INVITATION FOR BIDS
OFFICE OF PROCUREMENT SERVICES

1. INSTRUCTIONS FOR BIDDERS

a. Sealed bids will be received in the Office of Procurement Services, Mississippi State University, for the purchase of the items listed herein.

b. All bids must be received in the Office of Procurement Services on or before the bid opening time and date listed herein. Delivery of bids must be during normal working hours, 8:00 a.m. to 5:00 p.m. CST, except on weekends and holidays when no delivery is possible.

c. Bidders shall submit their bids either electronically, in Bully Buy, or in a sealed envelope. Bids CANNOT be emailed
   a. Sealed bids should include the bid number on the face of the envelope as well as the bidders' name and address. Bids should be mailed to : 405 Garrard Road E, Starkville, MS 39759.

d. All questions regarding this bid should be directed to the Office of Procurement Services at 662-325-2550.

2. TERMS AND CONDITIONS

a. All bids should be bid "FOB Destination"

b. Bidders must comply with all rules, regulations, and statutes relating to purchasing in the State of Mississippi, in addition to the requirements on this form. General Bid Terms and Conditions can be found here: https://www.procurement.msstate.edu/procurement/bids/Bid_General_Terms_May_2019_V2.pdf

c. Any contract resulting from this Invitation for Bid shall be in substantial compliance with Mississippi State University's Standard Contract Addendum: https://www.contracts.msstate.edu/resurces/standard-forms

Bid Number: MSU2026077
Opening Date: Wednesday May 27, 2026
Description: Sweet Potato Building

Vendor Name: _____

Vendor Address: _____

Telephone Number: _____

Email Address: _____

Days the Offer is Firm: _____

Authorized Signature: _____

Name: _____

Title: _____

Item	Quantity	Description	Unit Price	Total Price
1	1	Sweet Potato Building (MATERIAL ONLY)		

Materials provided must comply with Build America Buy America Act

METAL BUILDING

13.1 METAL BUILDING

13.1.1 SCOPE:

13.1.1.1 Building shall include all columns, rafters, endwall columns, purlins, girts, struts, clips, bracing, exterior covering, flashing, fasteners, and miscellaneous items necessary for a complete and weather tight structure as shown on the plans and described herein. Building materials shall be delivered to job site in Pontotoc, MS. Preliminary anchor bolt plans and reactions must be submitted with the bid.

13.1.2 BUILDING:

13.1.2.1 Building shall be a 80’ wide by 113’ long by 20’ eave height Modular Rigid Frame building as shown on the plans. The Modular Frames are 25’/55’. Endwalls are non-expandable. All Column depths to be 8” maximum. Endwall columns and girts to be 8” and sidewall columns and girts to be 12”. Maximum purling spacing to be 4’-6”.

13.1.2.2 Building shall have gutters and downspouts

13.1.2.3 Building shall have an unpainted galvalume roof. Wall panels and trim to be painted galvalume.

13.1.2.4 Insulation: 3” in roof and walls of the building.

13.1.2.5 Design building for future 30’ lean-to as shown on the drawings. Future lean-to to be eave line with all walls open for access.

13.1.3 DESIGN:

13.1.3.1 General

13.1.3.1.1 All structural steel sections and welded plate members shall be designed in accordance with the latest edition of the AISC "Manual of Steel Construction".

13.1.3.1.2 All light gage cold formed, structural members and exterior covering shall be designed in accordance with the latest edition of the AISI, "Cold Formed Steel Design Manual".

13.1.3.1.3 Provide continuous design drafting supervision and sealed drawings by a professional engineer, certified by the State of Mississippi.

13.1.3.2 Design Criteria

13.1.3.2.1 Building Code – International Building Code (2024 edition)

Roof Live Load - 20 psf (reducible)

Ground Snow Load - 20 psf (Exp. Ce - 1.0)

Basic Design Wind Speed – 110 mph (Exp. B)

Collateral Load - 10 psf

Risk Category – II

Horizontal Deflection of Frames – H/130 Maximun

Vertical Deflection of Frames – L/240 Maximum

13.1.4 DRAWINGS & CERTIFICATION:

13.1.4.1 Submit to owner a letter from the building manufacturer stating that the loads were applied, and the building was designed in accordance with the specified building code.

13.1.4.2 Submit to owner three sets of Building Permit Drawings prior to building fabrication.

13.1.4.3 Submit to owner three sets of final complete erection drawings and anchor bolt setting plans. Also, provide final drawings and packing list to the owner in "pdf" format.

13.1.4.4 The metal building manufacturer must be AC 472 accredited.

13.1.4.5 Building delivery must be within 10 weeks of receipt of purchase order. Final anchor bolt drawings and reactions must be within 3 weeks of receipt of purchase order.

13.1.5 STRUCTURAL FRAMING:

13.1.5.1 General

13.1.5.1.1 All framing members shall be shop fabricated for bolted field assembly.

13.1.5.1.2 All hot rolled steel sheet, plate, and bar shall have a minimum of 36 ksi. All steel for light gage purlins and girts shall have a minimum yield point of 50 ksi.

13.1.5.1.3 All field connections shall be bolted. All bolts for secondary framing to be a minimum of ½ inch diameter bolts. All primary structural members to be field bolted with ASTM Specification A-325 bolts and nuts.

13.1.5.2 All Primary Structural Members shall be mill sections or welded built-up "I" shapes. All flange-to-web welding for built-up sections shall be continuous for the length of the section.

13.1.5.3 Purlins and Girts -- Purlins and girts shall be roll-formed "C" or "Z" sections of depth and gage as needed to conform to the particular design criteria.

13.1.5.4 Eave Struts -- Eave struts shall be a "C" section used to properly and adequately receive both the roof sheets and wall sheets and to serve as a compression member to transfer wind loads.

13.1.5.5 Wind Bracing -- Adequate wind bracing shall be provided to resist specified wind loads. Wall bracing is allowed where shown on the drawings. No “fixed base” columns will be allowed.

13.1.5.6 Flange Bracing -- The compression flange shall be laterally supported so that the allowable compressive stress is not exceeded.

13.1.5.7 Sag Channels – NA

13.1.5.8 Base Condition – The bottom of the wall panels shall be fastened to a base channel. The base channel will be attached to the foundation.

13.1.5.9 Primer -- All primary structural framing members which are not galvanized or otherwise coated shall be cleaned and given one shop coat of manufacturers’ standard **grey** primer. All secondary structural framing members shall be galvanized coated (G-90).

13.1.6 <u>ROOF & WALL COVERINGS</u>:

13.1.6.1 Roof Coverings -- All exposed roof covering shall be 26 gauge unpainted galvalume, “PBR” panels with 20 year warranty. Fasteners shall be carbon steel with a long-life zinc-alloy head, finished to match roof panel, and assembled with an EPDM washer.

13.1.6.2 Wall Coverings -- All exposed wall covering shall be 26 gauge painted galvalume (color to be selected), “PBR” panels with 20 year warranty. Fasteners shall be color coated to match panels.

13.1.6.3 Interior Liner Coverings -- NA

13.1.6.4 Sealer for side laps and end laps of the roof and for flashing (where required) shall be ½" wide x 3/32" thick, dark gray pressure sensitive tape. Service temperature range is from 40°F to 325°F.

13.1.6.5 Rake flashing, gutters/sidewall trim, downspouts, corner flashing, accessory trim, and any other trim shall be painted galvalume, 26 gauge (color to be selected).

13.1.6.6 Closures shall be solid cell, rubber or neoprene, preformed to match panel configuration. Closures shall be provided as recommended by the building manufacturer.

13.1.7 <u>ACCESSORIES:</u>

13.1.7.1 Provide three (3) 3070 hollow metal doors and frames. Doors shall be field located. Door frames shall be flashed at the heads and jambs. Frames shall be fabricated from 16-gauge galvanized steel with strike and hinge reinforcements. Door Leaves shall be fabricated from 18-gauge galvanized steel, smooth finish. Door Leaves to have closer reinforcement. Door and frame to have a baked-on white finish coat of paint. Door Leaves shall have a core that is a rigid-cell, foamed-in-place polyurethane, completely filling the inside of the door. Doors shall have ADA approved thresholds, weather stripping, and a door closer. All hinges shall be stainless steel 5 knuckle ball bearing. Door leaves shall be factory prepared and furnished with the specified Mortise Lockset. Door locksets shall be Corbin Russwin Model ML2065 NSM 626 with lever type handles

for handicapped accessibility or equal. Locksets shall be furnished with cylinders and interchangeable cores (7-pin, small format). MSU will furnish and install the permanent cores.

13.1.7.2 Provide channel framing and flashing at the two overhead door wall openings. Door jambs for overhead doors shall have a 4" flange width minimum. Door jambs must extend to a height of 19 feet. Doors will be high lift.

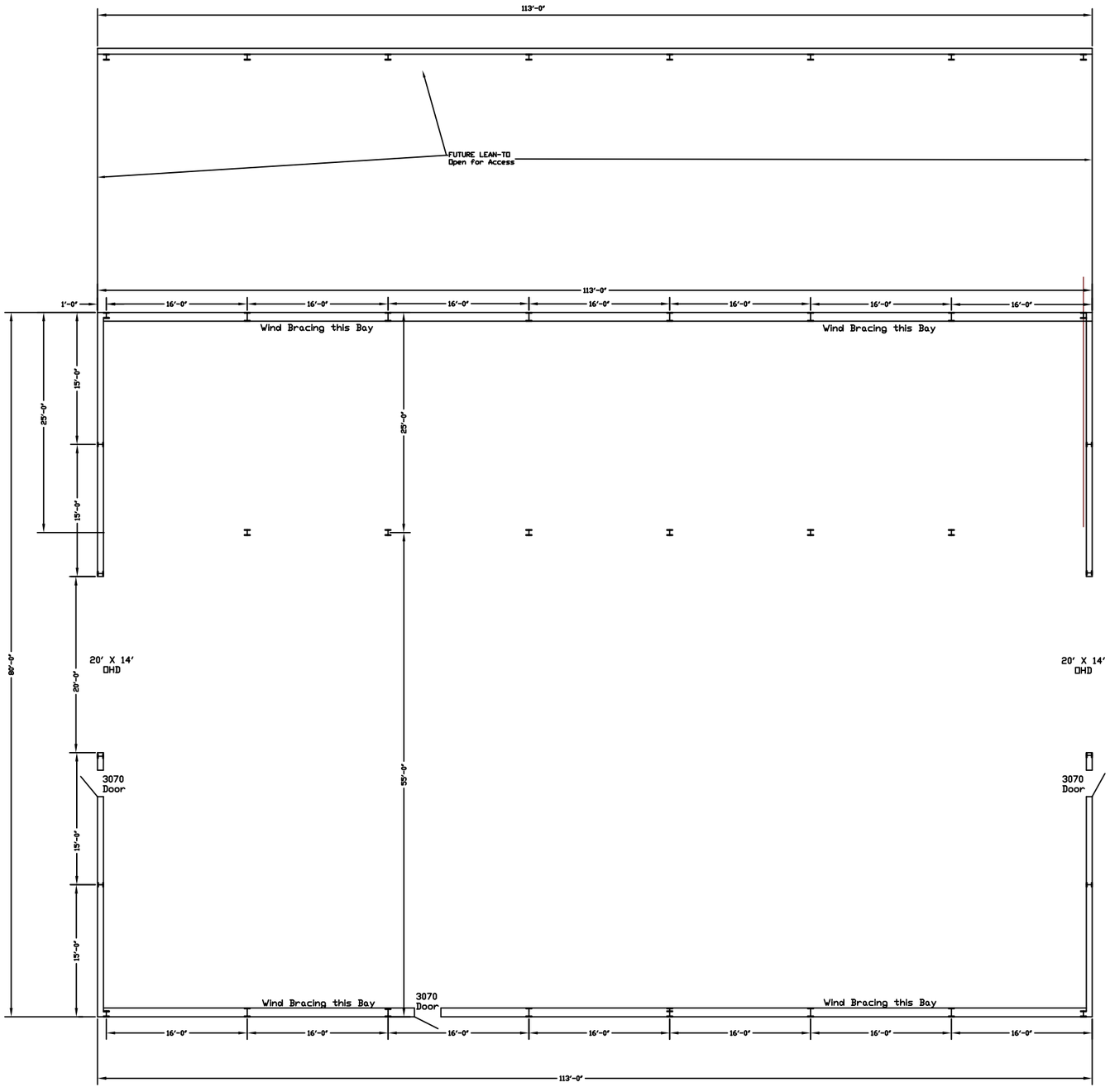
13.1.7.3 Provide three (3) Marquee canopies, one at each 3070 door. Canopies to be 4' project and 4'-6" wide. Canopies to be constructed of 24 ga. painted steel (white) soffit with integral gutter. Canopies to be supported by support rods above the canopy.

13.1.8 ANCHORAGE:

13.1.8.1 The building anchor bolts shall be designed to resist the maximum column reactions resulting from the specified combinations of loadings. The quantity, location, and diameter of these anchor bolts and the minimum projection of these anchor bolts above the foundation concrete shall be specified by the metal building manufacturer.

13.1.9 INSULATION

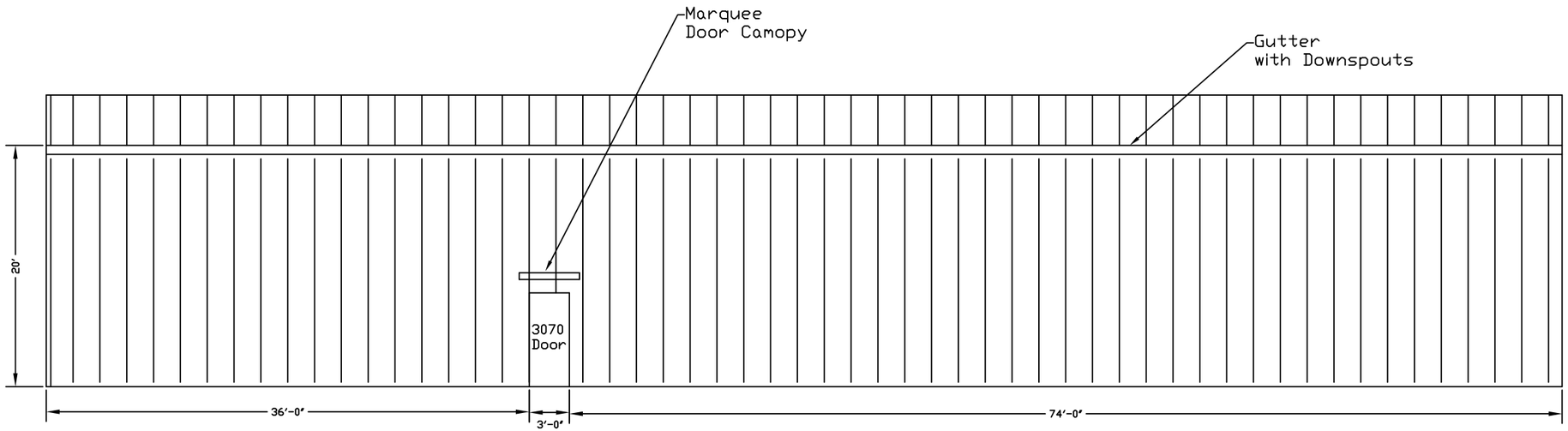
13.1.9.1 Provide 3" insulation in the roof and walls. Insulation to be fiberglass blanket laminated to a flexible facing (WMP-50). Facing shall be composed of 0.0015" white polypropylene film, 4 x 5 tri-directional scrim reinforcing layer, and .0005" metallized polyester film. Facing shall have a beach puncture of 125 scale units and a Mullen burst of 100 psi. Facing shall have a tensile strength of not less than 55# in the machine direction and 50# in the cross direction. Provide all necessary insulation accessories to include starter roll, patch tape, strip tack tape and staples.



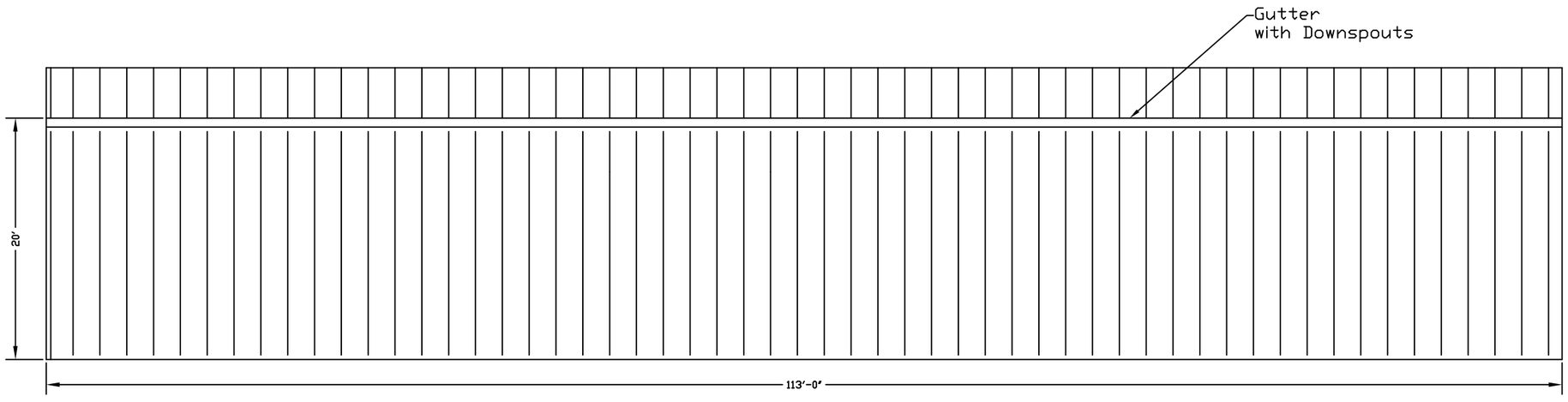
FLOOR PLAN
Scale: " = 1'-0"

NORTH

DRAWN BY: DH CHECKED BY: DH APPROVED BY: DH DATE: 5-1-26 REVISED: SCALE: NONE	MISSISSIPPI STATE UNIVERSITY DIVISION OF AGRICULTURE, FORESTRY AND VETERINARY MEDICINE DAVID HOWELL, P.E.	Sweet Potato Building Pontotoc, MS FLOOR PLAN	SHEET NUMBER 1 OF 4 SHEETS

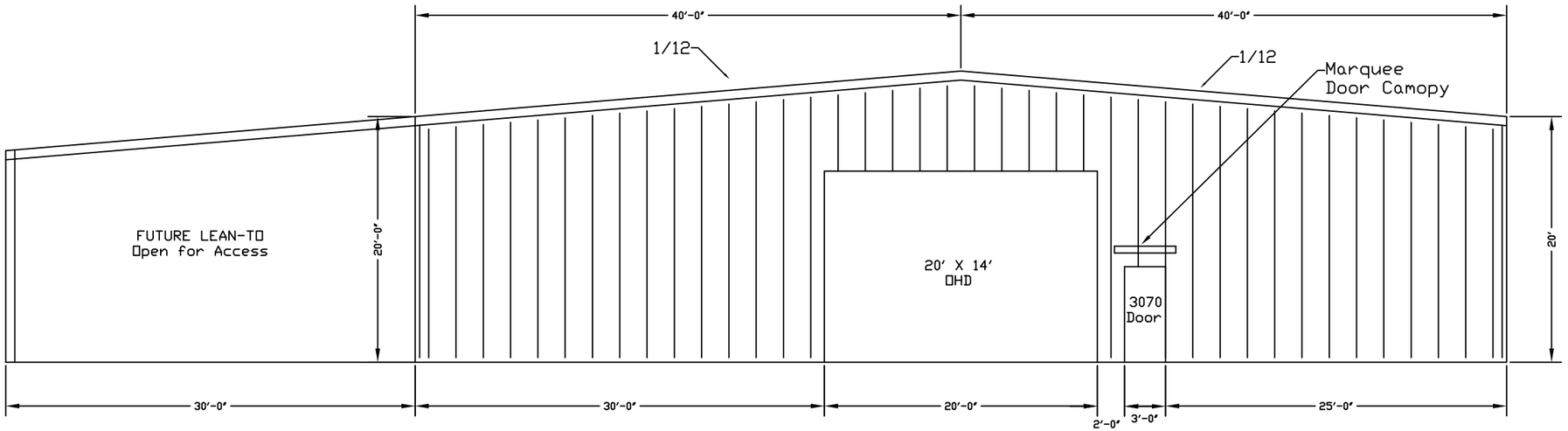


EAST ELEVATION

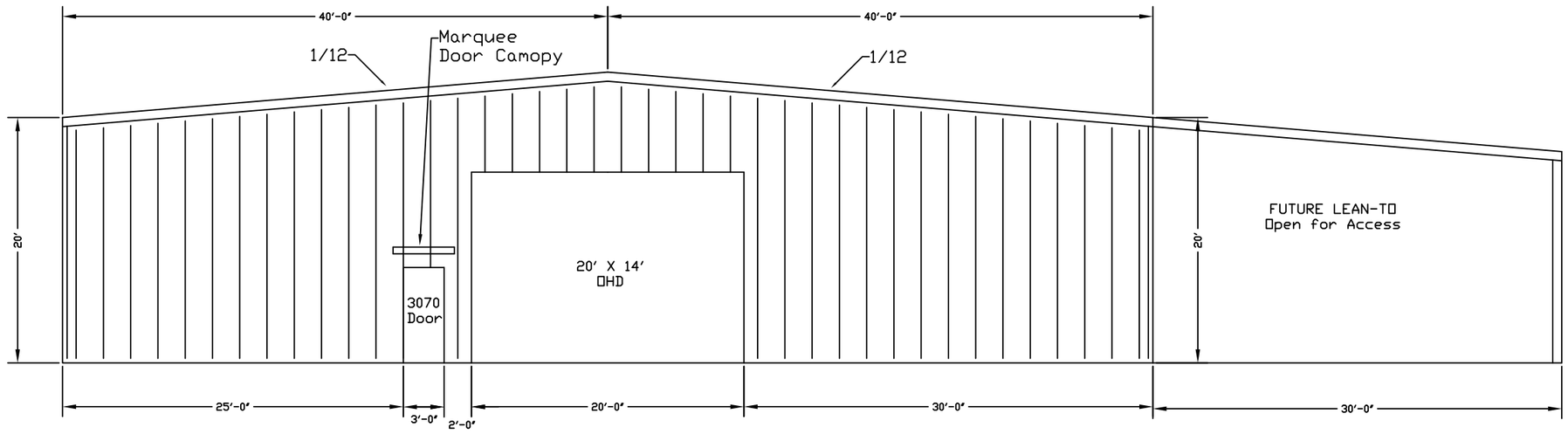


WEST ELEVATION

DRAWN BY: DH CHECKED BY: DH APPROVED BY: DH DATE: 5-1-26 REVISED: SCALE: NONE	MISSISSIPPI STATE UNIVERSITY DIVISION OF AGRICULTURE, FORESTRY AND VETERINARY MEDICINE DAVID HOWELL, P.E.	Sweet Potato Building Pontotoc, MS SIDEWALL ELEVATIONS	SHEET NUMBER 2 OF 4 SHEETS

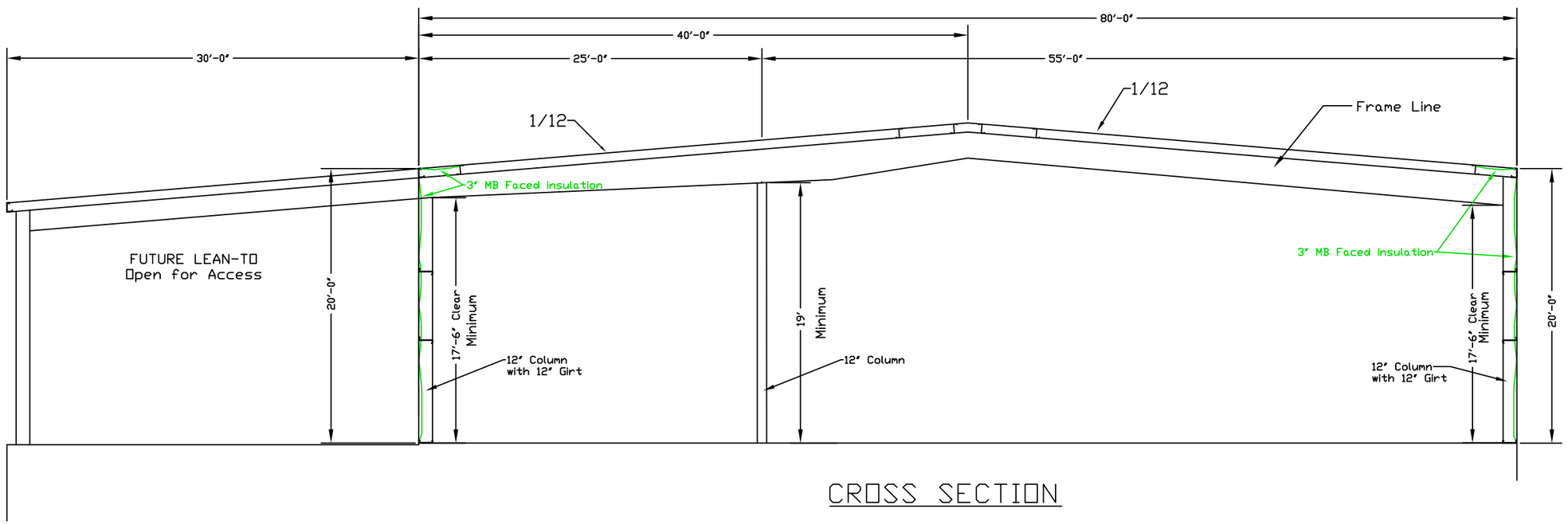


SOUTH ELEVATION



NORTH ELEVATION

DRAWN BY: DH CHECKED BY: DH APPROVED BY: DH DATE: 5-1-26 REVISED: SCALE: NONE	MISSISSIPPI STATE UNIVERSITY DIVISION OF AGRICULTURE, FORESTRY AND VETERINARY MEDICINE DAVID HOWELL, P.E.	Sweet Potato Building Pontotoc, MS ENDWALL ELEVATIONS	SHEET NUMBER 3 OF 4 SHEETS



CROSS SECTION

DRAWN BY: DH CHECKED BY: DH APPROVED BY: DH DATE: 5-1-26 REVISED: SCALE: NONE	MISSISSIPPI STATE UNIVERSITY DIVISION OF AGRICULTURE, FORESTRY AND VETERINARY MEDICINE DAVID HOWELL, P.E.	Sweet Potato Building Pontotoc, MS SECTIONS	SHEET NUMBER 4 OF 4 SHEETS