



Village of Winnetka

Historic Preservation Commission

Regular Meeting

November 3, 2025 at 7:00 PM
Winnetka Village Hall - 510 Green Bay Road

AGENDA

1. **Call to Order**
2. **Public Comments**
3. **Approval of Minutes**
 - a. Approval of October 6, 2025, Regular Meeting Minutes
4. **Alterations to Locally Designated Landmarks**
 - a. **Case No. 25-12-HPC - 20 Fox Lane:** Advisory review of proposed alterations to 20 Fox Lane, a locally designated landmark.
5. **Other Business**
 - a. December 1, 2025, Regular Meeting - Quorum Check
 - b. 2025 Preservation Awards - Award Plaque Update
 - c. Monthly Communications For Historic Preservation Commission - Discussion and Content Decision
6. **Adjournment**

NOTICE

Village Council meetings are video recorded. All agenda materials are available at villageofwinnetka.org (Governance > Agendas & Minutes); the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2nd floor). The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator, 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

HISTORIC PRESERVATION COMMISSION
OCTOBER 6, 2025 MEETING MINUTES

Members Present: Jack Coladarci, Chairman
Beth Ann Papoutsis
Joseph Stuart
Patti Van Cleave
Anna Wisniewski

Members Absent: Chris Enck
Paul Weaver

Non-Voting Members Present: Scott Myers

Junior Commissioner Present: Louis Zaransky

Village Staff: Christopher Marx, Associate Planner

Call to Order & Roll Call:

Chairman Coladarci called the meeting to order at 7:06 p.m. Roll call was taken of the Commission Members present.

Public Comment:

No public comment was made at this time. Mr. Marx noted that no comments were received for items not on the agenda.

Approval of Minutes:

Chairman Coladarci asked for a motion to approve the September 15, 2025 meeting minutes. Ms. Van Cleave clarified her comment on page 2, line 14. Ms. Papoutsis clarified her comment on page 2, line 11. A motion to approve the September 15, 2025 minutes, as amended, was made by Ms. Van Cleave and seconded by Ms. Papoutsis. A vote was taken and the motion unanimously passed, 5 to 0:

AYES: Coladarci, Papoutsis, Stuart, Van Cleave, Wisniewski

NAYS: None

NON-VOTING: Myers, Zaransky

Alterations to Locally Designated Landmarks:

a. **Case No. 25-12-HPC - 20 Fox Lane: Advisory review of proposed alterations to 20 Fox Lane, a locally designated landmark.**

Mr. Marx stated the applicant requested the item be continued to the November 2025 meeting so they can attend the meeting.

b. **Case No. 25-15-HPC - 1094 Fisher Crescent Lane: Advisory review of proposed alterations to 1094 Fisher Crescent Lane, a locally designated landmark.**

Mr. Marx identified the property owner, summarized the proposal and summarized the proposed exterior alterations in detail for the Commission. He referred to elevation renderings, photos and a cut-through on page nos. 2-3 in the application materials as Attachment A. Mr. Marx stated the applicant described proposed alterations as minor in scope and would serve to improve natural sunlight, improve ventilation and would have minimal visual impact from the public right-of-way. He asked if there were any questions. No questions were raised at this time.

David Szafarz of Downey Szafarz Architects described the three skylights on the flat roof as well as four in the rear which open to the outside in a manner similar to a balcony window. He noted the roofline character would not

1 change or be visual from the street. Mr. Marx referred to Figure 1 on page 2 which is the property's aerial view and
2 identified the topography which included a slope from Sheridan Road.

3
4 Ms. Papoutsis asked about the roof's materials. Mr. Szafarz described the roof's materials for the Commission.
5 Chairman Coladarci referred to page 35 and the factors the Commission is to consider, specifically items (g) and (h)
6 which he read into the record. He asked for the Commission's comments or if there were any additional standards
7 to be discussed at length. Chairman Coladarci agreed the windows are not easily visible.

8
9 Mr. Stuart commented the alterations looked practical and asked if they could have done traditional dormers with
10 regard to the roof pitch. Mr. Szafarz responded there is a cut-in dormer which he identified and considered as an
11 alternative but it would have required zoning relief. No additional questions were raised at this time.

12
13 Chairman Coladarci then referred to several findings on page 35, item 2(a) which he read into the record and asked
14 if there were any comments. No comments were made at this time. He read the findings into the record and asked
15 for a motion to find that the Commission found that the proposed alterations are appropriate to the preservation
16 of the subject property and found that the subject property continued to meet the criteria as a locally designated
17 landmark. A motion as stated by Chairman Coladarci was made by Ms. Van Cleave and seconded by Ms.
18 Wisniewski. A vote was taken and the motion unanimously passed, 5 to 0:

19 AYES: Coladarci, Papoutsis, Stuart, Van Cleave, Wisniewski

20 NAYS: None

21 NON-VOTING: Myers, Zaransky

22
23 **Other Business:**

24 a. November 3, 2025 Regular Meeting - Quorum Check.

25 The Commission Members discussed their availability.

26
27 b. 2025 Preservation Awards - Award Plaque Update.

28 Mr. Marx summarized the status of seeking another plaque manufacturer and the proposed alternatives including
29 a matted framed photo and signed document which would be unique for each homeowner. He noted the prior
30 awarded plaques have not been located on the home's exterior. Ms. Papoutsis commented on the effect of having
31 the plaques located outside. Chairman Coladarci referred to the amount of time it took to get the expensive
32 plaques done which would have to be redesigned. Mr. Marx described the plaque modification as very expensive
33 and took a significant amount of time to complete. He also provided the Commission with a summary of his search
34 for additional plaque fabricators. Ms. Papoutsis suggested that the plaques should still be suitable for bearing
35 outdoor weather and that local artists should be considered for design. The Commission Members also discussed
36 alternative suggestions for plaque manufacturers. Mr. Marx stated that they ideally would like to present the
37 awards in December and discussed the lead time for orders to be put together and asked the Commission
38 Members to contact him immediately with any potential manufacturer's information. Chairman Coladarci
39 confirmed the item would be further discussed at the November meeting. Mr. Marx agreed to provide Ms. Van
40 Cleave with a sample plaque.

41
42 c. Monthly Communications for Historic Preservation Commission - Discussion and Content Decision.

43 Ms. Van Cleave referred to the previous discussion with regard to the Crow Island addition and provided an
44 update. She suggested the matter be held until they have access to Perkins & Will's photos of the addition to
45 include in the article with the stewardship group to write the article. Mr. Marx identified the timeline to include it
46 in the quarterly report. He asked the Commission Members if they had any items to add to the list. Ms. Van Cleave
47 suggested featuring 615 Elm Street. Mr. Marx provided a summary of the work done and preservation tools the
48 homeowners used. He also mentioned Mr. Enck's recognition from Landmarks Illinois appearing in the most recent
49 quarterly report. The Commission Members discussed contacting the 615 Elm property owners about doing a short
50 article as well as possible representation at the farmer's market.

51
52 **Adjournment:**

1 Chairman Coladarci asked for a motion to adjourn. A motion to adjourn was made by Ms. Van Cleave and
2 seconded by Mr. Stuart. A vote was taken and the motion unanimously passed, 5 to 0:

3 AYES: Coladarci, Papoutsis, Stuart, Van Cleave, Wisniewski

4 NAYS: None

5 NON-VOTING: Myers, Zaransky

6 The meeting adjourned at 7:36 p.m.

7

8 Respectfully submitted,

9

10 Antionette Johnson

11 Recording Secretary

12

13

DRAFT



MEMORANDUM VILLAGE OF WINNETKA

COMMUNITY DEVELOPMENT DEPARTMENT

TO: HISTORIC PRESERVATION COMMISSION
FROM: CHRISTOPHER MARX, ASSOCIATE PLANNER
DATE: OCTOBER 30, 2025
SUBJECT: 20 FOX LANE - ALTERATIONS TO LOCAL LANDMARK
(CASE NO. 25-12-HPC)

INTRODUCTION

On November 3, 2025, the Historic Preservation Commission (HPC) is scheduled to consider a request from Aspect Design Architecture Inc. (the "Applicant"), as the architect representative of Chicago Land Trust Company, As Trustee Under Trust #8002364810 (the "Owner") of the property located at 20 Fox Lane (the "Subject Property"), for an advisory review of exterior alterations to the Subject Property, a locally designated landmark. The request was originally included on the October 6, 2025, meeting agenda but was continued to the next available meeting date at the request of the Applicant.

PROPOSED PLAN

The Applicant has provided a written narrative, photos, architectural plans, and material specifications that detail the proposed alteration to an accessory structure on the Subject Property. The existing detached garage would receive modifications and improvements that include a one-story 286 square-foot addition on its south end, bringing the accessory structure to a size of 814 square feet. The addition's roof would match the same pitch of the existing roof while the shingles on the entire roof surface would be replaced with a one-inch standing seam copper roof material. The addition would have a matching face brick of 2¼" x 7 5/8" x 4" bed depth with a smooth face and semi flush mortar and a warm white color identified as Sherwin Williams Greek Villa. The addition would be accessible with a Morgan brand wood door painted in the same shade of Greek Villa white. A Marvin Ultimate wood casement style window would be installed with simulated divided light muntins in an arrangement of two panes in width and three panes in height while also being painted in Greek Villa white, placed over a limestone sill. The Applicant states that the proposed addition is designed to provide a seamless appearance in all aspects from the existing garage and its addition.

The Applicant states that the proposed addition would provide additional storage space while not disrupting the character and architectural integrity of the main house. The Applicant has also applied for a zoning variation that is scheduled to be reviewed at the November 10, 2025, meeting of the Zoning Board of Appeals meeting, as the proposed addition would not comply with zoning ordinance requirements for setbacks.

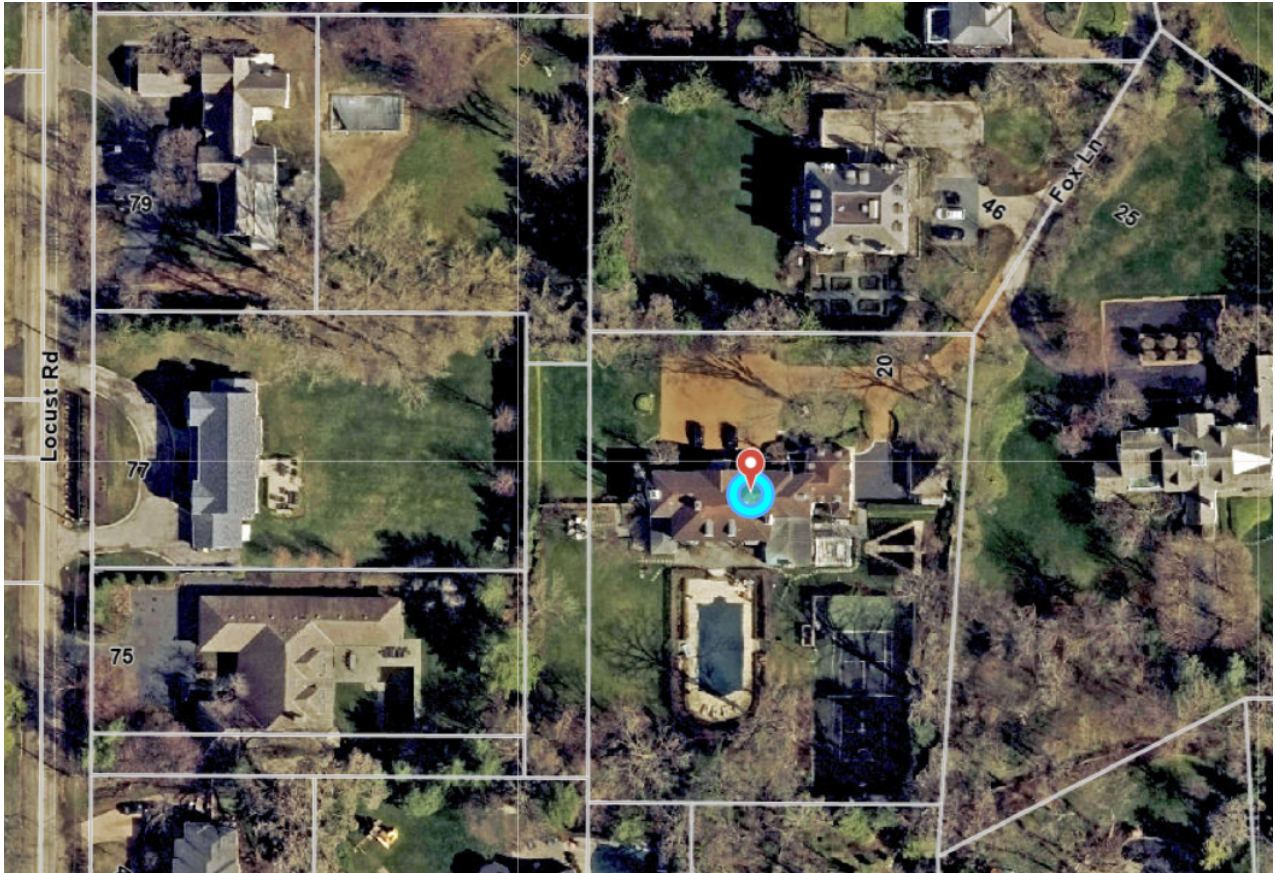


Figure 1 – Subject Property – GIS aerial map



Figure 2 – Subject Property – Front (North) façade of house



Figure 3 – Subject Property – Front and side (North and East) façades of house



Figure 4 – Subject Property – Side (West) façade of house



Figure 5 – Subject Property – Detached garage and accessory shed

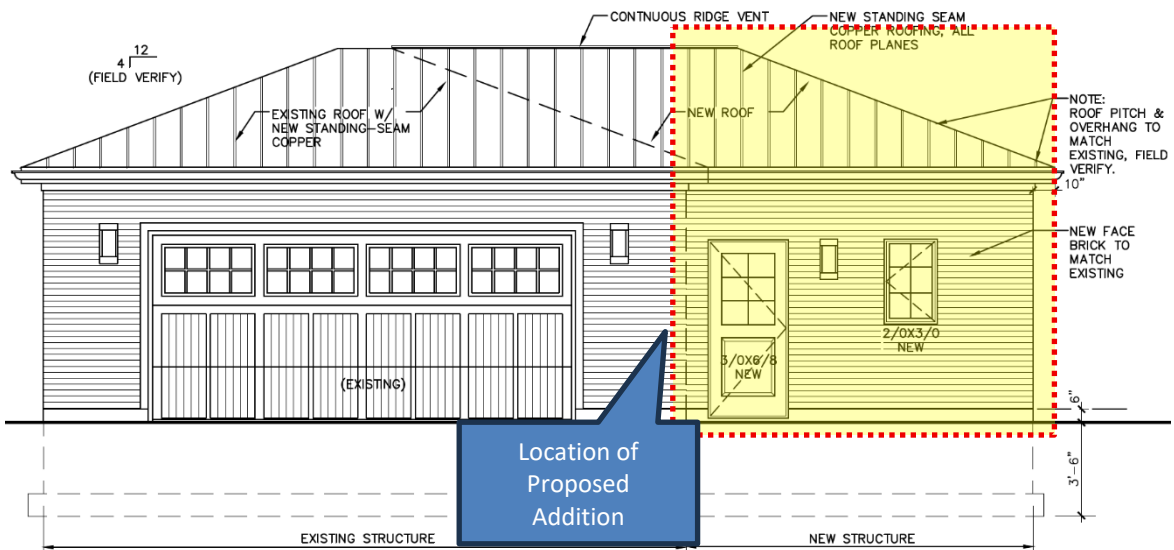


Figure 6 – Subject Property – Proposed garage addition front (west) elevation rendering

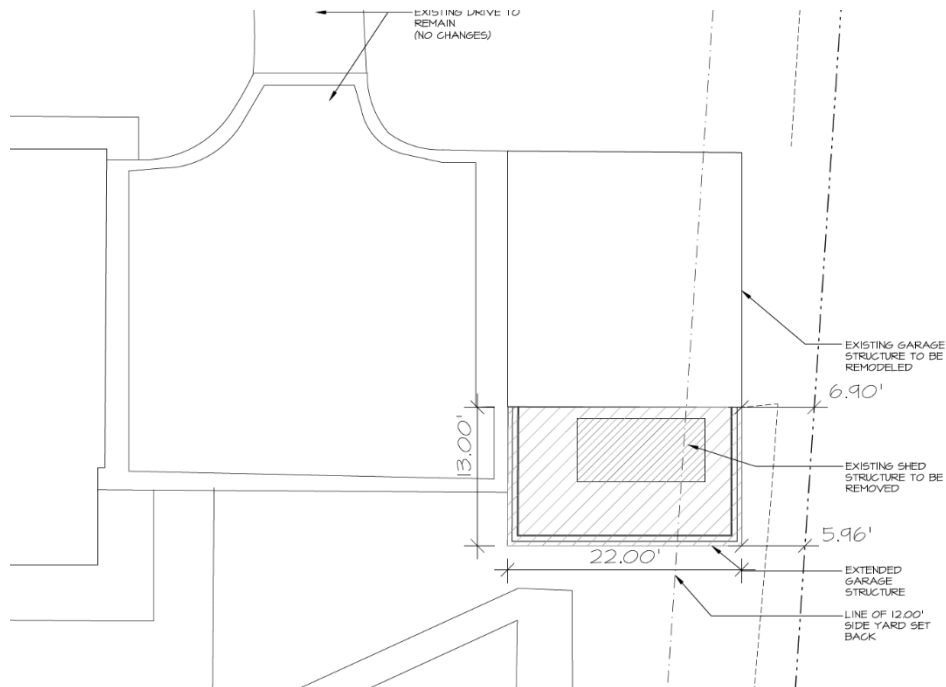


Figure 7 – Subject Property – Proposed garage addition site plan

COMMISSION REVIEW

Exterior alterations of designated landmarks are subject to an advisory review by the HPC. The criteria to consider when conducting an advisory review of alterations are as follows:

1. General Standards:

- a. Conformance with the Zoning Ordinance;
- b. Reasonable effort shall be made to use the building, structure, object or site for its originally intended purpose or to provide a compatible use which requires minimal alteration, relocation or demolition;
- c. The distinguishing original qualities or character of a building, structure, object or site should not be destroyed. The alteration, relocation or demolition of any historic material or distinctive architectural feature should be avoided except when necessary to assure an economically viable use of the property;
- d. Distinctive stylistic features or examples of skilled craftsmanship which characterize a building, structure, object or site should usually be maintained and preserved;
- e. Deteriorated architectural features should whenever possible be repaired rather than replaced. If replacement is necessary, the new material should match as closely as practicable the material being replaced in composition, design, color, texture and other visual qualities. Repair or replacement of missing architectural features, where possible, should be based on accurate duplications of features, substantiated by historic, physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other buildings, structures, objects or sites;
- f. The surface cleaning of buildings, structures, objects or sites should be undertaken with the gentlest means possible. Sandblasting and other cleaning methods which will damage the architectural or historic features and building material shall be discouraged.
- g. New buildings and structures and the alterations and relocation of existing buildings or structures shall not be discouraged when such work does not destroy significant historical or architectural features and is compatible with the size, scale, color, material and character of the property or neighborhood.
- h. Alterations, relocations and demolitions which do not affect any significant exterior architectural or historic features of the building, structure, object or site as viewed from a private street, a courtyard open to the public or a public street, place or way should generally be permitted;
- i. Demolition of a designated landmark shall be discouraged if the building, structure or property, as the case may be, is economically viable and can yield reasonable return in its present condition or can be made economically viable and yield reasonable return after completion of appropriate alteration, relocation, renovation or restoration work.

2. Design Guidelines:

- a. Height. The height of any proposed alteration should be compatible with the architectural style and character of the designated landmark.
- b. Proportions of Windows and Doors. The proportions and relationships between doors and windows should be compatible with the architectural style and character of the designated landmark.
- c. Roof Shape. The design of the roof should be compatible with the architectural style and character of the designated landmark.

- d. Scale. The scale of the structure should be compatible with the architectural style and character of the designated landmark.
- e. Directional Expression. The dominant horizontal or vertical expression of the facades should be compatible with the original architectural style or character of the designated landmark.
- f. Architectural Details. Materials, textures, colors and architectural details should be compatible with the original architectural style or character of the designated landmark.
- g. Appurtenances. Appurtenances including, but not limited to, signs, fences, accessory buildings or structures, permeable and impermeable surfaces should be compatible with the original architectural style or character of the designated landmark.
- h. Other. In addition to the foregoing, the Commission may consider the Secretary of the Interior's Standards for Rehabilitation Guidelines for Rehabilitating Historic Buildings.

FINDINGS

The HPC shall determine whether the proposed alterations will be appropriate or not appropriate to the preservation of the Subject Property. Considering the alterations, does the HPC find that the Subject Property continues to meet the criteria for designation as a locally designated landmark?

If the HPC determines that the proposed alterations are inappropriate, it shall make recommendations to the Applicant concerning changes, if any, in the proposed alterations which would cause the HPC to reconsider its determination and shall confer with the Applicant.

ATTACHMENTS

Attachment A: Application Materials



August 6, 2025

Christopher Marx
Historic Preservation Commission
Village of Winnetka
510 Green Bay Road
Winnetka, Illinois
60093

**Historic Preservation – Statement Explanation Letter
(Garage Addition Room)**

Project Location: 20 Fox Lane, Winnetka, Il. 60093

Dear Mr. Marx,

This letter is to address and expound on the design detailing of the garage addition room, located at 20 Fox lane. To begin with, the actual size and volume of the proposed addition is minimal when compared to the size of the existing two-story residence. The new 286 square foot area will be an extension of the existing 528 square foot, two-car garage. Both areas are to remain single story structures

The new addition is to be constructed adjacent to the south elevation of the existing garage. The new construction will be replacing a small 7'-0" x 10'-0" storage shed. The new walls will consist of matching face brick. The new, and existing, roofing material will be that of standing metal seam. The existing roof pitch is to remain the same, with the new roof pitch to match the existing. Roofing sample and colors will be provided.

All other design elements, roof overhangs, door and window trim, and exterior lighting, is to match that of the existing garage. Along with the matching face brick, and completely new roofing material, the completed structure will not look like an added-on volume, but rather an original single structure entity.

The addition is relatively small in volume, is not largely noticeable from any of the main drives. And with the removal of the accessory storage shed, it will only improve on the overall aesthetic of the property.

26575 COMMERCE DR.
SUITE 607
VOLO, IL 60073
PHONE: 847.457.2500
WWW.ASPECTDESIGNINC.COM

ASPECT DESIGN INC.
ARCHITECTS

I hope this letter further addresses any concerns, and will help expedite the review process.

Sincerely,



Dean Botes
Architect, Managing Director



Email: dbotes@AspectDesignInc.com

C.C.

File
Aspect Design, Inc.

From: iletzter.aspectdesigninc.com
To: [Christopher Marx](#); [Ann Klaassen](#)
Cc: [Dean Botes](#)
Subject: 20 Fox Lane / HPC meeting 10-6-25 and Zoning meeting 10-13-25 / ADI AD24227
Date: Thursday, September 11, 2025 6:12:47 PM
Attachments: [Copper roof information 9-11-25.pdf](#)
[AD24227-CARROLL-09 11 25-REVISED.pdf](#)
[s3WKSX_978474_survey_r1.pdf](#)
[9-11-25 Signed application for Variation Carroll.pdf](#)
[09 11 25 Standards for Granting Variation Carroll.pdf](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christopher & Ann,

Please find additional items requested for the HPC meeting and the zoning meeting.

HPC: Photos off home

Brick & Mortar will be painted Sherwin Williams SW7551 "Greek Villa" warm white. The brick will match the common brick 2 ¼" x 7 5/8" x 4" bed depth which has a smooth face and lightly tumbled edges, the mortar is semi flush and can cover some of the brick with semi-raked joints.

Window will be Marvin Brand Ultimate wood window casement style with 1 ¼" simulated true divided lites, 2 Wide x 3 Tall with 3 ½" wood casing on the sides and head and wood sill painted in the SW7551 color on a 3 ¼" tall x 5 ¼" deep limestone bull nose sill.

Service door will be a Morgan brand wood door and wood door frame with wood brick mould and be painted in the SW7551 Color.

Roofing will be copper standing seam roofing 1" tall 20 oz thickness (see attached information).

Zoning & HPC: revised architectural plans

Updated Plat of Survey

Updated Standards for Granting a Zoning Variation

Current signed application form

After your review, please contact us with any additional items required.

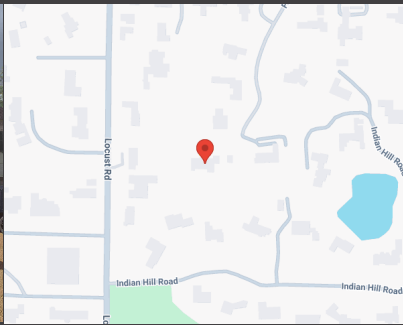
Thank you,

Jeff

Jeffrey T. Letzter
President / Sales & Business Development
Aspect Design, Inc.
26575 Commerce Drive Suite 607
Volo, IL 60073
847-875-4372 Direct
847-457-2500 Office
www.aspectdesigninc.com



www.exactalands.com | office: 773.305.4011



PROPERTY ADDRESS:
20 FOX LANE, WINNETKA, ILLINOIS 60093

SURVEY NUMBER: 2508.4428

DATE SIGNED: 09/08/25 **FIELD WORK DATE:** 9/5/2025

REVISION DATE(S):
(REV.0 9/8/2025)

POINTS OF INTEREST
1. ADJACENT FENCE OVER PROPERTY LINE.

STATE OF ILLINOIS } SS
COUNTY OF LASALLE }

THIS IS TO CERTIFY THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, GIVEN UNDER MY HAND AND SEAL THIS DATE HEREON.

Handwritten signature in red ink.



ILLINOIS PROFESSIONAL LAND SURVEYOR No. 2971
LICENSE EXPIRES 11/30/2026
EXACTA LAND SURVEYORS, LLC
PROFESSIONAL DESIGN FIRM 184008059-0008



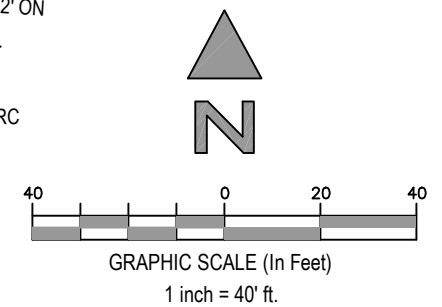
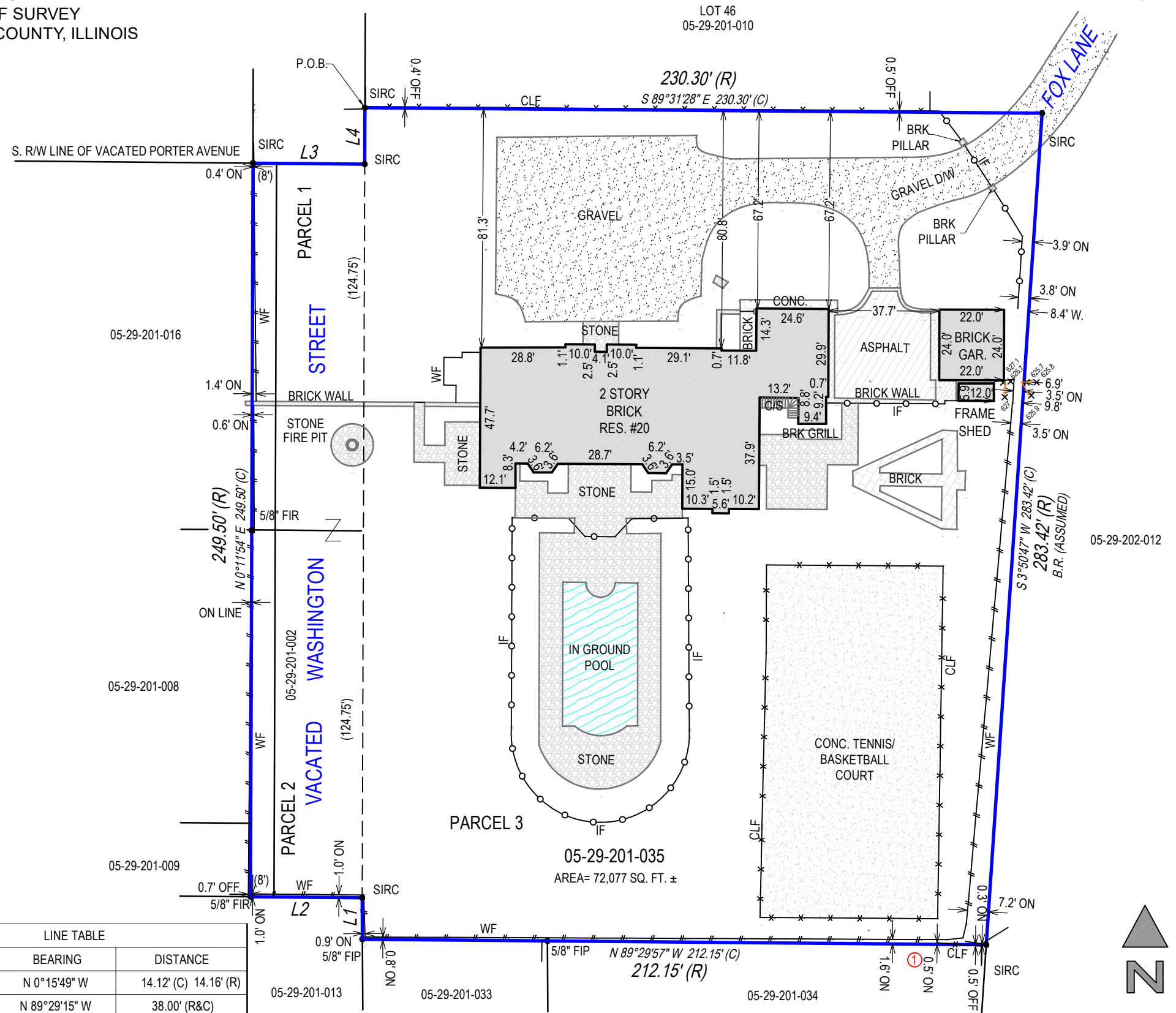
Exacta Land Surveyors, LLC
PDF # 184008059
o: 773.305.4011
316 East Jackson Street | Morris, IL 60450



2508.4428
PLAT OF SURVEY
COOK COUNTY, ILLINOIS

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 0°15'49" W	14.12' (C) 14.16' (R)
L2	N 89°29'15" W	38.00' (R&C)
L3	S 89°29'15" E	38.00' (R&C)
L4	N 0°11'54" E	19.18' (R&C)

SEE PAGE 2 OF 2 FOR LEGAL DESCRIPTION
PAGE 1 OF 2 - NOT VALID WITHOUT ALL PAGES









GENERAL NOTES

ALL APPLICABLE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE TO ALL APPLICABLE LOCAL AND NATIONAL CODES.

- 2015 INTERNATIONAL RESIDENTIAL CODE
- 2015 INTERNATIONAL BUILDING CODE
- 2015 INTERNATIONAL MECHANICAL CODE
- 2015 INTERNATIONAL FUEL GAS CODE
- 2014 NATIONAL ELECTRICAL CODE
- 2015 INTERNATIONAL FIRE CODE
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE WITH THE STATE OF ILLINOIS AMENDMENTS
- 2015 NFPA LIFE SAFETY CODES

EACH CONTRACTOR SHALL REVIEW AND VERIFY THE PLANS AND FIELD CONDITIONS PRIOR TO THE START OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND THE GENERAL CONTRACTOR. ALL DISCREPANCIES SHALL BE RESOLVED BEFORE THE START OF CONSTRUCTION.

ALL CONTRACTORS SHALL COORDINATE WITH ALL OTHER CONTRACTORS PRIOR TO AND DURING CONSTRUCTION.

DO NOT SCALE DRAWINGS.

ALL MATERIALS, EQUIPMENT, STRUCTURAL ELEMENTS, FINISHES, WINDOWS, DOORS, ETC., WHETHER PRE-MANUFACTURED OR SITE BUILT SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.

THE CONTRACTOR SHALL NOT ALLOW DEBRIS TO ACCUMULATE ON SITE DURING CONSTRUCTION AND SHALL LEAVE THE WORK AREA "BROOM CLEAN" DAILY. REMOVE WASTE BUILDING MATERIAL WEEKLY.

THE ARCHITECT IS NOT ENGAGED FOR SUPERVISION AND ASSUMES NO SUCH RESPONSIBILITY.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, TECHNIQUES, PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK.

THE OWNER / CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPROPRIATE PERMITS AND INSURANCE FOR CONSTRUCTION AND OCCUPANCY.

THE OWNER / GENERAL CONTRACTOR TO CHOOSE FIXTURES, APPLIANCES, FINISHES (PAINT, WALL COVERINGS, TILE, LAMINATES, CABINETS, COLORS, HARDWARE, FURNITURE ETC., UNLESS NOTED OTHERWISE. SUB - CONTRACTORS TO SUPPLY SAMPLES TO THE OWNER/ GENERAL CONTRACTOR FOR FINAL APPROVAL PRIOR TO START OF CONSTRUCTION.

ALL SURFACES AND CONSTRUCTION SHALL BE ADEQUATELY BRACED AND PROTECTED.

APPROVED NUMBERS OR ADDRESSES SHALL BE PROVIDED FOR ALL NEW BUILDINGS IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

WHERE THE TERM "APPROVED EQUAL" IS USED IN THE DRAWINGS OR SPECIFICATIONS, IT SHALL BE UNDERSTOOD THAT THE REFERENCED IS MADE TO THE RULING AND JUDGMENT OF THE ARCHITECT AND SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. SUBMIT ACTUAL SAMPLES AND ANY NECESSARY TECHNICAL DATA OR INFORMATION OF ALL PROPOSED SUBSTITUTIONS.

THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND HIS AGENTS FOR AND AGAINST ALL SUITS, CLAIMS OR LIABILITY ON ACCOUNT OF PERSONAL INJURIES OR PROPERTY DAMAGES ARISING OUT OF NEGLIGENT ACTS OF THE CONTRACTOR IN THE PERFORMANCE OF THE WORK COVERED BY THE CONTRACT.

SITE WORK

THE CONTRACTOR SHALL VERIFY SITE AND EXISTING CONSTRUCTION CONDITIONS ESPECIALLY UNDERGROUND AND OVERHEAD UTILITY SERVICES.

THE FOOTINGS AND FOUNDATIONS HAVE BEEN DESIGNED TO BEAR ON UNDISTURBED SOIL OR APPROVED COMPACTED FILL WITH A MINIMUM BEARING CAPACITY OF 3000 P.S.F.

CONCRETE WORK

(NOT APPLICABLE)

METALS

(NOT APPLICABLE)

MASONRY

(NOT APPLICABLE)

DOORS AND WINDOWS

ALL SAFETY GLAZING SHALL BE IN ACCORDANCE WITH THE CODE.

THERMAL AND MOISTURE PROTECTION

REFER TO THE ENERGY CODE NOTES AND THE TYPICAL WALL SECTIONS FOR R-VALUES.

METAL VALLEY FLASHINGS TO CONFORM WITH ALL APPLICABLE CODES.

ALL EXTERIOR JOINTS, SEAMS, AND PENETRATIONS IN THE BUILDING ENVELOPE SHALL BE SEALED WITH APPROVED SEALANT, TAPE, GASKETS OR WEATHER STRIPPING TO PREVENT AIR LEAKAGE.

VAPOR RETARDERS WITH A PER RATINGS OF 1.0 OR LESS SHALL BE INSTALLED IN ALL FRAMED CEILINGS, WALLS, AND FLOORS.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

PROVIDE CONCEALED GALVANIZED OR ALUMINUM SHEET METAL FLASHING AT ALL WALL/ROOF JOINTS AND AS REQUIRED FOR WATERPROOF CONSTRUCTION.

ENERGY CODE

(NOT APPLICABLE)

STRUCTURAL DESIGN CRITERIA

FLOOR	DESIGN LOADS	
FLOOR	40 P.S.F.-L.L.	10 P.S.F.-D.L. LIVING SPACE
ATTIC	20 P.S.F.-L.L.	10 P.S.F.-D.L. ATTIC STORAGE
	10 P.S.F.-L.L.	10 P.S.F.-D.L. WITH OUT ATTIC STORAGE
ROOF	30 P.S.F.-L.L.	10 P.S.F.-D.L. SNOW LOAD
CATHEDRAL CEILING	30 P.S.F.-L.L.	15 P.S.F.-D.L. SNOW LOAD
DECKS	40 P.S.F.-L.L.	10 P.S.F.-D.L.
WIND LOAD	90 P.S.F.	

ALL FLOOR AND CEILING JOISTS, ROOF RAFTERS, BEAMS AND HEADERS SHALL BE DOMESTIC HEM FIR #2 UNLESS OTHERWISE NOTED. MINIMUM E = 1,300,000 P.S.I. AND MINIMUM BASE Fc = 850 OR BETTER.

ALL STRUCTURAL WOOD POSTS SHALL BE S-P-F STRUCTURAL GRADE OR BETTER.

PROVIDE DOUBLE JOISTS BELOW ALL PARALLEL PARTITIONS, BATHTUBS, WASHER, DRYER, AND OTHER STATIONARY APPLIANCES.

MINIMUM IN GRADE BASE VALUES FOR STUDS:

FIRST FLOOR EXTERIOR LOAD BEARING WALLS	E = 1,400,000	Fc = 825
FIRST FLOOR INTERIOR LOAD BEARING WALLS	E = 1,200,000	Fc = 800
SECOND FLOOR EXTERIOR LOAD BEARING WALLS	E = 1,200,000	Fc = 800
SECOND FLOOR INTERIOR LOAD BEARING WALLS	E = 1,000,000	Fc = 600
ALL NON LOAD BEARING WALLS	E = 1,000,000	Fc = 600

EXTERIOR DECK STRUCTURAL FRAMING LUMBER:

ALL DECK STRUCTURAL FRAMING HAS BEEN DESIGNED BASED UPON #2 SOUTHERN YELLOW PINE OF U.S. ORIGIN AS CLASSIFIED BY THE SOUTHERN PINE MARKETING COUNCIL.

Fb: 2x6 = 1380 P.S.I. / 2x10 = 1210 P.S.I. / 2x12 = 1120 P.S.I. / E = 1,600,000

ENGINEERED WOOD PRODUCTS:

MANUFACTURED STRUCTURAL WOOD PRODUCTS SUCH AS HEADERS AND BEAMS HAVE BEEN DESIGNED BASED UPON MICROLAMBS AND PARALLAMS AS MANUFACTURED BY TRUSS-JOIST.

1.9 MICROLAMBS	Fb = 2600 P.S.I.	E = 1,900,000 P.S.I.
2.0 PARALLAMS	Fb = 2400 P.S.I.	E = 2,000,000 P.S.I.
1.5 TIMBERSTRAND	Fb = 2250 P.S.I.	E = 1,500,000 P.S.I.

STRUCTURAL WOOD I-JOISTS:

MANUFACTURED STRUCTURAL WOOD I-JOISTS ARE BASED UPON I-JOIST AS MANUFACTURED BY INTERNATIONAL BEAM OR APPROVED EQUAL. ALL SUBSTITUTIONS SHALL BE REVIEWED BY THE ARCHITECT. I JOISTS SHALL BE INSTALLED AS PER THE MANUFACTURERS ALLOWABLE FLOOR SPAN CHART (LIVE LOAD = 1/400). INSTALLATION INSTRUCTIONS AND SPECIFICATIONS.

FIREBLOCKING NOTES

FIREBLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE. FIRE STOPPING SHALL BE PROVIDED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- 1) IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AT THE CEILING AND FLOOR LEVEL.
- 2) AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS THOSE THAT OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC..
- 3) IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RIM.
- 4) AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, AND FIREPLACES AT CEILING AND FLOOR LEVEL, WITH NON COMBUSTIBLE MATERIALS.
- 5) ALL FURRING, PARTITIONS, EXTERIOR WALLS AT EACH FLOOR AND CEILING LEVEL, AND AT THE JUNCTURE OF THE ROOF RAFTERS AND WALL.
- 6) ALL OPEN SOFFIT AREAS SHALL BE PROTECTED ON THE ENCLOSED SIDE WITH MINIMUM 1/2" DRYWALL.

EXCEPT AS PROVIDED IN ITEMS 4 AND 6 ABOVE, FIREBLOCKING SHALL CONSIST OF 2 INCH NOMINAL LUMBER, OR TWO THICKNESSES OF 1 INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR ONE THICKNESS OF 23/32 INCH O.S.B. WITH JOINTS BACKED BY 23/32 INCH O.S.B., OR ONE THICKNESS OF 3/4 INCH TYPE 2-M PARTICLE BOARD WITH JOINTS BACKED BY 3/4 INCH TYPE 2-M PARTICLE BOARD, OR OTHER APPROVED MATERIALS.

THE INTEGRITY OF ALL FIRE STOPS SHALL BE MAINTAINED.

NOTES:

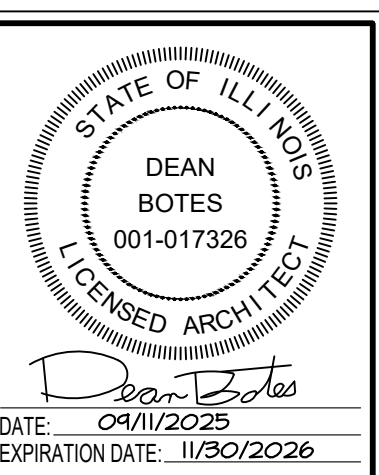
ALL FIREBLOCKING AND DRAFT STOPPING SHALL MEET REQUIREMENTS OF IRC R602.8 AND RELATED SECTIONS AND TABLES AND IRC R502.12 AND RELATED SECTIONS.

PROVIDE 5/8" FIRECODE DRYWALL TO UNDERSIDE OF ALL I JOIST FLOOR CONSTRUCTION AND PROVIDE APPROVED DRAFTSTOPPINGS FOR EVERY 1000 SQ. FT. OF FLOOR AREA

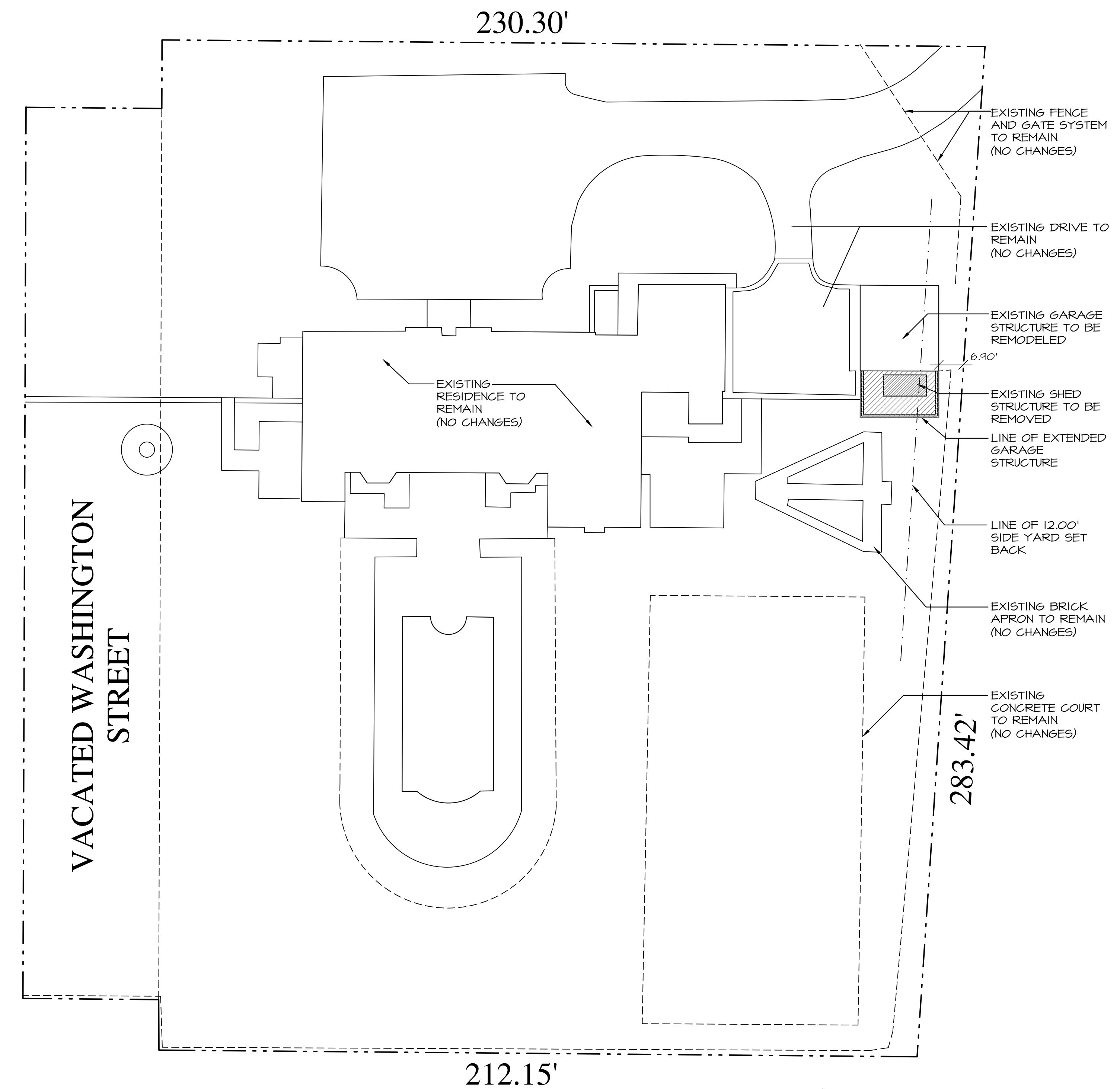
GARAGE STORAGE ROOM ADDITION 20 FOX LANE WINNETKA, IL 60093

SHEET INDEX

A 01	TITLE SHEET AND GENERAL NOTES
A 02	SITE PLAN
A 03	PLANS & EXTERIOR ELEVATIONS

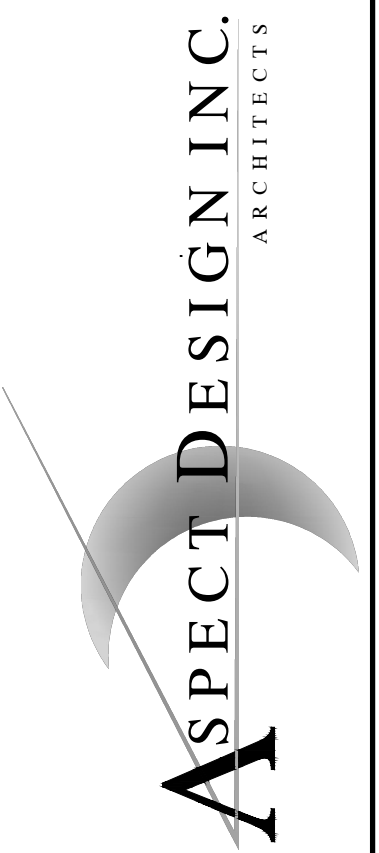


GARAGE STORAGE ROOM ADDITION
 20 FOX LANE
 WINNETKA, IL. 60093



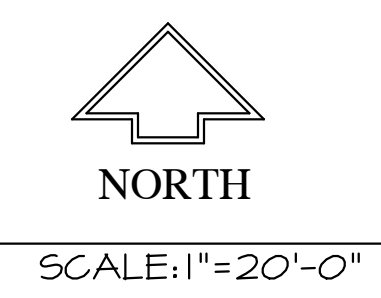
REVIEW	12/04/2024
REVIEW	12/23/2024
FINAL	08/11/2025
REVISED	09/09/2025
REVISED	09/11/2025

26575 COMMERCE DR.
 SUITE 607
 Volo, IL 60073
 MAIN: 847-457-2500
 WWW.ASPECTDESIGNINC.COM
 IL LICENSE # 18400154

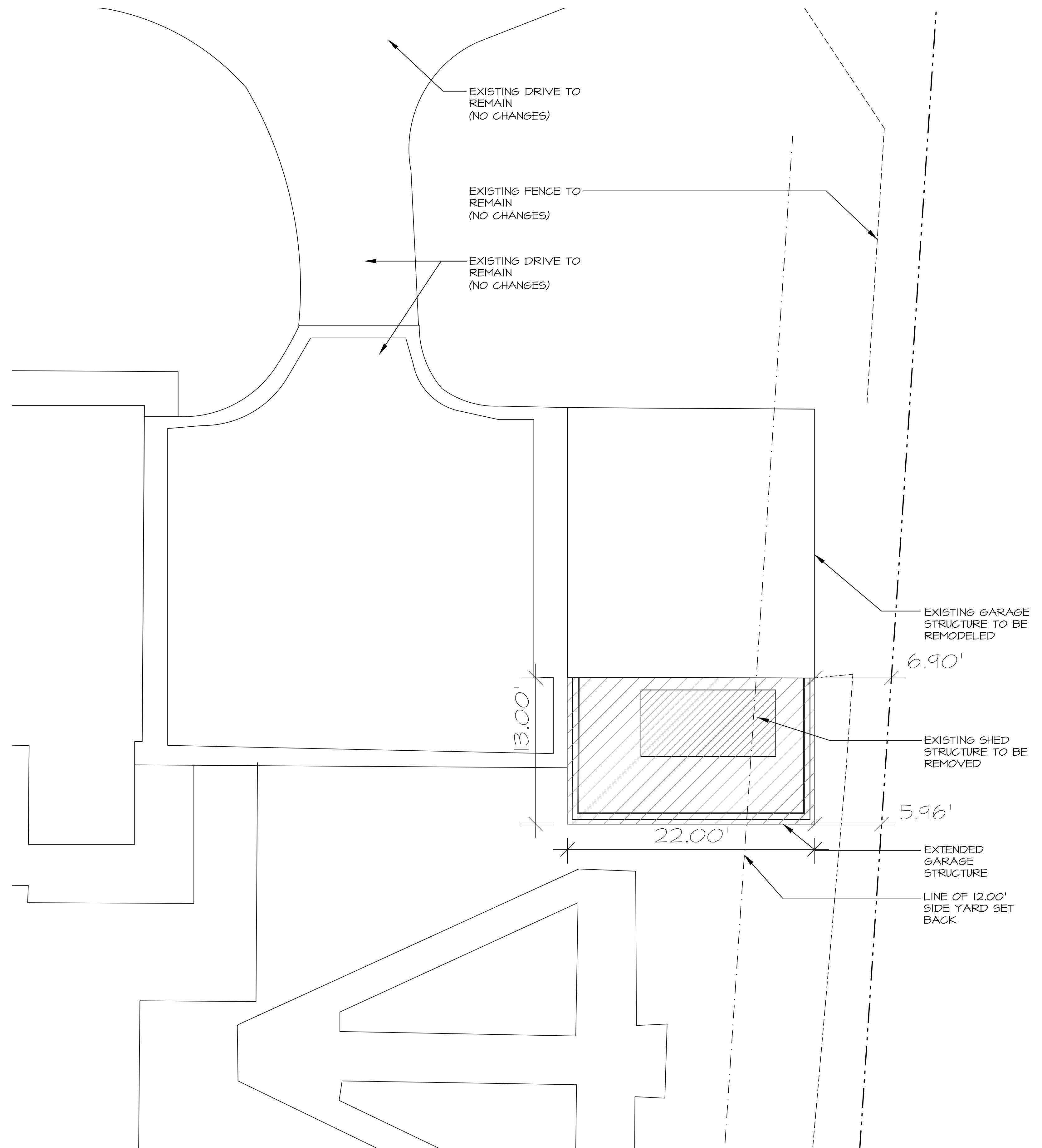
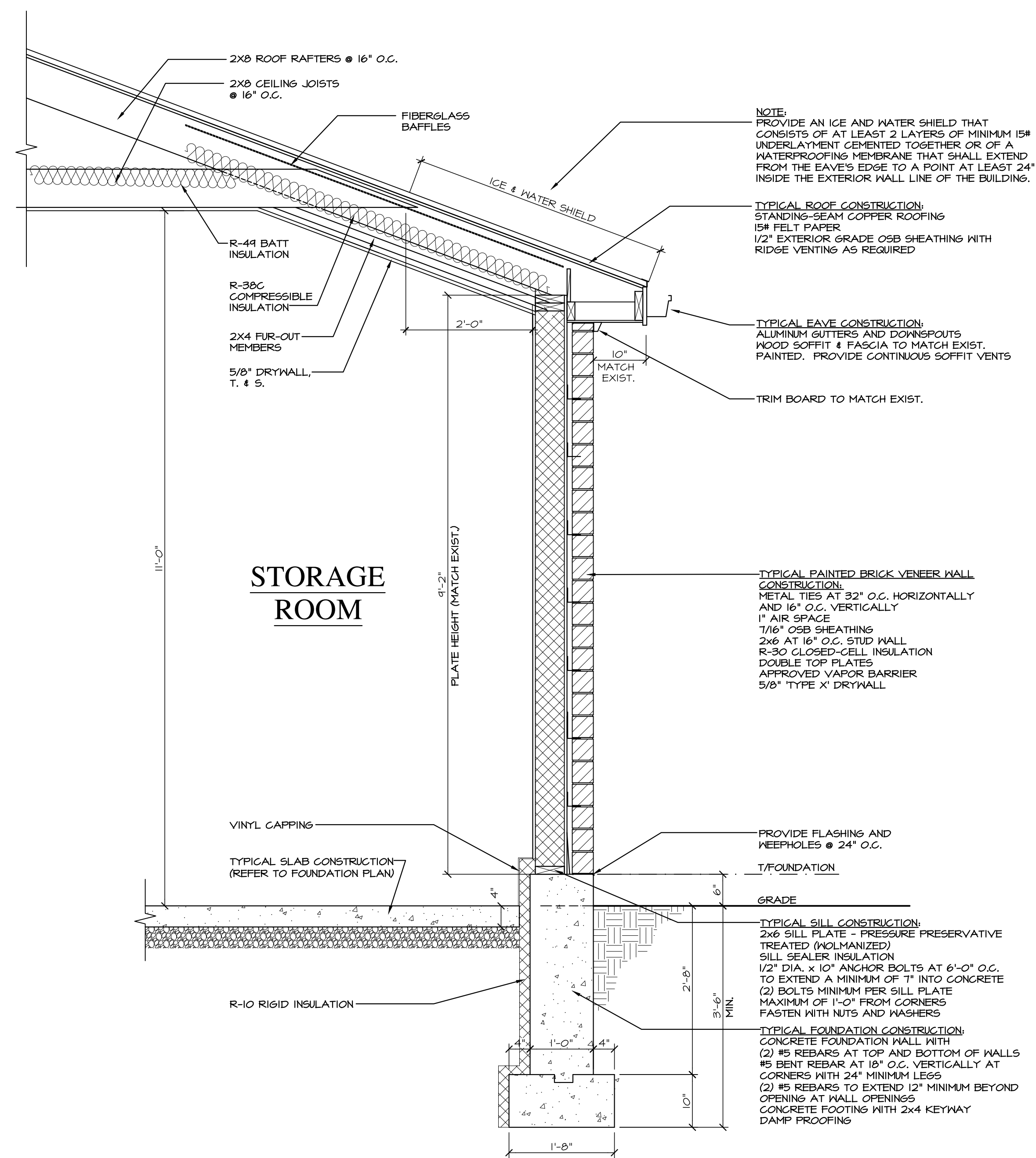


PROJECT # AD24227
 DRAWN BY: DB / MB
 20 FOX LANE
 TITLE SHEET & GEN. NOTES
A 01
 # 1 OF 4 TOTAL SHEETS

1
A 02
SITE PLAN (R-1 ZONING)



NOTE: ALL SCALE DESIGNATIONS ARE FOR SHEETS PRINTED ON 24" x 36" SIZE PAPER. (ARCH-D)



2 TYPICAL WALL SECTION
 A 02

SCALE: 3/4" = 1'-0"

1 ENLARGED SITE PLAN
 A 02

SCALE: 3/16" = 1'-0"

NOTE: ALL SCALE DESIGNATIONS ARE FOR SHEETS PRINTED ON 24" x 36" SIZE PAPER. (ARCH-D)

GARAGE STORAGE ROOM ADDITION
 20 FOX LANE
 WINNETKA, IL. 60093

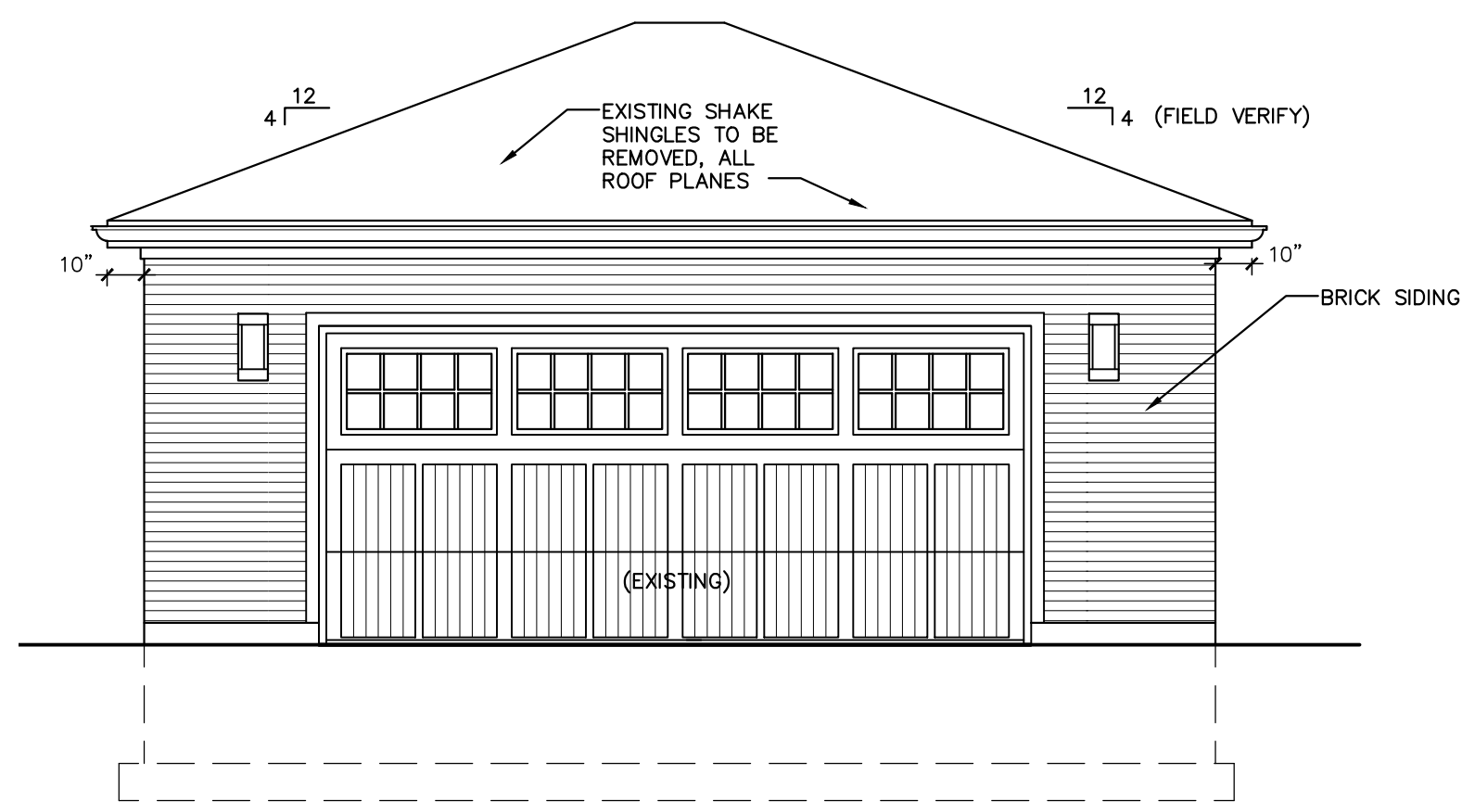
REVIEW	12/04/2024
REVIEW	12/23/2024
FINAL	08/11/2025
REVISED	09/09/2025
REVISED	09/11/2025

PROJECT # AD24227
 DRAWN BY: DB / MB
 20 FOX LANE
 SITE PLAN & WALL SECTION

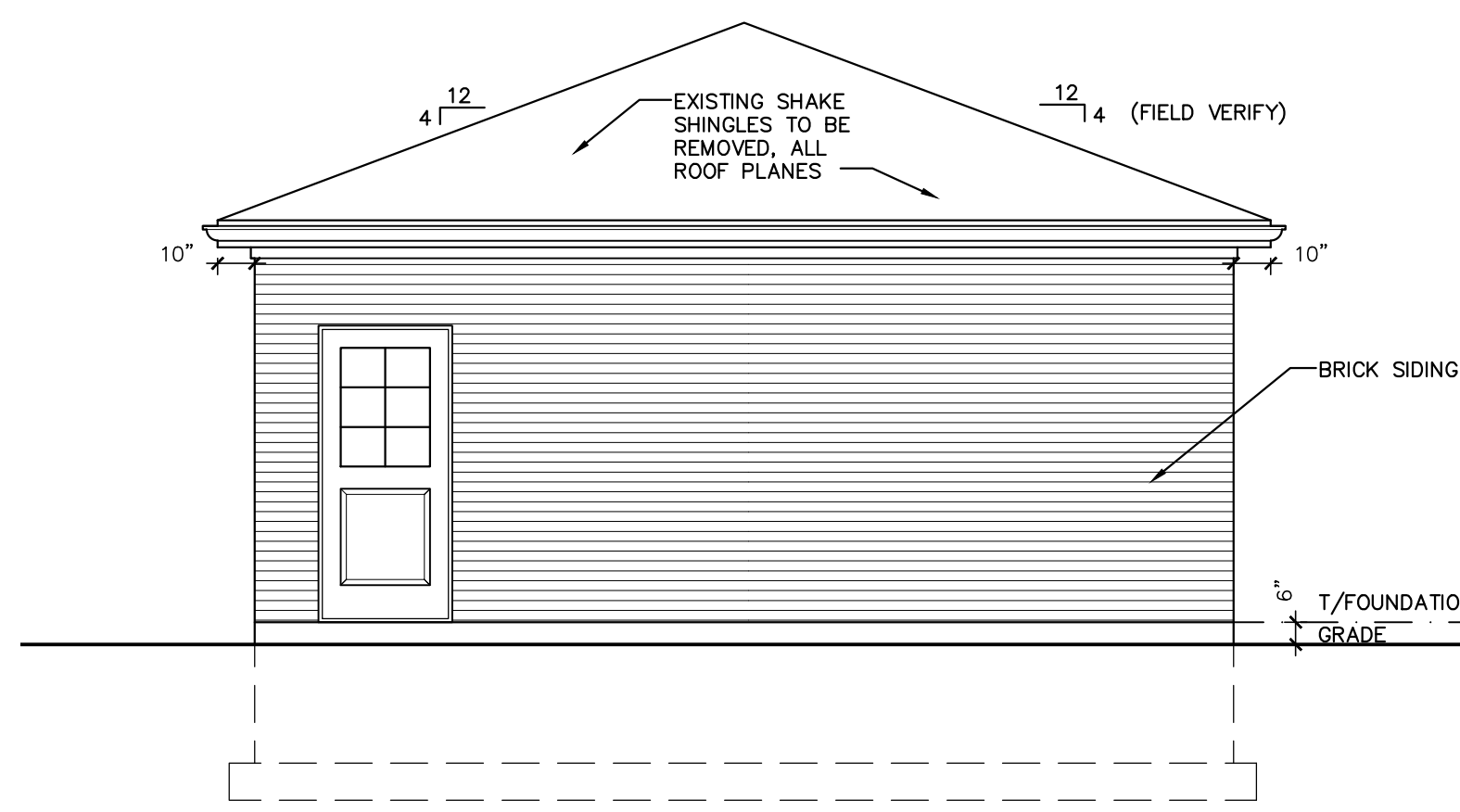
26575 COMMERCE DR. SUITE 607 VOLO, IL 60073 WWW.ASPECTDESIGNINC.COM IL LICENSE # 184-00154
--

ASPECT DESIGN INC.
 ARCHITECTS

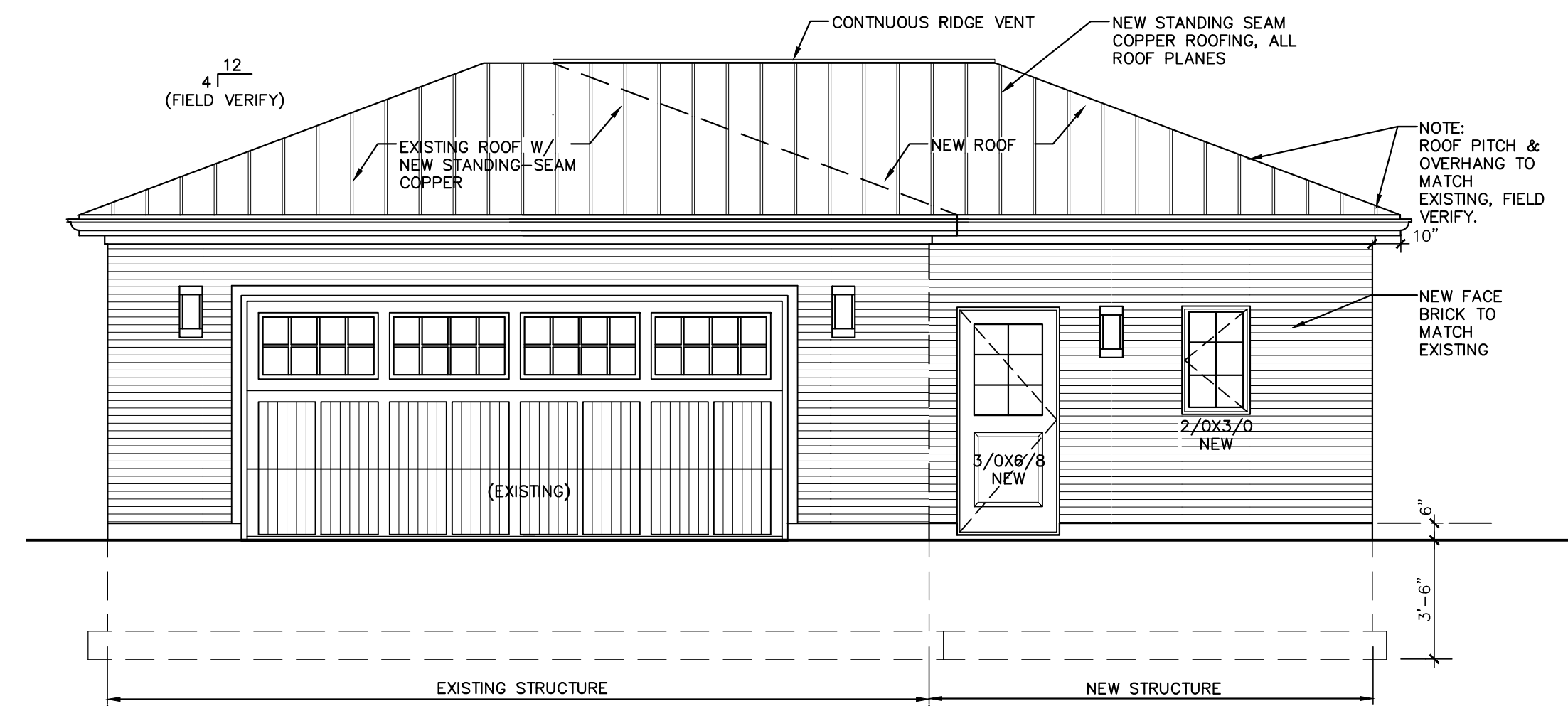
PROJECT # AD24227
 DRAWN BY: DB / MB
 20 FOX LANE
 SITE PLAN & WALL SECTION
A 02
 # 2 OF 4 TOTAL SHEETS



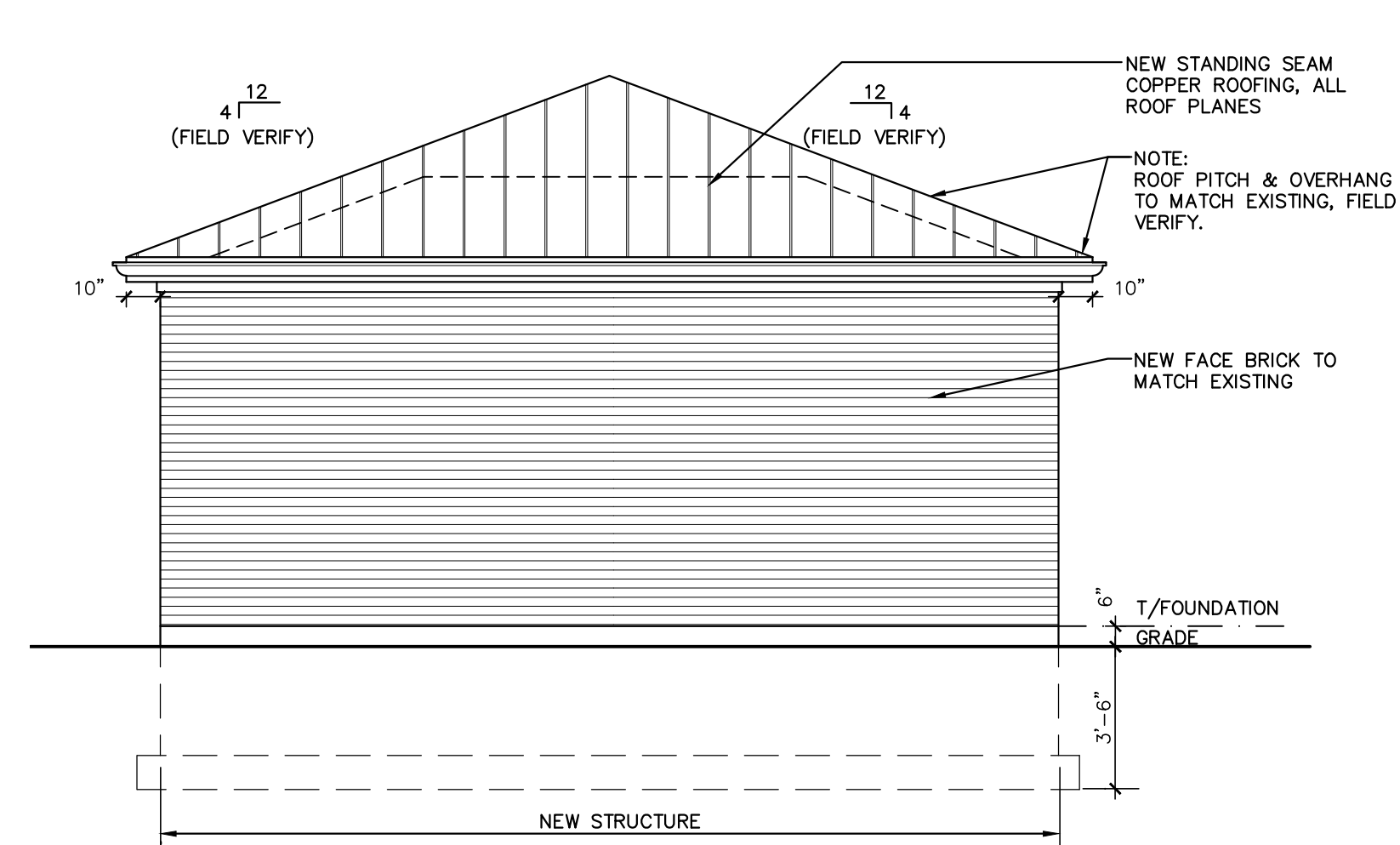
1 WEST ELEVATION (EXISTING)
A 03 SCALE: 1/4" = 1'-0"



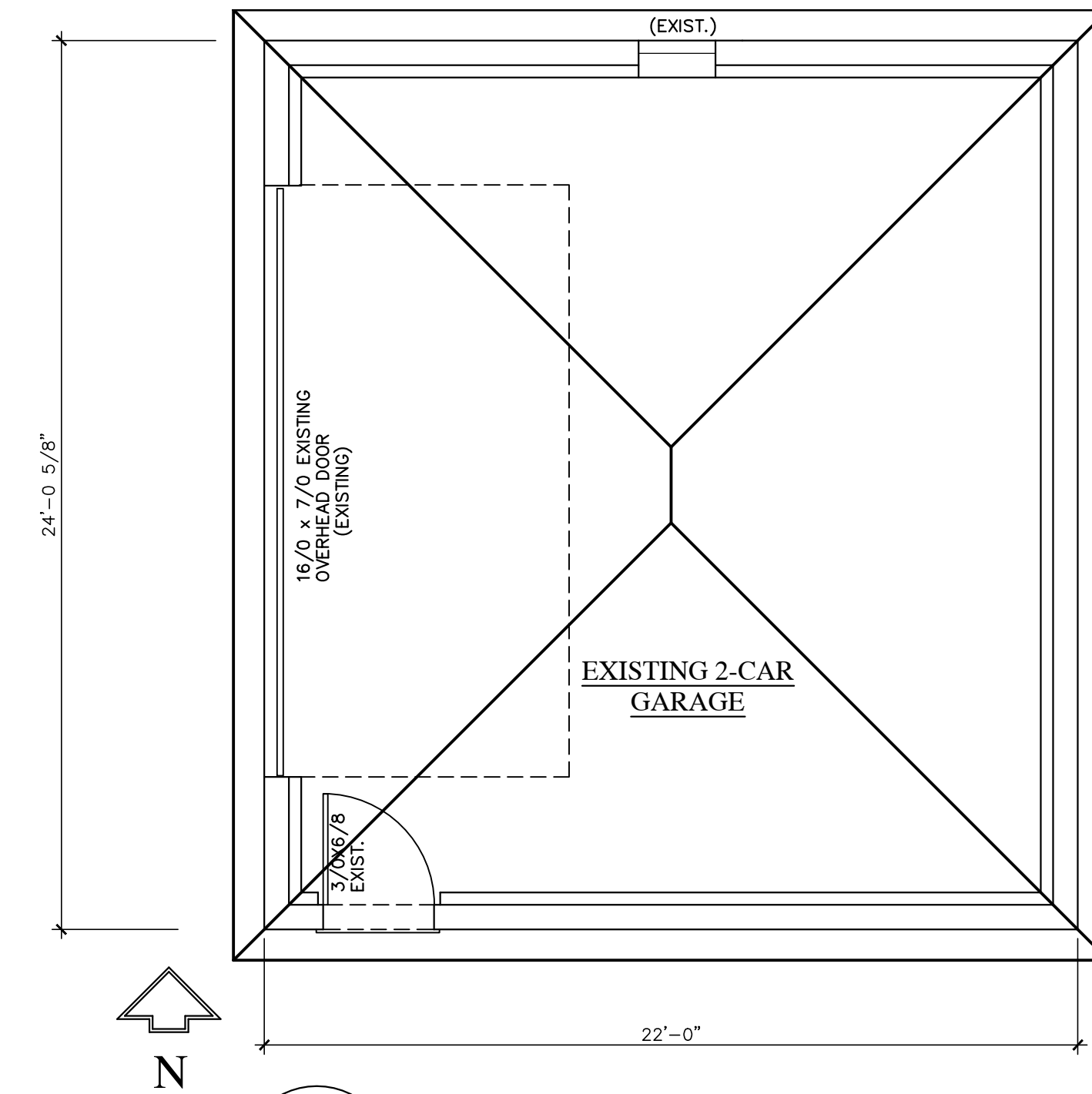
2 SOUTH ELEVATION (EXISTING)
A 03 SCALE: 1/4" = 1'-0"



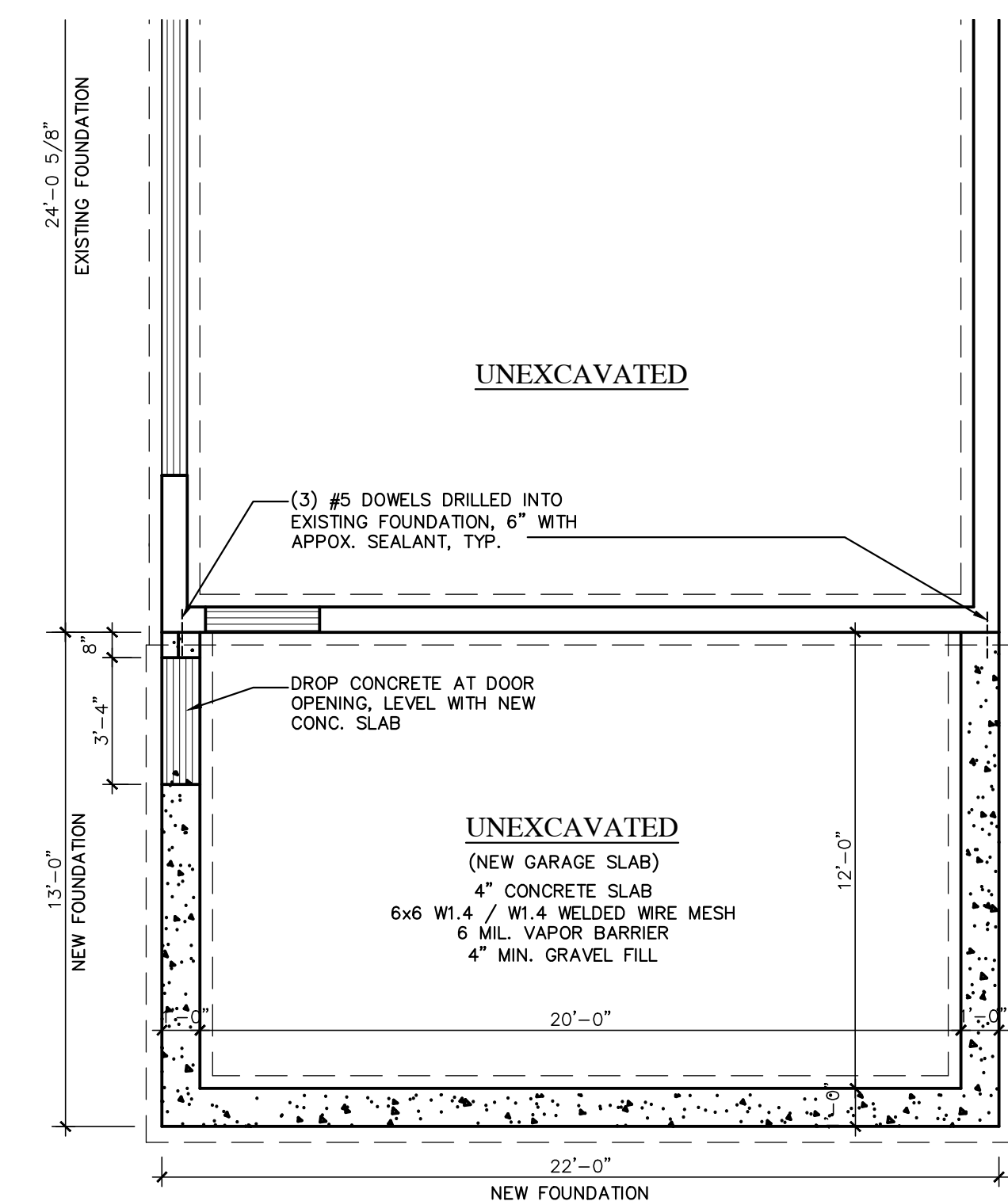
3 WEST ELEVATION (PROPOSED)
A 03 SCALE: 1/4" = 1'-0"



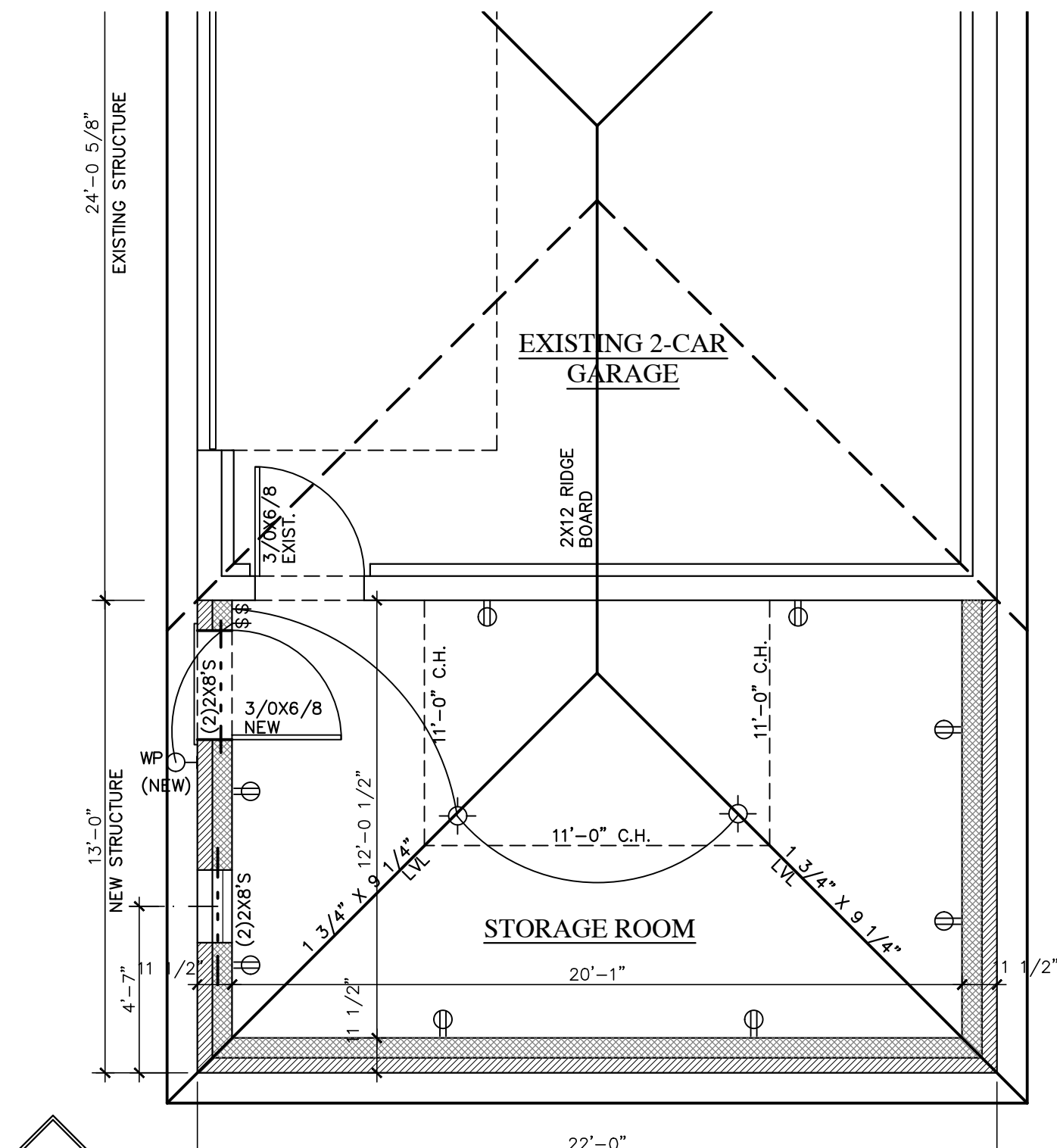
4 SOUTH ELEVATION (PROPOSED)
A 03 SCALE: 1/4" = 1'-0"



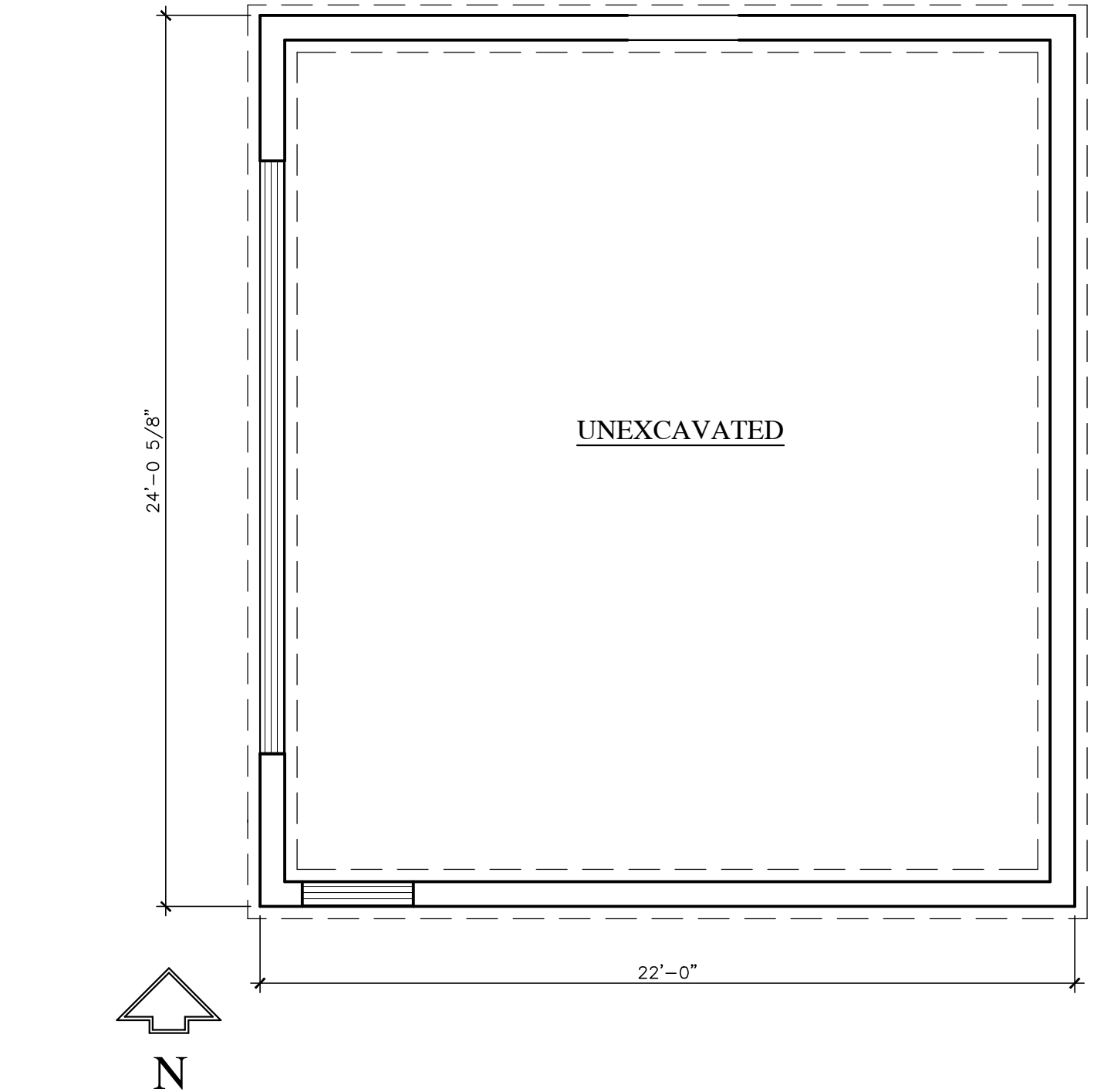
7 FLOOR PLAN (EXISTING)
A 03 SCALE: 1/4" = 1'-0"



10 PROPOSED FOUNDATION PLAN



9 PROPOSED FLOOR PLAN



8 FOUNDATION PLAN (EXISTING)
A 03 SCALE: 1/4" = 1'-0"

5 FOUNDATION PLAN (PROPOSED)
A 03 SCALE: 1/4" = 1'-0"

6 FLOOR PLAN (PROPOSED)
A 03 SCALE: 1/4" = 1'-0"

NOTE: ALL SCALE DESIGNATIONS ARE FOR SHEETS PRINTED ON 24" x 36" SIZE PAPER. (ARCH-D)

PROJECT # AD24227

DRAWN BY: DB
20 FOX LANE
ELEVATIONS & PLANS

REVIEW: 12/04/2024
REVIEW: 12/23/2024
FINAL: 08/11/2025

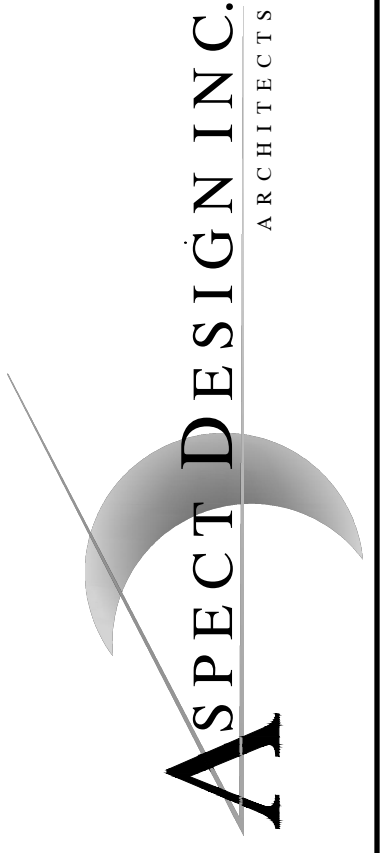
26575 COMMERCE DR.
SUITE 607
VOLO, IL 60073
MAIN: 847-457-2500
WWW.ASPECTDESIGNINC.COM
IL LICENSE # 184-000154

ASPECT DESIGN INC.
ARCHITECTS

A 03
3 OF 3 TOTAL SHEETS

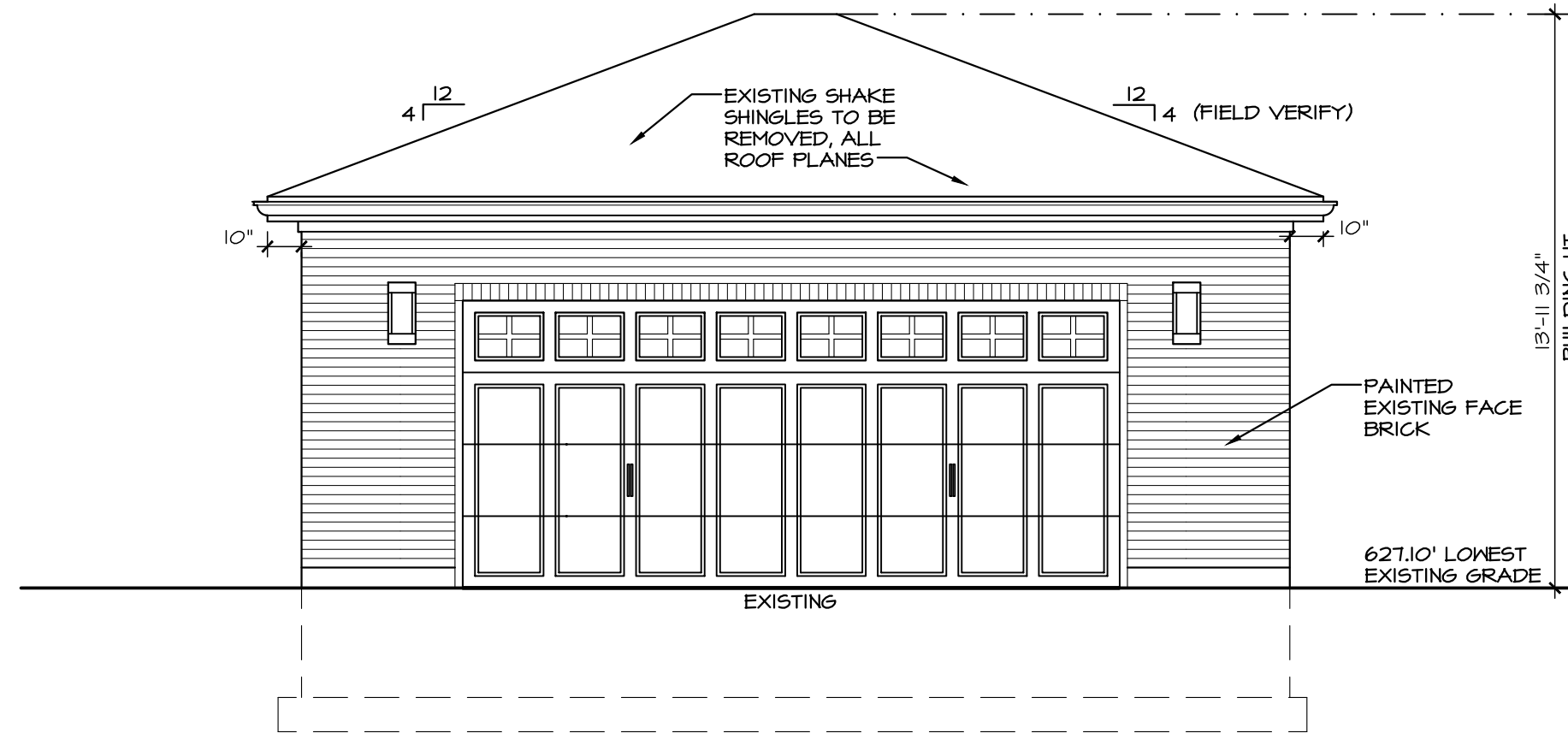
REVIEW	12/04/2024
REVIEW	12/23/2024
FINAL	08/11/2025
REVISED	09/09/2025
REVISED	09/11/2025

26575 COMMERCE DR.
SUITE 607
VOLO, IL. 60073
MAIN: 847-457-2500
WWW.ASPECTDESIGNINC.COM
IL LICENSE # 184-00154

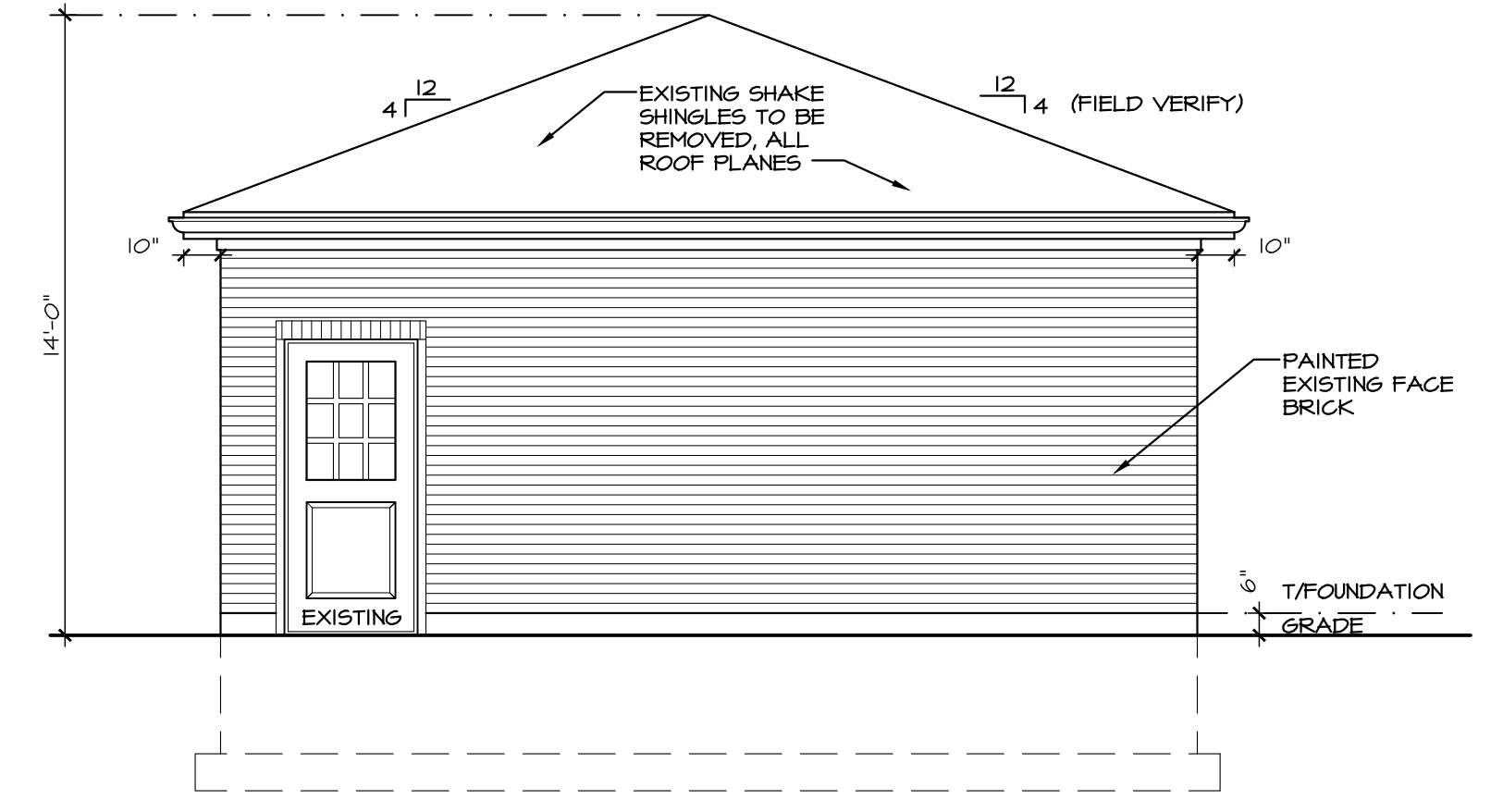


PROJECT # AD24227
DRAWN BY: DB / MB
20 FOX LANE
EXTERIOR ELEVATIONS

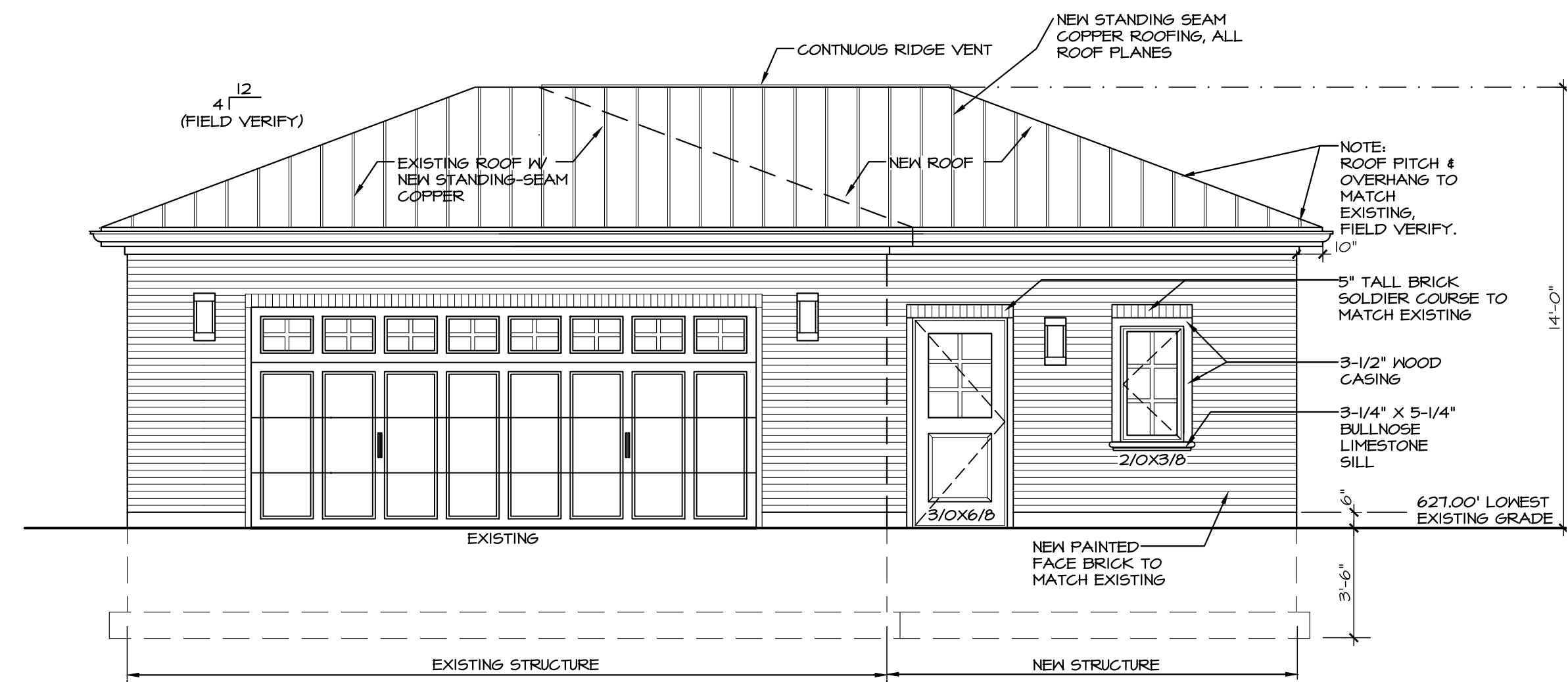
A 04
4 OF 4 TOTAL SHEETS



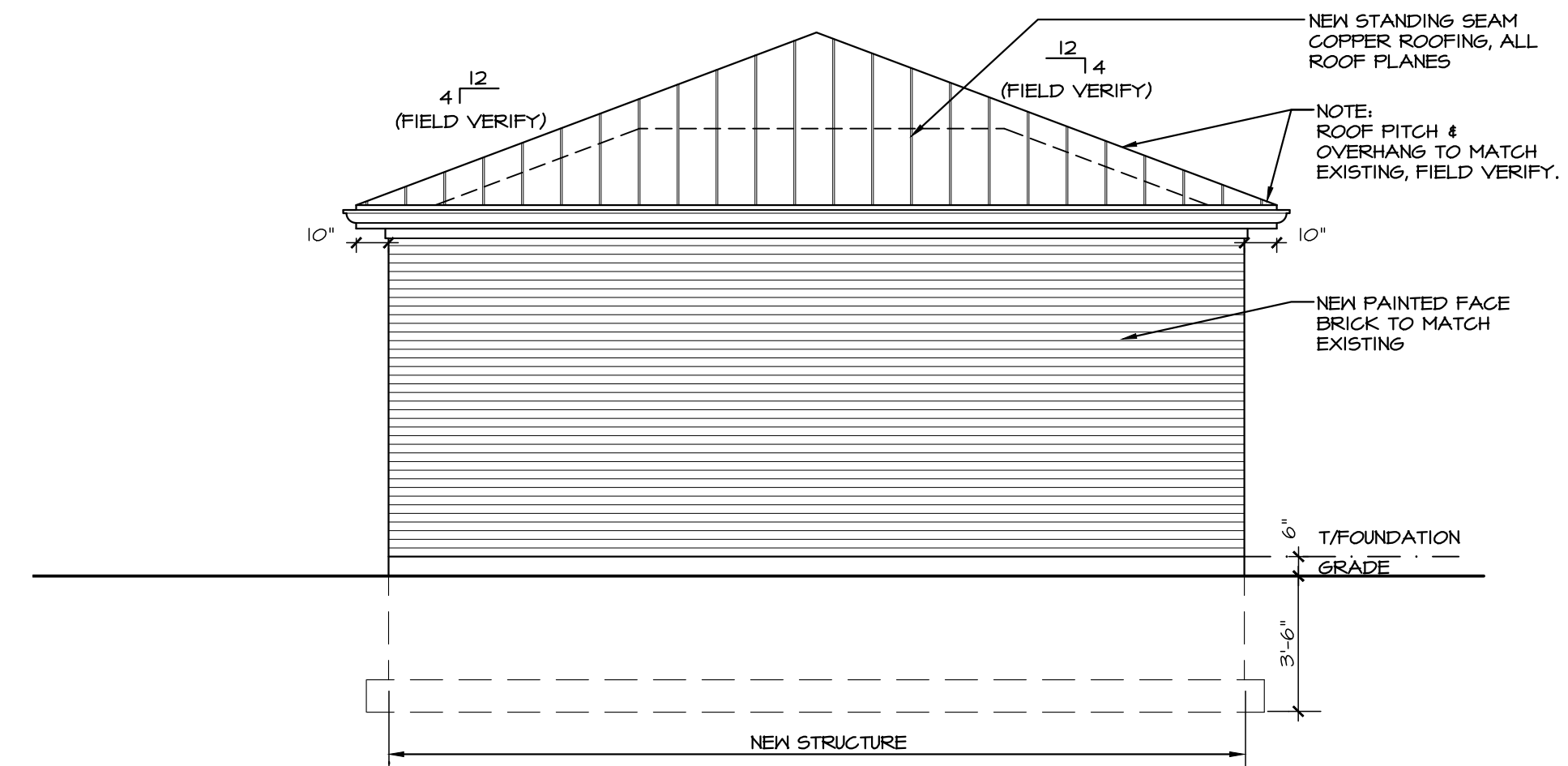
4 WEST ELEVATION (EXISTING)
A 04 SCALE: 1/4" = 1'-0"



2 SOUTH ELEVATION (EXISTING)
A 04 SCALE: 1/4" = 1'-0"



3 WEST ELEVATION (PROPOSED)
A 04 SCALE: 1/4" = 1'-0"



1 SOUTH ELEVATION (PROPOSED)
A 04 SCALE: 1/4" = 1'-0"

NOTE: ALL SCALE DESIGNATIONS ARE FOR SHEETS PRINTED ON 24" x 36" SIZE PAPER. (ARCH-D)



UPLOAD A PHOTO

SW 7551 SW 7009 SW 7013 SW 7042 SW 7010 SW 7011 SW 7637

SAVE

SW 7551 Greek Villa

FULL DETAILS

This sunny white comes to life in natural light. Use it to brighten any space or try it on trim to make other colors pop.

Get this color in a:

- Color Sample
- Paint Sample
- Interior Paint
- Exterior Paint

Actual color may vary from on-screen representation. To confirm your color choices prior to purchase, please view a physical color sample.

Coordinating Colors

Illusive Green
SW 9164

In the Navy
SW 9178

Search for a color Explore color families Designer Color Collection View entire color wall

Pure + Pristine

SW 7551
Greek Villa

Order samples

Minimal + Modern

Warm + Welcoming Rustic + Refined Classic + Collected



BEDROOM

LIVING ROOM

KITCHEN

BATHROOM

EXTERIOR



Home (<https://northshoresheetmetals.com/>) / Roofing (<https://northshoresheetmetals.com/category/roofing/>) / Standing seam mechanical lock
(<https://northshoresheetmetals.com/category/roofing/standing-seam-mechanical-lock/>) / 16 oz / 20 oz Copper Mechanical Lock Standing Seam Metal Roofing Panels (1 ft long)

16 oz / 20 oz Copper Mechanical Lock Standing Seam Metal Roofing Panels (1 ft long)



(https://northshoresheetmetals.com/)

Description

Additional information

Material

Choose an option

Seam Height

Choose an option

\$0.00

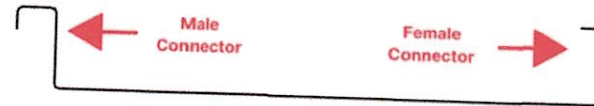
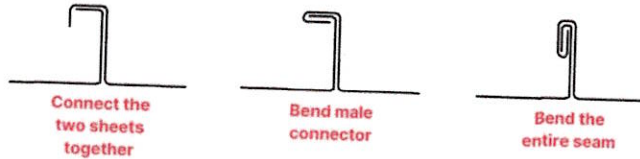
16 oz / 20 oz Copper Mechanical Lock Roofing Panels

Mechanical lock 16 oz / 20 oz copper roofing panels are the perfect solution for roofing contractors and homeowners who want uncompromising durability and tight joints, regardless of building size, roof curvature or architectural style.

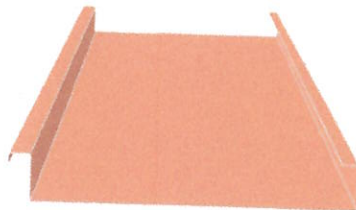
Thanks to the attention to every detail, even the smallest, copper roofing panels are perfect for residential and commercial projects. The use of a three-step assembly scheme allows for the rapid installation of successive components with a slot crimping speed of up to 120 linear feet per minute. Thanks to top-of-the-line tools, we have also been able to significantly increase the degree of precision - dimensional tolerances in some cases are less than 0.01".

With the right adhesive, 0.022"/0.027" copper mechanical seam roofing panels can delight the user for up to 60 years of trouble-free service. Although the more complicated installation system requires greater skill and specialized tools, it will repay with above-average durability and less susceptibility to bending over time.

When you choose mechanically seamed copper roofing panels, you get the perfect compromise between high quality workmanship, above-average durability, a wide range of available designs and colors, and price. You don't have to worry about the details - the engineers at North Shore Sheet Metals have already taken care of them and done it better than anyone else could.



0.022" / 0.027" Copper Standing Seam Mechanical Lock Panels - the Perfect Choice for Roofing Professionals



The engineering team at North Shore Sheet Metals is not in the business of creating technology that no one has ever seen. Instead, we strive to refine already known and proven solutions to perfection. As a result, our flashings, metal roofing panels, gutters and fascia panels impress with their quality, while being reliable and favorably priced.

Using the highest quality 16 or 20 gauge copper sheets, our standing seam roofing panels stand out for their above-average quality and durability. The 0.022" or even 0.027" thick copper provides even 200 years of completely trouble-free service and protects both sheathing and underlayment well. Perforation of copper roof is probably impossible, as it's not a corroding metal.

The Mechanical Lock system requires more skill, but repays the favor with noticeably greater durability and reduced risk of leaks. By performing the installation service carefully, you will provide your customer with a barrier that water will not cross, even



after many years.

(<https://northshoresheetmetals.com/>)

How to Use Standing Seam Mechanical Lock Copper Roofing Panels?

\$0.00

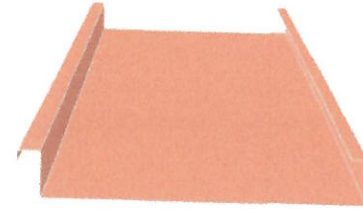
Installing standing seam Mechanical Lock roofing panels might be challenging for unexperienced roofers. However, if you have the right knowledge and tools, this is the type of panels that will allow you to work effectively and efficiently.

We recommend using the mechanical lock roofing system for roofs with a pitch of 3/12 or more. Sheet joints using male and female connectors are very tight and durable, but theoretically speaking, standing water can get through, flooding the sheathing and underlayment. If the roof is adequately steep, this problem does not occur.

In addition, we recommend that you use a slightly thicker sheathing to install this model of roofing panels. The optimal thickness of it is 5/8", not 1/2". This makes the entire roof much more rigid, keeping all the joints, which are sensitive to bending, as tight as possible. The thickness of the roof truss is particularly important for copper roofs, since the sheets used for their installation are incredibly malleable and also very heavy.

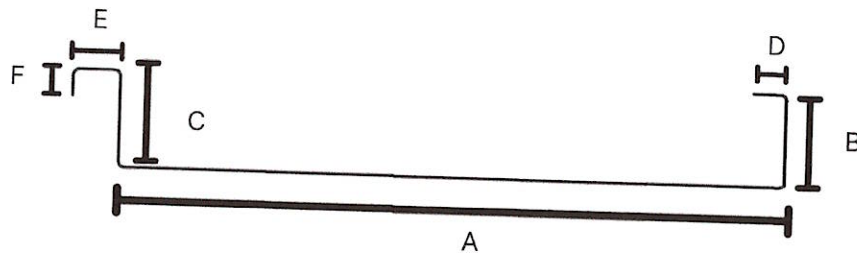
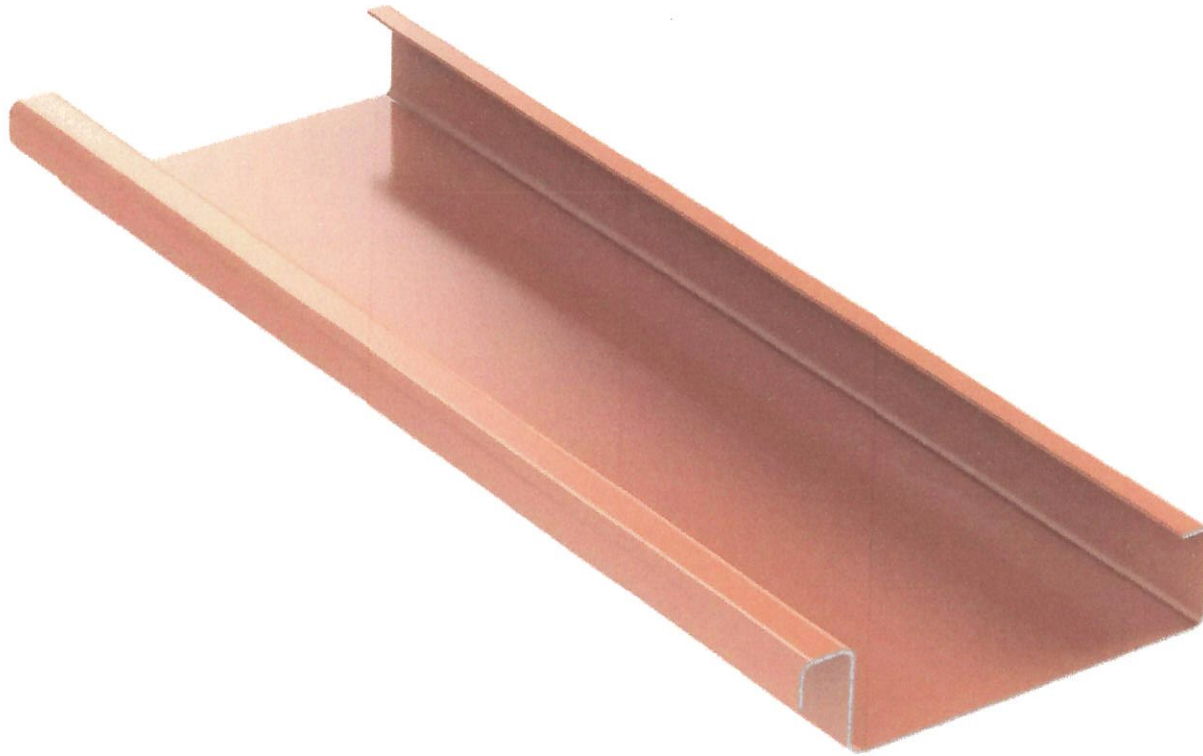
Mechanical lock copper panels, like any sheet metal roofing material, are sometimes noisy. However, noise emissions will be much lower if you use a modern synthetic underlayment with increased thickness, which better absorbs vibrations. An additional advantage of such a solution is better thermal insulation, so lower bills for heating and air conditioning of the house.

All of our roofing panels are made from the highest quality materials, which guarantees trouble-free operation for many years. Copper, unlike steel and aluminum, is completely resistant to corrosion – admittedly, it gets covered with a blue-green oxidation layer, but this does not affect its strength. This makes copper mechanical lock roofing panels incredibly even durable, and under optimal conditions, their service life can last up to 200 years. No other material, not even natural slate or premium-grade terracotta tiles, offers such exalted performance.



16 / 20 Oz Copper Mechanical Lock Roofing Panel

\$0.00 



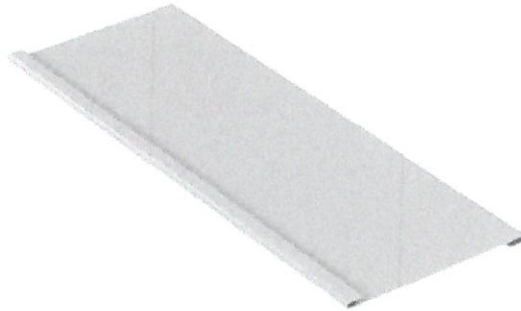


(<https://northshoresheetmetals.com/>)

Related products

17"	1"	1"	0.375"	0.5"	0.4"
15"	1.5"	1.5"	0.375"	0.5"	0.4"

\$0.00

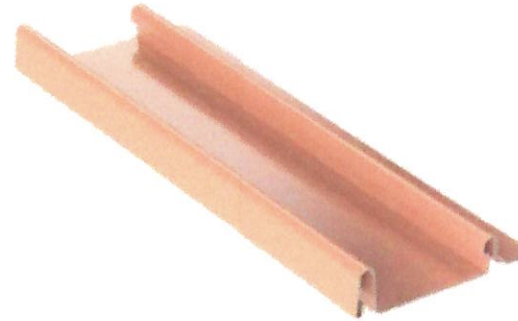


0.025" (24 Ga) Galvalume Steel Flat Lock Roofing Panels (2' x 3')

\$15.50

(<https://northshoresheetmetals.com/product/0-025-24-ga-galvalume-steel-flat-lock-roofing-panels/>)

Select options
(<https://northshoresheetmetals.com/product/0-025-24-ga-galvalume-steel-flat-lock-roofing-panels/>)

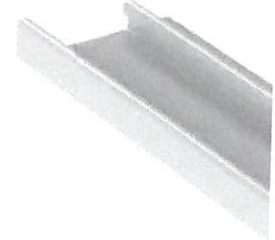


Copper Nail Strip Standing Seam Metal Roofing Panels

\$19.95 – \$32.95

(<https://northshoresheetmetals.com/product/copper-nail-strip-standing-seam-metal-roofing-panels/>)

Select options
(<https://northshoresheetmetals.com/product/copper-nail-strip-standing-seam-metal-roofing-panels/>)



0.025" (24 Ga) Galval Standing Seam Metal

\$7.45 – \$15.95

(<https://northshoresheetmetals.com/product/0-025-24-ga-galvalume-steel-nail-strip-standing-seam-metal-roofing-panels/>)

Select options
(<https://northshoresheetmetals.com/product/0-025-24-ga-galvalume-steel-nail-strip-standing-seam-metal-roofing-panels/>)



Copper D-Style Drip Edge Flashing 10'

\$52.95 – \$64.95

(<https://northshoresheetmetals.com/product/copper-d-style-drip-edge-flashing-10/>)

Select options
(<https://northshoresheetmetals.com/product/copper-d-style-drip-edge-flashing-10/>)

CONTACT US

Do you need **personalized offer?**

Call or write to us – let's talk about what we can do for you!



(tel:8479476797)

CALL FOR SERVICES
(TEL:8479476797)

(847) 947-6797

GET A QUOTE
([HTTP://ABEDWARD.COM/CONTACT](http://ABEDWARD.COM/CONTACT))



One of the oldest Chicagoland's metal roof and metal gutters producer. Over 3,500 projects served.

https://www.facebook.com/sheetmetalcompany/?locale=cx_PH



Our Company

Northshore Sheet Metals

ABM Distributing, Inc.
418 Mercantile Ct.
Wheeling, IL 60090

☎ (847) 947-6797(tel:(847)9476797)

📠 Fax: (847) 827-1812

Hours of Operation

Monday – Friday: 7AM – 4PM

Saturday: Appts Only

Sunday: Closed

\$0.00

© 2003-2025 A.B. Edward Enterprises, Inc.

Proudly powered by Advicomp
(<https://www.advicomp.com/>)