Addendum 01

DOCUMENT 00 9100

DATE: January 21, 2026

PROJECT: Arcanum-Butler Local Schools Booster Stadium Phase 3
310 North Main Street
Arcanum, Ohio 45304

PROJECT #: 23047.03

OWNER: Arcanum-Butler Local School District
Contact: John Stephens
2011 Trojan Avenue
Arcanum, Ohio 45304

ARCHITECT: Garmann Miller
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

TO: Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Construction Documents dated January 6, 2026, with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of 3 pages, 5 specification sections, and 9 re-issued drawing sheets.

FOR INFORMATION ONLY

1. Pre-bid meeting minutes and the pre-bid meeting sign-in sheet are attached.
2. All chainlink fence to be black vinyl coated. Spacing of post to be 8' apart, and have a bottom rail included for all 4' high fence surrounding track.
   a. Fence post to be installed prior to concrete pour. Hold post foundations below grade and provide expansion around each post. Reference details on sheet L2.1.
3. Spoils are to be hauled off site.
4. The Owner will carry the cost of the Plan Review thru Miami County. Any contractor permits will be the responsibility of the contractor.
5. There will be third party construction testing paid by the Owner
6. The Owner will carry the cost of and aid to construction costs or tap fees
7. All exterior walls are faced with gyp on the interior side except for the three exterior walls in A101 which are faced with OSB/ Plywood.

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CHANGES TO THE PROJECT MANUAL

1. Section 00 11 30
   a. Changed the Estimate of Construction Cost to $1,750,000
2. 00 73 00 Supplementary Conditions
   a. Added section to the project
3. Section 07 61 00 Sheet Metal Roofing
   a. Refer to attached section for added manufacturers
4. Section 08 16 14 Fiberglass Doors
   a. Refer to attached section for changes to manufacturers
5. 10 14 19 Dimensional Letter Signage
   a. Changed color to SW6884 "Obstinate Orange"
6. 10 14 20 Vinyl Signage
   a. 2.01 Changed A12 to A6
7. Revise section 10 14 67, include clarification to tactile signage stand-off mounting.
8. Section 13 34 41 Pre-Engineered Shelter
   a. Refer to attached section for changes

CHANGES TO THE DRAWINGS

1. Drawing sheet LD1.1:
   a. Include removal of existing away (east) bleacher. Existing concrete pad to remain.
   b. Salvage/Relocate existing home (west) bleacher.
   c. Remove concrete pad for west bleacher.
2. Drawing sheet L1.1
   a. Added relocation of existing home bleacher
3. Drawing Sheet L1.2
   a. Added relocation of existing home bleacher.
   b. Include concrete pad expansion for handicap ramp on south side of existing concrete pad.
4. Drawing sheet A1.1:
   a. 1/A1.1 Casework layout revisions. Revised ice machine and refrigerator locations. Paper towel dispenser shown at three bay sinks.
   b. 8/A1.1 and 5/A1.1: Revised casework types, layouts and elevations.
   c. 7/A1.1 Revised mounting height for upper casework and revised height of upper casework.
   d. Equipment Schedule: New/ Existing column removed from schedule. Refer to equipment schedule notes for owner provided/ installed and contractor provided/ installed equipment.
5. Drawing sheet A2.1: revised keynote description for exterior metal signage. Color selection listed in specification section 10 14 19.
6. Drawing Sheet A9.1,
   a. Finish Material Schedule: Include section 09 65 13 Resinous Flake blend to the schedule.
   b. Added keynote to Mechanical Room A105, calling out Electrical Housekeeping Pad.

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7. Drawing Sheet E5.1: revised receptacle locations to reflect icemaker, refrigerator, and casework changes.
8. Drawing Sheet P2.1: revised piping layout for new location of ice machine.
9. Drawing Sheet P4.1: revised sanitary isometric for new location of ice machine.

ATTACHMENTS

The following attachments are included and are part of this addendum:

Pre-bid meeting minutes and the pre-bid meeting sign-in sheet.

Specification Sections: 00 73 00, 07 61 00, 08 16 14, 10 14 67, 13 34 41

Drawing Sheets: LD1.1, L1.1, L1.2, A1.1, A2.1, A9.1, E5.1, P2.1, P4.1

END OF ADDENDUM

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Pre-Bid meeting

Project name	Arcanum Booster Stadium Phase 3	GM project no.	23047.03
Meeting date	01/20/2026	Meeting location	Arcanum Schools District Office

Minutes

1. Attendees: Sign in sheet

2. Introductions

3. Project overview – New Concessions Building, New Pavilion, associated site, plumbing, HVAC, electrical and technology work. New Stadium bleacher work is being done under a separate contract and construction work is scheduled to be ongoing at the same time as this project.

4. Bidding
   a. Date: February 3, 2026
   b. Location: 2011 Trojan Avenue 45304
   a. Use the bid form provided.
   b. Plans have been submitted to Miami County Building Department for review and permits, costs to be paid by owner.

5. Bid categories
   a. General construction, non-prevailing wage

6. Alternates- refer to Specification Section 01 23 00 - Alternates
   a. Alternate 1: Resinous Flake Flooring

7. Contracts will be administered by Garmann/Miller & Associates, Inc.
   a. All questions and correspondence to go through Garmann Miller
   b. All RFIs to go through Garmann Miller
   c. Pay applications to go to Garmann Miller
   d. Garmann Miller will schedule a preconstruction meeting with the contractor after the notice of award.

8. Schedule
   a. Tentative award date – February 19, 2026
   b. Start of construction – March 2, 2026
   c. Completion date – August 15, 2026

9. General conditions
   a. Waste Removal: by Contractor

b. General Contractor
    i. Responsible for construction schedule and general supervision
    ii. Submit preliminary schedule 10 days after notice to proceed.
    iii. Responsible for scheduling and administering job meetings; prepare agenda, responsible for meeting minutes and distributing copies.
c. Responsible for field office
d. Responsible for telephone service/fax to field office.
e. Responsible for sanitary facilities
f. Barriers
g. Fencing
h. Exterior and interior enclosures
i. Project sign

10. Temporary electricity
    a. Electrical contractor to provide service, temporary power, temporary lighting, temporary service to general contractor job trailer.
        i. Temporary service to other job trailer is the responsibility of individual requiring.
    b. Cost of electricity by Contractor

11. Temporary heat
    a. Prior to building enclosure: Contractor requiring.
    b. After building enclosure:
        i. Method by contractor
        ii. Cost by Owner

12. Temporary water
    a. The general contractor shall connect to water utility supply and pay for installation of temporary metered service including tap fees and extend temporary water service to location required.
    b. Cost by Owner

13. Substitution request are due 10 days prior to bid.

14. Correspondence
    a. Correspondence to run through Garmann Miller
    b. CURT SOUTH – csouth@creategm.com

15. Questions and Answers
    a. Question - Is the electrical work shown at the Bleachers on the Site Electrical Drawing to be included in the base bid?
        i. Answer - yes

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Sign-in Sheet

Project Name: Arcanum Booster Stadium Phase 3 | GM Project No.: 23047.03
Meeting Location: Arcanum Schools District Office | Meeting Date: 11/20/26

Purpose: Pre-Bid Meeting

Attendees

Name	Ryan Stewart	Phone	937-673-0368
Business/Title	Level MB - PM		
Email	RStewart@levelmb.com		
Name	ALLISON RODRIGUEZ	Phone	9376714436
Business/Title	LEVEL MB - PRECON LEAD		
Email	ARODRIGUEZ@LEVELMB.COM		
Name	Campbell Gostomsky	Phone	937-222-1501
Business/Title	AKA- Construction		
Email	Campbell@aka-construction.com		
Name	Shane Rhodehamel	Phone	937.459.9873
Business/Title	True United Contractors Estimator/PM		
Email	srhodehamel@trueunitedcontractors.com		
Name	JOHN WAITES	Phone	937 938 0262
Business/Title	TRUE UNITED CONTRACTORS		
Email	Jwaites@trueunitedcontractors.com		
Name	Corbin Hess	Phone	937-417-7984
Business/Title	C L E.I		
Email	Corbin@ci2000.net		
Name	Brandon Forsthoefel	Phone	419-628-2357
Business/Title	HA Dorsten		
Email	bforsthoefel@hadorsteninc.com		
Name	Marcus Horner	Phone	937-692-6330
Business/Title	Arcon Builders		
Email	Marcushorner@arconbuilders.com		

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Name	Mark Safreed	Phone 937.418.6502
Business/Title	Westerheide Const / PM	
Email	mark@westerheidecc.com	
Name	CHRIS ROBINSON	Phone 937-692-5107
Business/Title	BRUMBAUGH CONST	
Email	chris@brumbaughconstruction.com	
Name	MATT NIEMEYER	Phone 419-605-5512
Business/Title	GRAND LAKE BUILDING	
Email	MATT@GRANDLAKEBUILDINGCO.COM	
Name	Mike Bender	Phone 419-852-2077
Business/Title	Bender Electric	
Email	Mike@benderelectrical.com	
Name	Matt Hoggatt	Phone 937 621 4806
Business/Title	Bender Electric	
Email	Matt@benderelectrical.com	
Name	John Stephens	Phone 937-692 5174
Business/Title	Arcanum - Butler Supt.	
Email	john-stephens@arcanum-butler.k12.oh.us	
Name	Matt Huffman	Phone 937-692-5174 x1322
Business/Title	Arcanum-Butler Local	
Email		
Name		Phone
Business/Title		
Email		
Name		Phone
Business/Title		
Email		
Name		Phone
Business/Title		
Email		

SECTION 00 73 00 - SUPPLEMENTARY CONDITIONS

MODIFICATIONS TO AIA

These Supplementary Conditions amend or supplement the General conditions of the Contract for Construction (AIA Document A201, 2017 edition) and other provisions of the Contract Documents as indicated below. All provisions which are not so amended or supplemental remain in full force and effect.

The terms used in these Supplementary Conditions which are defined in the General Conditions of the Contract of Construction (AIA Document A201, 2017 Edition) have the meanings assigned to them in the General Conditions.

ARTICLE 1 - GENERAL PROVISIONS

Paragraph 1.1 Basic Definitions: Add the following paragraphs

1.1.9 Furnish: The term 'furnish' shall mean to purchase and deliver product to the site ready for installation.

1.1.10 Install: The term 'install' shall mean to take furnished product and assemble, erect, secure in place, connect in operation as applicable.

1.1.11 Provide: The term 'provide' shall mean to furnish and install.

Paragraph 1.2 Correlation and Intent of the Contract Documents:

Add the following paragraph 1.2.1.1

1.2.1.1 In the event of inconsistencies within or between the Contract Documents, the Contractor shall provide the better quality or greater quantity of Work and shall comply with the stricter requirements.

ARTICLE 2 - OWNER

Paragraph 2.1.2.1; Add the following:

The Owner shall prepare a Notice of Commencement for the Project as required by the Ohio Revised Code and provide a copy to the Contractor.

Add paragraph 2.1.3

2.1.3 The Owner shall mean:

Arcanum-Butler Local School District
2011 Trojan Avenue, Arcanum, Ohio 45304
Arcanum, Ohio 45304

Paragraph 2.3.4: Modify to read

2.3.4 The owner shall not be responsible for furnishing surveys or other information as to the physical characteristics, legal limitations, or utility locations for the Project site, except as included in the Contract Documents. The Contractor shall confirm the location of each utility.

ARTICLE 3 - CONTRACTOR

Article 3.2 Review of Contract Documents and Field Conditions by Contractor.

Add the following paragraph 3.2.2.1

3.2.2.1 If the contractor finds any perceived conflict, error, omission or discrepancy on, or between the drawings, specifications, or any of the contract documents, the contractors, before proceeding with the work, shall submit a request to the architect for an interpretation or clarification, the contractor shall be responsible for the prompt delivery of such request.

The architect shall respond to the requests for interpretation of the contract documents within three (3) business days.

3.2.2.2 Any interpretation of the Contract Documents made by any party other than the architect or in any manner other than writing, shall not be binding and the contractor shall not rely upon any such interpretation.

Article 3.4 Labor and Material

Paragraph 3.4.2 add the following at the end of the paragraph:

See Substitution Procedures in Section 01 60 00 - Product Requirements for additional requirements.

Article 3.5 Warranty

Add the following to paragraph 3.5.1

The contractor shall warranty and guarantee that all work is in conformity with the Contract Documents and free from defects in workmanship, materials and equipment for a period of one (1) year in addition to other warranties and guarantees specified in the Contract Documents. The performance bond will remain in effect during the warranty period

The warranty and guarantee time period shall commence on the date that the Certificate of Substantial Completion is issued by the architect unless otherwise provided in writing.

The warranty and guarantee provided in this article shall be in addition to and not limitation of any other warranty and guarantee or remedy provided by law or by the Contract Documents.

Should defects in the work become apparent within the warranty and guarantee period, the owner shall promptly notify the contractor in writing and provide a copy of the notice to the architect. Within ten (10) days of receipt of the notice, the contractor shall visit the project in the company of the owner to determine the extent of the defects and shall promptly repair or replace the defective work, including adjacent work damaged as a result of such defects and as a result of remedying the defects whether or not such adjacent work was originally provided by the contractor. The contractor shall be responsible for the cost of temporary materials or equipment required during the repair or replacement of the defective work.

If the defective work is considered by the Owner to be an emergency, the owner may require the contractor to visit the project within one (1) day of receipt of the notice.

Work which is repaired or replaced by the contractor shall be inspected and accepted by the Owner. The repaired and replaced work shall be guaranteed by the contractor for one (1) year from the date of acceptance by the owner.

Article 3.6 Taxes

Add the following:

The Contractor acknowledges that the Owner is a political subdivision of the State of Ohio or tax exempt organization and is exempt from state sales, use and commercial activity taxes. Upon written request, the Owner will provide the Contractor with an applicable certificate of exemption.

Article 3.7 Permits, Fees and Notices

Omit paragraph 3.7.1 and add the following:

3.7.1 The Owner shall secure and pay for the Certificate of Plan Approval and Plumbing Approval as required by the Ohio Building Code. The owner will pay for the sprinkler and fire alarm fees as required by the Ohio Building Code with the sprinkler contractor and the fire alarm contractor submitting drawings and calculations required (seven sets minimum) to the architect. The contractor shall secure and pay for all other building permits, tap fees, user fees, and governmental fees, licenses and inspections. The contractor is to verify the exact cost of permits, fees, licenses and inspections. No

additional cost or change orders will be permitted because of causal or approximated fees or escalation of fees occurring after award of contract.

Article 3.11 Documents and Samples at the Site

Add the following paragraph 3.11.1

3.11.1 The Contractor shall maintain readily accessible to the authorities having jurisdiction, the Architect, and the Owner drawings, project manual and related documents approved by appropriate building departments and authorities having jurisdiction.

Article 3.12 Shop Drawings, Product Data and Samples

Add the following paragraph 3.12.11

3.12.11 Refer to Section 01 30 00 Administrative Requirements for additional requirements.

Article 3.13 Use of the Site

Add the following paragraphs

3.13.1 Damage to road, features, or the grounds, resulting from hauling, storage of materials, or other activities connected with the work shall be repaired by the contractor at his expense to the satisfaction of the Architect.

3.13.2 The contractor and any entity for whom the contractor is responsible shall not erect any sign at the project site without the consent of the owner.

Article 3.16 Access to Work

Add the following to paragraph 3.16

The contractor shall provide proper facilities for such access and observation.

Add the following paragraph 3.16.1

3.16.1 The Contractor shall provide access to the work in preparation and progress as required for special inspection required by the building department or authority having jurisdiction.

ARTICLE 4 - ARCHITECT

Article 4.1.1

Add the following paragraph 4.1.1.1

4.1.1.1 Architect shall mean: Garmann/Miller and Associates, Inc., 38 South Lincoln Drive, Minster, Ohio 45865

ARTICLE 8 - TIME

Add the following to Article 8.4

8.4.Liquidated Damages

8.4.1 Upon Failure to have all work substantially completed within the time period stated, or failure to have the applicable portion of the work substantially complete upon any milestone date, the Owner shall be entitled to retain or recover from the Contractor, as Liquidated Damages, and not as a penalty, the applicable amount set forth in the following table for each and every calendar day thereafter until Contract Completion, unless an extension of time is granted in accordance with the Contract Documents.

Contract Amount	Dollars per Day
less than $50,000.00	$300.00
More than $50,000.00 to $150,000.00	$500.00
More than $150,000.00 to $500,000.00	$1000,00
More than $500,000.00 to $2,000,000.00	$2,000.00
More than $2,000,000.00 to $5,000,000.00	$3,000.00

More than $5,000,000.00	$4,000.00

8.4.2 The amount of Liquidated Damages is agreed upon by and between the Contractor and the Owner because of the impracticality and extreme difficulty of ascertaining the actual amount of damage the Owner would sustain.

ARTICLE 9 PAYMENT AND COMPLETION

ARTICLE 9.3 - **Applications for Payment**

Add the following to Article 9.3.1

9.3.1.3 The form of Application for Payment will be a notarized AIA Document G702, Application and Certificate for Payment with AIA Document G703, Continuation Sheet. Applications for payment shall be made at approximately 30 day intervals. The contractor shall submit in triplicate the Application for Payment and Continuation Sheet. The Continuation Sheet (G703) shall be prepared the same as the Schedule of Values.

9.3.1.4 Contractor shall submit with each Application for Payment a notarized affidavit that payroll, bills for equipment, material and any other indebtedness connected with the work for which the previous Applications for Payment submitted and the owner might any way be responsible, have been paid. Also, submit release of liens arising out of the contract from each subcontractor, supplier, material person and laborer of the contract.

9.3.1.5 Schedule of Values (AIA Form G703 - Application and Certificate for Payment Continuation Sheet) shall utilize the table of contents of the Project Manual to identify each line item with title and number of the specification Section. Each line item including subcontracted work shall be shown with separate amounts for labor and material.

9.3.1.5.1 Identify on separate line items; Bonds, Insurance, Permits, Allowances, Site Mobilization, and Project Closeout (punch list, attic stock, project record drawings, training, final cleaning).

9.3.1.5.2 If the project is of sufficient size or nature, the Schedule of Values various items shall be subdivided into areas or units when requested by the Architect.

9.3.1.5.3 The architect reserves the right to use the approved Schedule of Values to determine the cost or credit resulting from any changes to the Work.

9.3.1.6 Labor Payments - Partial payments for labor performed under lump sum contract shall be made at the rate of 92 percent of the amount invoiced through the Application for Payment which shows the total contract completion at 50 percent or greater. After the contract is 50 percent complete, as evidenced by payments in the amount at least 50 percent of the labor contract price to the contractor, no additional funds will be retained. Retained funds will be deposited accordance to Paragraph 9.3.1.8

9.3.1.7 Material Payments - Partial payments for materials delivered on the site, or other point in the vicinity of the Project, or otherwise stored, as approved by the Architect, under lump sum contract shall be made at the rate of 92 percent of the amount invoiced. Payment for material incorporated into the project shall be made at the rate of 100 percent of scheduled value. Retained funds will be deposited accordance to Paragraph 9.3.1.8. The balance such invoiced cost shall be paid when such material is incorporated into and becomes part of the Project.

9.3.1.8 All funds retained shall be deposited in an escrow account with a bank in the state in accordance with the term as, and conditions provided in an escrow agreement executed by the contractor, the Owner and the applicable bank.

9.3.1.9 When the project is complete and there exists no other reason to withhold retainage, the retained percentages held in connection with such portions shall, upon request of the contractor, be released from escrow and paid to the contractor,

withholding that amount necessary to assure completion. The amount of fund retained to assure completion of the work shall not be less than two (2) times the value of the work as determined by the Architect and Owner.

Add the following to paragraph 9.3.2

9.3.2.1 Where it is to the owner's best interest, materials stored off site will receive payment provided the contractor furnished to the owner with the monthly application for payment the following:

A list of the materials consigned to the project giving the place of storage, together with copies of invoices and reasons why materials cannot be delivered to the site.

Certification that all items are tagged for delivery to the project and that they will not be used for any other purpose.

Evidence of adequate insurance covering the material stored naming the owner as additionally insured.

The owner and architect shall have the right to inspect all materials stored.

When payment is allowed on account of material delivered on the site of the work or in the vicinity thereof or under the possession and control of the contractor but not yet incorporated therein, such material shall become the property of the owner, but if such material is stolen, destroyed, or damaged by casualty before being used, the contractor will be required to replace it at the contractor's expense

Add the following to paragraph 9.3.3

9.3.3.1 No materials or supplies for the work shall be purchased by the contractor or any subcontractor subject to any chattel mortgage, under conditional sale contract or other agreement by which an interest is retained by the seller.

ARTICLE 11 INSURANCE AND BONDS

11.1 - Contractor's Insurance and Bonds

Add the following to Article 11.1.1:

11.1.1.1 A commercial general liability policy and business automobile liability policy, separately or combined, shall be maintained to provide insurance as set forth in paragraph 11.1.1.

11.1.1.2 Such commercial general liability and business automobile liability insurance may be either combined single limits or split limits as provided below. An umbrella or excess liability policy may be used in combination with the commercial general liability and business automobile insurance to meet such limits:

Contracts in the maximum of $100,000 or less shall require coverage in the amount of not less than $1 million general aggregate and per occurrence.

Contracts in excess of $100,000 but not more than $5 million shall require coverage in the amount of not less than $3 million general aggregate and per occurrence.

Such policies shall be endorsed to provide that the general aggregate limit applies separately to each of the insured contractor's projects.

11.1.1.3 If commercial general liability and business automobile liability insurance is written with split limits, the following minimum limits shall be provided:

Contracts in the amount of $100,000 or less shall require coverage in the amount of not less than $500,000 for injuries, including death, to one person, and $1 million per occurrence and $500,000 property damage.

Contracts in excess of $100,000 but not more than $5 million shall require coverage in the amount of not less than $1 million for injuries, including death, to one person, and $1 million per occurrence and $1 million property damage,

together with an umbrella or excess liability policy of not less than $2 million per occurrence.

11.1.1.4 For any demolition, blasting, excavating, tunneling, shoring or similar operations, the contractor shall provide and maintain property damage liability insurance with a limit of liability equal to such limit as specified in the application sections of paragraphs 11.1.1.2 and 11.1.1.3.

11.1.1.5 Insurance polices shall be written on an occurrence basis only.

11.1.1.6 Products and completed operation coverage shall commence with the certification of final Certificate of Payment to the Contractor and extend for not less than two years beyond that date.

11.1.1.7 The Owner shall be provided a copy of the policy and named as a certificate holder on the policies of insurance which are maintained by the Contractor. The Owner shall be notified of any change in policy coverage.

Omit paragraph 11.1.2 and substitute the following:

11.1.2 The contractor shall furnish surety bonds covering faithful performance of the contract and payment of obligations arising there under. Cost of surety bonds shall be included in contract sum. The amount of each bond shall be equal to one hundred percent (100%) of the contract sum. Bond shall be in a form in compliance with the Ohio Revised Code 153.57.

11.1.2.1 If at any time the owner for justifiable cause shall be dissatisfied with a surety, or sureties, the contractor shall within five (5) days after notice from the owner, substitute an acceptable bond (or bonds) in such form and sum by another surety or sureties as may be satisfactory to the owner. The premiums on such bond shall be paid by the contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished a acceptable bond to the owner.

11.2 Owners Insurance

11.2.1.1 - Owners Property Insurance Policy (Builders Risk): The Owner shall provide and maintain, during the progress of the work and until the execution of the certificate of substantial completion by the architect, a Property (builder’s risk) Insurance Policy to cover all work in the course of construction including falsework, temporary buildings and structures, and materials used in the construction process that are stored on site. Such insurance shall be on a "Risk of Direct Physical Loss" form policy and shall insure against the perils of fire and extended coverage and physical loss or damage including, but not limited to, theft, vandalism, malicious mischief, earthquake, tornado, lightning, explosion, breakage of glass, flood, collapse and water damage. It shall also include debris removal, demolition occasioned by enforcement of an applicable legal requirement, and shall cover reasonable compensation for the state’s services and expenses required to limit further loss.

11.2.1.2 - Coverage must include provision to pay the reasonable extra costs of expediting temporary and/or permanent repairs to, or permanent replacement of damaged property. This shall include overtime wages and the extra cost of "express" or other means for rapidly transporting materials and supplies necessary to such repair or replacement.

11.2.1.4 - Coverage for other perils may be required if specified in the special conditions.

Unless otherwise specified in the contract documents, the builder’s risk policy shall be written in the amount equal to 100 percent of the contract price, including landscaping, paving and other site work.

11.2.1.5 - The builder’s risk policy shall specifically permit and allow for partial occupancy by the owner prior to acceptance of the project by the architect.

11.2.1.6 Property insurance provided by the Owner shall not cover any tools, apparatus machinery, scaffolding, hoist, forms, staging, shoring, and other similar items commonly referred to construction equipment that may be on site and the capital value of which is not included in the Work, nor shall such insurance cover any material or equipment before these materials and equipment are incorporated into the Work. The contractor shall make its own arrangements for any insurance it may require for such construction equipment, materials, and equipment.

ARTICLE 15 - ARBITRATION

15.4 Arbitration: Delete this article. Arbitration is not an acceptable form of binding disputeresolution for this project.

GENERAL NOTES

CONDITIONS PRECEDENT FOR EXECUTION OF AGREEMENT

THE FOLLOWING ITEMS SHALL BE FURNISHED ELECTRONICALLY:

Declaration of Insurance, including property insurance (builders risk)

Ohio Workers Compensation Certificate

A Contract Cost Breakdown Showing itemized Labor & Material amounts for the Total Contract Price

Performance and Payment Bond, Power of Attorney for the bonding agent.

A Certificate of Compliance issued by the Department of Insurance showing the Bonding Co. is licensed to do business in the State of Ohio.

Financial Statement of Bonding Co.

DOCUMENTS REQUIRED AFTER ISSUANCE OF NOTICE TO PROCEED

The architect shall issue a notice to proceed which shall establish the date for commencement of the project time. The contractor will, within 10 days of the date of the Notice to Proceed, furnish the architect ELECTRONICALLY:

A Schedule of Values (AIA Document G703, Continuation Sheet)

A Time Schedule of the Work.

A list of proposed Sub-contractors.

A list of Material Suppliers.

An estimated schedule of monthly payments.

DISCRIMINATION AND INTIMIDATION

The prohibition against discrimination and intimidation on account of race, creed, or color, and the provisions as to forfeitures to be applied in the event of violation of contract regarding same, as contained in sections 153.59 and 153.60, and sections 4112.01 through 4112.99, inclusive, of the Revised Code of Ohio, shall apply to all contracts entered into in conjunction with the work.

END OF SECTION 00 73 00

SECTION 07 61 00
SHEET METAL ROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Complete preformed, roof system, including all materials, associated flashings, trim, closures, fasteners, framing, supports, sealants and underlayment required.

B. Counterflashings.

C. Underlayment

D. Eave Protection

E. Integral fascias.

F. Sealants for joints within sheet metal fabrications.

G. Soffits

1.02 RELATED REQUIREMENTS

A. Section 07 72 00 - Roof Accessories: Manufactured accessories.

1.03 REFERENCE STANDARDS

A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2020.

B. ASTM B32 - Standard Specification for Solder Metal; 2020.

C. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2014.

D. ASTM E 1646 - Standard Specification for Water Infiltration.

E. ASTM E 1680 - Standard Specification for Air Infiltration

F. AISC Catagory MB Certification

G. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene two weeks before starting work of this section.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Engineered Drawings: Manufacturer of the roofing system, shall provide engineer stamped drawings certifying that the roof system is designed specifically for this project and will meet all State of Ohio Building Codes. Engineer shall be certified in the State of Ohio.

C. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.

D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

E. Manufacturer's Field Reports: Indicate procedures followed, ambient temperatures, humidity, wind velocity during application, and supplementary instructions given.

F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

G. Product Data: Provide data on metal types, finishes, characteristics .
   1. Flashing materials
   2. Insulation
   3. Fasteners

4. Pre-manufactured pipe flashing
5. Accessories

H. Installation Samples: Submit two samples illustrating metal roofing mounted on plywood backing illustrating typical seam.

I. Color Samples: Submit two samples illustrating metal finish color.

1.06 QUALITY ASSURANCE

A. Perform work in accordance with SMACNA (ASMM) requirements and standard details, except as otherwise noted.

B. Manufacturer's Qualifications: Roof system manufacturer has been engaged in the fabrication of metal roof systems for at least ten years.
1. The Manufacturer shall be a member of the Metal Building Manufacturer's Association (MBNA).
2. The American Institute of Steel Construction (AISC) currently certifies the Manufacturer for Category MB.
3. The Manufacturer maintains a certified installer program for its products and maintains an up to date authorized roofing contractor list.
4. The Manufacturer has a written warranty covering durability, color and weather tightness of its roof system.
5. Manufacturer shall produce the metal roof panels on fixed equipment operated by the manufacturer. Portable roll forming shall not be permitted except for special applications and shall be licensed and operated by the Manufacturer in a permanent manufacturing facility.
6. Manufacturing facilities shall be currently under inspection by Underwriters Laboratory personal to verify compliance that the products fabricated are in accordance with the specifications of the products which were originally tested
7. Manufacturer's Field Services: Manufactures Technical Representative Inspection: Minimum of three visits to the jobsite to inspect and monitor the installation of the metal roof system. After each inspection provide the installer with a detailed written report communicating issues and progress of the roof inspection. All inspections must be performed by a technical field representative. A copy of the report shall be forwarded to the Architect for information purposes.
    a. Should the roofing system not be approved by the manufacturer’s technician, correcting the defective work shall be done by the contractor until the roofing system satisfactorily meets all the specifications and manufacturer’s requirements.

C. Installer Qualifications: Company specializing in performing sheet metal roof installations with minimum 10 years of experience on projects of similar size and scope.
1. Roofing Contractor shall be certified by the Manufacturer to install Manufacturer's roof system.
2. Roofing Contractor shall follow the Manufacturer's installation details without exception unless written authorization from the manufacturer and architect are provided on an installation detail revision.
3. Roofing Contractor shall have no viable claims pending regarding negligent acts or defective workmanship on previously performed or current projects.
4. Roofing Contractor shall have not filed for protection from creditors under any state or federal insolvency or debtor relief status or codes.
5. Roofing Contractor shall execute 100% of the roof system installation, utilizing full time employees of the Roofing Contractor. Second and third tier sub-contractors for the installation work in this section are not permitted.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Deliver roof system components to the project site in Manufacturer's unopened original containers.

B. Protect roof system components during shipment, storage, handling and erection from mechanical abuse, stains, discoloration and corrosion.

C. Provide strippable plastic film on all painted surfaces between contact areas to prevent abrasion during shipping, storage, and handling.

D. Stack material to prevent twisting, bending, or abrasion, and to provide ventilation. Store materials off the ground, under protective cover. Slope metal sheets to ensure drainage.

E. Prevent contact with materials that could cause discoloration or staining.

F. Damaged materials will be rejected and removed from the site.

1.08 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. General Warranty: The warranties specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents

C. Standard Manufacturer Roof Warranty: Provide a written warranty, with no monetary limitation, signed by roofing manufacturer agreeing to promptly repair leaks resulting from defects in materials or workmanship for the following warranty period:
   1. Warranty Period: 20 Years from the date of Substantial Completion

D. Weathertightness Warranty: Provide manufacturer's written weathertightness warranty for a minimum of 20 years against leaks in roof panel arising out of or caused by ordinary wear and tear under normal weather and atmospheric conditions. Warranty shall be signed by both the roofing system manufacturer and the roofing system contractor.

E. Finish Warranty: Furnish panel manufacturer's written warranty for twenty (20) years covering the finish of exposed coated metal surfaces including but not limited to roof panels, counterflashings, gutters, downspouts, fascias and trim flashings against blistering, peeling, cracking, flaking, checking, chipping, rusting, and chalking and color change during the warranty period.

F. Roofing Contractor Warranty: The roofing contractor will guarantee, from the date of Substantial Completion, at his cost and expense make or cause to make such repairs to the roof resulting from faults or defects in material or workmanship as necessary to maintain the roof in a watertight condition. Guarantee shall include, but is not limited, roof panels, flashing, roof insulation, fasteners, valleys, fascia, gutters, downspouts, trim flashings and roof joints. (Copy of the Warranty is included at the end of this Section.)
   1. Guarantee shall include, but is not limited, roof membrane, flashing, roof insulation, fasteners, walkways, and roof expansion joints.
   2. Warranty Period: 2 Years from the date of Substantial Completion
   3. Repairs required, either permanent or temporary, to the roofing or roof flashing under this guarantee shall be made within 3 days after notice of the need for repair. Should the contractor fail to make such repairs within the time period, the Owner may have the repairs made and the cost paid by the Contractor.
   4. Copy of the warranty is include at the end of this section.

PART 2 PRODUCTS

2.01 GENERAL

A. Product Source:

1. Single source responsibility for panel materials: Metal roof panels, wall panels, soffit panels and related metal components from a single manufacturer.

2.02 ROOF SYSTEM

A. Basis of Design:
   1. DMI; Span-Lock SL2016: www.dmimetals.com

B. Other Acceptable Manufacturers:
   1. AEP Span; Span-Lok hp: www.aepspan.com
   2. Berridge; Double-Lock Zee-Lock Panel: www.berridge.com
   3. Centria; SDP 200: www.centria.com
   4. Elevate; UNA-CLAD UC-6: www.holcimelevate.com
   5. **Exceptional Metals; EM BattenLok HS: www.exceptionalmetals.com**
   6. **Sheffield Metals; SMI 2.0 Mechanical Seam: www.sheffieldmetals.com**
   7. PAC-CLAD; Tite-Loc: www.pac-clad.com

C. Sheet Material: 22 gauge (.027"), 50 ksi steel sheet Galvalume Aluminum-Zinc Alloy Coated Steel Grade C meeting ASTM A792
   1. Prepainted by the coil coating process to comply with ASTM A755
   2. Panel continuous length without seam except where noted on the drawings.
   3. Finish: 2-coat fluoropolymer, 70 percent PDVF resin.
   4. Color: Selected from metal roof systems standard offering.

2.03 SOFFIT SYSTEM

A. Basis of Design:
   1. DMI; Vented Soffit VS-0512: www.dmimetals.com

B. Other Acceptable Manufacturers:
   1. AEP Span: www.aepspan.com
   2. Berridg: www.berridge.com
   3. Centria: www.centria.com
   4. Elevate: www.holcimelevate.com
   5. McElroy Metal: www.mcelroymetal.com
   6. PAC-CLAD: www.pac-clad.com.

C. Soffit panel to be nominal 12 inches wide perforated to all own 7.5% free air with V groove in the middle, conceal fastener leg with concealed fasteners

D. Sheet Materials: Soffit and related soffit flashing and trim metal
   1. Aluminum Sheet: ASTM B 209 (ASTM B 290M) 0.032 inch thick
   2. Panel continuous length.
   3. Texture: Smooth
   4. Finish: Premium fluorocarbon coating - Kynar 500 or Hylar 5000
   5. Color: Selected from metal roof systems standard offering.

2.04 ACCESSORIES

A. General: Provide trim/flashing, fascias, ridge, valley, closures, gutters, gutter hangers and other related required items to provide a complete system

B. Clip: One piece floating clip with 3 1/2" x 6" x 18 ga. bearing plates screwed into metal deck at 36 inches on center of per roof manufacturer's requirements.

C. Fasteners:
   1. Use long life fasteners for all interior and exterior applications
   2. Provide fasteners with a factory applied coating in a color to match metal roof system.
   3. Provide neoprene washers under heads of exposed fasteners.

D. Gutter:
   1. Gutter size as indicated on drawings with 18 gauge gutter strap/spacer located 32 on center or less.
   2. Gutter shall be full length or 20' long multiple lengths.
   3. Provide expansion joints with cover plates at maximum every 50 foot of gutter.
   4. Gutters shall be 20 gauge same color as roof panel and same finish.
   5. Gutter Bracket: Width 2 inches wide by 3/16 inch thick

E. Downspouts:
   1. Downspouts shall be full length or 8 foot long multiple lengths.
   2. Downspouts shall be 20 gauge or heavier with finish matching roof.
      a. Downspouts shall be 6 inches by 4 inches
   3. Structural Steel downspouts shall be 6 " x 4" x 3/16" thick with finish matching roof panel.
   4. Brackets shall be spaced no more than 8 feet apart.
      a. Brackets to be same gauge or thickness a downspout
      b. Brackets to be U shaped with flanges.

F. Gutter Diverters:
   1. Formed in sections not less than 3 feet in length..
   2. Diverters shall be the same gauge as the gutters and same finish.

G. Fascia:
   1. Formed to size and configuration as indicated on drawings.
   2. Fascia shall be 20 gauge or heavier and same finish as roof panel.

H. Vapor Barrier:
   1. ASTM C 1136-06
   2. Maximum permeance rating of 0.13 perm.
   3. Manufacturers:
      a. Griffolyn Type-65; Reef Industries, Houston, Texas
      b. DURA-SKRIM 6WW; Raven Industries, Sioux Falls, South Dakota
      c. WMP-VR; Lamtec Corporation, Mount Bethel, Pennsylvania

I. Roof Jacks, Crickets and Flashings: Provide roof jacks, crickets and flashings for all roof penetrations.
   1. Curbs shall be constructed using minimum .080, 3003H14 aluminum, or heavier as required to support the load of the equipment, with fully mitered and heli-arc welded corners, integral base plates, with water diverter cricket.
   2. Minimum height of Curb shall be 12" above finished roof.
   3. Curbs shall be constructed to match slope of roof and provide a level top surface for mounting of equipment.
   4. Curb flange shall be constructed to match configuration of roof panel. Side flange shall extend to the next natural seam in the roof panels and conform to seam configurations.
   5. Color: Surfaces exposed to view are to match the color of the roof panels
   6. Manufacturers:
      a. LM Curbs, Longview TX
      b. ThyBar, Addiston IL
      c. RPS Accessories, Bensenville Il.
      d. Substitutions: See Section 01 6000 - Products Requirements

J. Vented Soffit Trim:
   1. Color: Surfaces exposed to view to match the color of the soffit.

K. Pipe flashing: Provide EPDM rubber flashings for vent penetrations.

L. Soffit Framing:
    1. Framing System Components: Meeting requirements of ASTM C 645-08; C-channel, roll-formed from hot dipped galvanized steel; complying with ASTM A 1003 and ASTM A653 G40 or equivalent corrosion resistant coating.
        a. Studs: C shaped with flat or formed webs.
        b. Furring: Hat-shaped sections, minimum depth of 7/8 inch.

M. Fasteners: Galvanized steel, with soft neoprene washers.

N. Protective Backing Paint: Zinc molybdate alkyd.

O. Sealant to be Concealed in Completed Work: Non-curing butyl sealant.

P. Sealant to be Exposed in Completed Work: {rs#1} elastomeric sealant, 100 percent silicone with minimum movement capability of plus/minus 25 percent and recommended by manufacturer for substrates to be sealed; clear.

Q. Underlayment (Eave Protection Sheet): Rubberized asphalt bonded to sheet polyethylene, 40 mil total thickness, with strippable treated release paper.
    1. Thermal Stability: Stable after testing at 240 deg F; ASTM D 1970.
    2. Low-Temperature Flexibility: Passes after testing at minus 20 deg F; ASTM D 1970.
    3. Manufacturer:
        a. Certainteed; Grace Vycor Ice & Water Shield
        b. Protecto Wrap, Safe Seal 6640
        c. Dimensional Metal Inc, Dynaclad Ultra HT
        d. Substitutions: See Section 01 6000 - Products Requirements

R. Solder: {rs#1}; Sn50 (50/50) type.

2.05 FABRICATION

A. Form sections true to shape, accurate in size, square, and free from distortion or defects.

B. Fabricate cleats of same material as sheet, thickness to match roofing sheet, and interlockable with sheet.

C. Fabricate starter strips, interlockable with sheet.

D. Form pieces in longest practical lengths.

E. Hem exposed edges on underside 1/2 inch; miter and seam corners.

F. Form material with standing seams, except where otherwise indicated. At moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.

G. Fabricate corners from one piece with minimum 18 inch long legs; seam for rigidity, seal with sealant.

H. Fabricate vertical faces with bottom edge formed outward 1/4 inch and hemmed to form drip.

PART 3 EXECUTION

3.01 GENERAL REQUIREMENTS:

A. Install roofing and flashing in accordance with approved shop drawings and manufacturer's product data, within specified tolerances.

B. Isolate dissimilar metals, masonry and concrete from metal roof system with bituminous coating.

C. Anchorage shall allow for thermal expansion and contraction without stress or elongation of panels, clips or anchors.

D. Coordinate flashing and sheet metal work to provide watertight conditions at roof terminations. Fabricate and install in accordance with standards set forth in the SMACNA Manual using continuous cleats at all exposed edges.

3.02 EXAMINATION

A. Inspect roof deck to verify deck is clean and smooth, free of depressions, waves, or projections, properly sloped to drains.

B. Verify deck is dry and free of snow or ice.

C. Verify correct placement of wood nailers and insulation positioning between nailers.

D. Verify roof openings, curbs, pipes, sleeves, ducts, or vents through roof are solidly set, reglets are in place, and nailing strips located.

E. Verify roofing termination and base flashings are in place, sealed, and secure.

3.03 PREPARATION

A. Install starter and edge strips, and cleats before starting installation.

B. Install surface mounted reglets true to lines and levels; seal top of reglets with sealant.

C. Back paint concealed metal surfaces and surfaces in contact with dissimilar metals with protective backing paint to a minimum dry film thickness of 15 mil.

D. Place eave edge and gable edge metal flashings tight with fascia boards. Weather lap joints 2 inches and seal with plastic cement. Secure flange with nails spaced 16 inches OC.

3.04 INSTALLATION - ROOFING

A. Install Vapor Retarder
   1. At acoustical metal deck, install acoustical insulation in roof deck flutes.
   2. Loosely lay vapor retarder over entire roof area extending to roof edges and to adjacent walls
   3. Side and end laps of each sheet a minimum of 6 inches
   4. Seal laps with continuous strip of tape recommended by the vapor retarder manufacturer.
   5. Seal at penetrations and at roof edges with manufacturer recommended butyl tape or sealant
   6. Vapor retarder shall be positively sealed at all edges, penetrations and wall utilizing manufacturers' vapor retarder accessories

B. Install Roof Insulation
   1. Install in single layer laid perpendicular to slope
   2. Install second layer lapping all joints a minimum of 6 inches.
   3. At all valley and ridge locations miter edges.

C. Apply underlayment over entire roof area.
   1. Apply in single layer laid perpendicular to slope; weather lap edges 4 inches

D. Install metal roof system in accordance to manufacturer's instructions and shop drawings.
   1. Install metal roof system so that it is weather tight, without waves, warps, buckles, fastening stresses or distortion, allowing for expansion and contraction.
   2. Provide concealed anchors at all panel attachment locations
   3. Install panels plumb, level and straight with seams and parallel, conforming to design indicated.

E. Flash around roof mounted equipment. This will become part of the roofing warranty

F. Install pipe flashing at all pipe penetrations.

G. Cleat and seam all joints.

H. Use plastic cement for joints between metal and bitumen and for joints between metal and felts.

I. Provide gutters, downspouts, and fascias.

3.05 INSTALLATION - FLASHINGS

A. Install flashings, including laps, splices, joints, bonding, adhesion, and attachment, as required by roof panel manufacturer's recommendations and details.

B. Comply with SMACNA (ASMM) details.

C. Insert flashings into reglets to form tight fit.
   1. Seal flashings into reglets with sealant.

D. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted.

E. Cleat and seam all joints.

F. Apply plastic cement compound between metal flashings and felt flashings.

G. Fit flashings tight in place, and make corners square, surfaces true and straight in planes, and lines accurate to profiles.

H. Seal metal joints watertight.

3.06 INSTALLATION - SOFFIT

A. Inspect soffit framing to verify the framing is smooth, free of waves and projections.

B. Verify soffit openings, lights, louvers and other recessed equipment are in place.

C. Install starter, edge strips and molds around perimeter before starting installation.

D. Start panel installation at one end and continue to the other end of soffit.

E. Push panel into adjacent panel and fasten through the flange at 24 inches on center (maximum)

F. Panels to be installed perpendicular to the exterior building wall

G. Align panel joints at intersections.

3.07 FIELD QUALITY CONTROL

A. See Section 01 40 00 - Quality Requirements, for general requirements for field quality control and inspection.

B. Inspection: Roofing manufacturer’s technical representative and roofing contractor shall conduct all required inspections. Submit all required drawings, details, and completed questionnaires to the roofing manufacturer before obtaining the specified warranty. After an authorized Technical Representative has inspected the roof for determining acceptability for warranty issuance, any deficiencies on the final inspection report shall be corrected by the contractor/applicator and made ready for reinspection within five (5) working days.

C. Warranty: Upon receipt of required materials, certifying inspection, and acceptance of the roofing system by the roofing manufacturer, the warranty shall be duly executed and issued to the Owner. Date of Warranty will be the date of Substantial Completion.

3.08 PROTECTION

A. Do not permit traffic over unprotected roof surface.

END OF SECTION 07 61 00

SECTION 08 16 14
FIBERGLASS DOORS

PART 1GENERAL

1.01 SECTION INCLUDES

A. Fiberglass reinforced polyester (FRP) flush doors with aluminum frames.

1.02 RELATED REQUIREMENTS

A. Section 07 92 00 - Joint Sealants

B. Section 08 7100 - Door Hardware.

C. Section 09 9000 - Painting and Coatings

D. Division 26 - Electrical

E. Division 27 - Communications

F. Division 28 - Electronic Safety

1.03 REFERENCES

A. AAMA 1503-98 - Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections.

B. ANSI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings.

C. ASTM B 117 - Operating Salt Spray (Fog) Apparatus.

D. ASTM B 209 - Aluminum and Aluminum-Alloy Sheet and Plate.

E. ASTM B 221 - Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.

F. ASTM D 256 - Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.

G. ASTM D 543 - Evaluating the Resistance of Plastics to Chemical Reagents.

H. ASTM D 570 - Water Absorption of Plastics.

I. ASTM D 638 - Tensile Properties of Plastics.

J. ASTM D 790 - Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

K. ASTM D 1308 - Effect of Household Chemicals on Clear and Pigmented Organic Finishes.

L. ASTM D 1621 - Compressive Properties of Rigid Cellular Plastics.

M. ASTM D 1623 - Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics.

N. ASTM D 2126 - Response of Rigid Cellular Plastics to Thermal and Humid Aging.

O. ASTM D 2583 - Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor.

P. ASTM D 3029 – Impact Resistance of Flat Rigid Plastic Specimens by Means of a Falling Weight.

Q. ASTM D 6670-01 - Standard Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products.

R. ASTM E 84 - Surface Burning Characteristics of Building Materials.

S. ASTM E 90 - Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.

T. ASTM E 283 - Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.

U. ASTM E 330 - Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

V. ASTM E 331 - Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.

W. ASTM F 476 - Security of Swinging Door Assemblies.

X. SFBC PA 201 - Impact Test Procedures.

Y. SFBC PA 203 - Criteria for Testing Products Subject to Cyclic Wind Pressure Loading.

Z. SFBC 3603.2 (b)(5) - Forced Entry Resistance Test.

1.04 PERFORMANCE REQUIREMENTS

A. General: Provide door assemblies that have been designed and fabricated to comply with specified performance requirements, as demonstrated by testing manufacturer's corresponding standard systems.

B. Air Infiltration: For a single door 3’-0” x 7’-0”, test specimen shall be tested in accordance with ASTM E 283 at pressure differential of 6.24 psf. Door shall not exceed 0.90 cfm per linear foot of perimeter crack.

C. Water Resistance: For a single door 3’-0” x 7’-0”, test specimen shall be tested in accordance with ASTM E 331 at pressure differential of 7.50 psf. Door shall not have water leakage.

D. Swinging Door Cycle Test, Doors and Frames, ANSI A250.4: Minimum of 25,000,000 cycles.

E. Swinging Security Door Assembly, Doors and Frames, ASTM F 476: Grade 40.

F. Thermal Transmission, Exterior Doors, U-Value, AAMA 1503-98: Maximum of 0.29 BTU/hr x sf x degrees F. Minimum of 55 CRF value.

G. Surface Burning Characteristics, FRP Doors and Panels, ASTM E 84:
   1. Flame Spread: Maximum of 200, Class C.
   2. Smoke Developed: Maximum of 450, Class C.

H. Surface Burning Characteristics, Class A Option On Interior Faces of FRP Exterior Panels and Both Faces of FRP Interior Panels, ASTM E 84:
   1. Flame Spread: Maximum of 25.
   2. Smoke Developed: Maximum of 450.

I. Impact Strength, FRP Doors and Panels, Nominal Value, ASTM D 256: 15.0 foot-pounds per inch of notch.

J. Tensile Strength, FRP Doors and Panels, Nominal Value, ASTM D 638: 14,000 psi.

K. Flexural Strength, FRP Doors and Panels, Nominal Value, ASTM D 790: 21,000 psi.

L. Water Absorption, FRP Doors and Panels, Nominal Value, ASTM D 570: 0.20 percent after 24 hours.

M. Indentation Hardness, FRP Doors and Panels, Nominal Value, ASTM D 2583: 55.

N. Gardner Impact Strength, FRP Doors and Panels, Nominal Value, ASTM D 3029: 120 in-lb.

O. Abrasion Resistance, Face Sheet, Taber Abrasion Test, 25 Cycles at 1,000 Gram Weight with CS-17 Wheel: Maximum of 0.029 average weight loss percentage.

P. Stain Resistance, ASTM D 1308: Face sheet unaffected after exposure to red cabbage, tea, and tomato acid. Stain removed easily with mild abrasive or FRP cleaner when exposed to crayon and crankcase oil.

Q. Chemical Resistance, ASTM D 543. Excellent rating.
   1. Acetic acid, Concentrated.
   2. Ammonium Hydroxide, Concentrated.
   3. Citric Acid, 10%.
   4. Formaldehyde.
   5. Hydrochloric Acid, 10%
   6. Sodium hypochlorite, 4 to 6 percent solution.

R. Compressive Strength, Foam Core, Nominal Value, ASTM D 1621: 79.9 psi.

S. Compressive Modulus, Foam Core, Nominal Value, ASTM D 1621: 370 psi.

T. Tensile Adhesion, Foam Core, Nominal Value, ASTM D 1623: 45.3 psi.

U. Thermal and Humid Aging, Foam Core, Nominal Value, 158 Degrees F and 100 Percent Humidity for 14 Days, ASTM D 2126: Minus 5.14 percent volume change.

1.05 SUBMITTALS

A. Comply with Section 01 3000 - Administrative Requirements.

B. Product Data: Submit manufacturer's product data, including description of materials, components, fabrication, finishes, and installation.

C. Shop Drawings: Submit manufacturer's shop drawings, including elevations, sections, and details, indicating dimensions, tolerances, materials, fabrication, doors, panels, framing, hardware schedule, and finish.

D. Samples:
   1. Door: Submit manufacturer's sample of door showing face sheets, core, framing, and finish.
   2. Color: Submit manufacturer's samples of standard colors of doors and frames.
   3. Test Reports: Submit certified test reports from qualified independent testing agency indicating doors comply with specified performance requirements.
   4. Maintenance Manual: Submit manufacturer's maintenance and cleaning instructions for doors, including maintenance and operating instructions for hardware.
   5. Warranty: Submit manufacturer's standard warranty.

1.06 QUALITY ASSURANCE

A. Manufacturer's Qualifications:
   1. Continuously engaged in manufacturing of doors of similar type to that specified, with a minimum of 5 years successful experience.
   2. Door and frame components from same manufacturer.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying opening door mark and manufacturer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions.

C. Handling: Protect materials and finish from damage during handling and installation.

1.08 COORDINATION

A. Contractor shall be responsible for coordinating and obtaining necessary information from Hardware and Frame manufacturers to provide door supplier with approved hardware and frame schedules with templates.

1.09 WARRANTY

A. Warrant doors, frames, and factory hardware against failure in materials and workmanship, including excessive deflection, faulty operation, defects in hardware installation, and deterioration of finish or construction in excess of normal weathering.

B. Warranty Period: Ten years starting on date of substantial completion.

PART 2 PRODUCTS

2.01 MANUFACTURER

A. Special-Lite, Inc., Decatur, Michigan 49045 www.special-lite.com.
   1. Product: Series SL-17 with Speclite fiberglass reinforced polyester (FRP) face sheets..
   2. ~~Acceptable Manufacturers.~~
      a. ~~Assa Abloy, Ceco Door Fiberglass Reinforced Polyster Door (FRP)~~
      b. ~~Vale FRP Doors, Collingsale, PA: www.valedoors.com~~
      c. ~~Commercial Door Systems, Mensalem PA: www.commercialdoorsystems.com~~
      d. ~~Kawneer~~
      e. ~~Substitutions: See Section 01 6000 - Product Requirements~~

2.02 FIBERGLASS FLUSH DOORS

A. Door Opening Size: As indicated on the Drawings.

B. Construction:
   1. Door Thickness: 1-3/4 inches.
   2. Stiles and Rails: Aluminum Alloy 6063-T5, minimum of 2-5/16-inch depth.
   3. Corners: Mitered.
   4. Provide joinery of 3/8-inch diameter full-width tie rods through extruded splines top and bottom as standard tubular shaped stiles and rails reinforced to accept hardware as specified.
   5. Securing Internal Door Extrusions: 3/16-inch angle blocks and locking hex nuts for joinery.
   6. Furnish extruded stiles and rails with integral reglets to accept face sheets. Lock face sheets into place to permit flush appearance.
   7. Extrude top and bottom rail legs for interlocking continuous weather bar.
   8. Bottom of Door: Install bottom weather bar with nylon brush weatherstripping into extruded interlocking edge of bottom rail.

C. Face Sheet:
   1. Material: SpecLite3 FRP, 0.120-inch thickness, finish color throughout. Abuse-resistant engineered surface.
      a. Standard face sheets shall be manufactured using a corrosion resistant resin system with light stabilizing additives. The resin shall be reinforced with fiberglass, 40% by weight.
   2. Texture: Pebble.
   3. Color: As selected by Architect from manufacturers standard color line including premium.

D. Core:
   1. Material: Poured-in-place polyurethane foam.
   2. Density: Minimum of 5 pounds per cubic foot.
   3. R-Value: Minimum of 9.

E. Cutouts:
   1. Manufacture doors with cutouts for required vision lites, louvers, and panels.
   2. Factory install vision lites, louvers, and panels.

F. Hardware:

1. Hardware Preparation: To be fabricated at factory according to hardware templates provided.
2. Hardware Installation: To factory install all applicable and supplied hardware to doors and frames.
3. Hardware Reinforcement: To provide necessary reinforcement for proper longevity and hardware function; ASTM B 209 and/or ASTM 308.

2.03 MATERIALS

A. Aluminum Members:
   1. Extrusions: ASTM B 221.
   2. Sheet and Plate: ASTM B 209.
   3. Components: Door and frame components from same manufacturer.
   4. Fasteners:
      a. Material: Aluminum, 18-8 stainless steel, or other noncorrosive metal.
      b. Compatibility: Compatible with items to be fastened.
      c. Exposed Fasteners: Screws with finish matching items to be fastened.

2.04 FABRICATION

A. Sizes and Profiles: Required sizes for door and frame units, and profile requirements shall be as indicated on the Drawings.

B. Coordination of Fabrication: Field measure before fabrication and show recorded measurements on shop drawings.

C. Assembly:
   1. Complete cutting, fitting, forming, drilling, and grinding of metal before assembly.
   2. Remove burrs from cut edges.

D. Welding: Welding of doors or frames is not acceptable.

E. Fit:
   1. Maintain continuity of line and accurate relation of planes and angles.
   2. Secure attachments and support at mechanical joints with hairline fit at contacting members.

2.05 ALUMINUM FINISHES

A. Anodized Finish: Class I finish, 0.7 mils thick.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas to receive doors. Notify Architect of conditions that would adversely affect installation or subsequent use.

B. Do not proceed with installation until unsatisfactory conditions are corrected.

3.02 PREPARATION

A. Ensure openings to receive frames are plumb, level, square, and in tolerance.

3.03 INSTALLATION

A. Install doors in accordance with manufacturer's instructions.

B. Install doors plumb, level, square, true to line, and without warp or rack.

C. Anchor frames securely in place.

D. Separate aluminum from other metal surfaces with bituminous coatings.

E. Install exterior doors to be weathertight in closed position.

3.04 ADJUSTING

A. Adjust doors, hinges, and locksets for smooth operation without binding.

3.05 CLEANING

A. Clean doors promptly after installation in accordance with manufacturer's instructions.

B. Do not use harsh cleaning materials or methods that would damage finish.

3.06 PROTECTION

A. Protect installed doors to ensure that doors will be without damage or deterioration at time of substantial completion.

END OF SECTION 08 16 14

SECTION 10 14 67
TACTILE SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Room and Restroom Signs

1.02 RELATED SECTIONS

A. Section 01 60 00 - Products Requirements

1.03 REFERENCES

A. ANSI A117.1 - Specifications for Making Buildings and Facilities Accessible To and Usable By Physically Handicapped People.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.

C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
   1. When room numbers to appear on signs differ from those on the drawings, include the drawing room number on schedule.
   2. When content of signs is indicated to be determined later, request such information from Owner through Garmann/Miller & Associates Inc.Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
   3. Submit for approval by Owner through Garmann/Miller & Associates Inc.Architect prior to fabrication.

D. Samples:
   1. Submit one (1) sample building letter, room/occupancy sign shown construction, text style, etc.
   2. Submit one sample other signs required, of size not less than 10 inches by 12 inches similar to that required for project, illustrating sign style, font, and method of attachment.
   3. Sample will be returned to contractor.

E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.

F. Verification Samples: Submit samples showing colors specified not less than 10 inches by 12 inches.

G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
   1. See Section 01 60 00 - Product Requirements, for additional provisions.

1.05 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.

1.06 REGULATORY REQUIREMENTS

A. Conform to OBBC code and ANSI A117.1 for requirements for the physically handicapped.

B. Signage shall conform to with the Americans with Disabilities Act Accessibility Guidelines (ADAAG). These requirements supersede Technical Specifications in this Section.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, protect and handle products to site under provisions of Section 01 6000 - Product Requirements.

B. Store adhesive attachment tape at ambient room temperatures.

1.08 ENVIRONMENTAL REQUIREMENTS

A. Do not install signs when ambient temperature is lower than recommended by manufacturer.

B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

2.01 REFER TO A9 AND A1 SERIES DRAWINGS FOR SIGNAGE MATERIALS, LAYOUT AND LOCATIONS

2.02 ROOM AND RESTROOM SIGNS

A. Manufacturer:
   1. Ace Sign Systems Inc., Ft Wayne Indiana
   2. ASI Sign Systems, Indianapolis, Indiana: Cleveland, Ohio: Cincinnati, Ohio
   3. Columbus Graphics Inc.
   4. Ellet Sign Company: www.elletneon.com
   5. Matthews, Pittsburgh, Pennsylvania
   6. Substitutions: See Section 01 6000 - Products Requirements
      a. Provide data showing product and hardware of proposed substitution are equivalent to better than specified product.
      b. Provide sample of items to be considered for review by the Architect. Samples will be returned.

B. Product: Acrylic w/ subsurface Graphic Sign.
   1. Material: 1/2" thick non glare exterior grade acrylic, integrally colored.
   2. Graphic Process: Tactile letters and braille achieved through Raster process. Surface applied letters and braille are not permitted.
   3. Letters: Letters and numbers shall be raised 1/32 inch from sign face. All text shall be accompanied by Grade 2 Braille.
   4. Colors: The architect will select from manufacturers standard colors for background and text. Characters, symbols and text shall contract with background and and have a non-glare finish .
   5. Sign Size:
      a. Toilet Room Handicapped Sign: 9 inch by 9 inch with 3/8 inch radius corners.
      b. Interior Room Name and Number Sign: 9 inch by 9 inch with 3/8 inch radius corners.
   6. Sign Text:
      a. Toilet Room Handicapped Sign: International Men/Women Symbol, accessibility symbol, text "Men" or "Women" and Grade 2 Braille.
      b. Interior Room Name and Number Sign: Copy to be centered horizontally and vertically. Text size 1inch high. Text type to be Gothic, Upper and lower case. Copy to be provided by the architect.
   7. Mounting: Stand-off mount hardware for exterior grade application. 1/2" diameter round stand-off mechanical mount. Hardware to stand-off from surface no greater than an inch.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

3.02 GENERAL INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install signs and letters level and plumb.

C. Install product in locations indicated using mounting methods recommended by sign manufacturer and free from distortion, warp, or defect adversely affecting appearance

D. Install product at heights to conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and applicable local amendments and regulations.

3.03 CLEANING AND PROTECTION

A. Clean exposed surfaces. Remove construction and installation marks.

B. Remove temporary coverings.

C. Protect installed signs from subsequent construction operations.

END OF SECTION 10 14 67

SECTION 13 34 41
PRE-ENGINEERED SHELTERS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. This section includes the design, fabrication, and supply of the pre-engineered shelter.

B. Structural engineering of shelter and footings is by manufacturer.

C. A geotechnical report will either need to be provided by the owner or the General contractor prior to footing design.

1.02 RELATED REQUIREMENTS

A. Section 01 60 00 – Products Requirements

B. Section 07 61 00 – Sheet Metal Roofing

1.03 DESIGN REQUIREMENTS

A. Dead, live, snow loads per local building code.

B. Wind and seismic loads per local building code.

1.04 QUALIFICATIONS

A. The shelter supplier must be a company specializing in the design and fabrication of shelters with a minimum of five (5) years documented experience.
   1. Approved manufacturer:
      a. Western Wood Structures, Inc. PO Box 130 Tualatin, Oregon 97062-0130 (800) 547-5411

B. The shelter roof installer must be a company specializing in installation of metal roofs with a minimum of five (5) year documented experience.
   1. Approved **Manufacturer** ~~Installer:~~
      a. ~~Premier Pacific Roofing, www.pprquality.com~~
      b. **Reference section 07 61 00 for approved manufacturers**

C. Submittals:
   1. Submit product data and to-scale shop drawings under the provisions of Section 01300. Shop drawings shall include: general framing plan, truss or beam profiles, loads, and fabrication details for all wood members and steel assemblies. Also indicate dimensions, wood grades, drilled holes, fasteners and cambers.
   2. Submit design calculations stamped by a registered engineer, licensed to practice in the state where the shelter is being constructed.
   3. Furnish an AITC or APA-EWS Certificate of Conformance stating that the glulams conform to the specifications.
   4. Furnish a WCILB or WWPA Certificate of Conformance for all sawn lumber.
   5. Provide a written warranty against defects in material and workmanship for a period of five (5) years.
   6. Provide documentation verifying requirements per A and B.

PART 2 PRODUCTS

2.01 MATERIALS

A. Glulam shall be Douglas Fir. Stress grades shall be as required by the design. The appearance shall be Premium, S3S. Adhesive shall be 100% waterproof phenolic resin glue.

B. Columns shall be HSS, hop dipped galvanized.

C. Decking shall be 2”x6” Douglas Fir Select Dex, S2S, KD, EV1S, paper Wrap.

D. Two-piece fascia. Reference drawings.

E. Steel and Hardware. Steel to be ASTM A-36 and hardware to be ASTM A-307. Welding by certified welders per AWS specifications.

F. Roof
   1. Pitch: 4/12
   2. Decking: 2” x 6” Douglas Fir
   3. Plywood for shear on top
   4. Vapor Barrier
   5. Roof: Reference Spec Section 07 61 00.

2.02 FINISHES

A. Columns: Treated in Hi Clear II with CuBor wraps

B. Steel: A36 powder coated, color: black.

C. Hardware: A307 powder coated, color: black.

2.03 FABRICATION

A. The main structural beams and/or trusses are to be fabricated and assembled to the fullest extent possible in a plant with facilities for performing work specified. Factory drill all holes to the extent possible using steel as templates. For glulam or sawn members of 8" nominal width or greater, drill holes from both sides of members to ensure the true hole alignment.

B. Concealed connector locations shall be fabricated to within 1/8" of true position. Fabricate length of members to be within 1/8" of required length to achieve tight connections. Make end cuts flat and true to ensure consistent load transfer.

PART 3 EXECUTION

3.01 DELIVERY, STROAGE AND HANDLING

A. The purchaser or installer is responsible for handling and protection of shelter framing materials after arrival at destination. All trusses and/or beams shall be unloaded and handled with a forklift or crane using nylon slings.

B. If the materials are to be stored at the site, they must be placed on a level surface and stickered to prevent warpage and twisting

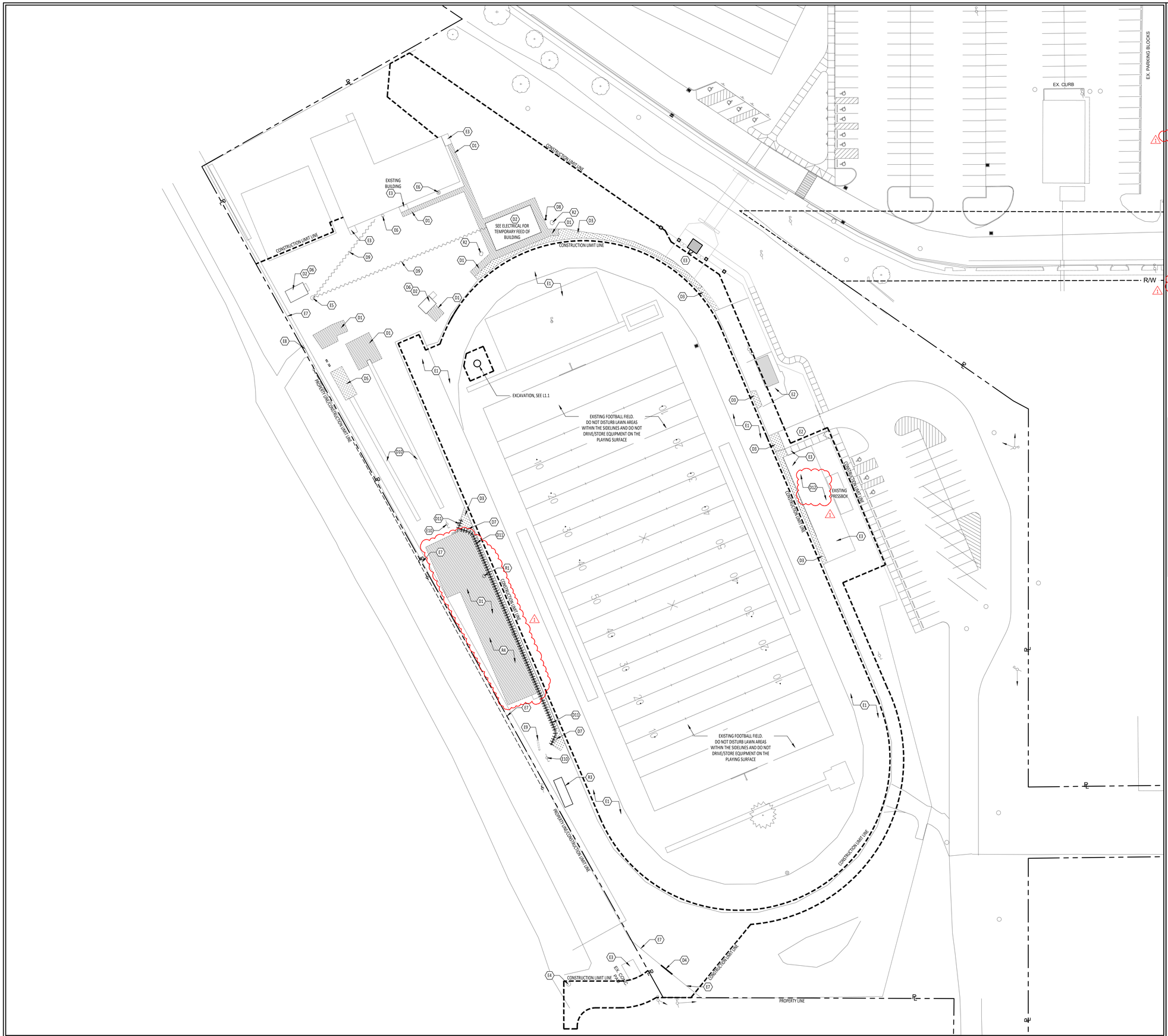
C. Any damage must be reported immediately to the truss manufacturer’s professional engineer.

3.02 INSTALLATION

A. Install the shelter according to supplier's shop details and installation instructions. Do not field cut, drill, or alter structural members without written approval from the pre-engineered building supplier. Set framing members in locations and to elevations indicated. Make provisions for erection loads and provide temporary bracing to maintain framing members true and plumb, and in true alignment until completion of erection.

B. Maintain factory-applied wrapping until roof structure is enclosed.

END OF SECTION



1 LD1.1 SITE DEMOLITION PLAN
1" = 30'-0"

KEYNOTE SCHEDULE

	DEMOLITION
D1	REMOVE CONCRETE
D2	REMOVE BUILDING STRUCTURE, FOUNDATIONS AND FOOTERS
D3	REMOVE ASPHALT PAVEMENT
D4	REMOVE CHAINLINK FENCE
D5	REMOVE LONG JUMP AGGREGATE
D6	DISCONNECT ELECTRIC SERVICE TO BUILDING PRIOR TO REMOVAL OF BUILDING. COORDINATE WORK WITH UTILITY COMPANY AND OWNER.
D7	REMOVE PRE-CAST STEPS
D8	REMOVE EXISTING SPEAKER FROM WOOD POLE AND TURN OVER TO OWNER. REMOVE EXISTING POLE AND ASSOCIATED OVERHEAD SOUND CONDUIT AND UNDERGROUND ELECTRIC CONDUIT.
D9	REMOVE EXISTING WATERLINE, VERIFY LOCATION IN FIELD
D10	REMOVE TRACK SURFACE AND ASSOCIATED BASE
D11	REMOVE EXISTING MODULAR WALL
D12	REMOVE EXISTING (EAST) BLEACHER. CONCRETE PAD TO REMAIN
	EXISTING
E1	EXISTING TRACK SURFACE
E2	EXISTING ASPHALT
E3	EXISTING CONCRETE
E4	EXISTING MANHOLE TO REMAIN
E5	EXISTING WATER METER PIT
E6	EXISTING CLEANOUT TO REMAIN
E7	EXISTING CHAINLINK FENCE
E8	EXISTING CHAINLINK GATE
E9	EXISTING ELECTRICAL METER, SEE ELECTRICAL DRAWINGS
E10	EXISTING LIGHTPOLE TO REMAIN
	SALVAGE/RELOCATE
R1	SALVAGE EXISTING VICTORY BELL, SEE SHEET L1.1 FOR RELOCATION
R2	SALVAGE EXISTING MEMORIAL ROCK, SEE SHEET L1.1 FOR RELOCATION
R3	SALVAGE EXISTING FREESTANDING BLEACHER AND TURN OVER TO OWNER
R4	SALVAGE/RELOCATE EXISTING WEST BLEACHER. RELOCATE BLEACHER TO EAST SIDE (AWAY SIDE) SEE SHEET L1.1 FOR LOCATION

LEGEND

- KEY NOTE DESIGNATION-REFER TO NOTES THIS SHEET
- REMOVE
- SAWCUT AND REMOVE ASPHALT
- SAWCUT AND REMOVE CONCRETE
- REMOVE UNDERGROUND UTILITY
- REMOVE MODULAR RETAINING WALL

GENERAL NOTES

A.	CALL O.U.P.S. AT 1-800-362-2764 FOR UNDERGROUND UTILITY INFORMATION
B.	CALL 1-800-925-0988 FOR OIL & GAS PRODUCERS UNDERGROUND PROTECTION SERVICE
C.	SEE "KNOW WHAT'S BELOW" AT www.call811.com OR CALL 811
D.	FIELD VERIFY DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
E.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
F.	PAVING, FOOTINGS AND OTHER SITE IMPROVEMENTS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. THIS INCLUDES ALL BASE MATERIAL.
G.	ITEMS AND MATERIAL NOTES AS 'REMOVE' SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR OFF SITE. SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER
H.	TEMPORARILY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
I.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA WHERE LEFT EXPOSED TO VIEW.
J.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
K.	PATCH AND REPAIR DISTURBED LAWN AREAS.

STATE OF OHIO
MATTHEW R. HIBNER
14160552
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14160552
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MUNSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FT. WAYNE, INDIANA
creativegm.com

NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
310 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM 01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MAD	SKE

SHEET TITLE:
SITE DEMOLITION PLAN

SHEET NUMBER:
LD1.1

1 L1.1 SITE LAYOUT AND MATERIALS PLAN - NORTH
1/16" = 1'-0"

KEYNOTE SCHEDULE

	EXISTING
E1	EXISTING TRACK SURFACE TO REMAIN
E2	EXISTING ASPHALT TO REMAIN
E3	EXISTING CONCRETE PAVEMENT
E4	EXISTING CLEANOUT TO REMAIN. ADJUST LID TO MEET GRADE, SEE CIVIL DRAWINGS
E5	EXISTING CHAINLINK FENCE TO REMAIN
E6	EXISTING CHAINLINK GATE TO REMAIN
E7	EXISTING LIGHTPOLE
E8	EXISTING ELECTRICAL UTILITY, SEE ELECTRICAL DRAWINGS
E9	EXISTING GRAVEL TO REMAIN
E10	EXISTING MANHOLE TO REMAIN, SEE CIVIL DRAWINGS
E11	EXISTING WATER METER PIT
	RELOCATED
R1	RELOCATED VICTORY BELL
R2	RELOCATED MEMORIAL ROCK
R3	RELOCATED BLEACHER
	SITE
S1	CONCRETE PAVEMENT, SEE DETAIL 1/L2.1
S2	4' HIGH CHAINLINK FENCE, SEE DETAIL 3/L2.1
S3	4' HIGH X 12' WIDE DOUBLE LEAF CHAINLINK GATE, SEE DETAIL 2/L2.1
S4	4' HIGH CHAINLINK FENCE, SURFACE MOUNTED TO CONCRETE RETAINING WALL, SEE DETAIL 5/L2.1
S5	CONCRETE PAD FOR BLEACHER, SEE DETAILS 7 & 8/L2.1
S6	18" HIGH CONCRETE RETAINING WALL, SEE DETAIL 5/L2.1
S7	ANTI HEAVE SLAB, SEE STRUCTURAL DRAWINGS FOR DETAIL
S8	GRAVEL SURFACE OVER WEED FABRIC, SEE SPECIFICATIONS
S9	72 SEAT BLEACHER, SEE SPECIFICATIONS
S10	GRAVEL MOW STRIP, SEE DETAIL 4/L2.1
S11	CANTILEVER SLIDE GATE, SEE DETAIL 9/L2.1. GATE TO MATCH EXISTING ON SITE
	PLANTING
P1	FINE GRADE AND SEED LAWN, SEE SPECIFICATIONS
P2	PLANT BED, SEE DETAIL 7/L2.1 AND SPECIFICATIONS

LEGEND

- P.O.B. (POINT OF BEGINNING)
- ALIGN
- KEYED NOTE DESIGNATION-REFER TO NOTES THIS SHEET
- CONTROL JOINT
- CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- GRAVEL SURFACING
- ANTI-HEAVE CONC. SLAB SEE STRUCTURAL DRAWINGS

GENERAL NOTES

A.	FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
B.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
C.	TEMPORARILY SUPPORT WALLS, HEADERS, STRUCTURES, PIPING, DUCTWORK, CONDUIT, ETC., AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
D.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
E.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
F.	PATCH AND REPAIR DISTURBED LAWN AREAS.
G.	DIMENSIONS ARE TO FACE OF CURB, FENCE, COLUMN OR CENTERLINE UNLESS OTHERWISE NOTED. WALKS SHALL BE CENTERED ON DOOR WAYS.
H.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
I.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
J.	CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.
K.	GENERAL CONTRACTOR IS TO MAINTAIN THE SITE WITHIN THE CONSTRUCTION FENCELINE THROUGHOUT CONSTRUCTION IN A CLEAN AND ORDERLY MANNER. MOW GRASS, MAINTAIN PLANT BEDS TO BE FREE OF WEEDS, PICK-UP TRASH, ETC. THE SITE IS TO BE LEFT IN THE SAME OR BETTER CONDITION THAN ORIGINALLY FOUND.

PLANT LIST - SHRUBS

BU GV	BUXUS X 'GREEN VELVET/GREEN VELVET BOXWOOD	#3 CONT.	3.5 O.C.
HY PA	HYDRANGEA PANICULATA/LITTLE QUICK FIRE HYDRANGEA	#3 CONT.	5' O.C.

STATE OF OHIO
MATTHEW R. HIBNER 14160552
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #14160552
EXPIRATION DATE: 12/31/2027

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NEW BUILDING FOR

ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS

310 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM 01	01/21/2026

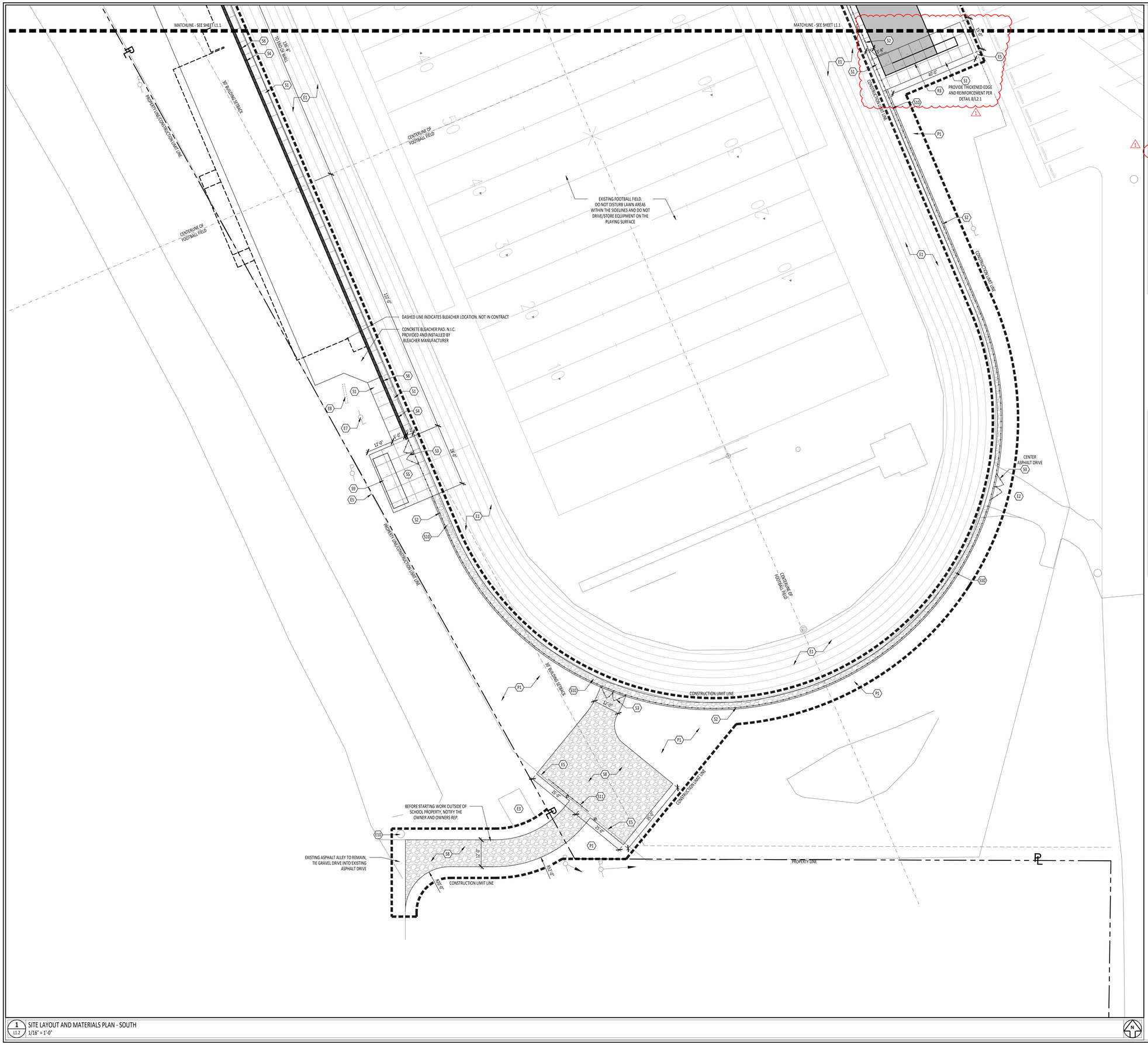
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MAD	SKE

SHEET TITLE:

SITE LAYOUT AND MATERIALS PLAN - NORTH

SHEET NUMBER:

L1.1



1 L1.2 SITE LAYOUT AND MATERIALS PLAN - SOUTH
1/16" = 1'-0"

KEYNOTE SCHEDULE

	EXISTING
E1	EXISTING TRACK SURFACE TO REMAIN
E2	EXISTING ASPHALT TO REMAIN
E3	EXISTING CONCRETE PAVEMENT
E4	EXISTING CLEANOUT TO REMAIN. ADJUST LID TO MEET GRADE, SEE CIVIL DRAWINGS
E5	EXISTING CHAINLINK FENCE TO REMAIN
E6	EXISTING CHAINLINK GATE TO REMAIN
E7	EXISTING LIGHTPOLE
E8	EXISTING ELECTRICAL UTILITY, SEE ELECTRICAL DRAWINGS
E9	EXISTING GRAVEL TO REMAIN
E10	EXISTING MANHOLE TO REMAIN, SEE CIVIL DRAWINGS
E11	EXISTING WATER METER PIT
	RELOCATED
R1	RELOCATED VICTORY BELL
R2	RELOCATED MEMORIAL ROCK
R3	RELOCATED BLEACHER
	SITE
S1	CONCRETE PAVEMENT, SEE DETAIL 1/L2.1
S2	4' HIGH CHAINLINK FENCE, SEE DETAIL 3/L2.1
S3	4' HIGH X 12' WIDE DOUBLE LEAF CHAINLINK GATE, SEE DETAIL 2/L2.1
S4	4' HIGH CHAINLINK FENCE, SURFACE MOUNTED TO CONCRETE RETAINING WALL, SEE DETAIL 5/L2.1
S5	CONCRETE PAD FOR BLEACHER, SEE DETAILS 7 & 8/L2.1
S6	18" HIGH CONCRETE RETAINING WALL, SEE DETAIL 5/L2.1
S7	ANTI HEAVE SLAB, SEE STRUCTURAL DRAWINGS FOR DETAIL
S8	GRAVEL SURFACE OVER WEED FABRIC, SEE SPECIFICATIONS
S9	72 SEAT BLEACHER, SEE SPECIFICATIONS
S10	GRAVEL MOW STRIP, SEE DETAIL 4/L2.1
S11	CANTILEVER SLIDE GATE, SEE DETAIL 9/L2.1. GATE TO MATCH EXISTING ON SITE
	PLANTING
P1	FINE GRADE AND SEED LAWN, SEE SPECIFICATIONS
P2	PLANT BED, SEE DETAIL 7/L2.1 AND SPECIFICATIONS

LEGEND

- P.O.B. (POINT OF BEGINNING)
- ALIGN
- X — KEYED NOTE DESIGNATION-REFER TO NOTES THIS SHEET
- CONTROL JOINT
- CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- GRAVEL SURFACING
- ANTI-HEAVE CONC. SLAB SEE STRUCTURAL DRAWINGS

GENERAL NOTES

A.	FIELD VERIFY DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
B.	WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
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D.	PATCH & REPAIR ALL AREAS, SURFACES & MATERIALS TO CONDITION OF SURROUNDING AREA.
E.	CLOSELY COORDINATE WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
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H.	WALKS SHALL MEET BOTH VERTICALLY AND HORIZONTALLY.
I.	LAYOUT AND DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE INDICATED IN PLANS.
J.	CONTRACTOR SHALL CALL OUPS (800) 362-2764 PRIOR TO COMMENCEMENT OF ANY WORK.
K.	GENERAL CONTRACTOR IS TO MAINTAIN THE SITE WITHIN THE CONSTRUCTION FENCELINE THROUGHOUT CONSTRUCTION IN A CLEAN AND ORDERLY MANNER. MOW GRASS, MAINTAIN PLANT BEDS TO BE FREE OF WEEDS, PICK-UP TRASH, ETC. THE SITE IS TO BE LEFT IN THE SAME OR BETTER CONDITION THAN ORIGINALLY FOUND.

STATE OF OHIO
MATTHEW R. HIBNER
14160552
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EXPIRATION DATE: 12/31/2027

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NEW BUILDING FOR

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ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM 01	01/21/2026

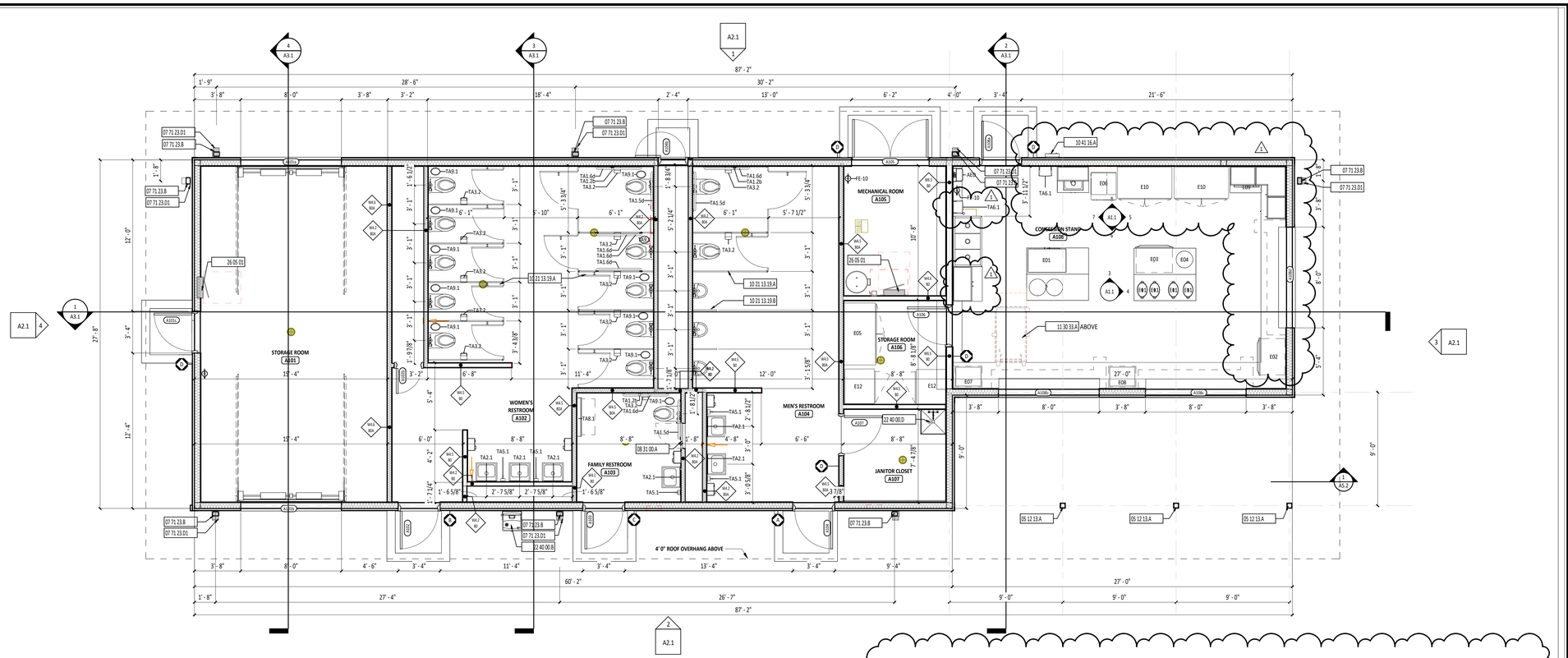
PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MAD	SKE

SHEET TITLE:

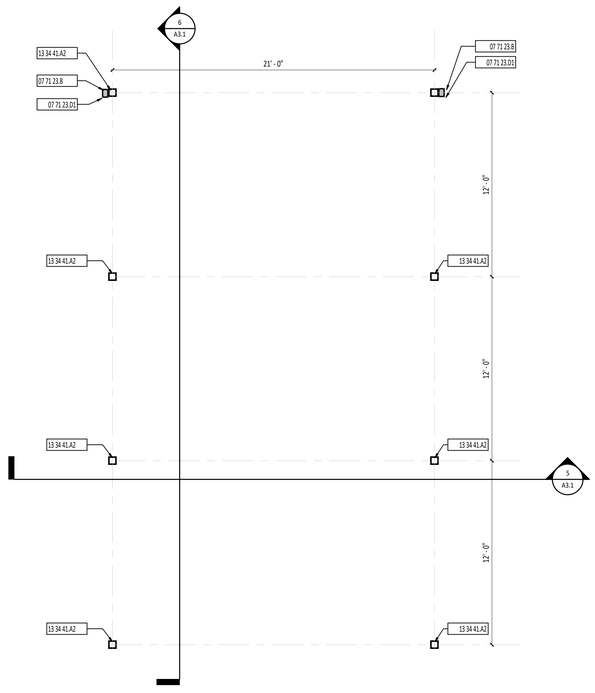
SITE LAYOUT AND MATERIALS PLAN - SOUTH

SHEET NUMBER:

L1.2



1 A1.1 FIRST FLOOR PLAN - CONCESSION STAND
1/4" = 1'-0"



2 A1.1 FIRST FLOOR PLAN - PAVILION
1/4" = 1'-0"

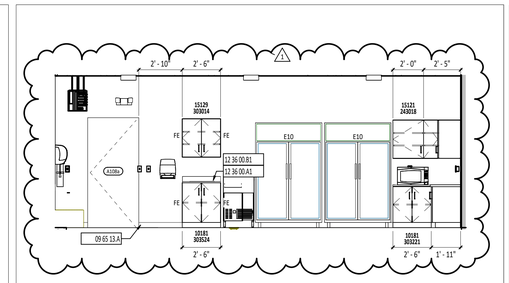
EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E01	POPCORN MACHINE			1
E02	HENRY PENNY WARMER			1
E03	PRETZEL OVEN			1
E04	CHEESE WARMER			1
E05	DOUBLE DOOR REFRIGERATOR	TRUE		1
E06	ICE MACHINE AND BIN WITH WATER FILTER - 288 LBS/ DAY, 80 LB ICE STORAGE	HOSHIZAKI	F - 330BAJ - C	2
E07	WARMING LAMP			1
E08	WARMING LAMP			1
E09	MICROWAVE			1
E10	DRINK COOLER	PEPSI		1

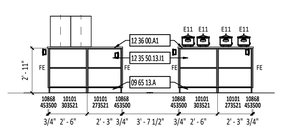
EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
E11	CROCKPOT/ ROASTERS	BIMsmith Generics	Crock pot	1
E12	STAND UP FREEZER	FRIDGIDAIRE		1

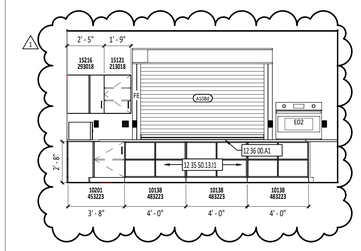
EQUIPMENT SCHEDULE NOTES
1. OWNER FURNISHED, OWNER PROVIDED - NOT IN CONTRACT.
2. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.



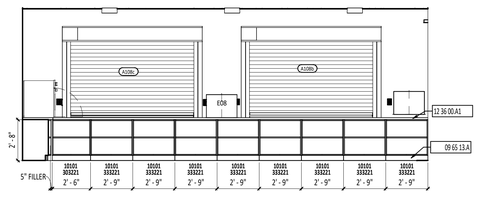
8 A1.1 CASEWORK ELEVATION A108 - NORTH
1/4" = 1'-0"



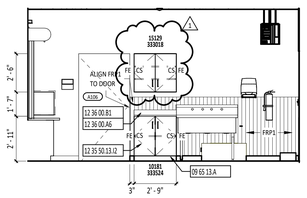
3 A1.1 CASEWORK ELEVATION - A108 ISLAND
1/4" = 1'-0"



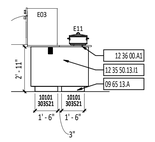
5 A1.1 CASEWORK ELEVATION -A108 - EAST
1/4" = 1'-0"



6 A1.1 CASEWORK ELEVATION - A108 - SOUTH
1/4" = 1'-0"



7 A1.1 CASEWORK ELEVATION -A108 - WEST
1/4" = 1'-0"



4 A1.1 CASEWORK ELEVATION - A108 - ISLAND SIDES
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

A ALL DIMENSIONS ARE MEASURED TO THE FACE OF WOOD STUD UNLESS NOTED OTHERWISE.
C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.
E REFERENCE A0.1 FOR WALL TO DECK TERMINATION DETAILS.
F HINGE SIDE OF DOOR JAMB AT INTERSECTING WALLS TO BE LOCATED 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE - REFERENCE FLOOR PLANS.
G IF WALL TYPE IS NOT IDENTIFIED, WALL IS TO RUN TO BOTTOM OF WOOD TRUSS.

FLOOR PLAN SYMBOLS LEGEND

XXXX DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
FE-_ FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
A101 ROOM DESIGNATION - REFERENCE ROOM INDEX.
CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
KEYNOTE DESIGNATION
SPECIFICATION SECTION
CALLOUT
DETAIL NUMBER
SHEET NUMBER
EXTERIOR ELEVATION
INTERIOR ELEVATION
SECTION
LEVEL ELEVATION
LEVEL LINE

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	STORAGE ROOM	394 SF	1
A102	WOMEN'S RESTROOM	431 SF	0
A103	FAMILY RESTROOM	72 SF	0
A104	MEN'S RESTROOM	297 SF	0
A105	MECHANICAL ROOM	83 SF	0
A106	STORAGE ROOM	67 SF	0
A107	JANITOR CLOSET	60 SF	0
A108	CONCESSION STAND	467 SF	5

#	KEYNOTE DESCRIPTION
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 71 23.D1	PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR
08 31 00.A	ACCESS DOOR - MOUNT BOTTOM AT 40" AFF
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
10 21 13.19.A	PLASTIC TOILET COMPARTMENT
10 21 13.19.B	PLASTIC URINAL SCREEN
10 41 16.A	KNOX BOX - TOP TO BE MOUNTED AT 52" AFF
11 30 33.A	RETRACTABLE STAIR - COORDINATE WITH TRUSS MANUFACTURER AND CASEWORK LOCATION
12 35 50.13.I1	PLASTIC LAMINATE FINISH TO BE LT1 - REFERENCE FINISH MATERIAL SCHEDULE.
12 35 50.13.I2	PLASTIC LAMINATE FINISH TO BE LT2 - REFERENCE FINISH MATERIAL SCHEDULE.
12 36 00.A1	PLASTIC LAMINATE COUNTERTOP
12 36 00.A6	STAINLESS STEEL COUNTERTOP
12 36 00.B1	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE
13 34 41.A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
22 40 00.B	DRINKING WATER COOLER - REFERENCE PLUMBING DRAWINGS - REFERENCE A0.2 FOR MOUNTING HEIGHTS.
22 40 00.D	FLOOR SERVICE SINK - REFERENCE PLUMBING DRAWINGS.
26 05 01	ELECTRICAL PANEL - REFERENCE ELECTRICAL DRAWINGS

EQUIPMENT GENERAL NOTES

A FOR ALL SINKS LABELED "ADA" REFERENCE SHEET A0.1.
B RESILIENT BASE ALONG ALL CABINET BASE FRONTS IS TO BE PROVIDED BY SPECIFICATION SECTION 09 65 13.
C ALL OPENINGS IN CASEWORK AND COUNTERTOPS TO BE CUT BY CASEWORK CONTRACTOR ONLY.
D REFERENCE FINISH MATERIAL SCHEDULE FOR LAMINATE COLOR SELECTIONS.
E PROVIDE 36" MAXIMUM GROMMET SPACING AT KNEE SPACE - GROMMET LOCATIONS TO BE IDENTIFIED IN SHOP DRAWINGS.

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	NOTES
TA1.2b	GRAB BAR - SURFACE MOUNT - VERTICAL - 18" LENGTH - 39" AFF TO BOTTOM OF THE BAR	1
TA1.5d	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 36" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	1
TA1.6d	GRAB BAR - SURFACE MOUNT - HORIZONTAL - 42" LENGTH - 36" AFF TO TOP OF THE GRIPPING SURFACE	1
TA2.1	18" X 24" MIRROR - 40" AFF TO BOTTOM EDGE OF MIRROR	1
TA3.2	TOILET PAPER DISPENSER - SURFACE MOUNT - 18" AFF TO BOTTOM	1
TA5.1	SOAP DISPENSER - SURFACE MOUNT - 40" AFF TO OPERATION	1
TA6.1	PAPER TOWEL DISPENSER - SURFACE MOUNT - ROLL TOWELS - 40" AFF TO OPERATION	1
TA8.1	BABY CHANGING STATION - SURFACE MOUNT - 34" AFF TO CHANGING BED	1
TA9.1	SMALL TRASH RECEPTACLE	2

NOTES:
1. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
2. OWNER FURNISHED, OWNER INSTALLED.

RESTROOM ENLARGEMENT GENERAL NOTES

A TA = TOILET ACCESSORIES.
B REFERENCE SPECIFICATION SECTION 10 28 00 FOR TOILET ACCESSORIES.
D FOR TYPICAL MOUNTING HEIGHTS REFERENCE MOUNTING HEIGHT DETAILS ON SHEET A0.1.
E CONTRACTOR TO COORDINATE THE SIZE(S) OF THE ACCESSORIES SUPPLIED BY THE OWNER PRIOR TO INSTALLATION FOR ACCURATE PLACEMENT LOCATIONS.
F FE/FEC = FIRE EXTINGUISHER AND OR CABINET - REFERENCE SCHEDULES ON FLOOR PLAN SHEETS.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
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NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
310 NORTH MAIN STREET, ARCANUM, OHIO 45304

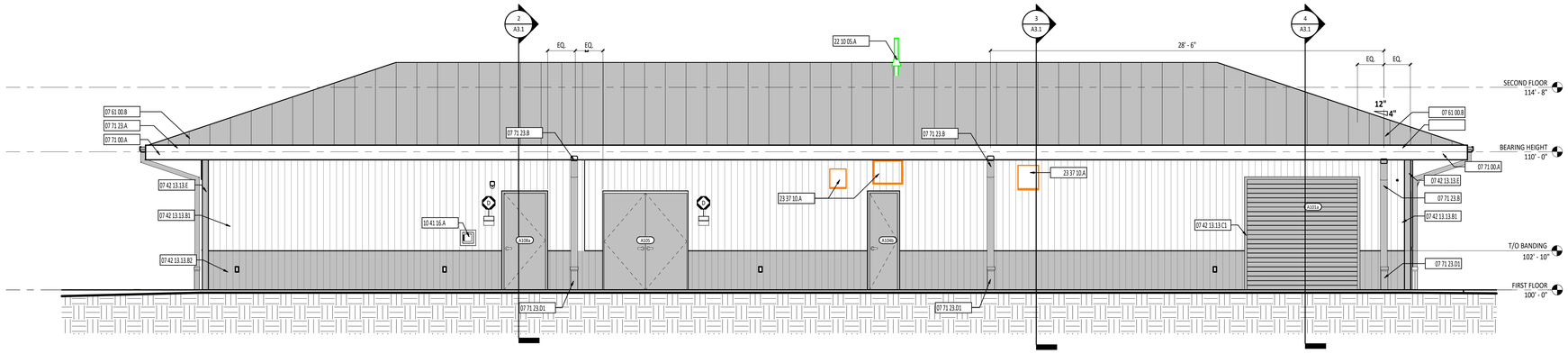
ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	KMV	CWS

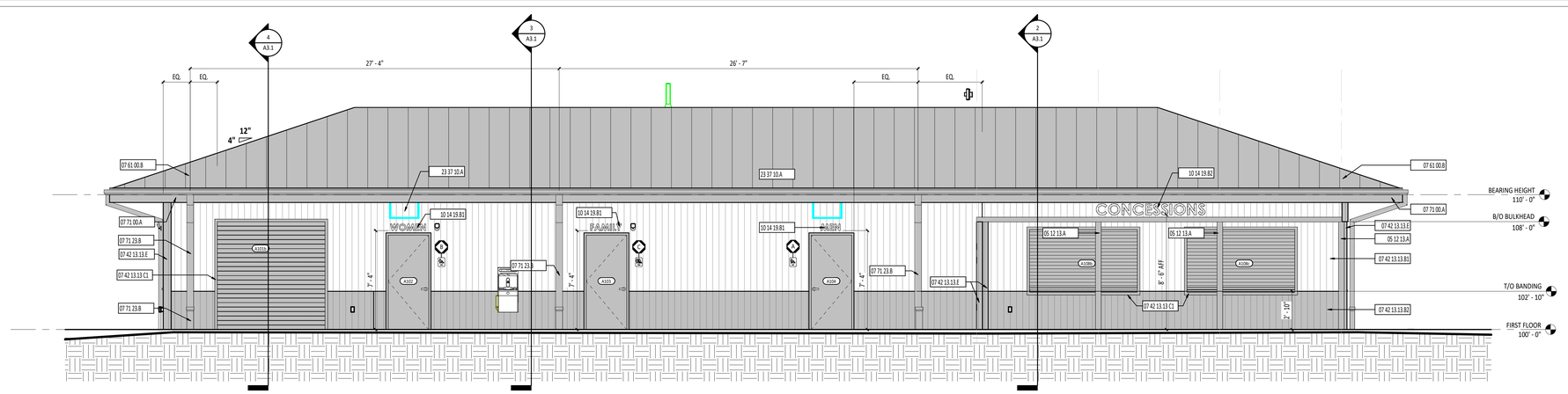
SHEET TITLE:
FIRST FLOOR PLAN

SHEET NUMBER:
A1.1

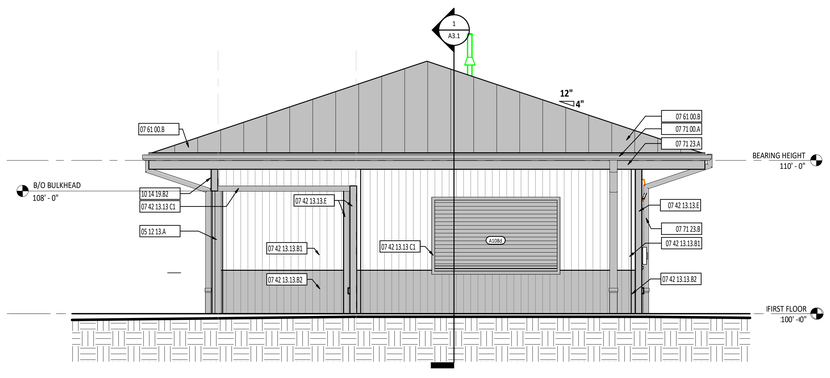
PRINTED ON: 1/21/2026 11:00:03 AM



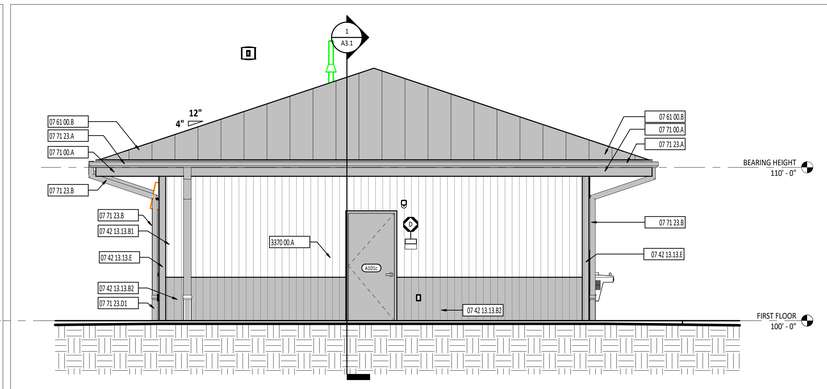
1 A2.1 **NORTH EXTERIOR ELEVATION - CONCESSION**
1/4" = 1'-0"



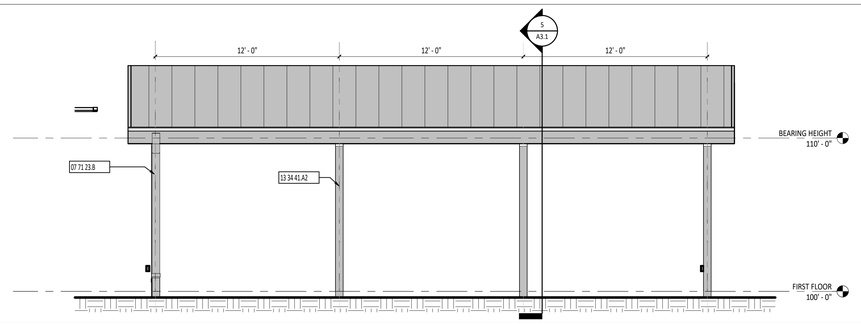
2 A2.1 **SOUTH ELEVATION - CONCESSION**
1/4" = 1'-0"



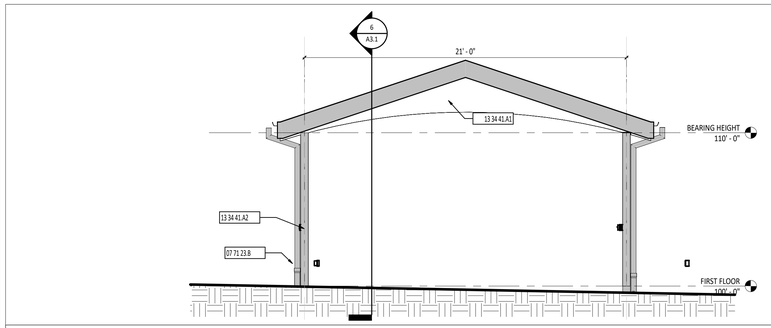
3 A2.1 **EAST EXTERIOR ELEVATION - CONCESSION**
1/4" = 1'-0"



4 A2.1 **WEST EXTERIOR ELEVATION - CONCESSION**
1/4" = 1'-0"



5 A2.1 **EAST AND WEST EXTERIOR ELEVATION - PAVILION**
1/4" = 1'-0"



6 A2.1 **NORTH AND SOUTH EXTERIOR ELEVATION - PAVILION**
1/4" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

EXTERIOR ELEVATION SYMBOLS LEGEND

SIGNAGE DESIGNATION - REFERENCE SIGNAGE DETAILS.

#	KEYNOTE DESCRIPTION
05 12 13.A	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL - PAINT - REFERENCE STRUCTURAL DRAWINGS.
07 42 13.13.C1	PREFINISHED METAL TRIM/FLASHING - PROVIDED BY FORMED METAL PANEL MANUFACTURER - COLOR 2
07 42 13.13.B1	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 1
07 42 13.13.B2	PREFINISHED FORMED VERTICAL METAL PANEL - SHIM PANELS PLUMB - COLOR 2
07 42 13.13.E	OUTSIDE CORNER TRIM - PROVIDED BY FORMED METAL PANEL MANUFACTURER - COLOR 2
07 61 00.B	STANDING SEAM METAL ROOFING SYSTEM WITH CODE COMPLIANT ANCHORAGES, TRIM AND FLASHING AS REQUIRED - TURN UP END.
07 71 00.A	TWO-PIECE PREFINISHED FASCIA WITH DRIP EDGE
07 71 23.A	PREFINISHED METAL GUTTER WITH STRAP AND ANCHORAGES
07 71 23.B	PREFINISHED METAL DOWNSPOUT
07 71 23.D1	PVC DOWNSPOUT BOOT - COORDINATE WITH SITE CONTRACTOR
10 14 19.B1	6" HIGH ALUMINUM EXTERIOR BUILDING LETTERING - CENTURY GOTHIC FONT - REFERENCE SPECIFICATIONS FOR COLOR SELECTION
10 14 19.B2	10" HIGH ALUMINUM EXTERIOR BUILDING LETTERING - CENTURY GOTHIC FONT - REFERENCE SPECIFICATIONS FOR COLOR SELECTION
10 41 16.A	KNOX BOX - TO BE MOUNTED AT 52" AFF
13 34 41.A1	GLUE LAMINATED PITCH AND CAMBER BEAM - DOUGLAS FIR PRESERVATIVE TREATED - PROVIDED BY PAVILION MANUFACTURER
13 34 41.A2	EXPOSED - HSS COLUMN - PAINTED - PROVIDED BY PAVILION MANUFACTURER
22 10 05.A	PLUMBING VENT - REFERENCE PLUMBING DRAWINGS.
23 37 10.A	MECHANICAL LOUVER WITH INSECT SCREEN - REFERENCE MECHANICAL DRAWINGS.
3370 00.A	ELECTRICAL METER

STATE OF OHIO
MATTHEW R. HIBNER
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REGISTERED ARCHITECT

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NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
310 NORTH MAIN STREET, ARCANUM, OHIO 45304

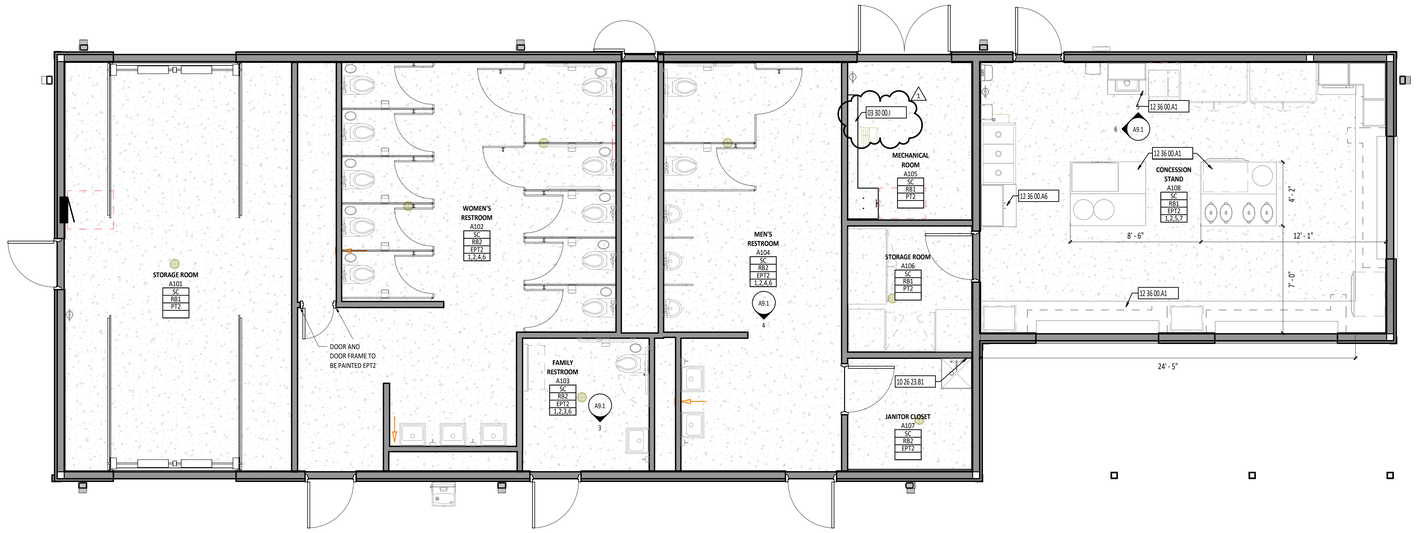
ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	KMV	CWS

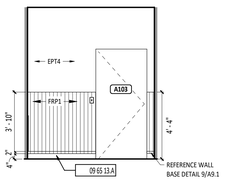
SHEET TITLE:
BUILDING ELEVATIONS

SHEET NUMBER:
A2.1

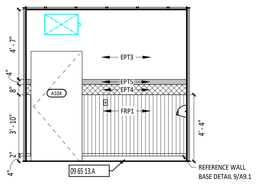
PRINTED ON: 1/21/2026 11:01:06 AM



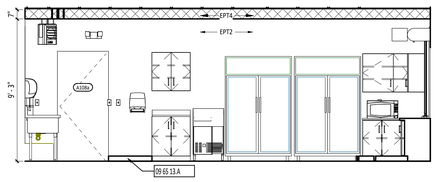
1 / A9.1 FIRST FLOOR FINISH PLAN - UNIT A
1/4" = 1'-0"



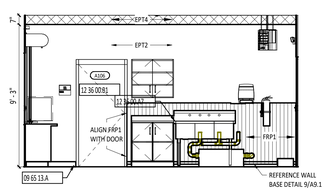
3 / A9.1 INTERIOR ELEVATION - TYPICAL INDIVIDUAL RESTROOM WALL FINISHES
1/4" = 1'-0"



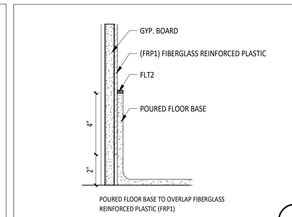
4 / A9.1 INTERIOR ELEVATION - TYPICAL GROUP RESTROOM WALL FINISHES
1/4" = 1'-0"



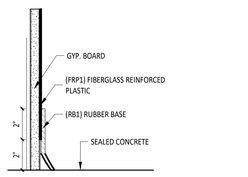
5 / A9.1 INTERIOR ELEVATION - NORTH - A110
1/4" = 1'-0"



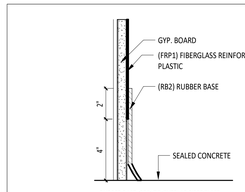
6 / A9.1 INTERIOR ELEVATION - WEST - A108
1/4" = 1'-0"



7 / A9.1 EPOXY POURED 06" FLOOR BASE - ALTERNATE
3" = 1'-0"



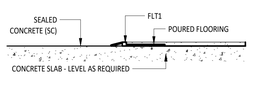
8 / A9.1 FRP TO 4" RUBBER WALL BASE DETAIL
3" = 1'-0"



9 / A9.1 FRP TO 6" RUBBER WALL BASE DETAIL
3" = 1'-0"

FINISH MATERIAL SCHEDULE

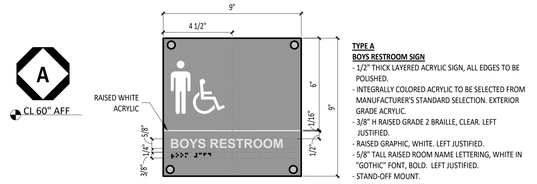
NAME	MANUFACTURER	STYLE	NUMBER	COLOR	SIZE	COMMENTS
03 35 00 CONCRETE FINISHING - SEALED CONCRETE						
SC	REFER TO SPECIFICATIONS	- -	- -	GRAY	- -	
09 65 00 RESILIENT FLOORING - FLOOR TRANSITIONS						
FLT1	SCHLUTER	RENO-U	- -	SATIN ANODIZED ALUMINUM	- -	FOR RESINOUS FLAKE FLOORING ALTERNATE
FLT2	SCHLUTER	JOLLY	- -	BRUSHED STIANLESS	J 60 EB	FOR RESINOUS FLAKE FLOORING ALTERNATE
09 65 13 RESILIENT BASE AND ACCESSORIES - RUBBER BASE						
RB1	JOHNSONITE	TRADITIONAL RUBBER BASE	40	BLACK	4" COVE TOE	
RB2	JOHNSONITE	TRADITIONAL RUBBER BASE	40	BLACK	6" COVE TOE	
09 67 23 RESINOUS FLOORING - EPOXY FLAKE FLOORING - ALTERNATE						
RES1	DUR-A-FLEX	DUR-A-CHIP	- -	CUSTOM	- -	TORGINOL BLEND: F2160 16.5%, F1050 33.5%, F6606 16.5%, F2250 33.5%
09 91 23 PAINTING - EPOXY PAINT						
EPT2	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7010	WHITE DUCK	- -	
EPT3	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7018	DOVETAIL	- -	
EPT4	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW6993	BLACK OF NIGHT	- -	
EPT5	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW6884	OBSTINATE ORANGE	- -	
09 91 23 PAINTING - PAINT						
PT1	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7757	HIGH REFLECTIVE WHITE	- -	CEILING PAINT
PT2	SHERWIN WILLIAMS	REFER TO SPECIFICATIONS	SW7010	WHITE DUCK	- -	
10 21 13 COMPARTMENTS AND CUBICLES - TOILET PARTITION						
TPN1	SCRANTON	REFER TO SPECIFICATIONS	- -	GRAY	- -	
10 26 23 PROTECTIVE WALLCOVERING - FIBER REINFORCED PANELING						
FRP1	MARLITE	FIBER REINFORCED PANEL	- -	LIGHT GRAY, PEBBLE TEXTURE	- -	
12 35 50.13 CASEWORK - CASEWORK HARDWARE						
CH1	STEVENS	STAINLESS STEEL COLLECTION, BAR 128	SA019SS	STAINLESS STEEL	- -	
12 35 50.13 EDUCATIONAL CASEWORK - PLASTIC LAMINATE						
LT1	PANOLAM	PREMIUM HIGH PRESSURE LAMINATE	MB120-V	HAROLD		
LT2	WILSONART	PREMIUM HIGH PRESSURE LAMINATE	8201K-12	GREY ELM		



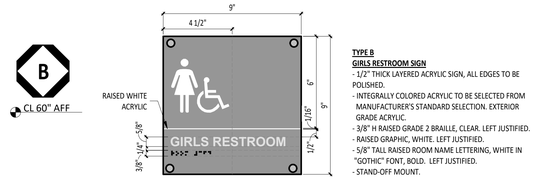
10 / A9.1 FLOOR TRANSITION - SEALED CONCRETE TO EPOXY POURED FLOORING
6" = 1'-0"

SIGNAGE SCHEDULE - FIRST FLOOR PLAN

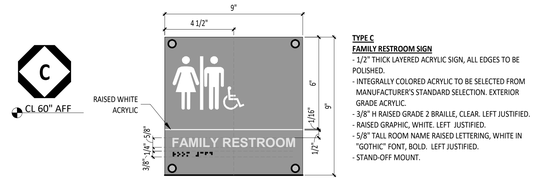
CONSTRUCTION DOCUMENTS ROOM NUMBER SERVED	CONSTRUCTION DOCUMENTS DOOR NUMBER / OPENING	CONSTRUCTION DOCUMENTS ROOM NAME	CONSTRUCTION DOCUMENTS SIGNAGE TYPE	ACTUAL SIGNAGE NUMBER	ACTUAL SIGNAGE NAME	NOTES
A101		STORAGE ROOM	D			
A102		WOMEN'S RESTROOM	B			
A103		FAMILY RESTROOM	C			
A104		MEN'S RESTROOM	A			
A105		MECHANICAL ROOM	D			
A106		STORAGE ROOM	D			
A107		JANITOR CLOSET	D			
A108		CONCESSION STAND	D			



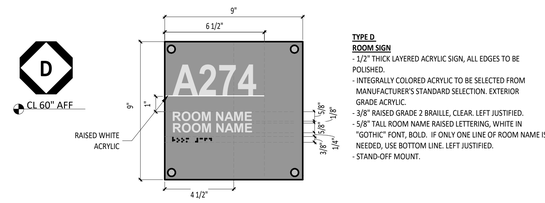
TYPE A
BOYS RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE. LEFT JUSTIFIED.
- 5/8" TALL RAISED ROOM NAME LETTERING, WHITE IN "GOTHIC" FONT, BOLD. LEFT JUSTIFIED.
- STAND-OFF MOUNT.



TYPE B
GIRLS RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE. LEFT JUSTIFIED.
- 5/8" TALL RAISED ROOM NAME LETTERING, WHITE IN "GOTHIC" FONT, BOLD. LEFT JUSTIFIED.
- STAND-OFF MOUNT.



TYPE C
FAMILY RESTROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" H RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- RAISED GRAPHIC, WHITE. LEFT JUSTIFIED.
- 5/8" TALL ROOM NAME RAISED LETTERING, WHITE IN "GOTHIC" FONT, BOLD. LEFT JUSTIFIED.
- STAND-OFF MOUNT.



TYPE D
ROOM SIGN
- 1/2" THICK LAYERED ACRYLIC SIGN, ALL EDGES TO BE POLISHED.
- INTEGRALLY COLORED ACRYLIC TO BE SELECTED FROM MANUFACTURER'S STANDARD SELECTION. EXTERIOR GRADE ACRYLIC.
- 3/8" RAISED GRADE 2 BRAILLE, CLEAR. LEFT JUSTIFIED.
- 5/8" TALL ROOM NAME RAISED LETTERING, WHITE IN "GOTHIC" FONT, BOLD. IF ONLY ONE LINE OF ROOM NAME IS NEEDED, USE BOTTOM LINE. LEFT JUSTIFIED.
- STAND-OFF MOUNT.

11 / A9.1 SIGNAGE DETAILS
3" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	AREA	OCCUPANCY
A101	STORAGE ROOM	394 SF	1
A102	WOMEN'S RESTROOM	431 SF	
A103	FAMILY RESTROOM	72 SF	
A104	MEN'S RESTROOM	297 SF	
A105	MECHANICAL ROOM	83 SF	0
A106	STORAGE ROOM	67 SF	0
A107	JANITOR CLOSET	60 SF	0
A108	CONCESSION STAND	467 SF	5

FLOOR FINISH MATERIAL LEGEND

SEALED CONCRETE — SC

TYPICAL FINISHES

* UNLESS NOTED OTHERWISE, THESE FINISH SELECTIONS SHALL BE USED THROUGHOUT THE PROJECT. CONTRACTOR SHOULD BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

GWB CEILINGS AND BULKHEADS	PT1
HOLLOW METAL DOOR FRAMES	PT4
HOLLOW METAL DOORS	PT4
SWITCH PLATES AND OUTLET COVERS	WHITE
CASEWORK LAMINATE	HORIZONTAL
CASEWORK LAMINATE	VERTICAL

FLOOR FINISHES GENERAL NOTES

A FLOORING TRANSITIONS AND SEAMS AT DOOR SHALL OCCUR DIRECTLY UNDER THE CENTERLINE OF CLOSED DOOR UNLESS NOTED OTHERWISE.
B FLOORING TRANSITIONS ARE TO BE EASED TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION.
C FLOOR FINISHES SHALL EXTEND UNDER BUILT-IN COUNTER AND EQUIPMENT.
D REFERENCE THE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, AND COLOR SELECTIONS.
E ALL BASE MATERIALS SHALL BE INSTALLED TIGHT TO FLOORING SURFACE.
F REFERENCE SHEETS A9.1 FOR INTERIOR FINISH ALTERATES.
G ALL INTERIOR WALL FINISH TRANSITIONS SHOULD OCCUR AT AN INSIDE CORNER, IF A MATERIAL OR COLOR CHANGE OCCURS AT AN OUTSIDE CORNER, CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.

SIGNAGE GENERAL NOTES

A VERIFY SIGNAGE NAME AND NUMBER WITH OWNER BEFORE MANUFACTURING.
B REFERENCE A8 SHEETS FOR CONSTRUCTION DOCUMENTS SIGNAGE TYPE AND PLACEMENT LOCATION.

INTERIOR ELEVATION GENERAL NOTES

A REFERENCE FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
B SHADING ON ELEVATIONS TO HELP CLARIFY AND HIGHLIGHT PAINT OR MATERIAL CHANGES. REFER TO NOTED FINISH PLAN FOR ACTUAL PAINT/MATERIAL USED AT LOCATION.
C REFERENCE FINISH MATERIAL SCHEDULE FOR MANUFACTURERS, TYPES, COLOR SELECTIONS.

#	KEYNOTE DESCRIPTION
03 30 00.I	RAISED CONCRETE HOUSEKEEPING PAD BY RESPECTIVE MECHANICAL/ELECTRICAL/PLUMBING CONTRACTOR(S) - REFERENCE THE MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS - COORDINATE FINAL SIZES AND LOCATIONS OF THE RAISED CONCRETE HOUSEKEEPING PAD WITH THE GENERAL TRADES CONTRACTOR.
09 65 13.A	BASE AS SCHEDULED - REFERENCE FINISH MATERIAL SCHEDULE.
10 26 23.B1	FIBERGLASS REINFORCED PANELING BACKSPLASH - 4'-0"H x 2'-0"W MININUM BEYOND EACH CORNER OF FLOOR SERVICE SINK
12 36 00.A1	PLASTIC LAMINATE COUNTERTOP
12 36 00.A6	STAINLESS STEEL COUNTERTOP
12 36 00.A7	SOLID SURFACING COUNTERTOP
12 36 00.B1	4" HIGH BACKSPLASH - SAME MATERIAL AS COUNTERTOP AND HEIGHT AS LABELED UNLESS NOTED OTHERWISE

FINISH TAG LEGEND

A1XX — ROOM NUMBER

FLOOR FINISH	RF1
BASE FINISH	RB1
WALL FINISH	PT1
FINISH REMARK*	2

*REMARKS NUMBERS COORDINATE WITH "INTERIOR FINISH REMARKS" NOTES LEGEND ABOVE

MATERIALS NOTED IN FINISH TAG SHOULD BE CONSIDERED THE OVERALL FINISHES IN THE ROOM MARKED UNLESS NOTED OTHERWISE WITH KEYNOTES ON FINISH PLAN OR INTERIOR ELEVATIONS.

INTERIOR FINISH REMARKS

1. MULTIPLE WALL FINISHES IN THIS ROOM. REFER TO INFORMATION NOTED ON FINISH PLANS AND INTERIOR ELEVATIONS.
2. RESINOUS FLAKE FLOORING AND INTEGRAL COVE BASE AS AN ALTERNATE IN THIS ROOM, U.N.O. REFERENCE 7/A9.1 FOR BASE DETAIL.
3. FRP1 FROM 0'-4" TO 4'-4" A.F.F, EPT4 FROM 4'-6" A.F.F TO ABOVE CEILING ON ALL WALLS IN THIS ROOM, U.N.O. REFER TO DETAIL 3/A9.1.
4. FRP1 FROM 0'-4" TO 4'-4" A.F.F, EPT4 FROM 4'-4" TO 5'-0", EPT5 FROM 5'-0" TO 5'-4", EPT3 FROM 5'-4" TO ABOVE CEILING ON ALL WALLS IN THIS ROOM, U.N.O. REFER TO DETAIL 4/A9.1.
5. EPT2 FROM FINISHED FLOOR TO 9'-3" A.F.F, EPT4 FROM 9'-3" TO ABOVE CEILING ON ALL WALLS IN THIS ROOM, U.N.O. REFER TO DETAILS 5 & 6/A9.1.
6. REFERENCE WALL BASE DETAIL LOCATED AT, 9/A9.1.
7. REFERENCE WALL BASE DETAIL LOCATED AT, 8/A9.1.

STATE OF OHIO — MATTHEW R. HIBNER — 1416052 — REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA
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NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
310 NORTH MAIN STREET, ARCANUM, OHIO 45304

ISSUANCES/REVISIONS

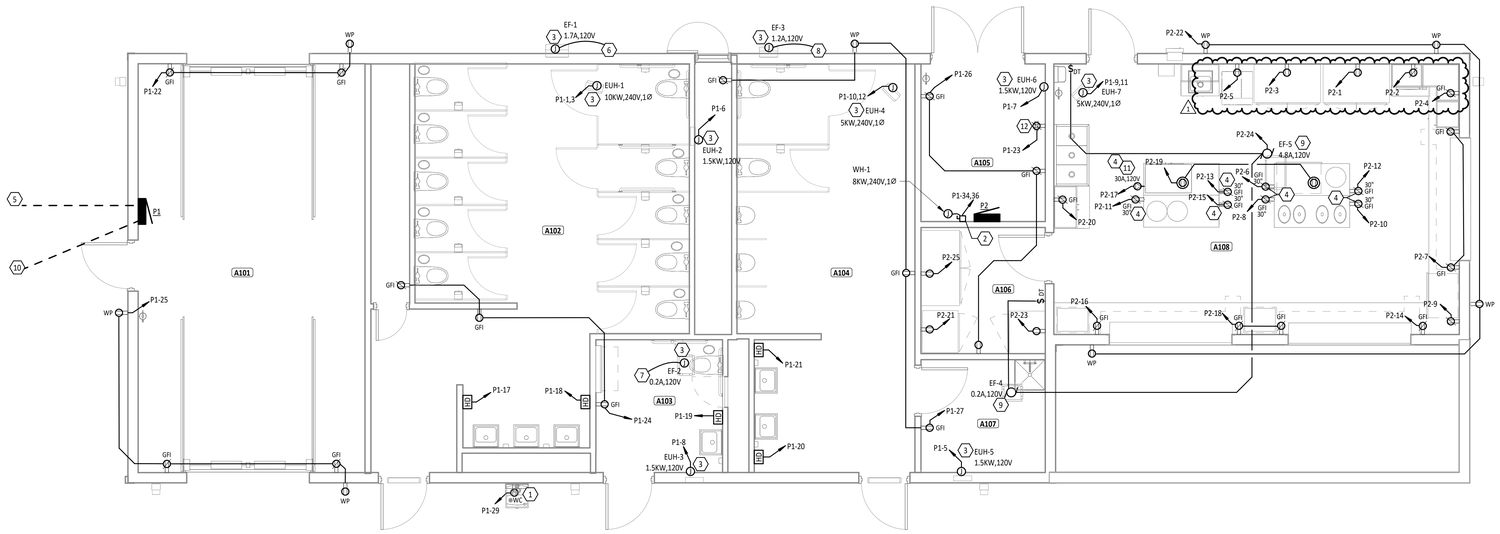
	CONSTRUCTION DOCUMENTS	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	MEK	HEF

SHEET TITLE:
FIRST FLOOR FINISH PLAN - UNIT A

SHEET NUMBER:
A9.1

PRINTED ON: 1/21/2026 7:58:11 AM



1 E5.1 **POWER PLAN - CONCESSION**
1/4" = 1'-0"

FIRST FLOOR PLAN ROOM INDEX - UNIT A

ROOM NUMBER	ROOM NAME	AREA
A101	STORAGE ROOM	394 SF
A102	WOMEN'S RESTROOM	431 SF
A103	FAMILY RESTROOM	72 SF
A104	MEN'S RESTROOM	297 SF
A105	MECHANICAL ROOM	83 SF
A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

POWER GENERAL NOTES

A WHERE DEVICES ARE SHOWN UNDER CABINETS, CASEWORK, FURNITURE AND THE LIKE; REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT PLACEMENT SO THAT DEVICES SHALL BE LOCATED WITHIN KNEE SPACE OR OPEN AREA.

B CASEWORK INSTALLER SHALL CUT HOLES IN CASEWORK FOR RECEPTACLES, DEVICES, ETC., UNLESS NOTED OTHERWISE.

C ALL CONDUCTORS FOR EQUIPMENT CONNECTIONS SHALL BE COPPER UNLESS NOTED OTHERWISE AND APPROVED BY THE MANUFACTURER.

D COORDINATE WITH ALL OTHER TRADES TO MAINTAIN ALL REQUIRED CLEARANCES ABOUT ELECTRICAL EQUIPMENT WITH ACCORDANCE TO THE NATIONAL ELECTRICAL CODE.

E ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX, UNO.

#	KEYNOTE DESCRIPTION
1	RECEPTACLE FOR WATER COOLER, COORDINATE EXACT MOUNTING LOCATION OF RECEPTACLE WITH PLUMBING CONTRACTOR. REFERENCE DETAIL 6/E1.2.
2	PROVIDE 60A, 250V, HEAVY DUTY, NON-FUSIBLE DISCONNECT IN NEMA 1 ENCLOSURE.
3	UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
4	PROVIDE CONDUIT UNDER SLAB, UP INTO SPACE BETWEEN CASEWORK TO SERVE DEVICE(S). DEVICE FLUSH MOUNTED IN CASEWORK. COORDINATE WITH CASEWORK INSTALLER.
5	REFER TO SITE PLAN E2.1 FOR CONTINUATION TO HAND HOLE.
6	EF-1 CONTROLLED BY WOMENS REST ROOM A102 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
7	EF-2 CONTROLLED BY FAMILY REST ROOM A103 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
8	EF-3 CONTROLLED BY MENS REST ROOM A104 LIGHTS. REFER TO SHEET E4.1 FOR CONTINUATION.
9	EXHAUST FAN UNIT HAS INTEGRATED DISCONNECT. PROVIDE ALL ELECTRICAL CONNECTIONS. PROVIDE DIGITAL TIMER SWITCH RATED FOR LOAD TO CONTROL EXHAUST FAN. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR.
10	REFER TO SITE PLAN E2.1 FOR CONTINUATION TO PANEL MDP.
11	COORDINATE RECEPTACLE CONFIGURATION WITH POPCORN EQUIPMENT.
12	RECEPTACLE FOR TECHNOLOGY RACK. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.

STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

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NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
310 NORTH MAIN STREET, ARCANUM, OH 45304

ISSUANCES/REVISIONS

	CD PHASE SUBMISSION	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	KCR	CDH

SHEET TITLE:
POWER PLAN - CONCESSION

SHEET NUMBER:
E5.1

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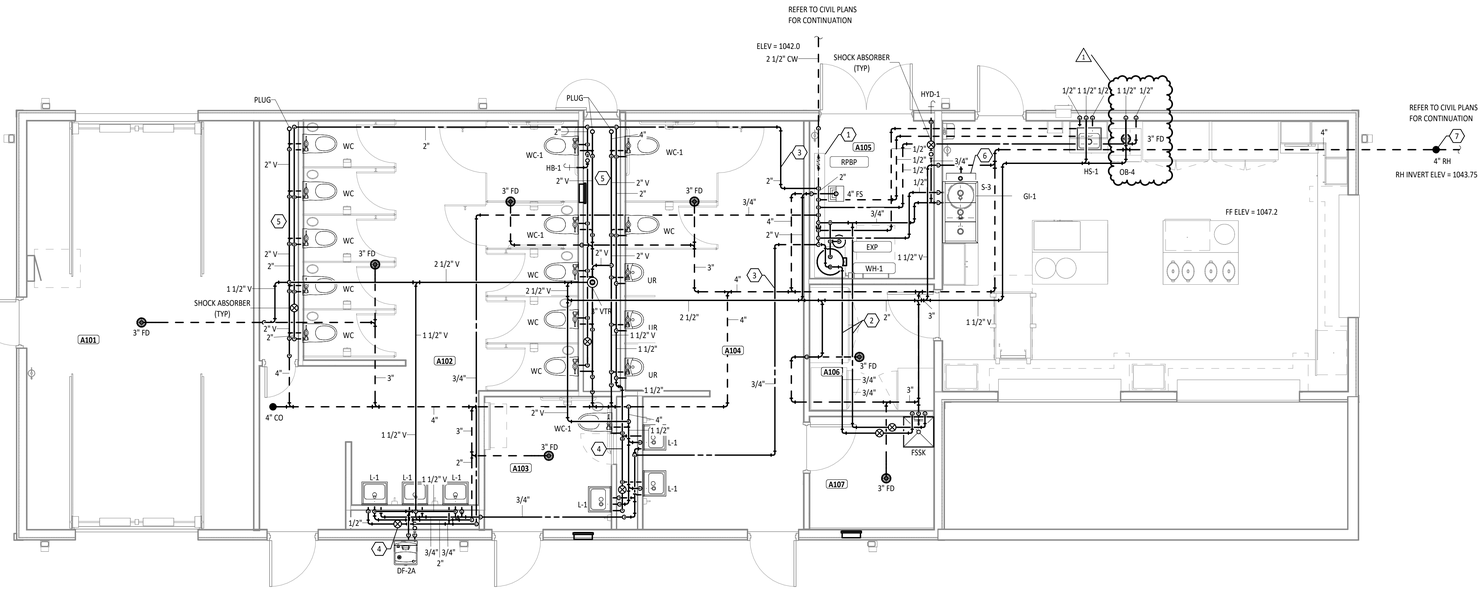

FIRST FLOOR PLAN ROOM INDEX - UNIT A

ROOM NUMBER	ROOM NAME	AREA
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A106	STORAGE ROOM	67 SF
A107	JANITOR CLOSET	60 SF
A108	CONCESSION STAND	467 SF

PLUMBING GENERAL NOTES

A. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS SERVING MECHANICAL ROOMS, MECHANICAL DECKS, EMERGENCY SHOWERS, KITCHEN FLOOR DRAINS, AND AS REQUIRED BY CODE. SUPPLY NEAREST COLD WATER PIPING CONNECTED TO A FLUSH VALVE OR SOLENOID VALVE. SUPPLY PIPING SHALL BE 1/2" VALVED COLD WATER LINE. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.

B. VERIFY INVERT ELEVATIONS ON UNDERGROUND SANITARY AND STORM PIPING. COORDINATE DEPTHS WITH THE BUILDING CONSTRUCTION AND ALL OTHER UTILITIES.

C. ALL SANITARY AND VENT PIPING IN CHASE EXPOSED TO THE PLENUM AND ABOVE CEILING WHERE PLENUM IS USED FOR RETURN AIR SHALL BE CAST IRON. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

D. ALL FINAL GAS CONNECTIONS SHALL BE MADE WITH FLEXIBLE STAINLESS STEEL PIPE OR RIDGED PIPE WITH UNION, SHUT-OFF VALVE AND DIRT LEG. REFERENCE DETAIL FOR ADDITIONAL INFORMATION.

E. ALL KITCHEN SANITARY PIPING NOTED WITH "GI" SHALL BE SLOPED AT 1/4" PER FOOT FROM KITCHEN EQUIPMENT TO THE GREASE INTERCEPTOR.

F. PITCH UNDERFLOOR SANITARY WASTE AND STORM PIPING 3" AND GREATER AT 1/8" PER FOOT, UNLESS NOTED OTHERWISE. PITCH ALL OTHER WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.

G. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.

H. ROUTE DOMESTIC WATER, FIRE PROTECTION, SANITARY SEWER, AND STORM SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFERENCE CIVIL PLANS.

I. PROVIDE CLEANOUT IN ACCESSIBLE LOCATION AT THE BASE OF ALL PLUMBING RISERS.

J. WHERE FLOOR DRAINS OCCUR WITHIN THE LIMITS OF CONSTRUCTION, PREVENT CONSTRUCTION DEBRIS FROM ENTERING DRAIN BODY BY SEALING DRAIN OPENING PRIOR TO START OF WORK.

K. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.

L. FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.

M. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.

#	KEYNOTE DESCRIPTION
1	DIVISION 22 PLUMBING CONTRACTOR SHALL PROVIDE 3-1/2" CONCRETE HOUSEKEEPING PAD FOR PLACEMENT OF PLUMBING EQUIPMENT AND TO PROTECT DOMESTIC WATER PIPING GOING UNDERGROUND. COORDINATE WORK WITH GENERAL CONTRACTOR.
2	DOMESTIC WATER PIPING, VALVES, AND ACCESSORIES SHALL BE ROUTED EXPOSED BELOW STRUCTURE WITHIN THE MECHANICAL AND STORAGE ROOMS. ALL PIPING SERVING THE FIXTURES SHALL BE CONCEALED WITHIN THE WALL UNLESS IT IS AN EXTERIOR WALL THEN IT SHOULD BE ROUTED EXPOSED. COORDINATE PIPING INSTALLATION TO AVOID ROUTING OVER ELECTRICAL PANELS. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
3	ROUTE UNDERGROUND COLD AND HOT DOMESTIC WATER PIPING IN FIELD TILE OR CONDUIT. STUB UP IN CHASES AS SHOWN. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
4	INSTALL VALVES, SHOCK ABSORBERS, AND ACCESSORIES IN ACCESSIBLE LOCATION FROM ACCESS DOOR WITHIN PLUMBING CHASE. COORDINATE WORK WITH THE GENERAL CONTRACTOR.
5	INSTALL ALL PIPING SO CHASE IS ACCESSIBLE AND IS ABLE TO BE MAINTAINED. SLOPE ALL DOMESTIC WATER PIPING TO A DRAIN VALVE WITH HOSE CONNECTION TO ALLOW FOR DRAINAGE OF SYSTEM. COORDINATE WORK WITH GENERAL CONTRACTOR.
6	MOUNT GREASE INTERCEPTOR ON FLOOR UNDER SINK AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
7	COORDINATE INVERT WITH SITE CONTRACTOR TO ALLOW TIE-IN OF AN EXISTING BUILDING.

1 P2.1 **PLUMBING PLAN - CONCESSION**
1/4" = 1'-0"

N

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STATE OF OHIO
MATTHEW R. HIBNER
1416052
REGISTERED ARCHITECT
MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

GARMANN MILLER
MARIETTA, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
GMDPLAN.COM

NEW BUILDING FOR
ARCANUM BOOSTER STADIUM PHASE III IMPROVEMENTS
331 NORTH MAIN STREET, ARCANUM, OH 45304

ISSUANCES/REVISIONS

	CD PHASE SUBMISSION	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	RAG	MAK

SHEET TITLE:
PLUMBING PLAN - CONCESSION

SHEET NUMBER:
P2.1

DOMESTIC FIXTURE SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION	FINISH	MOUNTING HEIGHT	DEPTH	ADA	TRIM				FLOW FIXTURE				FLUSH FIXTURE		WASTE ROUGH-IN PIPE SIZE	INDIRECT WASTE PIPE SIZE	VENT PIPE SIZE	COLD WATER ROUGH-IN PIPE SIZE	HOT WATER ROUGH-IN PIPE SIZE	SPECIFICATION	REMARKS
										MANUFACTURER	MODEL	TYPE	MOTION SENSOR CONTROL	WATER FLOW	COLD WATER TEMP.	HOT WATER TEMP.	MAX. MIXED WATER TEMP.	VOL. PER FLUSH	MIN. VOL. PER FLUSH							
DF-2A	DRINKING FOUNTAIN W/ BOTTLE FILLER - ADA	ELKAY	LVRCGRN8WSK	1	STAINLESS STEEL	STAINLESS STEEL CABINET	36" TO SPOUT		Yes				No	0.13 GPM	40 °F		40 °F			2"	---	1-1/2"	1/2"		SINGLE LEVEL WALL HUNG WATER COOLER WITH BOTTLE FILLER. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, ELECTRONIC BOTTLE FILLER SENSOR AND MECHANICAL FRONT BUBBLER BUTTON, VANDAL RESISTANT BUBBLER, 3000-GALLON FILTER KIT, AIR COOLED REFRIGERATING SYSTEM, 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE.	
FSSK	FLOOR SERVICE SINK	ZURN	Z1996-24	1	MOLDED STONE	WHITE		0' - 10"	No	ZURN	Z843M1-XL	MANUAL	No	2.50 GPM	40 °F	120 °F	105 °F			---	3"	---	3/4"	3/4"	FLOOR SERVICE SINK: 24"x24"x10" BASIN, MOLDED HIGH DENSITY COMPOSITE BASIN, 3" DRAIN BODY WITH STAINLESS STEEL, 3" DRAIN AND CAST IRON TRAP, VINYL BUMPER GUARD, HOSE, HOSE BRACKET, MOP HANGER, AND STAINLESS STEEL WALL GUARDS. FAUCET: WALL MOUNTED, VANDAL RESISTANT COLOR CODED LEVER HANDELS, 6" SPOUT, WALL BRACE, PAIL HOOK, INTEGRAL SERVICE STOPS, CHECK STOPS AND ATMOSPHERIC VACUUM BREAKER SPOUT.	
HB-1	HOSE BIBB	ZURN	Z1330XL	1	STAINLESS STEEL	STAINLESS STEEL	0'-8" AFF					MANUAL	No	2.50 GPM	40 °F		40 °F						3/4"		INTERIOR HOSE BIBB WITH VACUUM BREAKER, 3/4" HOSE THREAD OUTLET, LOCK SHIELD CAP, AND REMOVABLE "TEE" HANDLE. PROVIDE SHUTOFF VALVE IN COLD WATER SUPPLY AHEAD OF HOSE BIBB.	
HS-1	HAND SINK	ZURN	LRAD151765	1	STAINLESS STEEL	STAINLESS STEEL		0' - 6 1/2"	Yes	ZURN	Z812B4-XL	MANUAL	No	0.50 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	SINGLE COMPARTMENT, DROP-IN, 18 GAUGE, WITH STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. FAUCET: 5-3/8: GOOSENECK, DUAL WRIST BLADE, DECK MOUNTED MANUAL FAUCET WITH 4" CENTERS. PRESSURE COMPENSATING PLAIN END 0.5 GPM	
HYD-1	EXTERIOR WALL HYDRANT	ZURN	Z1320XL	1	STAINLESS STEEL	STAINLESS STEEL	0'-8" AFF					MANUAL	No	2.50 GPM	40 °F		40 °F						3/4"		NON-FREEZE TYPE WALL HYDRANT, WITH DOUBLE CHECK BACKFLOW PREVENTER, VALVE ON THE INSIDE OF THE WALL, SPOUT WITH BACKFLOW PREVENTER, AND LOOSE KEY SOCKET ON THE OUTSIDE OF THE WALL. MAKE ARRANGEMENTS WITH THE GENERAL CONTRACTOR TO PROVIDE THE NECESSARY RECESS IN THE WALL. WHERE A RISER TO A WALL HYDRANT OCCURS IN AN OUTSIDE WALL, THE CONTRACTOR SHALL INSULATE THE CHASE WITH 2" STYROFOAM INSULATION ON ALL SIDES OF THE CHASE, EXCEPT THE INSIDE WALL OF THE CHASE. PROVIDE SHUTOFF VALVE IN ACCESSIBLE LOCTATION.	
L-1	LAVATORY - WALL HUNG - ADA	AMERICAN STANDARD	LUCERNE - 0355.012	6	WHITE VITREOUS CHINA	WHITE	34" TO RIM	0' - 6 1/2"	Yes	ZURN	Z81101-XL-25 M	MANUAL	No	0.35 GPM	40 °F	120 °F	105 °F			---	2"	---	1/2"	1/2"	LAVATORY: WALL MOUNTED WITH CONCEALED ARM SUPPORTS, REAR OVERFLOW, FAUCET LEDGE, 4" CENTERS, & GRID STRAINER. FAUCET: DUAL LEVER, DECK MOUNTED MANUAL FAUCET WITH 4" CENTERS. PRESSURE COMPENSATING SPRAY 0.35 GPM, EXTERNAL 1070 COMPLIANT THERMOSTATIC MIXING VALVE.	
OB-4	ICE MAKER OUTLET BOX	SIOUX CHIEF	696-G1010MF	1	ABS PLASTIC	WHITE	0'-8" AFF						No	0.10 GPM	40 °F		40 °F						1/2"		FULLY RECESSED ICE MAKER SUPPLY BOX WITH COVER. PROVIDE 1/4 TURN BALL VALVE AND WATER HAMMER ARRESTOR IN BOX. PROVIDE A BACKFLOW PREVENTER CONCEALED IN WALL SPACE.	
S-3	3-COMPARTMENT SINK	JUST	NSFB372-J	1	STAINLESS STEEL	STAINLESS STEEL				T&S BRASS	B-0133-ADF1 4-B	MANUAL	No	2.20 GPM	40 °F	140 °F	140 °F			---	2"	---	1/2"	1/2"	THREE COMPARTMENT, 14 GAUGE. DUAL LEVER SWIVEL FAUCET WITH 14" SWING SPOUT. THREE T&S BRASS MODEL NO. B-3952 TWIST TYPE LEVER WASTE, AERO MODEL NO. S-22 3 COMPARTMENT CONTINUOUS WASTE, SUPPLIES, AND STOPS.	INDIRECT WASTE TO FLOOR SINK BY PLUMBING CONTRACTOR
UR	URINAL	ZURN	Z5755-U	3	WHITE VITREOUS CHINA	WHITE	21" TO RIM		No	ZURN	Z6003AV-ULF	MANUAL	No		40 °F		40 °F	0.125 gal	0.125 gal	2"	---	1-1/2"	3/4"		URINAL: WALL MOUNTED URINAL WITH WASHOUT ACTION, TOP SPUD, CARRIER. FLUSH VALVE: MANUAL, HIGH BACK PRESSURE VACUUM BREAKER, BRASS CONSTRUCTION WITH DURABLE CHROME FINISH, 3/4" TOP SPUD COUPLING CONNECTION.	
WC	WATER CLOSET - WALL HUNG	ZURN	Z5615-BWL	9	WHITE VITREOUS CHINA	WHITE	15" TO RIM		Yes	ZURN	Z6000AV-HET	MANUAL	No		40 °F		40 °F	1.28 gal	1.28 gal	4"	---	2"	1"		WATER CLOSET: ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, CARRIER, SIPHON ACTION JETTED BOWL WITH SELF SUSTAINING ELONGATED OPEN FRONT SEAT. FLUSH VALVE: MANUAL, 1.28 GPF, POLISHED CHROME FINISH, FIXTURE CONNECTION 1-1/2" TOP SPUD.	
WC-1	WATER CLOSET - WALL HUNG - ADA - 17"	ZURN	Z5615-BWL	4	WHITE VITREOUS CHINA	WHITE	17" TO RIM		Yes	ZURN	Z6000AV-HET	MANUAL	No		40 °F		40 °F	1.28 gal	1.28 gal	4"	---	2"	1"		WATER CLOSET: ELONGATED WALL HUNG WATER CLOSET, 1-1/2" TOP SPUD, CARRIER, SIPHON ACTION JETTED BOWL WITH SELF SUSTAINING ELONGATED OPEN FRONT SEAT. FLUSH VALVE: MANUAL, 1.28 GPF, POLISHED CHROME FINISH, FIXTURE CONNECTION 1-1/2" TOP SPUD.	

REDUCED PRESSURE BACKFLOW PREVENTER SCHEDULE

ID	NOMINAL DIAMETER	DESCRIPTION	MANUFACTURER	MODEL	COUNT	MATERIAL	FLUID PROPERTIES	VALVE PROPERTIES					REMARKS
							TYPE	RATED FLOW	PRESSURE DROP AT RATED FLOW	MAXIMUM ALLOWABLE WORKING PRESSURE	MAXIMUM ALLOWABLE WORKING TEMPERATURE	HYDROSTATIC TEST PRESSURE	
RPBP	2"	REDUCED PRESSURE PRINCIPLE ASSEMBLY	ZURN WILKINS	975 XL	1	BRONZE	WATER	160.0 GPM	35.1 ftH2O	403.7 ftH2O	180 °F	807.4 ftH2O	ASSE 1013 CERTIFIED REDUCED PRESSURE BACKFLOW PREVENTER WITH FULL PORT QUARTER TURN SHUTOFF VALVES. PROVIDE AN AIR GAP WITH RELIEF PIPED TO NEAREST FLOOR DRAIN. MOUNT AT 5'-0" AFF.

GREASE INTERCEPTOR SCHEDULE

ID	MANUFACTURER	MODEL	QTY	TYPE	MATERIAL DESCRIPTION	DESIGN FLOW	CAPACITY			INSTALLATION	PIPE CONNECTIONS			DIMENSIONS			REMARKS
							LIQUID	GREASE	SOLIDS	ARRANGEMENT	INLET DIA	OUTLET DIA	VENT DIAMETER	LENGTH	WIDTH	HEIGHT	
GI-1	SCHIER	GB2	1	HYDROMECHANICAL	POLYPROPYLENE	35.0 GPM	20.0 gal	130.00 lbm	1.8 gal	ABOVE GRADE	3"	3"	4"	2' - 11"	1' - 11"	1' - 3 3/4"	MOUNT UNDER SINK

ELECTRIC WATER HEATER SCHEDULE

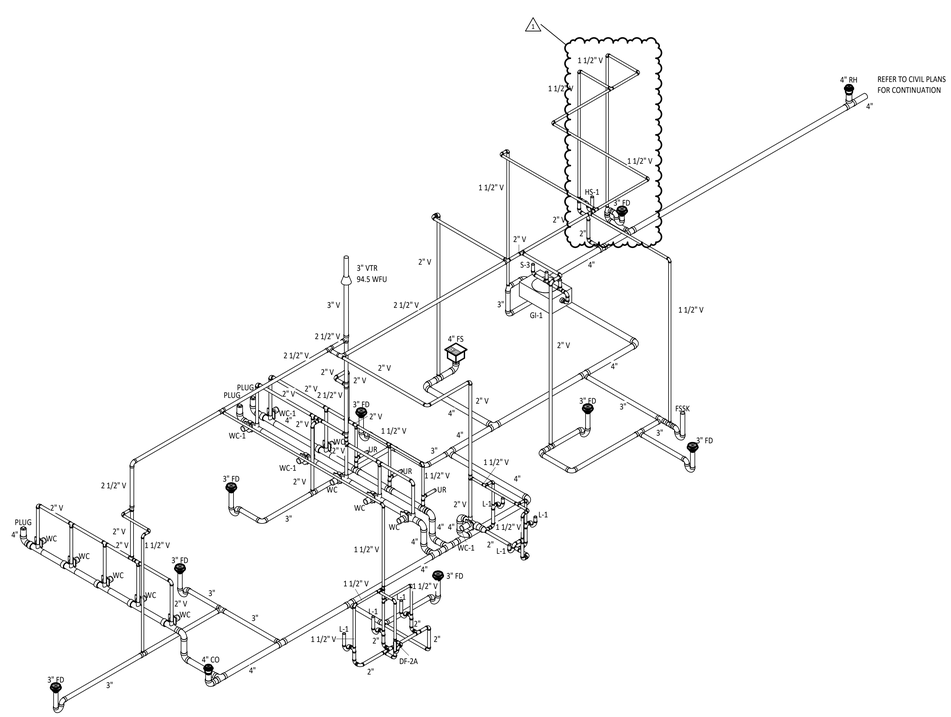
ID	LOCATION		MANUFACTURER	MODEL NO.	TYPE	ELECTRIC HEAT EXCHANGER				ELECTRIC HEAT EXCHANGER			EF	UNIT WEIGHT	FLA	MCA	MOCP	VOLT	PH	REMARKS
	NAME	NO.				HEATING CAP	WATERSIDE STORAGE RECOVERY	WATERSIDE STORAGE VOL	WATERSIDE MAX TEMP RISE	HEATING ELEMENT QTY	HEATING ELEMENT POWER	HEATING ELEMENT SCR								
WH-1	MECHANICAL ROOM	A105	AO SMITH	DEN-52	TANK	8.0 kW	41.0 gal/h	50.0 gal	80 °F	2	4 kW	No	100	131 lb	33 A	33 A	35 A	240 V	1	

DOMESTIC EXPANSION TANK SCHEDULE

ID	MANUFACTURER	MODEL	TANK VOLUME	ACCEPTANCE VOLUME	PRESS RELIEF	DIMENSIONS		UNIT WEIGHT	REMARKS
						DIAMETER	HEIGHT		
EXP	WILKINS	WTTA-5	3.5 gal	2.3 gal	150 psi	0' - 10"	1' - 2"	22 lb	

FLOOR DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION		WASTE PIPE SIZE	VENT PIPE SIZE	PRIMER PIPE SIZE	SPECIFICATION	REMARKS
					DRAIN BODY	STRAINER					
FD	FLOOR DRAIN	ZURN	ZN415-BZ1	8	EPOXY COATED CAST IRON	NICKEL BRONZE	3"	2"	---	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FS	FLOOR SINK	ZURN	Z566	1	DURA-COATED CAST IRON	EPOXY COATED CAST IRON	4"	2"	---	12" SQUARE X 8" DEEP SANITARY FLOOR SINK WITH LOOSE SET CAST IRON GRATE, DOME BOTTOM STRAINER, AND NO HUB OUTLET.	



1 SANITY ISOMETRIC
P4.1 NTS

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STATE OF OHIO
MATTHEW R. HIBNER 1416052
REGISTERED ARCHITECT

MATTHEW R. HIBNER
LICENSE #1416052
EXPIRATION DATE: 12/31/2027

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NEW BUILDING FOR
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310 NORTH MAIN STREET, ARCANUM, OH 45304

ISSUANCES/REVISIONS

	CD PHASE SUBMISSION	01/06/2026
1	ADDENDUM #01	01/21/2026

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23047.03	RAG	MAK

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PLUMBING SCHEDULES AND SANITARY ISOMETRIC

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