

#### ADDENDUM NO. 1

DATE:	APRIL 7, 2025
PROJECT:	HOTH Administration Building and Maintenance Garage
OWNER:	BLOC Ministries
PLATTE A + D PROJECT NO.:	25013
OHIO MHAS PROJECT NO .:	MH-1387
DISTRIBUTION:	Owner Ohio MHAS Representative Eastern Engineering Plan Room (EEPR) Contractors expressing interest - distribution by EEPR

#### PRE-BID MEETING

A pre-bid meeting was held virtually via TEAMS Monday, April 1. Jim Knappenberger of Platte Architecture + Design gave an overview of the project. Questions were not fielded.

#### **RESPONSE TO QUESTIONS**

Response to questions received to date:

- The Owner is classified as an Ohio 501(3)c non-profit and is not subject to sales taxes.
- Prevailing wage is not required.
- The site will be opened again for contractors to visit Monday, April 14.
- For the extent of base bid asphalt paving refer to marked up drawing C-3, Extent of Asphalt Paving, dated 04/07/2025 and added to the bid documents on file by this addendum.
- For the extent of base bid interior partition acoustical insulation refer to marked up drawing A1.02, Extent of Partition Insulation, dated 04/07/2025 and added to the bid documents on file by this addendum.
- All required utilities electric, sanitary and storm sewers exist in site. Natural gas is not required.
- Administration Building HVAC is to be electric split system. The garage is not conditioned.

#### SUMMARY OF REVISIONS

- An additional building, Maintenance Garage, has been added to the scope of work. It appears at the bottom center of the civil site plans and is noted as potential future building. Refer to the revised Invitation to Bid and added drawings on file.
- The bid due date has been extended one week. Refer to the revised Invitation to Bid.
- The project cost estimate has been increased. Refer to the revised Invitation to Bid.

- Two Alternates have been added. Refer to the revised Invitation to Bid.
- Marked up Drawings C-3 and A1.02 have been added.
- Addendum documents are on file at the Eastern Engineering Plan Room.

#### END OF ADDENDUM NO. 1

Associated Documents:

- Maintenance Garage Drawings, 4/3/2025.
- Drawing C-3 Paving Markup, 4/7/2025.
- Drawing A1.02 Interior Partition Insulation Markup. 4/7/2025.
- Invitation and Instructions to Bid, Revised 4/7/2025.





# INVITATION AND INSTRUCTIONS TO BID

# Horses on the Hill Administration Building and Maintenance Garage

1655 Ross Avenue Cincinnati, Ohio

# OWNER

# **BLOC Ministries**

911 W 8th Street Cincinnati, Ohio 45203

Director of Business Operations: Bill Luxon

# ARCHITECT

## Platte Architecture + Design

1810 Campbell Alley Floor 4 Cincinnati, OH 45202 513.871.1850

Contact: Jim Knappenberger jim@plattedesign.com

# FUNDING AGENCY

## **Ohio Department of Mental Health and Addiction Services**

Project Manager: Christopher Mazzola Project No.: MH-1387

March 24, 2025. Revised April 7, 2025.

### INVITATION TO BID

As published in the Cincinnati Enquirer, March 24, 31, & April 7, 2025. Revised herein April 3, 2025. Not republished.

PROJECT: Bloc Ministries Horses on the Hill (HOTH) Administration Building and Maintenance Garage. 1655 Ross Ave. Cincinnati, OH. Ohio MHA Project No.: MH-1387.

ARCHITECT: Platte Architecture + Design. 1810 Campbell St. Cincinnati, OH. Contact: Jim Knappenberger <u>jim@plattedesign.com</u> 513-871-1850 x1020.

DESCRIPTION: Administration Building: One story wood frame slab-on-grade building containing offices, multi-purpose, restrooms, and kitchenette. Approximately 2,200 GSF. Maintenance Garage: One story wood frame slab-on-grade building 2 stall garage. Approximately 864 GSF. Anticipated construction cost (combined): \$600,000.

DELIVERY: General Contractor with portions of the work performed design-build through the GC.

PERMIT: Administration Building: City of Cincinnati General Building Permit #2022P01273. Maintenance Garage: Permit process underway. Architect will acquire and Owner pay for general building permit. Contractor to obtain additional required permits and approvals for both buildings.

DOCUMENTS: Drawings and bid documents are on file at Eastern Engineering Plan Room. <u>www.distribution.easternengineering.com</u>. Contact: Jamie Vaughn 513-793-1030 jamie.vaughn@easternengineering.com. Viewing is free. Fees apply for copies.

SITE: The site will be open to visit March 31, 10:00 – 12:00.

PRE-BID MEETING: Virtually via TEAMS. March 31, 2025, 2:00. Contact the architect for invitation.

BIDS: Sealed bids received at Platte A+D by 12:00 April 24, 2025. Bid opening 2:00 virtually via TEAMS. Contact the architect for invitation.

#### HORSES ON THE HILL

BLOC Ministries Horses on the Hill is a faith based equine therapy program for inner city youth in Cincinnati's East Price Hill neighborhood. The Administration Building will be built on their campus which currently has a horse barn, pastures, gardens, and greenhouses.

http://www.onebloc.org/horses-on-the-hill

#### SCHEDULE

Monday, March 24	Drawings and bid documents available12:00 pm.
Monday, March 24, 31, & April 7	Public Advertisement Dates – Cincinnati Enquirer.
Monday, March 31	Site available to visit 10:00 am – 12:00 pm.
	Pre-bid Meeting virtually via TEAMS 2:00 pm.
Monday, April 14	Site available to visit 9:00 am – 12:00 pm.



Tuesday, April 15Questions and substitution requests must be submitted to<br/>the Architect by 5:00 pm.Thursday, April 17Final Architect responses/addenda issued to bidders.Thursday, April 24Contractor bids due, no later than 12:00 pm.<br/>Bid opening virtually via TEAMS 2:00 pm.Monday, May 26Anticipated construction start date.

### **BIDDING DOCUMENTS**

Bidding documents include:

- This document.
- Administration Building Permit Drawings. City of Cincinnati Permit No. 2022P01273, 03/21/2022. The project was reviewed and approved under the 2017 OBC and associated codes. Maintenance Garage drawings dated 04/03/2025. The project is being reviewed under the 2024 OBC.
- Subsequent addenda, responses, or notifications issued by the Architect.

### **DESIGN-BUILD**

Permit Drawings include civil, architectural and structural information and scope of work. Portions of the work are to be performed design-build including mechanical, electrical, plumbing and roof trusses. The Contractor shall be responsible to provide all aspects of the work including design-build portions for a complete and useable finished project. Design-build portions of the work shall meet the requirements of all applicable codes and regulations. The Contractor shall obtain all required permits and approvals for the work except the General Building Permit. The Architect will provide CAD base floor plans to the Contractor.

#### SUBMISSION REQUIREMENTS

Include the following items:

General Company Information

- Provide general company overview and related information.
- Provide insurance certificate.

Project Team & Staffing Plan

• Provide resumes of key personnel who would be assigned to the project.

Bid

- Provide a detailed bid for direct cost of work by CSI division.
- Provide detail on overhead and general conditions to a level sufficient for line item review.
- Bids to include portions of the work to be performed design-build.
- Bids to include costs for all necessary permits (excluding general building permit), tap fees, etc.
- Acknowledge receipt of addenda issued by the Architect.
- Prevailing wage is not required.
- Owner is an Ohio 501(c)(3) organization and is exempt from sales tax.



### **QUALIFICATION OF BIDDER**

Each bidder will be presumed to have physically visited the site and to have read and be thoroughly familiar with the plans. The failure or omission of any bidder to examine any form, instrument, document, or site condition shall in no way relieve the bidder from any obligation in respect to the bid.

By submitting a bid, the bidder is acknowledging that they have read and understand the bid documents, including all addenda, and that their bid is based on the materials, equipment, and systems required by the bidding documents without exception. Any substitutions must be indicated with backup information provided.

Bidder shall notify architect of any errors, omissions, inconsistencies, or ambiguities discovered and request clarification by the date outlined above.

### **PROPOSED EQUALS**

- If the bidder proposes to use an article, device, material, equipment, form of construction, fixture, or item other than those standards named, the bidder shall certify that the item is equal in quality, and all aspects of performance and appearance to that specified.
- The bidder shall submit complete information to the Architect no later than ten days prior to bid opening.
- If the Architect approves the proposed equal as a standard an addendum will be issued to all bidders.
- If the Architect finds the proposed equal is not acceptable, the Architect shall respond to the bidder in writing via email stating the reason for the rejection, which decision shall be final.
- No consideration shall be given to any proposed equal unless submitted to the Architect ten days prior to the bid opening.

### CONSTRUCTION CONTRACT AWARD

- Owner shall send a Notice of Award letter or email to the successful bidder.
- The construction contract shall be prepared by the Owner using the AIA Standard form of agreement between Owner and Contractor.
- Prior to the execution of the contracts, the Contractor shall furnish to the Owner:
  - A material and labor cost breakdown showing itemized labor and material amounts for the total contract price. Lump sum figures will not be accepted.
  - A declaration of insurance in compliance with specification requirements
    A worker's compensation certificate
- After-Contract Submittal Documents: Declaration of Insurance from each contractor.

### SUPPLEMENTAL INFORMATION

#### **GENERAL CONDITIONS**

- Owner Operations: Owner operations are to continue throughout construction.
- Power: The contractor shall provide temporary metered electric power. Coordinate with the utility company and the Owner.



- Water: The owner will provide non-potable water for construction use. The Contractor may draw water from a hydrant at the horse barn.
- Sanitary Facilities: The Contractor shall provide a portable toilet.
- Office / Storage: The Contractor may have up to one office trailer and one storage trailer on site. Coordinate location with the Owner.
- Security: Construction area security is the responsibility of the Contractor.
- Safety: Construction area safety is the responsibility of the Contractor.
- Fencing: The Contractor shall provide construction fencing around the construction area. Plastic mesh approximately 4' high is acceptable. Review extent with the Owner.
- Erosion Control: The Contractor shall provide erosion control.
- Staging and Layout Area: Coordinate with the Owner.
- Parking: Coordinate with the Owner.
- Hours of Operation: Coordinate with the Owner.
- Deliveries: Coordinate with the Owner.

### ALLOWANCES

Include the following allowances and contingencies in the bid total after markups:

- Landscaping: \$5,000.
  Exterior decks, ramps, steps, railings, sidewalks, paving, top soil and seeding of disturbed areas shall be included in base bid.
- Fencing (Permanent): \$5,000.
- Window Blinds: \$1,500.
- Construction Contingency: \$35,000.

#### **UNIT PRICES**

Use the following unit prices in the bid:

- LVT Flooring: \$5.00 / SF installed.
- Ceramic Tile Flooring: \$10.00 / SF installed.

### **ALTERNATES**

Alternate No. 1 - Roofing:

- Base Bid: Berridge Tee-Panel, 22 gauge steel, pre-finished standing seam metal roofing with manufacturer recommended underlayment. Install per manufacturer's recommendations. Color as selected from manufacturer's standard offering.
- Alternate: GAF Timberline HDZ asphalt shingle roofing with manufacturer recommended underlayment. Install per manufacturer's recommendations. Color as selected from manufacturer's standard offering.

#### Alternate No. 2 - Exterior Siding and Trim

- Base Bid: James Hardie fiber cement siding and trim as indicated on drawings factory primed, field finish painter 2 coats. Install per manufacturer's recommendations. Color as provided.
- Alternate: James Hardie fiber cement siding and trim as indicated on drawings factory pre-finished. Install per manufacturer's recommendations. Field paint all exposed cuts and fasteners to match. Color as selected.



Alternate No. 3 - Finish Flooring

- Base Bid: Per drawings.
- Alternate: Eliminate LVT and ceramic tile flooring.

#### Alternate No. 4 – Asphalt Paving

- Base Bid: Per drawings.
- Alternate: Eliminate Asphalt paving and base.

#### **BASIS OF DESIGN PRODUCTS AND MATERIALS**

Provide the following unless otherwise noted in the drawings:

• Cabinets: Smart Cabinetry, Lansing door style, painted finish, color as selected.

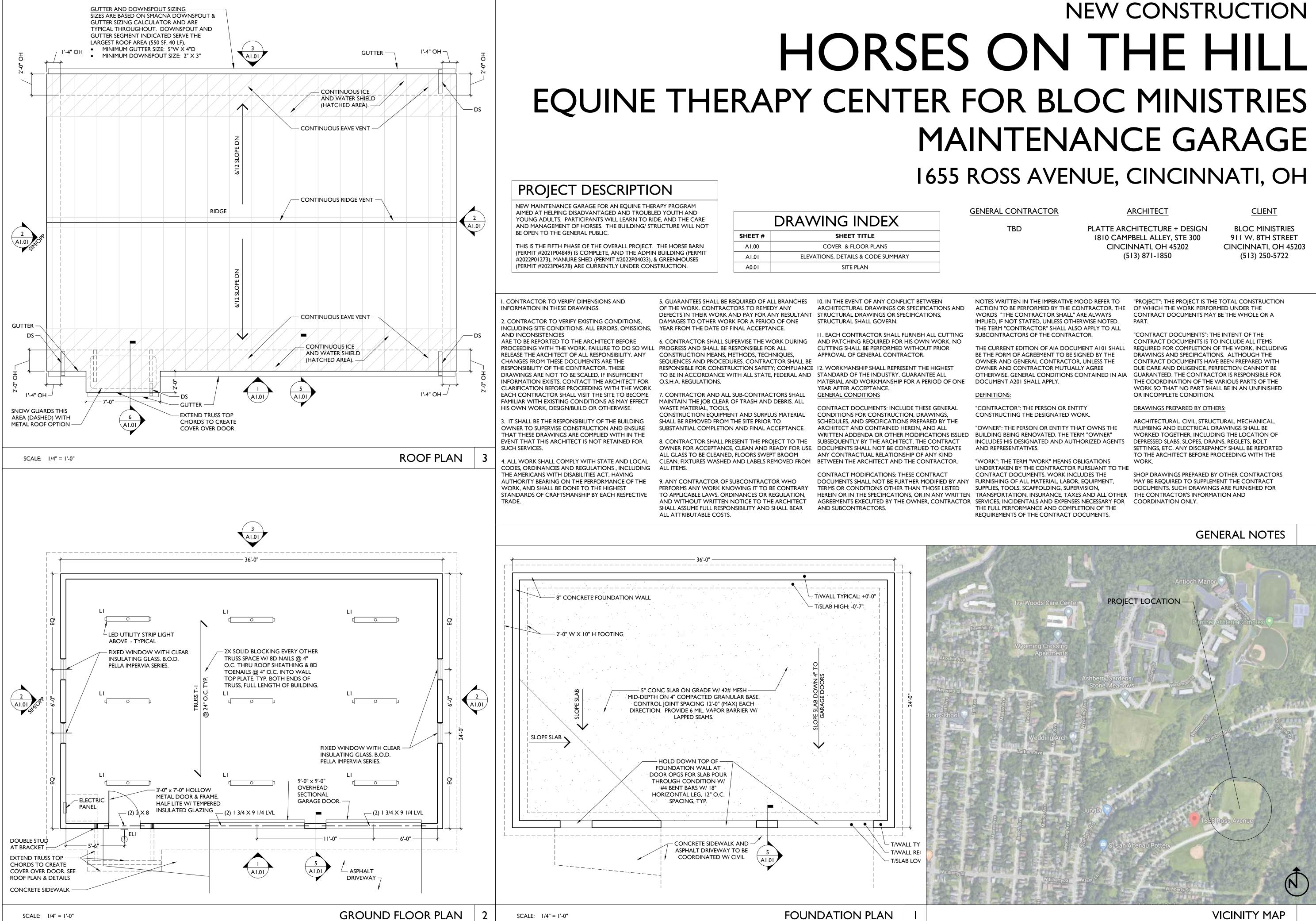
### SUBMITTALS FOR REVIEW

Provide the following to the Architect for review.

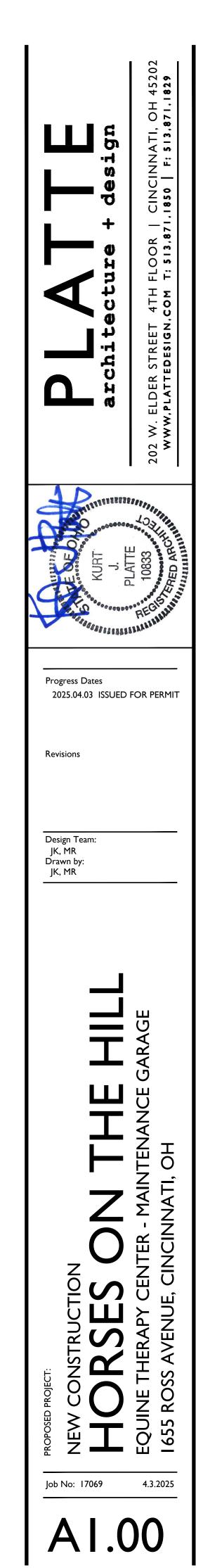
- Drawings and specifications for the portions of the work to be performed design-build including mechanical, plumbing, and electrical work.
- Roof truss engineering drawings sealed by an Ohio licensed structural engineer.
- Concrete mix design.
- Plumbing fixtures and fittings.
- Lighting fixtures.
- Toilet accessories.
- Windows.
- Exterior and interior doors and hardware.
- Color charts for any product or material that requires a color selection.

### END OF INVITATION AND INSTRUCTIONS TO BID





# VICINITY MAP MAINTENANCE GARAGE



# **GENERAL + ZONING DATA:**

		ALLOWED: I PROPOSED: I	
ADDRESS:	1655 ROSS AVENUE CINCINNATI, OHIO	SECTION 506 - BUILDING AREA TABLE 506.2 - ALLOWABLE AREA FACTOR IN SF ALLOWABLE AREA = 5500 SF	
COUNTY:	HAMILTON		
ZONING JURISDICTION:	CITY OF CINCINNATI	SECTION 509 - INCIDENTAL USES NO INCIDENTAL USES.	
BUILDING DEPARTMENT JURISDICTION:	CITY OF CINCINNATI		
APPLICABLE CODES AND STANDARDS:		SECTION 510 - SPECIAL PROVISIONS NO SPECIAL PROVISIONS.	
ZONING CODE:	TITLE XIV ZONING CODE OF THE CITY OF CINCINNATI	CHAPTER 6 - TYPES OF CONSTRUCTION	
BUILDING CODE:	2024 OHIO BUILDING CODE (OBC) WITH CURRENT AMENDMENTS AND REFERENCED ASSOCIATED CODES.	TABLE 601 - FIRE RESISTANCE RATING REQUIREMEN (HOURS)	
	CITY OF CINCINNATI BUILDING CODE	CONSTRUCTION TYPE VB: <u>BUILDING ELEMENT</u> STRUCTURAL FRAME, INCLUDING	
BUILDING AREAS (GROSS):	864 SF	COLUMNS, GIRDERS, & TRUSSES: FLOOR CONSTRUCTION, INCLUDING	
	ESIGN WILL BE PERFORMED DESIGN-BUILD R DESIGN PROVIDED BY OR THROUGH THE	ASSOCIATED SECONDARY MEMBERS: ROOF CONSTRUCTION, INCLUDING ASSOCIATED SECONDARY MEMBERS:	
ELECTRICAL SYSTEMS: SEPARATE PER	RMIT.	SECTION 602 - CONSTRUCTION CLASSIFICATION	

 PLUMBING SYSTEMS: SEPARATE PERMIT. MECHANICAL SYSTEMS: N/A. THE BUILDING WILL NOT BE CONDITIONED.

**ZONING INFORMATION:** 

SF-4

### DISTRICT:

#### ZONING RELIEF: GRANTED BY ZONING HEARING EXAMINER THROUGH APPEAL PROCESS - CASE NO ZH20210007, MARCH 25, 2021.

### 2024 OHIO BUILDING CODE (OBC) - BUILDING DATA:

**CHAPTER 3 - USE AND OCCUPANCYCLASSIFICATION** 

SECTION 312 - UTILITY AND MISCELLANEOUS, GROUP U

**CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS** USE GROUP: U, NON-SPRINKLERED, TYPE VB CONSTRUCTION

- SECTION 504 BUILDING HEIGHT AND NUMBER OF STORIES TABLE 504.3 - ALLOWABLE BUILDING HEIGHT IN FEET ALLOWED: 40'-0" PROPOSED: 17'-6"
- A. ALL CONCRETE WORK SHALL CONFORM TO THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301)." ALL CONCRETE EXCEPT AS NOTED SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE EXPOSED TO THE EXTERIOR SHALL HAVE 5 1/2% (+/- 1 1/2%) AIR ENTRAINMENT. CONCRETE FOR SLABS ON GRADE SHALL BE 3500 PSI. FOUNDATION WALLS SHALL BE 4000 PSI, AND FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 3. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND BE FURNISHED IN FLAT SHEETS.
- SPREAD FOOTINGS ARE DESIGNED FOR A MAXIMUM SOILS BEARING PRESSURE OF 1500 PSF ON NATURAL STIFF TO VERY STIFF CLAY OR ENGINEERED STRUCTURAL FILL. THE BEARING CAPACITY FOR EACH BUILDING PAD SHALL BE INDEPENDENTLY VERIFIED AND APPROVED BY A GEOTECHNICAL ENGINEER. ALL FOOTING EXCAVATIONS SHALL THEN BE INSPECTED BY THE BUILDING INSPECTOR IN ORDER TO VERIFY PROPER BEARING MATERIAL EXISTS PRIOR TO POURING THE FOOTINGS. IF THE BUILDING OFFICIAL DIRECTS THE CONTRACTOR TO GAIN APPROVAL FROM A GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL ALSO NOTIFY THE ARCHITECT / ENGINEER.
- D. CJ SHOWN ON PLAN INDICATES EITHER SLAB CONTRACTION JOINT OR CONSTRUCTION JOINT AT CONTRACTOR'S OPTION. SLAB CONTRACTION JOINTS SHALL BE A 1/8" WIDE SAWCUT (MINIMUM OF 1/4 OF SLAB DEPTH).
- IN ACCORDANCE W/ GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE SUBCONTRACTORS INVOLVED IN THE CONSTRUCTION OF THE PROJECT. THE GC WILL ALSO BE RESPONSIBLE FOR ALL OTHER SUBCONTRACTORS UTILIZED ON THE REMAINDER OF THE SITE. RESPONSIBILITY INCLUDES CONDITIONS ON THE JOB SITE, AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- REFER TO RELATED DRAWINGS AND THOSE PROVIDED BY OR THROUGH DESIGN-BUILD CONTRACTORS FOR SLEEVES, EMBEDDED ITEMS, ETC. WHICH MAY NOT INDICATED ON THESE DRAWINGS. COORDINATE DIMENSIONS FOR OPENINGS WITH APPLICABLE TRADE CONTRACTORS PRIOR TO CONCRETE PLACEMENT.
- G. UTILITY EXCAVATIONS AND RELATED FILLING OPERATIONS EXTENDING BENEATH FOUNDATIONS SHALL BE UNDER THE THE SUPERVISION OF A QUALIFIED GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO PROVIDE ARCHITECT WITH CERTIFICATION THAT ENGINEERED COMPACTION FILLS COMPLY WITH THESES REQUIREMENTS.
- H. OSB ROOF SHEATHING DESIGNED AS A RIGID DIAPHRAGM TO RESIST LATERAL LOADS. INSTALL ROOF SHEATHING WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTING MEMBERS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL END JOINTS SHALL OCCUR OVER FRAMING. ALLOW 1/8" SPACING AT PANEL ENDS AND 1/4" AT PANEL EDGES USING "H" CLIPS. NAIL 6" O.C. ALONG PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS WITH 10D COMMON NAILS. ROOF SHEATHING TO BE 5/8" THICK APA STRUCTURAL RATED SHEATHING EXTERIOR EXPOSURE AND ADHESIVE. OSB SHALL CONFORM TO U.S. PRODUCT STANDARD PS-2-2004.
- WOOD CONSTRUCTION DEVICES SUCH AS CONNECTION PLATES, TIE PLATES, RAFTER OR TRUSS HANGERS, PLYWOOD H-CLIPS AND OTHER FRAMING ANCHORS AND CONNECTORS SHALL BE MANUFACTURED BY TECO, GANG-NAIL OR SIMPSON CO. ALL GALVANIZED TO 1.25 OZ./SQ. FT. ZINC COATING PER ASTM A525. TYPICAL JOIST HANGER FOR 2X12 & 2X10 = SIMPSON LUS 210.

- FRAMING LUMBER: SOUTHERN PINE #1 2X8, 2X10, 2X12 SPF STUD GRADE OR BETTER 2X4, 2X6
- WOOD TRUSSES:

ALL WORK TO CONFORM TO THE "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION" (ANSI/TPI 1-2002) BY THE TRUSS PLATE INSTITUTE, INC.

TABLE 504.4 - ALLOWABLE BUILDING HEIGHT IN STORIES ALLOWED: I PROPOSED: I

# R IN SF PER FLOOR

REMENTS FOR BUILDING ELEMENTS

CONSTRUCTION TYPE VB: BUILDING ELEMENT	RATING REQUIRED	RATING PROVIDED
STRUCTURAL FRAME, INCLUDING	•	
COLUMNS, GIRDERS, & TRUSSES:	0	0
FLOOR CONSTRUCTION, INCLUDING		
ASSOCIATED SECONDARY MEMBER	S: 0	0
ROOF CONSTRUCTION, INCLUDING		
ASSOCIATED SECONDARY MEMBER	S: 0	0

CONSTRUCTION TYPE VB

**CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES** 

TABLE 705.0 - FIRE-RESISTANCE REQUIREMENTS FOR EXTERIOR WALLS BASED ON SEPARATION DISTANCE

FIRE SEPARATION DISTANCE EXCEEDS 30 FEET ON 3 SIDES OF THE BUILDING. EAST SIDE SEPARATION DISTANCE 20' (TO MANURE SHED) - OCCUPANCY GROUP U - NO RATING REQUIRED.

**CHAPTER 8 - INTERIOR FINISHES** N/A NO INTERIOR FINISHES

**CHAPTER 9 - FIRE PROTECTION AND LIFE SAFETY** 

CHAPTER 10 - MEANS OF EGRESS

PROJECT MEETS REQUIREMENTS

CHAPTER II - ACCESSIBILITY NOT REQUIRED

NOT REQUIRED

# CODE SUMMARY

- 2. UNLESS NOTED OTHERWISE, ALL TRUSSES SHALL BE DESIGNED FOR THE LOADS AS SHOWN IN THE DESIGN LOAD SECTION OF THESE NOTES. IN ADDITION TO THE LOADS SHOWN IN THE DESIGN SECTION, DESIGN ROOF TRUSSES FOR NET UPLIFT DUE TO WIND LOAD OF 10 PSF (UNFACTORED LOAD TO BE USED IN ACCORDANCE WITH LOAD COMBINATIONS FROM ASCE7-10). SNOW LOADS SHALL BE CONSIDERED UNBALANCED PER ASCE 7 SECTION 7.6.1. TRUSS DESIGN LOAD COMBINATIONS SHALL BE PER OBC SECTION 1605.
- SHOP DRAWINGS ARE REQUIRED AND SHALL BEAR THE DESIGNERS ENGINEERING SEAL, IN THE STATE IN WHICH THE PROJECT OCCURS, SHOW ALL DESIGN AND FABRICATION DATA, TEMPORARY AND PERMANENT BRACING REQUIREMENTS, HANDLING AND ERECTION INSTRUCTIONS, AND ALL FIELD-CONNECTION REQUIREMENTS. SHOP DRAWINGS SHALL CLEARLY SHOW PERMANENT BRACING REQUIREMENTS FOR WEB COMPRESSION MEMBERS. AN ERECTION PLAN LOCATING ALL TRUSSES SHALL BE PROVIDED.
- FABRICATOR SHALL DESIGN ALL TRUSS TO TRUSS AND/OR TRUSS TO BEAM CONNECTIONS AND SHALL SPECIFY THE PROPER SIZED HANGER ON THE SHOP DRAWINGS.
- ALL TRUSSES UNDER 60' LONG SHALL BE BRACED DURING ERECTION PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES", BCSI-BI SUMMARY SHEET BY THE TRUSS PLATE INSTITUTE, UNLESS MORE STRICT BRACING IS REQUIRED BY THE TRUSS MANUFACTURER.
- 6. AT EXTERIOR GABLE ENDS:
  - a. PROVIDE 2 X 4 X 10' LONG HORIZONTAL BRACES PERPENDICULAR TO GABLE END WALL AT 4' ON CENTER. NAIL BRACES TO GABLE END AND TO TOP OF THE BOTTOM CHORDS OF EACH TRUSS WITH (2)-10d NAILS.
  - TOENAIL GABLE END TRUSS TO TOP PLATE OF STUD WALL WITH 10d b TOENAILS AT 16" ON CENTER BRACE NAILING STUDS IN GABLE END TRUSS PER MANUFACTURER'S
- DRAWINGS. GABLE END TRUSSES SHALL NOT BE TALLER THAN 8'-9". GREATER THAN 8'-9"
- HIGH SHALL UTILIZE SLOPED STUD WALLS FOLLOWING THE PROFILE OF THE TRUSSES.
- 8. DESIGN WOOD TRUSSES TO BEAR ON THE EXTERIOR WALL UNLESS INDICATED OTHERWISE ON THE CONSTRUCTION DOCUMENTS.
- 9. TO ACCOMMODATE TRUSS UPLIFT CONDITIONS, INSTALL SIMPSON DTC ROOF TRUSS CLIPS TO BOTTOM CHORD OF ALL ROOF TRUSSES AND NAILED TO THE TOP PLATE OF ALL PERPENDICULAR NON-LOADBEARING STUD WALLS BELOW. DO NOT PLACE CEILING DRYWALL FASTENERS INTO TRUSSES WITHIN 16 INCHES OF STUD WALLS ORIENTED EITHER PARALLEL OR PERPENDICULAR TO TRUSSES.

L. BUILDING CODE DESIGN DATA:

ROOF LIVE LOAD:	20 PSF
GROUND SNOW LOAD:	PG = 20 PSF
SNOW EXPOSURE FACTOR:	CE = 1.0
SNOW LOAD IMPORTANCE FACTOR:	IS = 1.0
THERMAL FACTOR:	CT. 1.0
FLAT ROOF SNOW LOAD:	PF MIN. = 20 PSF

BASIC WIND SPEED(3 SECOND GUSTS) = 115 MPH (ULT) WIND IMPORTANCE FACTOR: IW = 1.00 BUILDING CATEGORY II WIND EXPOSURE C

INTERNAL PRESSURE COEFFICIENT, GCPI = 0.18 COMPONENTS AND CLADDING DESIGN WIND PRESSURE = 30 PSF MAIN WIND FORCE RESISTING SYSTEM DESIGN WIND PRESSURE = 25 PSF

EARTHQUAKE DESIGN DATA:

SS = 0.22 SI = 0.089 SPECTRAL RESPONSE COEFFICIENTS: SDS = 0.18 SD1 = 0.13

SITE CLASS D (ASSUMED) BASIC SEISMIC FORCE RESISTING SYSTEM: BEARING WALL SYSTEM WITH LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS. SEISMIC DESIGN CATEGORY B ANALYSIS PROCEDURE PER SECTION 1613.5.6.2

