and/or his authorized representative.
- B. Only neat and first-class workmanship will be accepted. No warped, crooked, or

otherwise damaged building components will be accepted.

- C. The building crew shall have the manufacturer's instructions and erection plans on their possession at all times.
- D. The Contractor shall have his project Superintendent on the job at all times while the metal building is being erected.
- E. Erection procedures and scheduling shall follow those set down and approved by the metal building manufacturer.
- F. Purlin spacing shall be as specified by the Metal Building manufacturer's design.
- G. The ridge purlins shall be installed to allow an open space as shown on the drawings to give the full ventilation rate possible for the ridge vents.
- H. If required, wall girts and other structural members shown on the contract drawings shall be included by the metal building manufacturer in addition to those structural members required by design.
- I. All cuts and holes made by the contractor must be mechanically performed and not burned or cut with a torch.

3.3 ERECTION – WALL AND ROOFING SYSTEMS

- A. Install all wall and roofing systems in accordance with manufacturer's instructions and details.
- B. Exercise care when cutting prefinished material to ensure cuttings do not remain on finish surface.
- C. Fasten cladding system to structural supports, using proper fasteners aligned level and plumb.
- D. Set purlins and girts at right angle and bolt to appropriate clips. Attach to clips as required to satisfy design loads and as shown on drawings.
- E. Place screw down roof panels at right angle to purlins and girts. When required, attach and plumb wall panels as shown on drawings. Lap panel ends as required by the manufacturer; place end laps over purlins or girts. Apply manufacturer's roof panel side lap sealant between panel side laps to provide water-tight installation per details furnished. Do NOT apply lap sealant to panel ends.

3.4 ERECTION – TOLERANCES

- A. All work shall be performed by experienced workmen in a workmanlike manner to published tolerances.
- B. Install framing in accordance with MBMA Metal Building Systems Manual, Chapter IV Common Industry Practices.

END OF SECTION

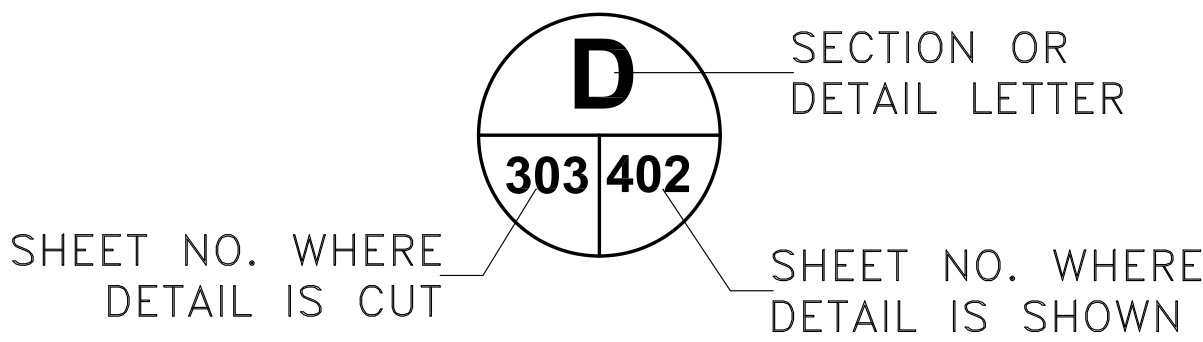
BABY CALF BARN SHELL for
UF IFAS Dairy Research Unit
Hague, Alacuha County, Florida

by



SHEET INDEX

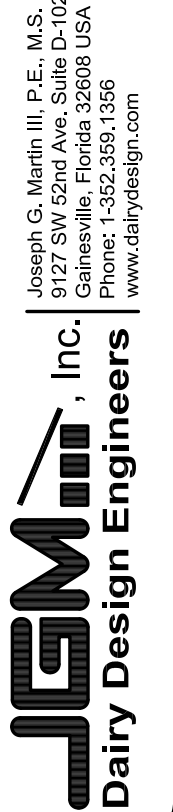
No.	Title
000	Title Sheet
101	Overall Facility Site Plan
601	Calf Barn Exterior Elevations
602	Calf Barn Floor Plan & Cross Section
603	Calf Barn Long Section
604	Column Footing Details



SECTION INDICATOR EXPLANATION

BID DOCUMENT:
NOT FOR CONSTRUCTION
MAY 25, 2022

BABY CALF BARN SHELL
UF IFAS DAIRY RESEARCH UNIT
Hague, Alacuha County, Florida



Joseph G. Martin III, P.E., M.S.
9127 SW 52nd Ave., Suite D-102
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www.dairydesign.com

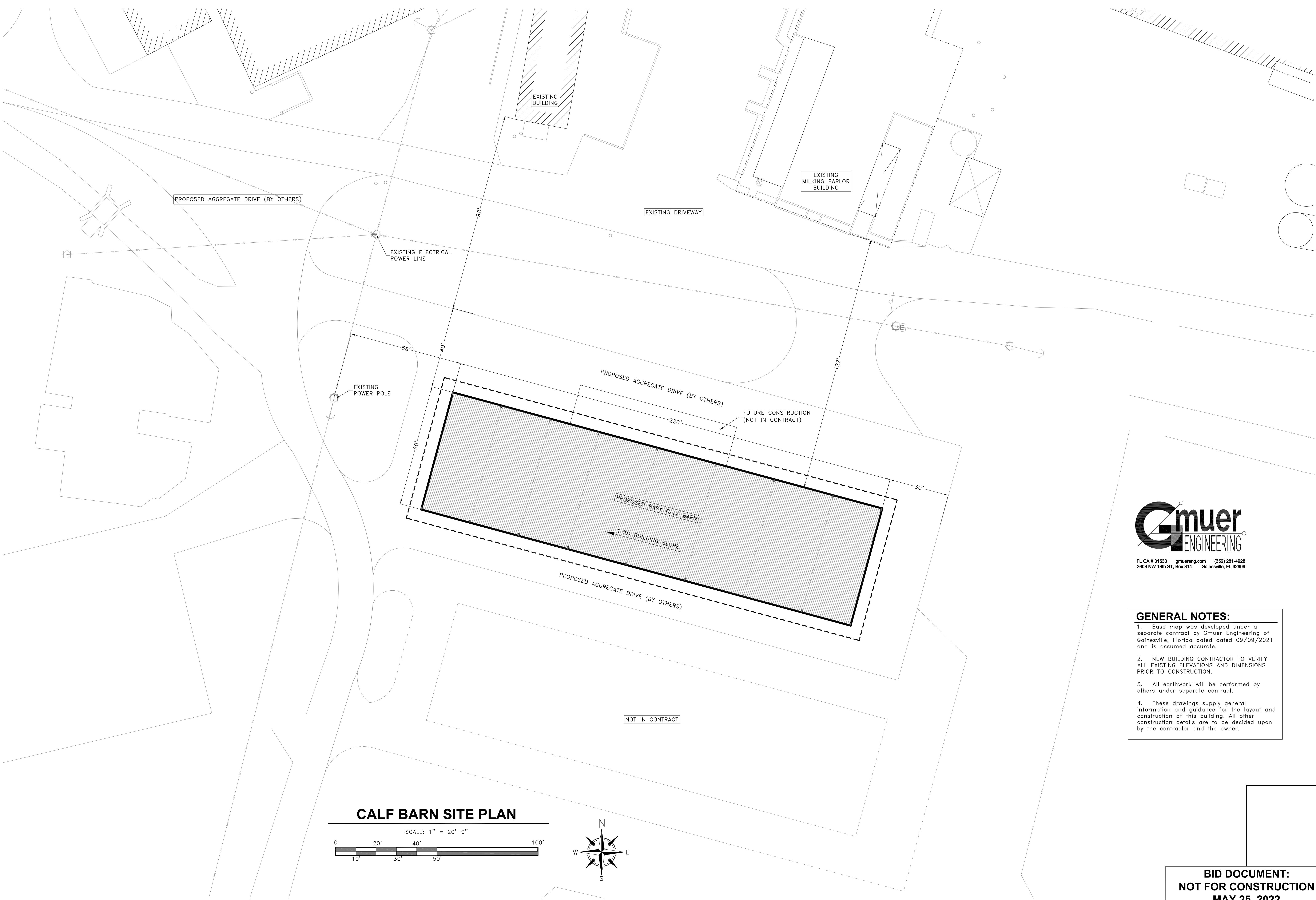
PLOT SCALE 1:1

DESIGN: J.G. Martin III, P.E.

DRAWN BY: J. Martin, R. Kent

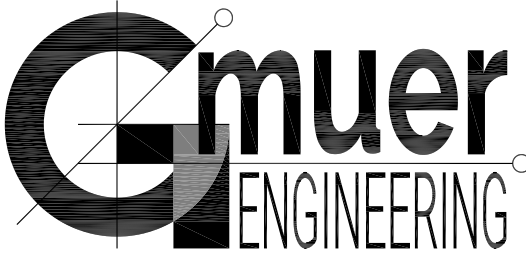
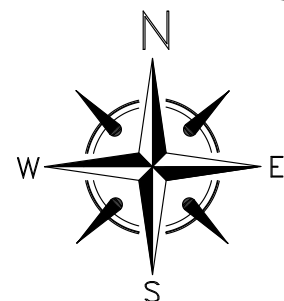
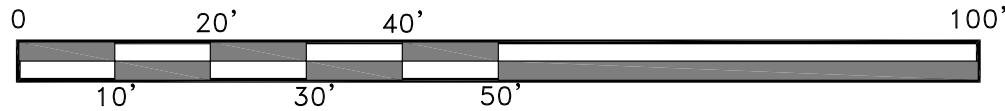
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SHEET 000



CALF BARN SITE PLAN

SCALE: 1" = 20'-0"

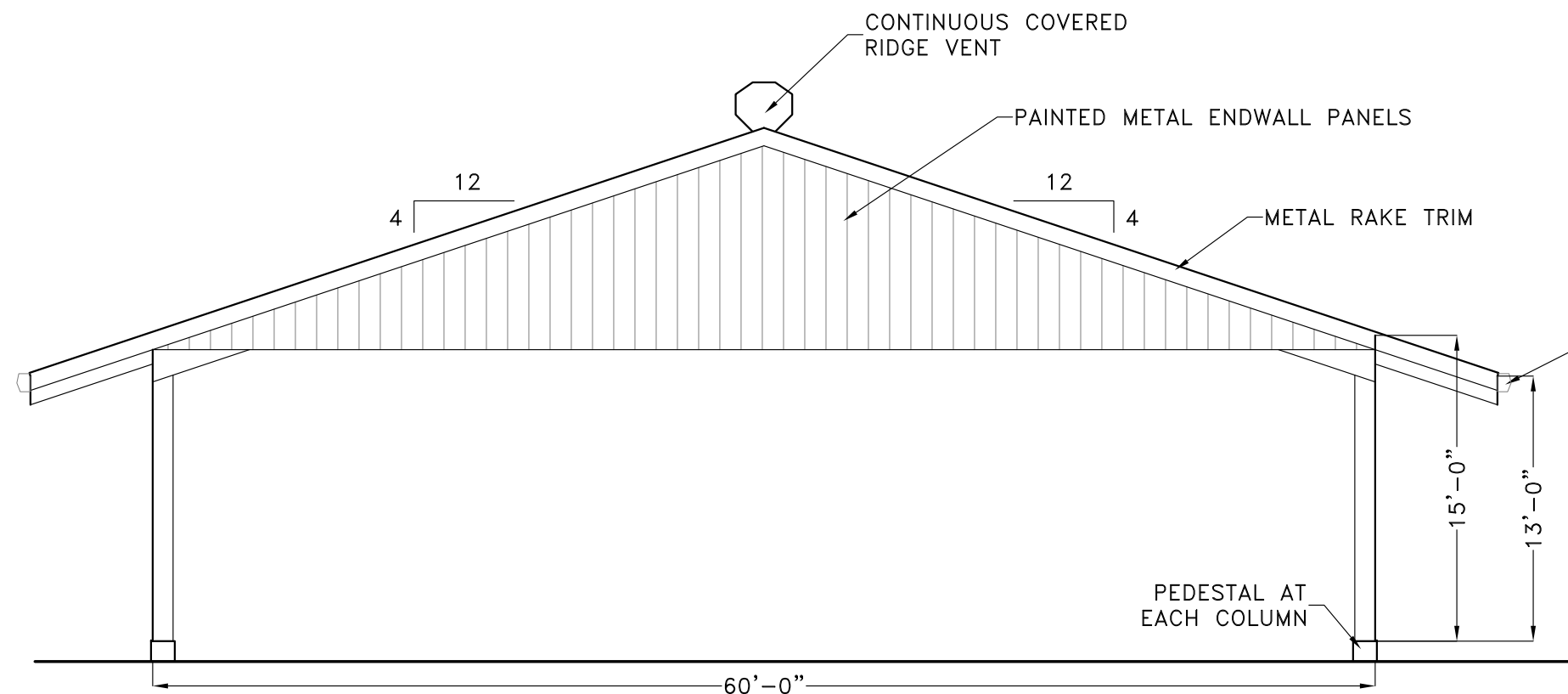


FL CA # 31533 gmuereng.com (352) 281-4928
2603 NW 13th ST, Box 314 Gainesville, FL 32609

GENERAL NOTES:

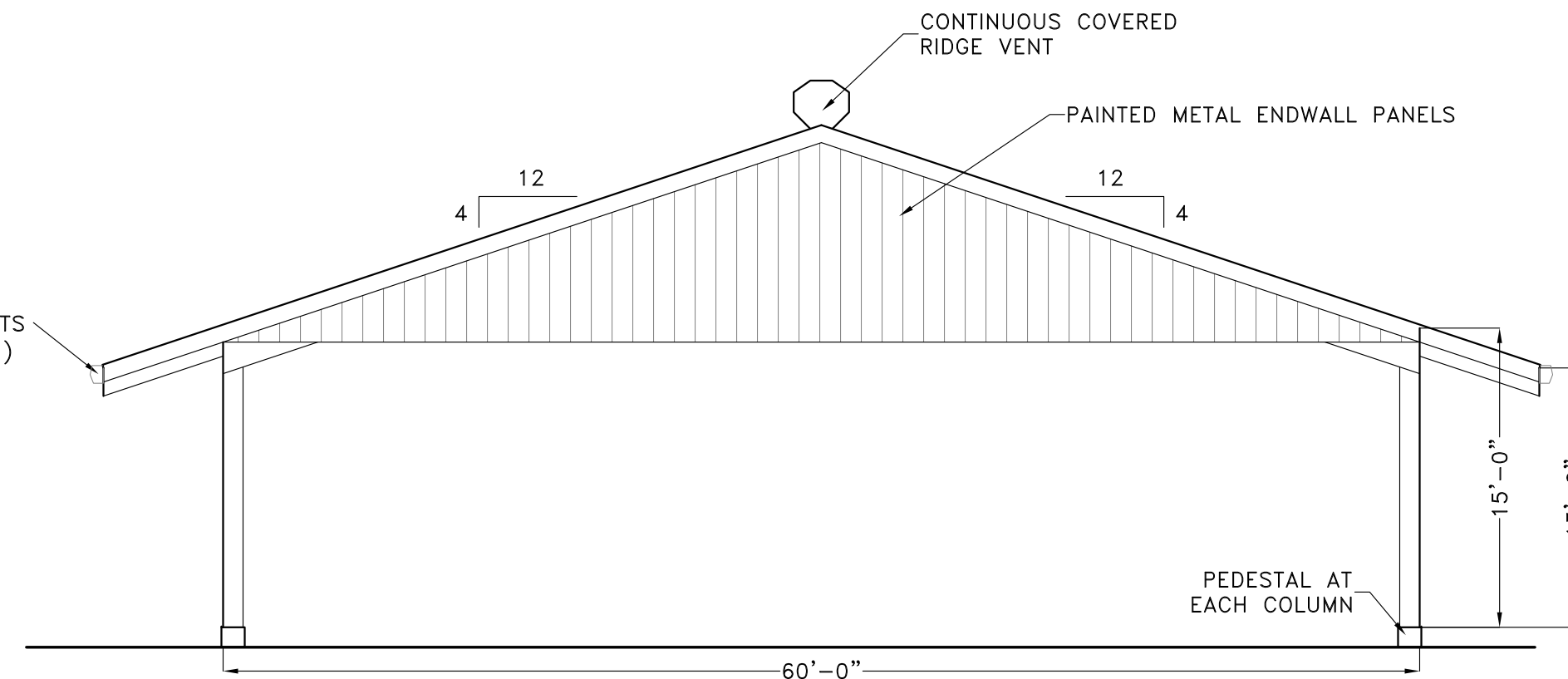
1. Base map was developed under a separate contract by Gmuer Engineering of Gainesville, Florida dated 09/09/2021 and is assumed accurate.
2. NEW BUILDING CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
3. All earthwork will be performed by others under separate contract.
4. These drawings supply general information and guidance for the layout and construction of this building. All other construction details are to be decided upon by the contractor and the owner.

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MAY 25, 2022



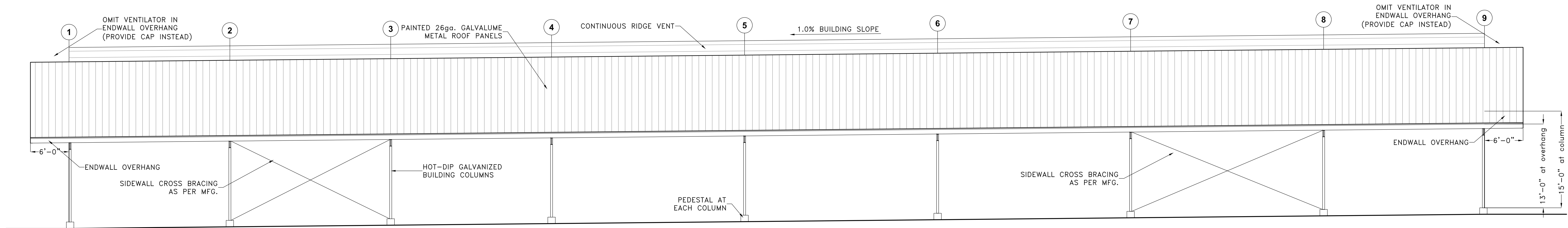
CALF BUILDING EAST END ELEVATION

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



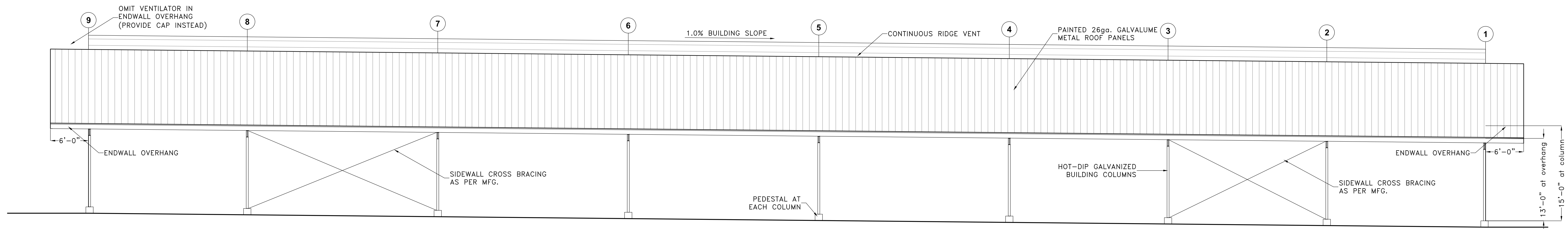
CALF BUILDING WEST END ELEVATION

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



CALF BUILDING SOUTH SIDE ELEVATION

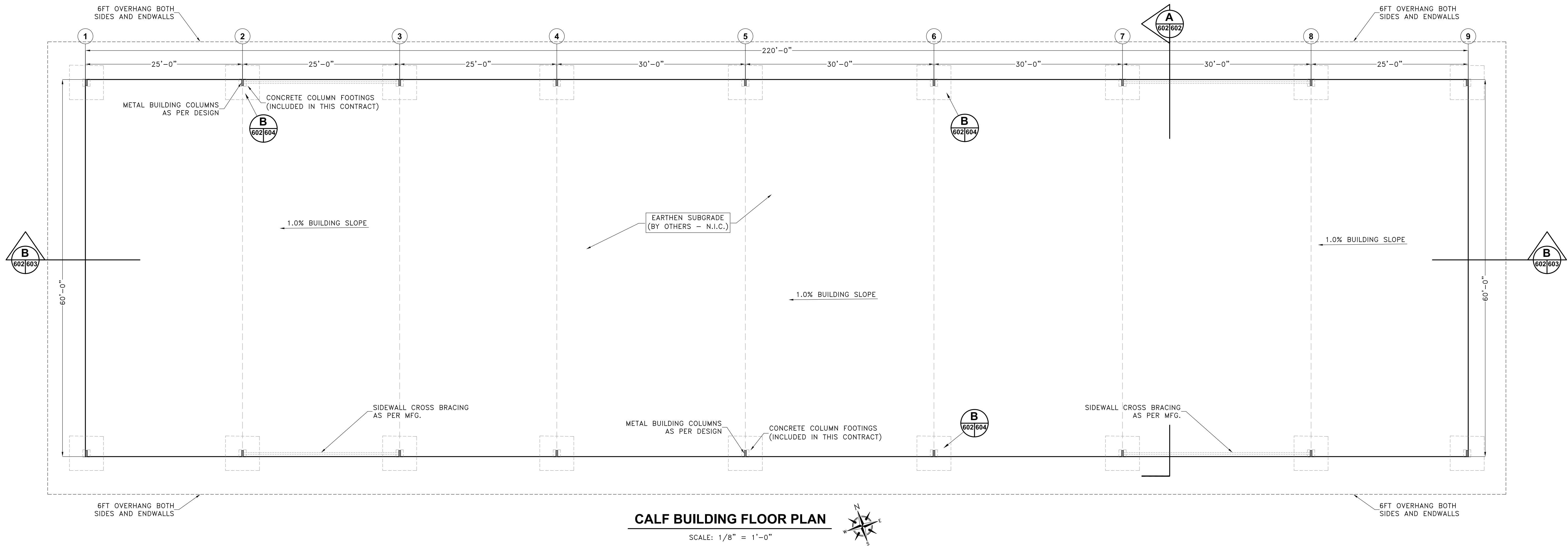
SCALE: 1/8" = 1'-0"



CALF BUILDING NORTH SIDE ELEVATION

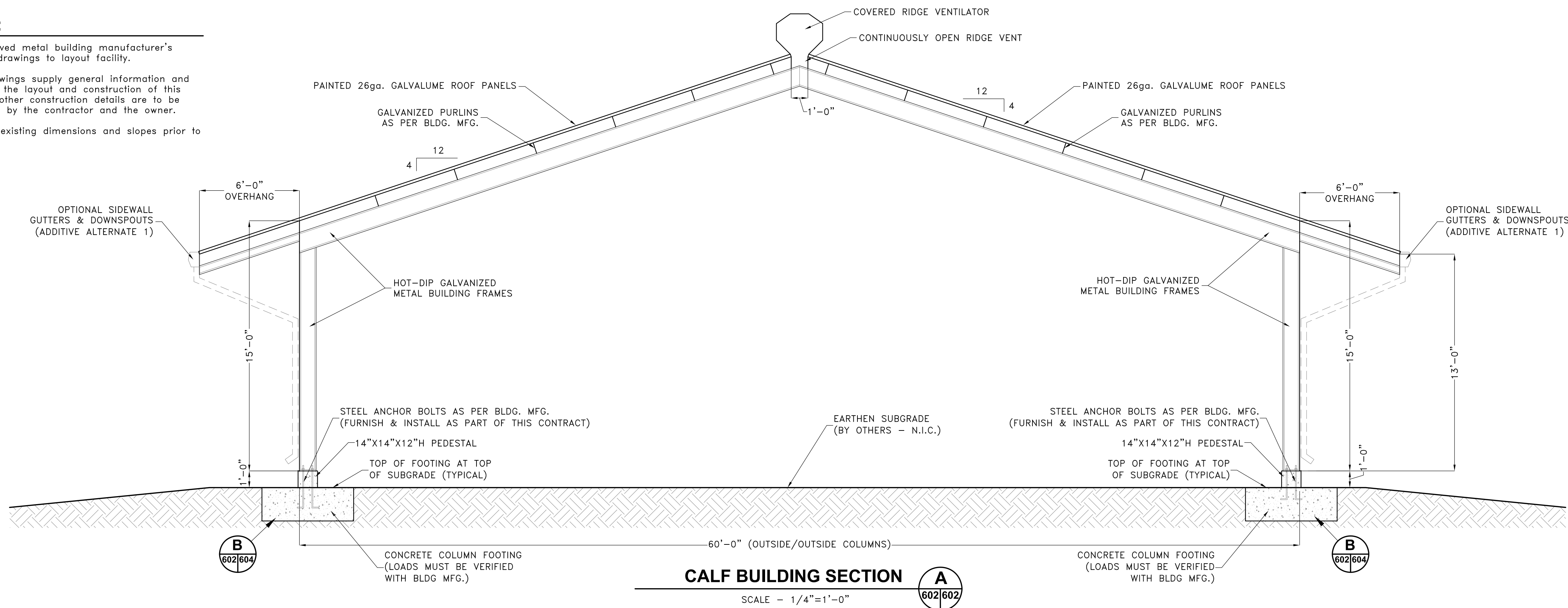
SCALE: 1/8" = 1'-0"

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NOTES:

1. Use approved metal building manufacturer's anchor bolt drawings to layout facility.
2. These drawings supply general information and guidance for the layout and construction of this facility. All other construction details are to be decided upon by the contractor and the owner.
3. Verify all existing dimensions and slopes prior to construction.



METAL BUILDING SPECIFICATIONS:

- The Freestall Barn shall be a pre-engineered metal building as shown with the following requirements:
1. Nominal dimensions of bldg. frame: 60ft wide x 220ft long x 15ft eave ht. at column;
 2. 4:12 roof slope;
 3. Total of four (4) 25ft and four (4) 30ft bays;
 4. Post-and-beam rigid frames on all frames;
 5. Endwall framing to be same as inner frames to facilitate future expansion of building;
 6. Install gable endwall panels both ends;
 7. Continuous 12" open ridge vent entire length of building;
 8. 6ft overhangs on sides and ends of building;
 9. All bays shall have open sides;
 10. Additive Alternate 1: Gutters and downspouts both sidewalls;
 11. Diagonal cable wind bracing as required by design;
 12. Hot-dip galvanized primary frames;
 13. Galvalume purlins and secondary framing;
 14. 410 Stainless steel self-drilling roof fasteners;
 15. Metal roof panels shall be pre-painted 26ga Galvalume;
 16. Design loads shall be as required by the latest adopted edition of the Florida Building Code for Alachua County, FL;
 17. Metal bldg. mfg. to provide erection drawings signed/sealed by professional engineer licensed in Florida;
 18. Omit end lap sealant on all roof sheet end laps;

- Notes for Reactions (verify all):**
- | | |
|------------------------|-------------------|
| 1. Building Code: | FBC 7th Ed (2020) |
| 2. Dead load: | 1.5psf |
| 3. Roof live load: | 20.0psf |
| 4. Frame live load: | 12.0psf |
| 5. Wind load: | 90mph |
| 6. Exposure: | B |
| 7. Closed/Open: | Open |
| 8. Importance wind: | 1.0 |
| 9. Importance Seismic: | 1.0 |
| 10. Seismic zone: | C |

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MAY 25, 2022**

**BABY CALF BARN SHELL
UF IFAS DAIRY RESEARCH UNIT
Hague, Alachua County, Florida**

JGMM
Dairy Design Engineers

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www.dairydesign.com

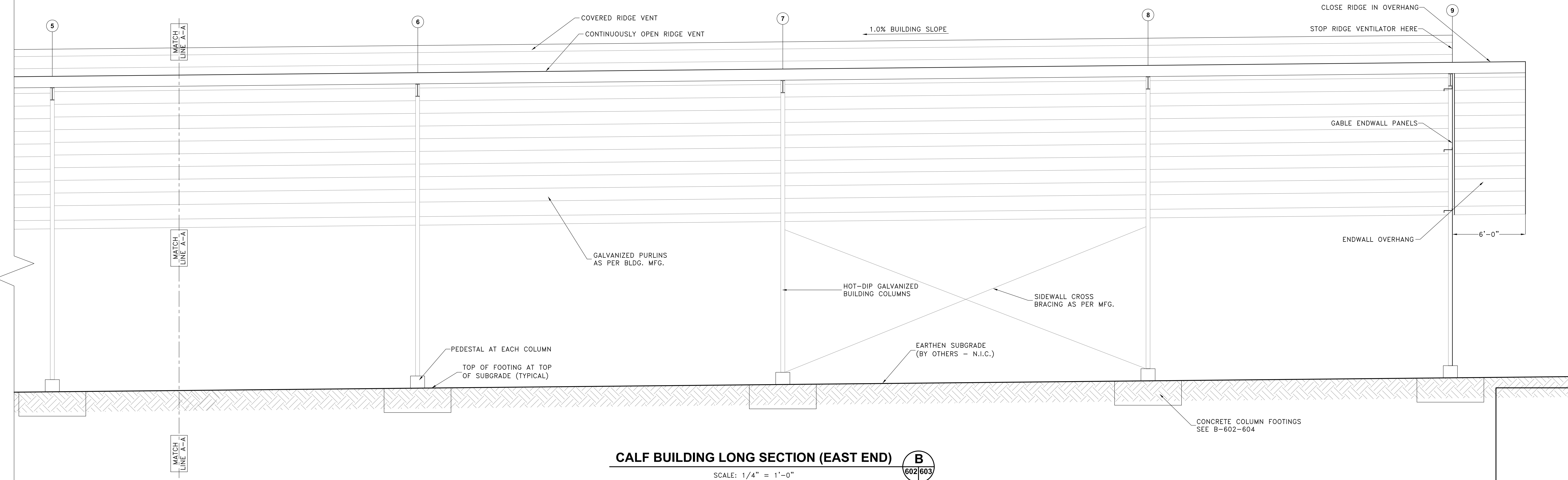
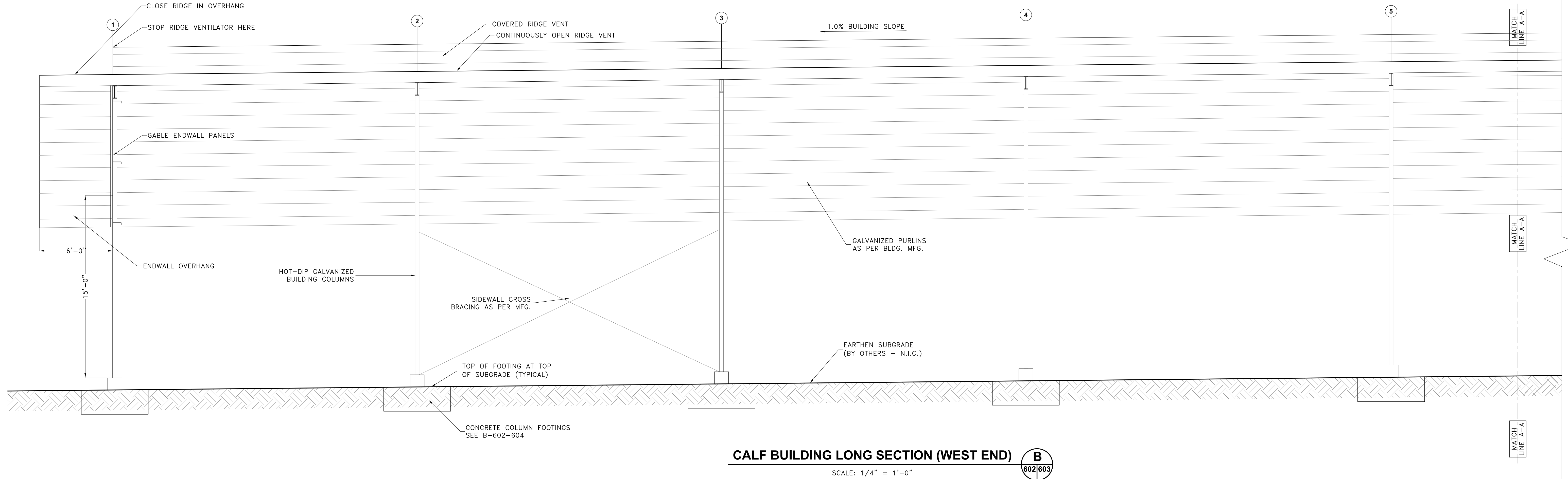
DRAWN BY: J.Martin, R.Kent

PLOT SCALE - 1:1

DESIGN: J.G.Martin III, P.E.

FILE NAME: UF_DRU_CALF_BARN

SHEET 602



**BID DOCUMENT:
NOT FOR CONSTRUCTION
MAY 25, 2022**

**BABY CALF BARN SHELL
UF IFAS DAIRY RESEARCH UNIT
Hague, Alachua County, Florida**

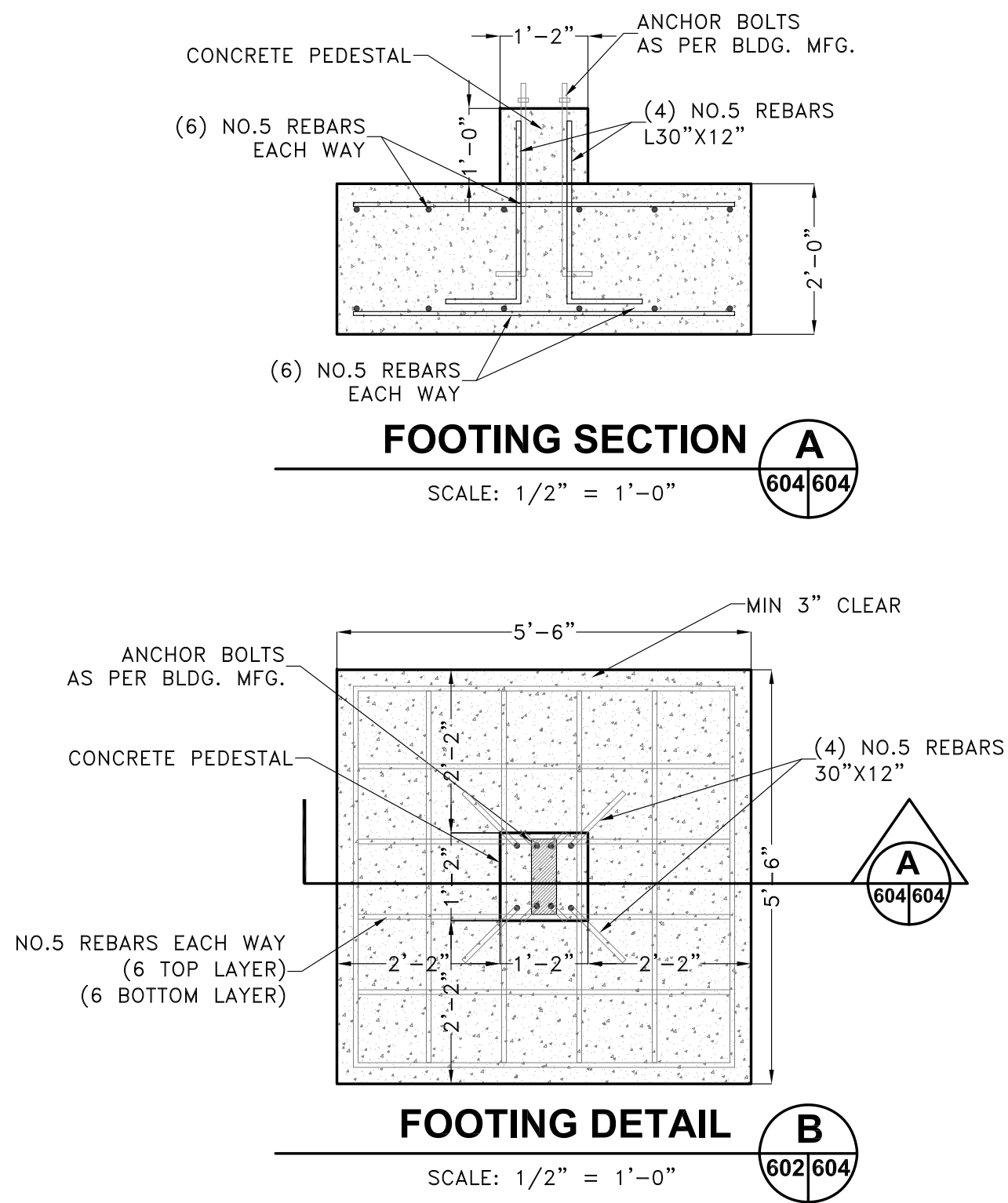
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Dairy Design Engineers, Inc.
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Ocala, Florida 34476-3326
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PLOT SCALE - 1:1
DESIGN: J.G.Martin III, P.E.

DRAWN BY: J.Martin, R.Kent

SHEET

FILE NAME: UF_DRU_CALF_BARN
603



FOOTING DESIGN ASSUMPTIONS: <ul style="list-style-type: none">Assumed soil bearing capacity = 2,500psf;Structural loads of building provided by Nisly Steel, LLC. dated 05/07/2022. Contractor to provide Engineer with actual loads of metal building to be used; Engineer will modify design as/if necessary to accommodate actual loadsConcrete shall be 4,000psi for footings and all rebar shall be 60,000psi yield strength	STRUCTURAL NOTES: <ol style="list-style-type: none">Coordinate these drawings with all others in this set.Where a detail is shown for one condition, it shall also apply for all like or similar conditions unless noted otherwise.The contractor shall be responsible for the temporary bracing of all work during construction.The contractor shall verify all dimensions and conditions in the field prior to commencing work. The engineer shall be notified of any discrepancies which may exist.Construction shall be in accordance with all applicable federal, state, and local ordinances and building codes.All concrete shall be <u>4,000psi at 28 days</u> unless otherwise noted.All reinforcing bars shall be grade 60.Dimensions shown for metal building columns are nominal dimensions – <u>use metal building manufacturer's anchor bolt drawings to obtain exact dimensions required.</u>
Design loads: <ul style="list-style-type: none">Roof Live Load = 20psfDead Load = 1.5psfCollateral Load = 0.0psfFrame Live Load = 12psfWind Velocity = 144mph (Exposure B)	
NOTE: USE METAL BUILDING MANUFACTURER'S APPROVED ANCHOR BOLT DRAWINGS TO LAY OUT FOOTINGS – THIS DRAWING INTENDED TO SHOW LOCATION AND TYPE OF FOOTINGS	

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MAY 25, 2022