#### Addendum No. 004

January 31, 2022

ADDENDUM TO PLANS AND SPECIFICATIONS FOR:

**ODOT - Eaton Outpost** 

**DOT-200023** 

Prepared For: Ohio Department of Transportation / Ohio Facilities Construction Commission

Prepared Jerome M. Scott Architects Inc. Veregy

By: 1020 Goodale Boulevard 855 Grandview Ave. Columbus, Ohio 43212 Columbus, OH 43215

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 1495 Old Henderson Rd.

 Columbus, Ohio 43215
 Columbus, OH 43220

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This Addendum is included in the work as noted in the Notice to Bidders and Form of Proposal. Each item refers to drawing sheet numbers, specification numbers, or general comments.

To All Bidders: This addendum supplements and amends the original bid documents dated December 17, 2021 and shall be taken into account in preparing proposals and shall become a part of the contract documents.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

This Addendum consists of 29 pages (25-8.5x11 sheets and 4-24x36 sheets) included herein.

# **GENERAL:**

This project is being re-bid. The new bid opening is February 14, 2022 at 2:00 pm.

The General Contract Budget has been revised to \$2,400,000.

Additional scope changes and alternates are outlined below.

#### PROCUREMENT/CONTRACTING/SPECIFICATIONS:

# Section 00 10 00 - Solicitation (Revised Section Attached)

Revise General Contract budget to \$2,400,000.

Add Alternates 2 and 3 as shown.

Revise bid opening to February 14, 2022 at 2:00 pm.

# Section 00 41 13—Bid Form (Revised Section Attached)

Revise deadline to February 14, 2022 at 2:00 pm.

Revise contract time to 225 consecutive days from Notice to Proceed.

Add Alternates 2 and 3 as shown.

#### Section 00 52 00 – Agreement Form (Revised Section Attached)

Revise substantial completion contract time to 225 days.

Revise completion of punch list contract time to 255 days.

# Section 01 23 00 – Alternates (Revised Section Attached)

Add Alternates 2 and 3 as shown.

# Section 03 10 00 - Concrete Forming and Accessories

Form Liners removed from scope. Delete item 2.2-C as follows:

#### C. Form Liners

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - a. Sika Corporation
  - b. SpecFormliners, Inc.
  - c. Scott System
  - d. Fitzgerald Formliners
- 2. Size: Minimum 8' wide x 4' high
- 3. Face Pattern: Stone

#### Section 03 30 00 - Cast-In-Place Concrete

Color pigment removed from scope. Delete item 2.2-G as follows:

- G. Color Pigment: ASTM c979/C979M, synthetic mineral oxide pigments, color stable, nonfading, and resistant to lime and other alkilis.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. BASF Corporation
    - b. Euclid Chemical
    - c. Solomon Colors
  - 2. Color: As selected by Architect from manufacturer's full range.

# Section 07 31 13 – Asphalt Shingles (Specification Attached)

Add specification section.

# Section 09 29 00 - Gypsum Board

Add item 2.3-D as follows:

- D. Glass-Mat Interior Gypsum Board: ASTM C1658/C1658M. With fiberglass mat laminated to both sides.
  - 1. Core: 1/2 inch (12.7 mm), regular type.
  - 2. Long Edges: Tapered.
  - 3. Mold Resistance: ASTM D3273, score of 10 as rated according to ASTM D3274.

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#### **DRAWINGS:**

# **Revise Sheet A-200 – Exterior Elevations (Revised Sheet Attached)**

Delete Specification Note 03 30 00.2 Textured Pigmented Concrete.

Revise 4' high wainscot to 03 30 00.1 Cast-in-Place Concrete. Textured/pigmented finish deleted from scope.

# Revise Sheet A-800 – Exterior Wall Sections (Revised Sheet Attached)

Delete Specification Note 03 30 00.2 Textured Pigmented Concrete.

Revise 4' high wainscot to 03 30 00.1 Cast-in-Place Concrete. Textured/pigmented finish deleted from scope.

# Revise Sheet A-900 – Exterior Details (Revised Sheet Attached)

Delete Specification Note 03 30 00.2 Textured Pigmented Concrete.

Revise 4' high wainscot to 03 30 00.1 Cast-in-Place Concrete. Textured/pigmented finish deleted from scope.

Revise roof eave ventilation note in Detail D3 as clouded.

# **Revise Sheet A-901 – Exterior Details (Revised Sheet Attached)**

Delete Specification Note 03 30 00.2 Textured Pigmented Concrete.

Revise 4' high wainscot to 03 30 00.1 Cast-in-Place Concrete. Textured/pigmented finish deleted from scope.

Add ridge vent net free area note in Detail C1 as clouded.

**END OF ADDENDUM NO. 004** 

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# Document 00 10 00 - Solicitation (General Contracting / Electronic Bid) State of Ohio Standard Requirements for Public Facility Construction

Electronic bids will be received by:

Ohio Facilities Construction Commission https://bidexpress.com

for the following Project:

Project DOT-200023 ODOT Eaton Outpost 5656 US-127 Eaton, Ohio 45320

in accordance with the Contract Documents prepared by:

Jerome M. Scott Architects, Inc. 1020 Goodale Blvd., Columbus, Ohio 43202 614.225.9535 Dano Boyne dboyne@jeromescott-architects.com

In compliance with Section 153.08 of the Ohio Revised Code and Section 153:1-8-01 of the Ohio Administrative Code, Bids for this Project are being received, opened, and published through electronic means using the State's electronic bidding service.

To access this Project through the electronic bidding service, you must first register at <a href="https://bidexpress.com">https://bidexpress.com</a> by clicking on the "REGISTER FOR FREE" button and following the instructions. In order to bid, you must create and enable a digital ID within the service. This process requires the submission of notarized paperwork and may take up to five business days to <a href="complete">complete</a>. There are no fees to register, create and enable a digital ID, or to download bid documents. There is a small expense on a monthly or per bid basis to submit a bid. The electronic bidding service offers customer support that may be reached at 888.352.2439 or via email at support@bidexpress.com.

Bidders may submit requests for consideration of a proposed Substitution for a specified product, equipment, or service to the Architect/Engineer ("A/E") no later than 10 days prior to the bid opening. Additional products, equipment, and services may be accepted as approved Substitutions only by written Addendum.

From time to time, the Commission issues new editions of the "State of Ohio Standard Requirements for Public Facility Construction" and may issue interim changes. Bidders must submit Bids that comply with the version of the Standard Requirements included in the Contract Documents.

Prevailing Wage rates and Equal Employment Opportunity requirements are applicable to this Project.

This Project is subject to the State of Ohio's Encouraging Diversity, Growth, and Equity ("EDGE") Business Development Program. A Bidder is required to submit with its Bid and with its Bidder's Qualifications form, certain information about the certified EDGE Business Enterprise(s) participating on the Project with the Bidder. Refer to **Section 6.1.10** of the **Instructions to Bidders**.

The EDGE Participation Goal for the Project is 5.0 percent.

The percentage is determined by the contracted value of goods, services, materials, and labor that are provided by EDGE-certified business(es). The participation is calculated on the total amount of each awarded contract. For more information about EDGE, contact the State of Ohio EDGE Certification Office at <a href="http://das.ohio.gov/eod">http://das.ohio.gov/eod</a>, or at its physical location: 4200 Surface Road, Columbus, Ohio 43228-1395; or by telephone at (614) 466-8380.

The Bidder may be subject to a Pre-Award Affirmative Action Compliance Review in accordance with Section 123:2-5-01 of the Ohio Administrative Code including a review of the Bidder's employment records and an on-site review.

The Bidder must indicate on the electronic Bid Form, the locations where its services will be performed in the spaces provided or by attachment in accordance with the requirements of Executive Order 2019-12D related to providing services only within the United States. Failure to do so may cause the Bid to be rejected as non-responsive.

DOMESTIC STEEL USE REQUIREMENTS AS SPECIFIED IN OHIO REVISED CODE SECTION 153.011 APPLY TO THIS PROJECT. COPIES OF OHIO REVISED CODE SECTION 153.011 CAN BE OBTAINED FROM ANY OF THE OFFICES OF THE OHIO FACILITIES CONSTRUCTION COMMISSION.

Bidders are encouraged to be enrolled in and to be in good standing in a Drug-Free Safety Program ("DFSP") approved by the Ohio Bureau of Workers' Compensation ("OBWC") prior to submitting a Bid and provide, on the Electronic Bid Form with its Bid, certain information relative to their enrollment in such a program; and, if awarded a Contract, shall comply with other DFSP criteria described in **Section 1.6** of the **General Conditions**.

Electronic bids will be received for:

<u>Trade</u>	<u>Es</u>	<u>stimate</u>
General Contract	<b>. \$</b>	2,400,000
Alternate 1	. \$	27,000
Alternate 2	. (-	\$ 100,000)
Alternate 3	. (-	\$ 48,000)

until *February 14, 2022, at 2:00 p.m.*, when all Bids will be electronically opened. Bid tabulations will be posted no later than 5:00 p.m. on the day Bids are opened.

There will be no pre-bid meeting.

The Contractor is responsible for scheduling the Project, coordinating the Subcontractors, and providing other services identified in the Contract Documents.

The Contract Documents may be downloaded as electronic PDF files from the State's electronic bidding service at <a href="https://bidexpress.com">https://bidexpress.com</a> at no charge.

# **END OF DOCUMENT**

# Document 00 41 13 - Bid Form (General Contract / Electronic Bid)

State of Ohio Standard Requirements for Public Facility Construction

# THIS SAMPLE BID FORM IS PROVIDED WITH THE PROJECT MANUAL AS A PLACEHOLDER ONLY – SUBMIT YOUR BID USING THE ELECTRONIC BID FORM ON HTTPS://BIDEXPRESS.COM

■ General Info	Alt Total: Bid Total:
Deadline 02/14/2022 2:00 PM EST	<b>Description</b> ODOT – Eaton Outpost, 5656 US-127, Eaton, Ohio 45320
Advertised 12/22/2021	
Number DOT-200023	
Business Name Ohio Facilities Construction Commission	

■ Procurement Documents
DOT-200023_Bid Advertisement  → Public Bid Advertisement
DOT-200023_00 10 00 Solicitation  → Notice to Bidders
2021.12.17_BA_Spec → Procurement & Contracting Requirements and Specifications
2021.12.17_BA_Drawings → Plans, elevations, sections, details, and schedules
«4» Attachments

■ Contract Times and A	ddenda		
Contract Times  The time for Substantial Comple	etion of all Work is 225 consecu	utive days from the Notice to Pro	oceed.
Acknowledgement of receipt of Add	denda		
Date Addendum #1 Received	Date Addendum #2 Received	Date Addendum #3 Received	Date Addendum #4 Received

# ■ Allowance Instructions

Allowance amounts are fixed and no entry of data is required by the Bidder. Include each and every Allowance amount in the Base Bid. The Bidder's Fee (overhead and profit) and costs for unloading and handling on the Site, labor, installation costs, and other expenses contemplated for the Allowance must be included in the Base Bid and NOT in the Allowance amount.

■ Allowand	es (General Contract)		
Item	Description	Allowance Amount*	Extension
Allowance A-1	NWOSS Security System	\$19,500.00	\$19,500.00
Allowance A-2	Electrical Aid to Construction	\$60,000.00	\$60,000.00
2 Items		Total:	\$79,500.00

# Base Bid Instructions

Enter the amount of the Base Bid for ALL LABOR AND MATERIALS to complete the scope of Work. Include the amount of each Allowance (if applicable) and the subtotal of each Unit Price Extension (if applicable) in the Base Bid amount. Failure to include Allowance or Unit Price Extensions in the Base Bid is the responsibility of the Bidder and will not be sufficient reason for adjustment of the Bid amount after the Bid deadline. Do not include Alternates (if applicable) in the Base Bid amount.

■ Base Bid (General Contract)				
Item	Description	Base Bid Amount*	Extension	
Base Bid	All Labor and Materials (include Allowances and Unit Price Extensions above)			
1 Item		Total:		

#### Alternate Instructions

Enter the amount of each and every Alternate to ADD TO or DEDUCT FROM the Base Bid. Indicate amounts to DEDUCT FROM the Base Bid by entering a minus sign (-) before the amount entered. Do not include Alternate amounts in the Base Bid.

■ Alternates	s (General Contract)			
Item	Description		Alternate Amount*	Extension
! Alternate: Own	ner-agency may award independently from entire bid.			
Alternates are	not included in bid total.			
Alternate 1	Wash Bay Overhead Door			
Alternate 2	Asphalt Shingle Roof			
Alternate 3	Truck Storage Interior Wall/Ceiling Finish			
3 Items		Alternate Total:	Total:	

# ■ Bidder Affirmation and Disclosure

The Bidder acknowledges that by submitting its Bid, the Bidder affirms, understands, and will abide by the requirements of Executive Order 2019-12D. If awarded a Contract, the Bidder will become the Contractor and affirms that both the Contractor and its Subcontractors shall perform no services requested under this Contract outside of the United States.

The Bidder shall provide the locations where services under this Contract will be performed in the spaces provided below or by attachment. Failure to provide this information as part of its Bid may cause the Bidder to be deemed non-responsive and no further consideration will be given to its Bid. If the Bidder will not be using Subcontractors, indicate "Not Applicable" in the appropriate spaces.

	City*	State*	Zip*	
2. Locations where serv	ices will be performed by Contracto	or and Subcontractor (Project Sites)		
Address*	City*	State*	Zip*	
3. Location where state	data will be accessed, tested, mair	ntained, or backed-up by Contractor		
Address*	City*	State*	Zip*	
Locations where state d	ata will be accessed, tested, mainta	ained, or backed-up by Subcontractors if	known at time of Bid deadline	
Address	City	State	Zip	
Option A  e Bidder commits to mortion of the Base Bid per e Bidder agrees that if	lus all accepted Alternates, by selected for consideration of t	EDGE Participation Goal of the Con using EDGE-certified Business(es)	Provided with the Bidder's Bid) to the	he
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# Certifications (State Prevailing Wages)

- 1. The Bidder has read and understands the proposed Contract Documents and agrees to comply with all requirements of the proposed Contract Documents, regardless of whether the Bidder has actual knowledge of the requirements and regardless of any statement or omission made by the Bidder, which might indicate a contrary intention.
- The Bidder represents that the Bid is based upon the Basis of Design and Acceptable Components specified by the proposed Contract Documents.
- 3. The Bidder has visited the Site, become familiar with local conditions, and has correlated personal observations about the requirements of the proposed Contract Documents. The Bidder has no outstanding questions regarding the interpretation or clarification of the proposed Contract Documents.
- 4. The Bidder understands that the execution of the Project will require sequential, coordinated, and interrelated operations, which may involve interference, disruption, hindrance, or delay in the progress of the Bidder's Work. The Bidder agrees that the Contract Sum, as amended from time to time, shall cover all amounts due from the State resulting from interference, disruption, hindrance, or delay that is not caused by the State or its agents and employees. The Bidder agrees that any such interference, disruption, hindrance, or delay is within the contemplation of the Bidder and the State and that the Contractor's sole remedy from the State for any such interference, disruption, hindrance, or delay shall be an extension of time in accordance with the proposed Contract Documents.
- 5. During the performance of the Contract, the Bidder agrees to comply with Ohio Administrative Code ("OAC") Chapters 123:2-3 through 123:2-9 and agrees to incorporate the monthly reporting provisions of OAC Section 123:2-9-01 into all subcontracts on the Project, regardless of tier. The Bidder understands the State's Equal Opportunity Coordinator or the Contracting Authority may conduct pre-award and post-award compliance reviews to determine if the Bidder maintains nondiscriminatory employment practices, maintains an affirmative action program, and is exerting good faith efforts to accomplish the goals of the affirmative action program. For a full statement of the rules regarding Equal Employment Opportunity in the Construction Industry, see OAC Chapters 123:2-1 through 123:2-9.
- 6. The Bidder and each Person submitting a Bid on behalf of the Bidder certifies, and in the case of a Bid by a joint venture each member thereof certifies as to such member's entity, under penalty of perjury, that to the best of the undersigned's knowledge and belief: (a) the Base Bid, any Unit Prices, and any Alternate bid in the Bid have been arrived at independently without collusion, consultation, communication or agreement, for the purpose of restricting competition as to any matter relating to such Base Bid, Unit Prices or Alternate bid with any other Bidder; (b) unless otherwise required by law, the Base Bid, any Unit Prices and any Alternate bid in the Bid have not been knowingly disclosed by the Bidder and shall not knowingly be disclosed by the Bidder prior to the bid opening, directly or indirectly, to any other Bidder who would have any interest in the Base Bid, Unit Prices, or Alternate bid; (c) no attempt has been made or shall be made by the Bidder to induce any other Person to submit or not to submit a Bid for the purpose of restricting competition.
- 7. The Bidder shall execute the Agreement with the Contracting Authority, if a Contract is awarded on the basis of this Bid, and if the Bidder does not execute the Agreement for any reason, other than as authorized by law, the Bidder and the Bidder's Surety are liable to the State as provided in Article 5 of the Instructions to Bidders.
- 8. The Bidder certifies that the upon the award of a Contract, as the Contractor it shall make a good faith effort to ensure that all of the Contractor's employees, while working on the Site, shall not purchase, transfer, use, or possess illegal drugs or alcohol or abuse prescription drugs in any way.
- 9. The Bidder acknowledges that it read all of the Instructions to Bidders, and in particular, Section 2.10 Submittals With Bid Form, and by submitting its Bid certifies that it has read the Instructions to Bidders and it understands and agrees to the terms and conditions stated in them.
- 10. The Bidder agrees to furnish any information requested by the Contracting Authority or the Architect/Engineer to evaluate the responsibility of the Bidder.
- 11. The Bidder agrees to furnish the submittals required by Section 6.1 of the Instructions to Bidders for execution of the Agreement within 10 days of the date of the Notice of Intent to Award.
- 12. When the Bidder is a corporation, partnership or sole proprietorship, an officer, partner or principal of the Bidder, as applicable, shall enter the legal name of the Bidder and the name of the officer, partner or principal of the Bidder (in lieu of signing the Bid Form) in the data fields provided.
- 13. When the Bidder is a joint venture, an officer, partner or principal, as applicable, of each member of the joint venture shall enter the legal name of the applicable member and the name of the officer, partner or principal (in lieu of signing the Bid Form) in the data fields provided.
- 14. The Bidder understands that the Contract is subject to all the provisions, duties, obligations, remedies and penalties of Ohio Revised Code Chapter 4115 and that the Bidder shall pay any wage increase in the locality during the term of the Contract.
- 15. The Bidder represents that the individual that is submitting and digitally signing the electronic Bid is legally authorized to do so.
- 16. Bidder acknowledges that by the act of submitting an electronic Bid that it is digitally signing the actual Bid, which shall serve as the Bidder's authorization for the further consideration and activity in the bidding and contract process.

The Bidder hereby acknowledges that the above representations in this Bid are material and not mere recitals.\*

#### ■ Procurement Forms

#### Document 00 43 13 - Bid Security Form

→ Upload below and provide original document within 3 days

#### Document 00 45 13 - Bidder's Qualifications

→ Upload below or provide within 3 days of request

#### Document 00 45 39 - EDGE Affidavit

→ Upload below or provide within 3 days of request

3 Attachments

# Instructions for Providing Bid Submittals

#### Submission of Electronic Facsimile of Bid Guaranty with Electronic Bid

The Bidder SHALL UPLOAD and ATTACH TO ITS BID an ELECTRONIC FACSIMILE (scanned PDF document) OF ITS BID GUARANTY, payable to the Contracting Authority, in the form of either: (1) the signed and sealed Document 00 43 13 - "Bid Security Form" contained in the Contract Documents (and provided for the Bidder's convenience in the block above) for the amount of the Base Bid plus all additive Alternates; or (2) a certified check, cashier's check, or letter of credit, for 10 percent of the Base Bid, plus all additive Alternates – a letter of credit shall expressly provide that it is revocable only by the Contracting Authority. Refer to Sections 2.10.1.1 and 5.1 of Document 00 21 13 - "Instructions to Bidders."

#### **Submission of Original Bid Guaranty**

In addition to the Electronic Facsimile above, the Bidder SHALL DELIVER ITS ORIGINAL UNALTERED BID GUARANTY to the Project Coordinator at the address identified below WITHIN 3 BUSINESS DAYS AFTER THE BID DEADLINE as provided in Ohio Administrative Code Section 153:1-8-01(H). THIS REQUIREMENT APPLIES TO ALL BIDDERS. Refer to Section 2.10.1.2 of the Instructions to Bidders.

#### Moenique Morris

Ohio Facilities Construction Commission

30 W. Spring St 4th Floor

Columbus, Ohio 43215

#### Non-responsive Bid for Failure to Submit Bid Guaranty

Each Bidder MUST SUBMIT BOTH THE ELECTRONIC FACSIMILE AND THE ORIGINAL UNALTERED BID GUARANTY as described above. The Contracting Authority SHALL REJECT A BID AS NON-RESPONSIVE if the Bidder fails to submit BOTH elements of the Bid Guaranty. The checkboxes below are to identify that you have uploaded the other form of Bid Guaranty. DO NOT CHECK ALL BOXES. Refer to Section 2.10.1 of the Instructions to Bidders.

#### Submission of Bidder's Qualifications and EDGE Affidavit

The Bidder is encouraged to submit background information with its Bid using Document 00 45 13 - "Bidder's Qualifications" and Document 00 45 39 - "EDGE Affidavit" with the EDGE-certified Business(es) the Bidder proposes to use on the Project (forms provided for the Bidder's convenience in the block above). If the Bidder does not submit the Bidder's Qualifications form and/or the EDGE Affidavit form and related information attached to the electronic Bid Form, the Bidder shall provide it within 3 days of request. Refer to Sections 2.10.3 and 3.5.4 of the Instructions to Bidders.

■ Required Bid Guaranty Upload	
Name	File*

Document 00 43 13 - Bid Security Form  → Upload a scan of the fully executed Bid Security Forn submit the original document to the Contracting Authorit 3 days of the bid deadline	
Power of Attorney  → Upload a scan of the fully executed Power of Attorney submit the original document to the Contracting Authorit 3 days of the bid deadline	
Cashier's Check for 10% of the Bid  → Upload a scan of the Cashier's Check AND submit th check to the Contracting Authority within 3 days of the b	
3 Required Documents	
■ Bidder's Qualifications and EDGE	Affidavit Upload
Name	File*
Document 00 45 13 - Bidder's Qualifications  → Upload fully completed form and attachments	I am NOT enclosing this document because the omission terms have been met. (Must be submitted to the Contracting Authority within 3 days of request)
Document 00 45 39 - EDGE Affidavit  → Upload a completed form for each EDGE business	I am NOT enclosing this document because the omission terms have been met. (Must be submitted to the Contracting Authority within 3 days of request)
2 Required Documents	
■ Bidder Signatory Information	
Name of Bidder's Authorized Signatory*	
Title*	Company Name*
Mailing Address*	
	per E-Mail Address*
Where Incorporated*	Federal Tax Identification Number*

Date enrolled in an OBWC-approved DFSP (month/date/year)

Contact person for Contract processing\*

President or Chief Executive Officer's Name / Title*	
■ Joint Venture Bidder Signatory Inform	nation
Optional Component: I am NOT bidding on Joint Vent	ure Bidder Signatory Information □
Name of Bidder's Authorized Signatory*	
Title*	Company Name*
Mailing Address*	
Telephone Number* Facsimile Number	E-Mail Address*
Where Incorporated*	Federal Tax Identification Number*
Date enrolled in an OBWC-approved DFSP (month/da	ate/year)
Contact person for Contract processing*	
President or Chief Executive Officer's Name / Title*	

# **END OF DOCUMENT**

# Document 00 52 00 - Agreement Form

# State of Ohio Standard Requirements for Public Facility Construction

This Agreement is made as of the date set forth below between the State of Ohio, acting by and through the Contracting Authority, and the Contractor in connection with the Project.

Project Number: DOT-200023

**Project Name:** ODOT Eaton Outpost

Site Address: 5656 US-127

Eaton, Ohio 45320

Owner: Ohio Department of Transportation

Owner's Representative: Carrie Yost

Address: 1600 W. Broad St, Suite 2033

Columbus, Ohio 43223

Contracting Authority: Ohio Facilities Construction Commission

Project Manager: Wade Simpson

Address: 30 W. Spring St., 4th floor

Columbus, Ohio 43215

Contractor: «insert name»

Contractor's Principal Contact: «insert name»

Address: «insert street address»

«insert city, state zip code»

Architect/Engineer ("A/E"): Jerome M. Scott Architects, Inc.

A/E's Principal Contact: Dano Boyne

Address: 1020 Goodale Blvd.

Columbus, Ohio 43202

# **ARTICLE 1 - SCOPE OF WORK; EDGE COMMITMENT**

- 1.1 The Contractor shall perform and provide all of the Work described in the Contract.
- **1.2** The project delivery method for this Project shall be General Contracting.
- 1.3 The Contractor shall contract with EDGE-certified Business(es) for not less than 5 percent of the Contract Sum.

#### **ARTICLE 2 - COMPENSATION**

**2.1** The Owner shall pay the Contractor the Contract Sum for the Contractor's proper, timely, and complete performance of the Contract. The Contract Sum is \$\infty\$ is \$\infty\$ insert amount, subject to Modifications as provided in the Contract Documents. The Contract Sum is comprised of the following:

2.1.2 Alternate «Insert Alternates Awarded»: .....\$ «Insert Alternate Amount»

2.1.3 Alternate «Insert Alternates Awarded»: ......\$«Insert Alternate Amount»

2.1.4 Alternate «Insert Alternates Awarded»: .....\$ «Insert Alternate Amount»

2.1.5 Alternate «Insert Alternates Awarded»: ..... \$«Insert Alternate Amount»

#### **ARTICLE 3 - CONTRACT TIMES**

3.1 The Contract Times are the periods established in the following table for the achievement of the associated Milestones:

Construction Stage Milestone(s) to which Liquidated Damages apply	Contract Time	Projected Date (as of the date of this Agreement)
Substantial completion of all work	225 days	October 31, 2022

Construction Stage Milestone(s) to which Liquidated Damages apply	Contract Time	Projected Date (as of the date of this Agreement)
Completion of all punch list items	255 days	November 30, 2022

**3.1.1** The projected dates listed under "Projected Date (as of the date of this Agreement)" are provided only for convenient reference during consideration of the Agreement. The durations listed under "Contract Time" define the Contract Times and take precedence over the projected dates.

# **ARTICLE 4 - KEY PERSONNEL**

- **4.1** The Contractor's key personnel for the Project are:
  - 4.1.1 «insert name», Project Manager;
  - 4.1.2 «insert name», Lead Scheduling Engineer;
  - 4.1.3 «insert name», General Superintendent.
- **4.2** The Contractor's key personnel are authorized to act on the Contractor's behalf with respect to the Project and all matters concerning the Project.

#### **ARTICLE 5 - GENERAL PROVISIONS**

#### 5.1 Effectiveness.

- **5.1.1** It is expressly understood by the Contractor that none of the rights, duties, and obligations described in the Contract Documents shall be valid and enforceable unless the Director of the Office of Budget and Management first certifies that there is a balance in the Owner's appropriation not already encumbered to pay existing obligations and until all relevant statutory provisions of the Ohio Revised Code, including ORC Section 126.07, have been complied with, and until such time as all necessary funds are available or encumbered and, when required, such expenditure of such funds is approved by the State Controlling Board, or other applicable approving body.
- **5.1.2** In addition, if federal funds are to be used to pay fees and expenses under this Agreement, none of the rights, duties, and obligations contained in this Agreement shall be binding on any party until the Owner gives the Contractor written notice that such funds are available from the Owner's funding source.
- **5.1.3** Subject to **Section 5.1.1**, the Contract shall become binding and effective upon execution by the Contracting Authority, Owner, Contractor, and Ohio Attorney General.
  - **5.1.3.1** If the Contractor is a joint venture, (1) each individual joint venturer shall (a) sign the Agreement in its own name and (b) be a party to the Contract, and (2) the Contract and the Performance and Payment Bond shall be binding on and apply to all joint venturers jointly and severally.
  - **5.1.3.2** If the Contractor is a limited liability company, which the Contracting Authority reasonably believes to be a special purpose or similar entity, the Contracting Authority may in its discretion require the limited liability company and each member of the limited liability company to (1) sign the Agreement in its own name and (2) be a party to the Contract. In that case, the Contract and the Performance and Payment Bond shall be binding on and apply to the limited liability company and to all of its members jointly and severally.
- **5.1.4** This Agreement may be executed in several counterparts, each of which shall constitute a complete original Agreement, which may be introduced in evidence or used for any other purpose without production of any other counterparts.

# 5.2 Representations.

**5.2.1** The Contractor represents and warrants that it is not subject to an unresolved finding for recovery under ORC Section 9.24. If this representation and warranty is found to be false, the Contract is void, and the Contractor shall immediately repay to the Owner any funds paid under this Contract.

- **5.2.2** The Contractor hereby certifies that neither the Contractor nor any of the Contractor's partners, officers, directors, shareholders nor the spouses of any such person have made contributions in excess of the limitations specified in ORC Section 3517.13.
- **5.2.3** The Contractor, by signature on this Agreement, certifies that it is currently in compliance with, and will continue to adhere to, the requirements of Ohio ethics laws and conflict of interest laws and will take no action inconsistent with those laws.
- **5.2.4** The Contractor affirms to have read and understands Executive Order 2019-12D and shall abide by those requirements in the performance of this Contract. Notwithstanding any other terms of this Contract, the State reserves the right to recover any funds paid for services the Contractor performs outside of the United States for which it did not receive a waiver. The State does not waive any other rights and remedies provided the State in this Contract.
- **5.2.5** Pursuant to ORC Section 9.76(B), the Contractor warrants that it is not boycotting any jurisdiction with whom the State of Ohio can enjoy open trade, including Israel, and will not do so during the term of this Contract.

#### **ARTICLE 6 - Enumeration of Documents**

**6.1** The Contract Documents constitute the substance of the Contract, and include this Agreement, Drawings, Specifications, Addenda if any, Contracting Definitions, General Conditions, Supplementary Conditions if any, Bid Form, Wage Rate Requirements, Bid Guaranty and Contract Bond or Performance and Payment Bond, and Change Orders if any.

#### **SIGNATURES**

STATE OF OHIO

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date set forth below:

«INSERT CONTRACTOR'S NAME»

Signature	Signature	
Printed Name	Printed Name	
Title		
OWNER'S CONCURRENCE by «insert Owner's name»	OHIO ATTORNEY GENERAL Approval as to Form	
Signature	Signature	
Printed Name	Printed Name	
Title	Title	
Purchase Order No		

# **END OF DOCUMENT**

M140-00 52 00 2020-APR Page 3 of 3

#### **SECTION 012300 - ALTERNATES**

#### PART 1 - GENERAL

# 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

# 1.2 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

#### 1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
  - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
  - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

# 1.4 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Execute accepted alternates under the same conditions as other work of the Contract.
- C. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

ALTERNATES 012300 - 1

PART 2 - PRODUCTS (Not Used)

#### **PART 3 - EXECUTION**

#### 3.1 SCHEDULE OF ALTERNATES

- A. Alternate 1: Wash Bay Overhead Door
  - 1. Install high speed rolling door (Specification 08 36 14 Alternate) at wash bay in lieu of wash bay overhead sectional door (Specification 08 36 14).
    - a. Base Bid: Install overhead sectional door at wash bay in accordance with Specification 08 36 14.
    - b. Alternate: Install high speed rolling door at wash bay in accordance with Specification 0836 14 Alternate.
- B. Alternate 2 (Deduct): Asphalt Shingle Roof
  - 1. Install asphalt shingle roof (Specification 07 31 13) in lieu of standing-seam metal roof (Specification 07 41 13).
    - a. Base Bid: Install standing-seam metal roof (07 41 13) as defined in the drawings and specifications.
    - b. Alternate: Delete standing seam metal roof. Install asphalt shingle roof in accordance with specification 07 31 13. Metal fascia/soffit panels, gutters, and downspouts to remain as specified in section 07 41 13.
- C. Alternate 3 (Deduct): Truck Storage Interior Wall/Ceiling Finish
  - 1. Install glass-mat gypsum board with epoxy paint finish on Truck Storage (Room 103) walls and ceiling in lieu of metal liner panels.
    - a. Base Bid: Install metal liner panels (07 42 13.2) on Truck Storage walls and ceiling as defined in the drawings and specifications.
    - b. Alternate: Delete metal liner panels from interior walls and ceiling of Truck Storage. Replace with 1/2" glass-mat interior gypsum board (09 29 00, 2.3-D). Prime and finish paint with high build gloss epoxy (09 96 00, 2.6-A).

**END OF SECTION 012300** 

ALTERNATES 012300 - 2

# SECTION 073113 - ASPHALT SHINGLES (ALTERNATE 2)

#### PART 1 - GENERAL

# 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

# 1.2 SUMMARY

- A. Section Includes:
  - 1. Glass-fiber-reinforced asphalt shingles.
  - 2. Underlayment materials.
  - 3. Ridge vents.
  - 4. Metal flashing and trim.

# 1.3 DEFINITIONS

A. Roofing Terminology: See ASTM D1079 for definitions of terms related to roofing Work in this Section.

#### 1.4 ACTION SUBMITTALS

- A. Product Data: For the following:
  - 1. Asphalt shingles.
  - 2. Underlayment materials.
  - 3. Ridge vents.
  - 4. Asphalt roofing cement.
  - 5. Elastomeric flashing sealant.
- B. Shop Drawings: For metal flashing and trim.
- C. Samples for Initial Selection:
  - 1. For each type of asphalt shingle indicated.
  - 2. For each type of accessory involving color selection.
- D. Samples for Verification: For the following products, in sizes indicated:
  - 1. Asphalt Shingles: Full size.
  - 2. Ridge and Hip Cap Shingles: Full size.
  - 3. Ridge Vent: 12-inch- (305-mm-) long Sample.

# 1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Test Reports: For each type of asphalt shingle and underlayment product indicated, for tests performed by a qualified testing agency.
- C. Research Reports: For synthetic underlayment, from an agency acceptable to authorities having jurisdiction, indicating that product is suitable for intended use under applicable building codes.
- D. Sample Warranty: For manufacturer's materials warranty.

#### 1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For asphalt shingles to include in maintenance manuals.
- B. Materials warranties.
- C. Roofing Installer's warranty.

# 1.7 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Asphalt Shingles: 100 sq. ft. of each type and in each color and blend, in unbroken bundles.

# 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Store roofing materials in a dry, well-ventilated location protected from weather, sunlight, and moisture in accordance with manufacturer's written instructions.
- B. Store underlayment rolls on end, on pallets or other raised surfaces. Do not double-stack rolls.
- C. Protect unused roofing materials from weather, sunlight, and moisture when left overnight or when roofing Work is not in progress.
- D. Handle, store, and place roofing materials in a manner to prevent damage to roof deck or structural supporting members.

#### 1.9 FIELD CONDITIONS

A. Environmental Limitations: Proceed with installation only when existing and forecasted weather conditions permit product installation and related Work to be performed in accordance with manufacturer's written instructions and warranty requirements.

1. Install self-adhering, polymer-modified bitumen sheet underlayment within the range of ambient and substrate temperatures recommended in writing by manufacturer.

#### 1.10 WARRANTY

- A. Materials Warranty: Manufacturer agrees to repair or replace asphalt shingles that fail within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Manufacturing defects.
  - 2. Materials Warranty Period: 40 years from date of Substantial Completion, prorated, with first five years nonprorated.
  - 3. Wind-Speed Warranty Period: Asphalt shingles will resist blow-off or damage caused by wind speeds of up to 110 mph for 15 years from date of Substantial Completion.
  - 4. Algae-Resistance Warranty Period: Asphalt shingles will not discolor for 10 years from date of Substantial Completion.
- B. Roofing Installer's Warranty: On warranty form, signed by Installer, in which Installer agrees to repair or replace components of asphalt shingle roofing that fail in materials or workmanship within specified warranty period.
  - 1. Warranty Period: Two years from date of Substantial Completion.

#### PART 2 - PRODUCTS

#### 2.1 SOURCE LIMITATIONS

A. Obtain each type of product from single source from single manufacturer.

# 2.2 PERFORMANCE REQUIREMENTS

- A. Exterior Fire-Test Exposure: Provide asphalt shingles and related roofing materials identical to those of assemblies tested for Class A fire resistance in accordance with ASTM E108 or UL 790 by Underwriters Laboratories or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify products with appropriate markings of applicable testing agency.
- B. Wind Resistance: Provide asphalt shingles that comply with requirements of ASTM D3161/D3161M, Class F, and with ASTM D7158/D7158M, Class H.

#### 2.3 GLASS-FIBER-REINFORCED ASPHALT SHINGLES

A. Laminated-Strip Asphalt Shingles: ASTM D3462/D3462M, laminated, multi-ply overlay construction; glass-fiber reinforced, mineral-granule surfaced, and self-sealing.

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - a. CertainTeed
  - b. Owens Corning
  - c. GAF
  - d. Atlas
- 2. Butt Edge: Straight cut.
- 3. Strip Size: Manufacturer's standard
- 4. Algae Resistance: Granules resist algae discoloration.
- 5. Color and Blends: As selected by Architect from manufacturer's full range.
- B. Hip and Ridge Shingles: Manufacturer's standard units to match asphalt shingles.

#### 2.4 UNDERLAYMENT MATERIALS

- A. Synthetic Underlayment: UV-resistant polypropylene, polyolefin, or polyethylene polymer fabric with surface coatings or treatments to improve traction underfoot and abrasion resistance; evaluated and documented to be suitable for use as a roof underlayment under applicable codes by a testing and inspecting agency acceptable to authorities having jurisdiction.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. CertainTeed
    - b. Owens Corning
    - c. GAF
    - d. Atlas
- B. Self-Adhering, Polymer-Modified Bitumen Sheet: ASTM D1970/D1970M, minimum 45-mil thick sheet; glass-fiber-mat-reinforced, polymer-modified asphalt; with slip-resistant top surface and release backing; cold applied.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. CertainTeed
    - b. Owens Corning
    - c. GAF
    - d. Atlas

# 2.5 RIDGE VENTS

- A. Rigid Ridge Vent: Manufacturer's standard, rigid-section, high-density, UV-stabilized plastic ridge vent for use under ridge shingles.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. CertainTeed
    - b. Owens Corning
    - c. GAF

- d. Atlas
- 2. Minimum Net Free Area: 16 SF
- 3. Width: Min. 11"
- 4. Features:
  - a. Nonwoven geotextile filter strips.
  - b. External deflector baffles.

# 2.6 ACCESSORIES

- A. Asphalt Roofing Cement: ASTM D4586/D4586M Type II, asbestos free.
- B. Elastomeric Flashing Sealant: ASTM C920, Type S, Grade NS, one-part, non-sag, elastomeric polymer sealant; of class and use classifications required to seal joints and remain watertight; recommended in writing by manufacturer for installation of flashing systems.
- C. Roofing Nails: ASTM F1667, aluminum, stainless steel, copper, or hot-dip galvanized-steel wire shingle nails, minimum 0.120-inch- (3-mm-) diameter, sharp-pointed, with a 3/8- to 7/16-inch- (10- to 11-mm-) diameter flat head and of sufficient length to penetrate 3/4 inch (19 mm) into solid wood decking or extend at least 1/8 inch (3 mm) through sheathing less than 3/4 inch (19 mm) thick.
  - 1. Where nails are in contact with metal flashing, use nails made from same metal as flashing.
- D. Underlayment Nails: Aluminum, stainless steel, or hot-dip galvanized-steel wire nails with low-profile metal or plastic caps, 1-inch- (25-mm-) minimum diameter.

# 2.7 METAL FLASHING AND TRIM

- A. Comply with requirements in Section 076200 "Sheet Metal Flashing and Trim."
- B. Fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of the item unless otherwise specified in this Section or indicated on Drawings.
  - 1. Drip Edges: Fabricate in lengths not exceeding 10 feet (3 m) with minimum 2-inch (51-mm) roof-deck flange and 1-1/2-inch (38-mm) fascia flange with 3/8-inch (10-mm) drip at lower edge.
  - 2. Vent-Pipe Flashings: ASTM B749, Type L51121, at least 1/16 inch (1.6 mm) thick. Provide lead sleeve sized to slip over and turn down into pipe, soldered to skirt at slope of roof, and extending at least 4 inches (102 mm) from pipe onto roof.

#### PART 3 - EXECUTION

# 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
  - 1. Examine roof sheathing to verify that sheathing joints are supported by framing and blocking or metal clips and that installation is within flatness tolerances.
  - 2. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and completely anchored and that provisions have been made for flashings and penetrations through asphalt shingles.
  - 3. Verify that vent stacks and other penetrations through roofing are installed and securely fastened.
- B. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

# 3.2 INSTALLATION OF UNDERLAYMENT MATERIALS

A. Comply with asphalt shingle and underlayment manufacturers' written installation instructions and with recommendations in NRCA's "The NRCA Roofing Manual: Steep-Slope Roof Systems" applicable to products and applications indicated unless more stringent requirements are specified in this Section or indicated on Drawings.

# B. Synthetic Underlayment:

- 1. Install on roof deck parallel with and starting at the eaves.
  - a. Lap sides and ends as recommended in writing by manufacturer, but not less than 2 inches for side laps and 6 inches (152 mm) for end laps.
  - b. Stagger end laps between succeeding courses at interval recommended in writing by manufacturer, but not less than 72 inches (1829 mm).
  - c. Fasten with underlayment nails in accordance with manufacturer's written instructions.
  - d. Cover underlayment within period recommended in writing by manufacturer.
- 2. Install in single layer on roofs sloped at 4:12 and greater.
- 3. Install in double layer on roofs sloped at less than 4:12.
- C. Self-Adhering, Polymer-Modified Bitumen Sheet: Install, wrinkle free, on roof deck.
  - 1. Comply with low-temperature installation restrictions of underlayment manufacturer.
  - 2. Install lapped in direction that sheds water.
    - a. Lap sides not less than 4 inches (102 mm).

- b. Lap ends not less than 6 inches (152 mm), staggered 24 inches (610 mm) between succeeding courses.
- c. Roll laps with roller.
- 3. Prime concrete, masonry, and metal surfaces to receive self-adhering sheet.
- 4. Eaves: Extend from edges of eaves 24 beyond interior face of exterior wall.
- 5. Rakes: Extend from edges of rakes 24 inches beyond interior face of exterior wall.
- 6. Ridges: Extend 36 inches on each side without obstructing continuous ridge vent slot.
- 7. Cover underlayment within seven days.

#### 3.3 INSTALLATION OF METAL FLASHING AND TRIM

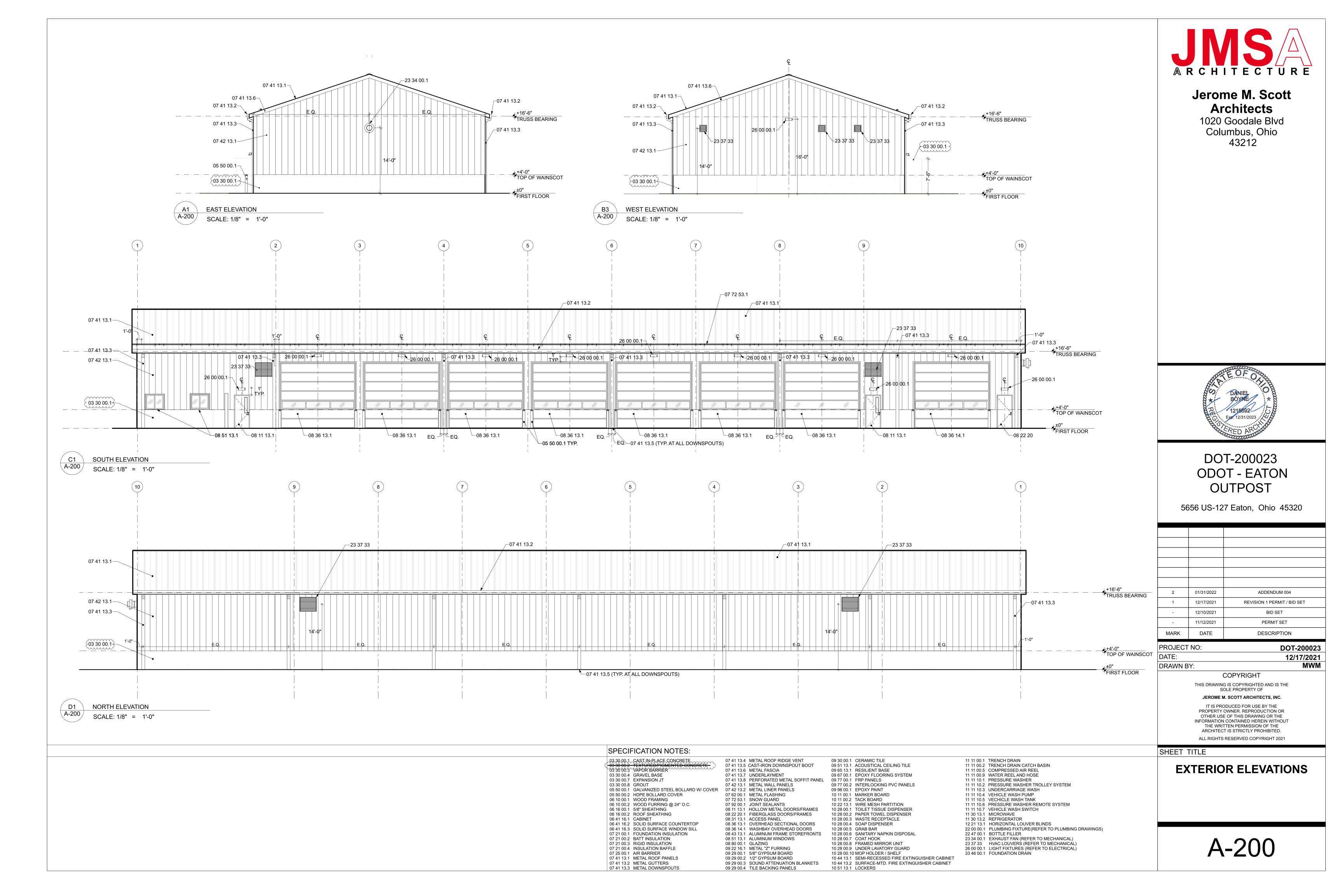
- A. Install metal flashings and trim to comply with requirements in Section 076200 "Sheet Metal Flashing and Trim."
  - 1. Install metal flashings in accordance with recommendations in NRCA's "NRCA Guidelines for Asphalt Shingle Roof Systems."
  - 2. Bed flanges of metal flashings using asphalt roofing cement or elastomeric flashing sealant.
- B. Rake Drip Edges: Install over underlayment materials and fasten to roof deck.
- C. Eave Drip Edges: Install below underlayment materials and fasten to roof deck.
- D. Pipe Flashings: Form flashing around pipe penetrations and asphalt shingles. Fasten and seal to asphalt shingles as recommended by manufacturer.

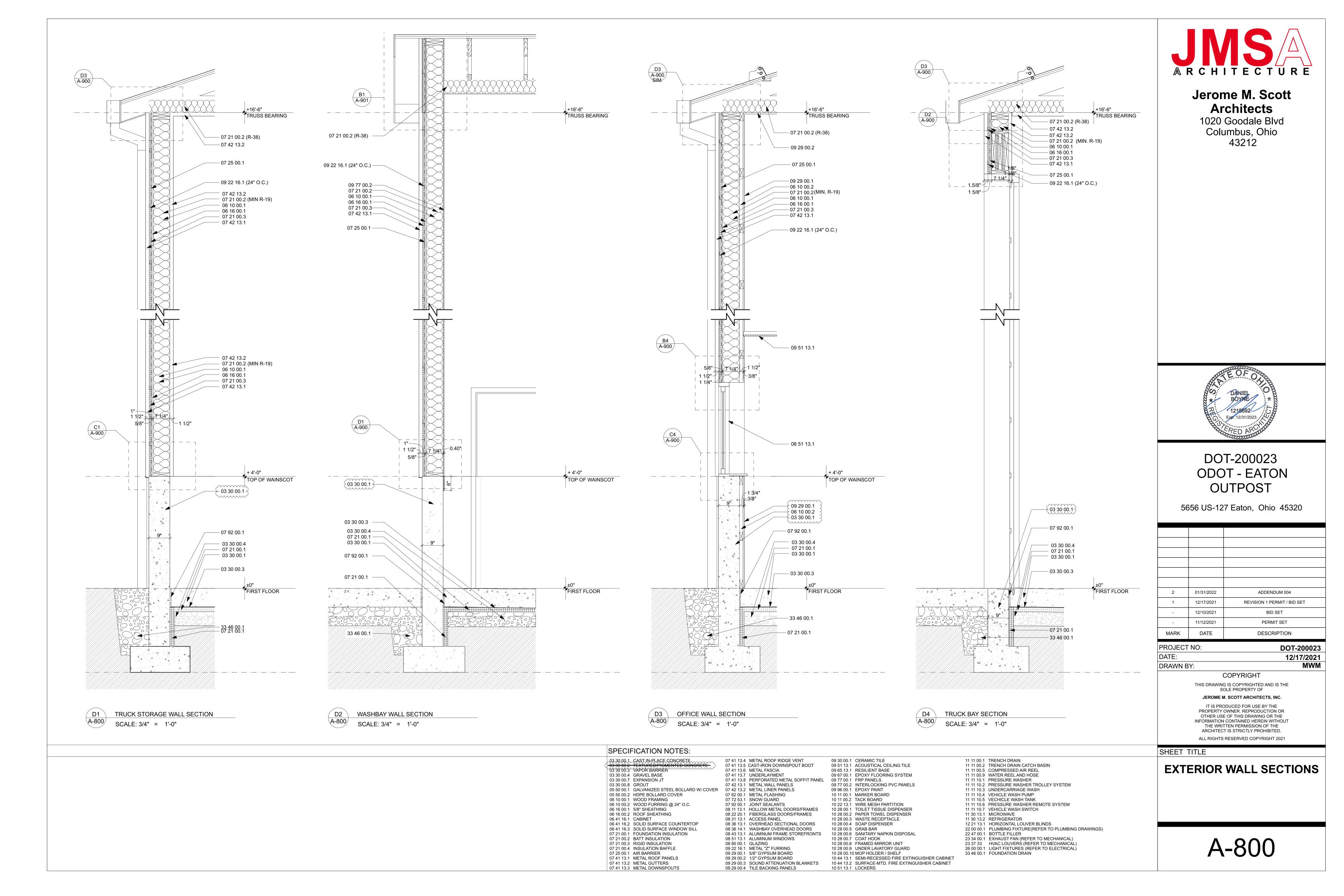
#### 3.4 INSTALLATION OF ASPHALT SHINGLES

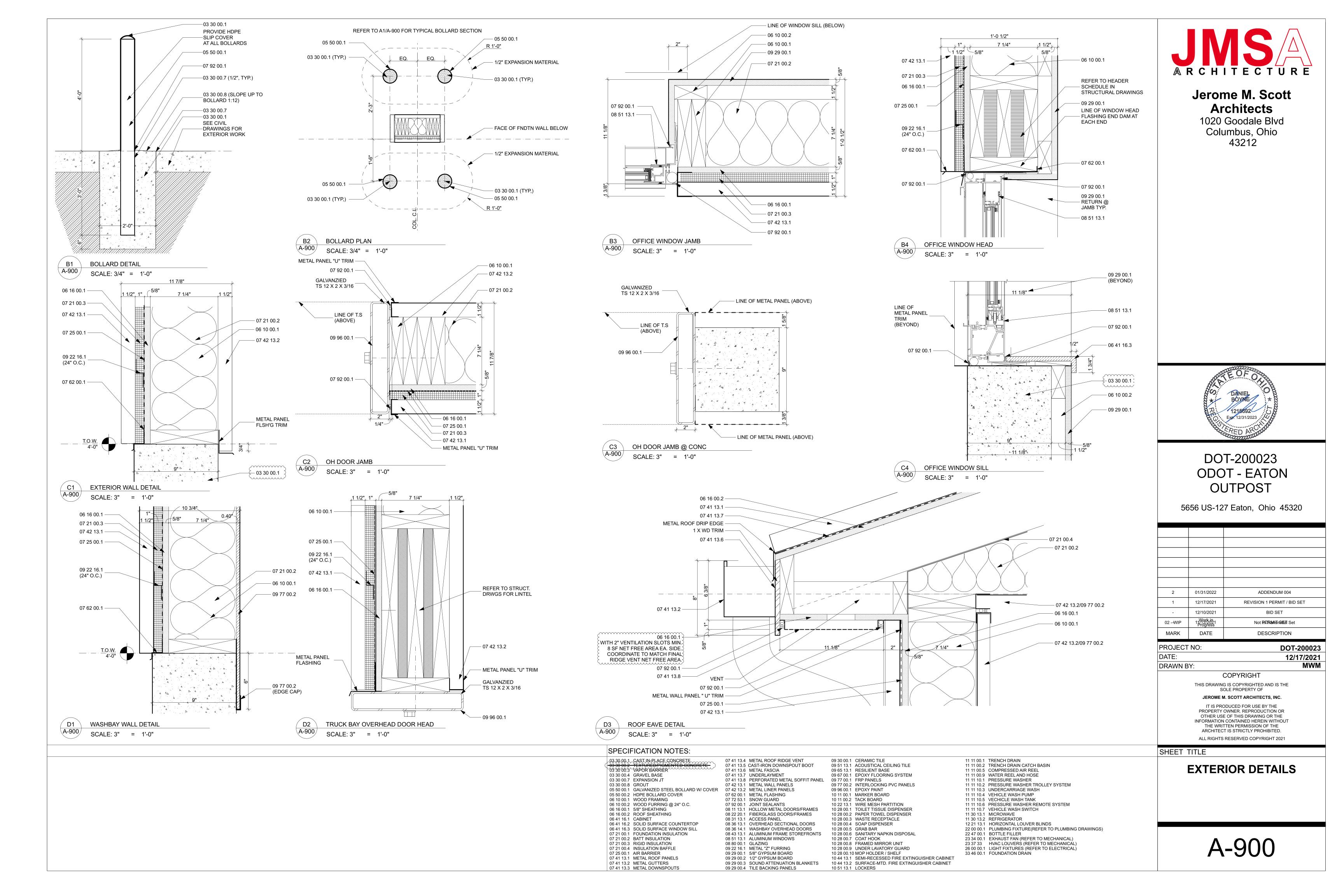
- A. Install asphalt shingles in accordance with manufacturer's written instructions and recommendations in NRCA's "NRCA Guidelines for Asphalt Shingle Roof Systems."
- B. Install starter strip along lowest roof edge, consisting of an asphalt shingle strip self-sealing strip face up at roof edge.
  - 1. Extend asphalt shingles 1/2 inch over fasciae at eaves and rakes.
  - 2. Install starter strip along rake edge.
- C. Install first and remaining courses of laminated asphalt shingles stair-stepping diagonally across roof deck with manufacturer's recommended offset pattern at succeeding courses, maintaining uniform exposure.
- D. Fasten asphalt shingle strips with a minimum of four roofing nails, but not less than the number indicated in manufacturer's written instructions for roof slope and design wind speed indicated on Drawings and for warranty requirements specified in this Section.
  - 1. Locate fasteners in accordance with manufacturer's written instructions.

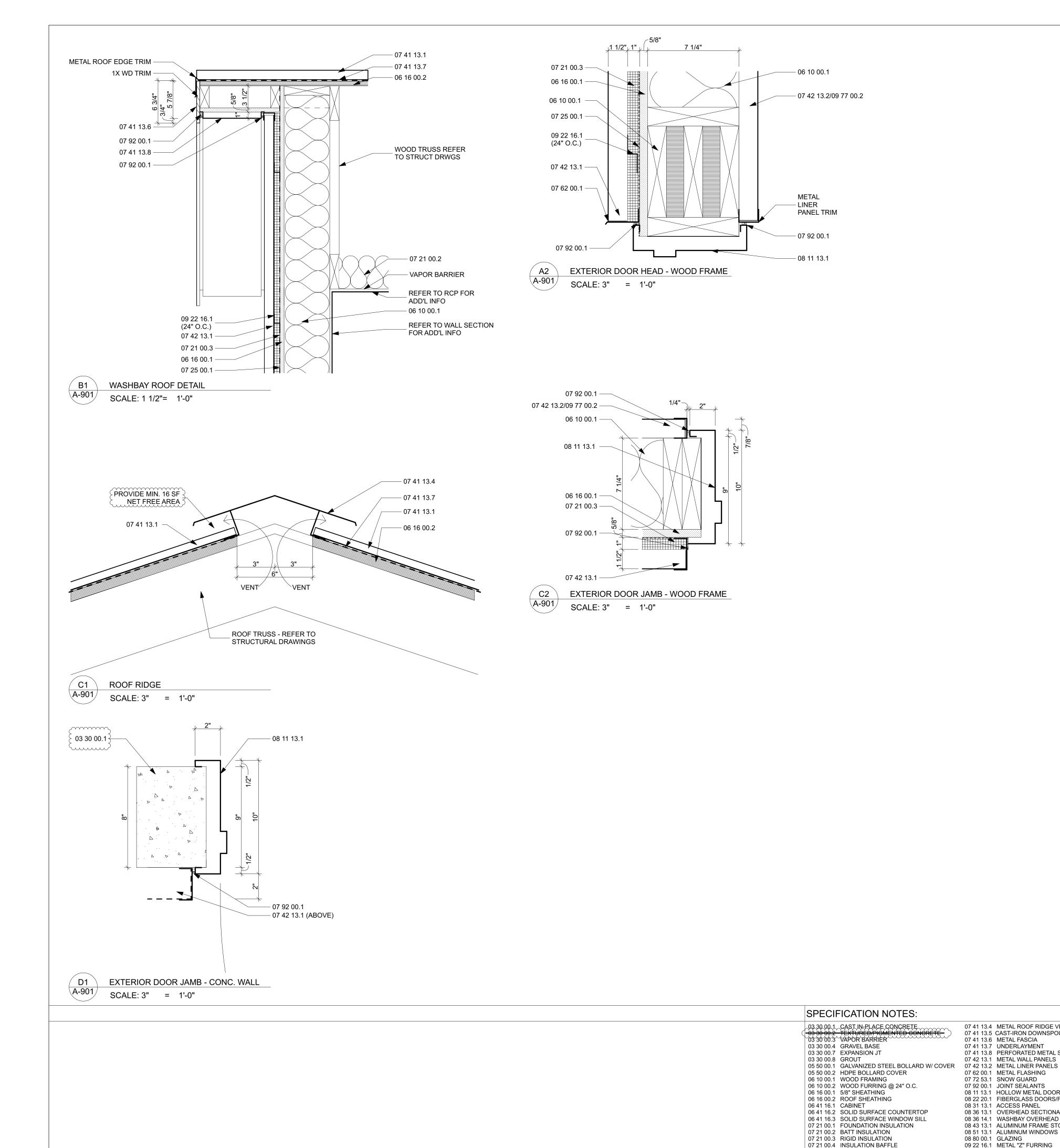
- 2. When ambient temperature during installation is below 50 deg F (10 deg C), hand seal self-sealing asphalt shingles by applying asphalt roofing cement spots between course overlaps after nailing the upper course.
- E. Ridge Vents: Install continuous ridge vents over asphalt shingles in accordance with manufacturer's written instructions. Fasten with roofing nails of sufficient length to penetrate sheathing.
- F. Hip and Ridge Shingles: Maintain same exposure of cap shingles as roofing-shingle exposure. Lap cap shingles at ridges to shed water away from direction of prevailing winds.
  - 1. Fasten with roofing nails of sufficient length to penetrate sheathing.
  - 2. Fasten ridge cap asphalt shingles to cover ridge vent without obstructing airflow.

END OF SECTION 073113





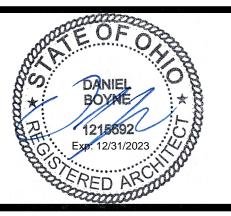






# Jerome M. Scott **Architects**

1020 Goodale Blvd Columbus, Ohio 43212



# DOT-200023 ODOT - EATON OUTPOST

5656 US-127 Eaton, Ohio 45320

2	01/31/2022	ADDENDUM 004
1	12/17/2021	REVISION 1 PERMIT / BID SET
-	12/10/2021	BID SET
02WIP	11 Work in 11/12/2021 Progress	Not Pieralisin Set
MARK	DATE	DESCRIPTION

12/17/2021

DOT-200023

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SHEET TITLE

07 41 13.4 METAL ROOF RIDGE VENT

07 41 13.6 METAL FASCIA

07 41 13.7 UNDERLAYMENT

07 42 13.1 METAL WALL PANELS

07 62 00.1 METAL FLASHING

07 72 53.1 SNOW GUARD

08 31 13.1 ACCESS PANEL

08 80 00.1 GLAZING

07 25 00.1 AIR BARRIER 07 41 13.1 METAL ROOF PANELS

07 41 13.2 METAL GUTTERS 07 41 13.3 METAL DOWNSPOUTS 07 92 00.1 JOINT SEALANTS

07 41 13.5 CAST-IRON DOWNSPOUT BOOT

08 11 13.1 HOLLOW METAL DOORS/FRAMES

08 22 20.1 FIBERGLASS DOORS/FRAMES

08 36 13.1 OVERHEAD SECTIONAL DOORS

08 36 14.1 WASHBAY OVERHEAD DOORS

08 51 13.1 ALUMINUM WINDOWS

09 22 16.1 METAL "Z" FURRING

09 29 00.1 5/8" GYPSUM BOARD

09 29 00.2 1/2" GYPSUM BOARD

09 29 00.4 TILE BACKING PANELS

08 43 13.1 ALUMINUM FRAME STOREFRONTS

09 29 00.3 SOUND ATTENUATION BLANKETS

07 41 13.8 PERFORATED METAL SOFFIT PANEL 09 77 00.1 FRP PANELS

09 30 00.1 CERAMIC TILE

09 96 00.1 EPOXY PAINT 10 11 00.1 MARKER BOARD

10 11 00.2 TACK BOARD

09 65 13.1 RESILIENT BASE

09 51 13.1 ACOUSTICAL CEILING TILE

09 67 00.1 EPOXY FLOORING SYSTEM

09 77 00.2 INTERLOCKING PVC PANELS

10 28 00.1 TOILET TISSUE DISPENSER

10 28 00.2 PAPER TOWEL DISPENSER

10 28 00.6 SANITARY NAPKIN DISPOSAL

10 28 00.8 FRAMED MIRROR UNIT

10 28 00.10 MOP HOLDER / SHELF

10 28 00.9 UNDER LAVATORY GUARD

10 44 13.1 SEMI-RECESSED FIRE EXTINGUISHER CABINET

10 44 13.2 SURFACE-MTD. FIRE EXTINGUISHER CABINET

10 22 13.1 WIRE MESH PARTITION

10 28 00.3 WASTE RECEPTACLE

10 28 00.4 SOAP DISPENSER

10 28 00.5 GRAB BAR

10 28 00.7 COAT HOOK

10 51 13.1 LOCKERS

11 11 00.1 TRENCH DRAIN

11 11 00.2 TRENCH DRAIN CATCH BASIN

11 11 10.2 PRESSURE WASHER TROLLEY SYSTEM
11 11 10.3 UNDERCARRIAGE WASH

11 11 10.6 PRESSURE WASHER REMOTE SYSTEM

23 34 00.1 EXHAUST FAN (REFER TO MECHANICAL)

23 37 33 HVAC LOUVERS (REFER TO MECHANICAL)

26 00 00.1 LIGHT FIXTURES (REFER TO ELECTRICAL)

22 00 00.1 PLUMBING FIXTURE(REFER TO PLUMBING DRAWINGS)

11 11 00.5 COMPRESSED AIR REEL

11 11 00.9 WATER REEL AND HOSE

11 11 10.1 PRESSURE WASHER

11 11 10.4 VEHICLE WASH PUMP

11 11 10.5 VECHICLE WASH TANK

11 30 13.1 MICROWAVE

11 30 13.2 REFRIGERATOR

22 47 00.1 BOTTLE FILLER

33 46 00.1 FOUNDATION DRAIN

11 11 10.7 VEHICLE WASH SWITCH

12 21 13.1 HORIZONTAL LOUVER BLINDS

PROJECT NO:

DRAWN BY:

**EXTERIOR DETAILS**