



11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2924
Fax: 262-242-9655

www.ci.mequon.wi.us

Inspection Department

ARCHITECTURAL BOARD
Monday, August 12, 2024
6:00 PM
City Hall – Lower Conference Room

Agenda

After Architectural Board approval, please call the Building Inspection's Office at (262-236-2924) to schedule issuance of the building permit.

It is advisable that someone is present to represent your building permit application.

ALL TIMES LISTED ARE APPROXIMATE AND IT IS STRONGLY RECOMMENDED THAT APPLICANT(S) **ARRIVE AT 6:00 PM AT THE START OF THE MEETING TO ENSURE THAT YOU ARE AVAILABLE WHEN YOUR ITEM IS DISCUSSED.**

Enter at the East or West (Elevator) Entrance - Reasonable accommodation will be made for those citizens who are unable to attend the meeting in the methods identified above upon at least two hours' notice. Notice can be given to the City Clerk's Office at 262-236-2914.

I) **Call to Order**

II) **Approval of Meeting Minutes**

Action requested: review and approve

1. Meeting Minutes from July 8, 2024

III) **Architectural Board Applications**

- | | |
|---|--|
| 1. Adam & Talia Aringer
10129 N. Kenilworth Court
Subdivision: Parkside
District 8 – 6:00 pm | Garage Addition

Contractor: Ironwood Builders
Architect: Ironwood Builders |
| 2. Scott Woehl
724 W. Auburn Court
Subdivision: Maplefield Estates
District 8 – 6:10 pm | New Outbuilding

Contractor: Fein Design
Architect: Rory Palubiski |
| 3. Brian & Carly Borchert
8110 W. Bonniwell Road
Subdivision: N/A
District 1 – 6:20 pm | Sunroom Addition

Contractor: Paradise Remodeling
Architect: Fritsch Designs LLC |
| 4. James Collins
14149 N. Davis Road
Subdivision: N/A
District 1 – 6:30 pm | New Outbuilding

Contractor: Owner
Architect: Menards |
| 5. Don & Mary McLean
3761 W. Club Circle
Subdivision: The Green at Mequon
District 2 – 6:40 pm | New Single-Family Residence

Contractor: Mikkelson Builders
Architect: Fred Dahms |

6. Veridian Homes LLC
8001 W. Preserve Parkway
Subdivision: The Enclave
District 3 – 6:45 pm

New Single-Family Residence

Contractor: Veridian Homes LLC
Architect: Veridian Homes LLC

7. Mary Fowlkes
11217 N. Shorecliff Lane
Subdivision: Twin Elm
District 5 – 6:50 pm

Three Season Room Addition

Contractor: Bear Builders LLC
Architect: Bear Builders LLC

8. Daniel & Olga Mikesh
1534 W. County Line Road
Subdivision: N/A
District 7 – 7:00 pm

Three Season Room Addition

Contractor: Bear Builders LLC
Architect: Bear Builders LLC

IV) **Adjourn**

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.



11333 N. Cedarburg Road
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Fax: 262-242-9655

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Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Meeting Minutes from July 8, 2024

Attachments:
7.8 (PDF)



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11333 N. Cedarburg Road
Mequon, Wisconsin 53092
Phone: (262) 236-2924
Fax: (262) 242-9818

INSPECTION DIVISION

ARCHITECTURAL BOARD MINUTES

Monday, July 8, 2024

6:00 PM

Lower-Level Conference Room

Minutes

1. Call to Order, Roll Call:

Present: Chairman Scott Reed

Members at Large: Paul Apfelbach, Michael Wade, Janet Ehn

Building Inspector: Greg Golden

2. Meeting Minutes

Minutes from the June 10, 2024, meeting were approved by Vice-Chairman Paul Apfelbach and seconded by District Representative Michael Wade.

Minutes passed unanimously.

Attachment: 7.8 (9577 : Meeting Minutes from July 8, 2024)

3. Application Submittals:

No.	Alder. District /Time	Type of App	Owner(s) / Project Address	Contractor
1)	Dist. 7 6:00 pm	New Single-Family Residence	Daren & Krista Diiorio 10723 N. Torrey Drive Subd: Torrey Drive Estates	Contractor: Victory Homes Architect: David Pluim
Moved to Approve: <u>Apfelbach</u> Seconded by: <u>Ehn</u> Approved: <u>Yes</u> Vote: <u>Unanimous</u> Conditions: Plan approved as submitted.				
2)	Dist. 7 6:05 pm	New Single-Family Residence	Jamie & Demetrios Georgacopoulos 3535 W. Torrey Drive Subd: Torrey Drive Estates	Contractor: Victory Homes Architect: David Pluim
Moved to Approve: <u>Ehn</u> Seconded by: <u>Reed</u> Approved: <u>Yes</u> Vote: <u>Unanimous</u> Conditions: Plan approved as submitted with the following condition that a single window is added to the second-floor bedroom on the right elevation.				
3)	Dist. 1 6:10 pm	New Single-Family Residence	Brent Hamm & Rachel Miller 13771 N. Pine View Court Subd: Riverland Estates	Contractor: Anderson Homes Architect: Anderson Homes
Moved to Approve: <u>Reed</u> Seconded by: <u>Apfelbach</u> Approved: <u>Yes</u> Vote: <u>Unanimous</u> Conditions: Plan approved as submitted.				

Attachment: 7.8 (9577 : Meeting Minutes from July 8, 2024)

4)	Dist. 1 6:15 pm	Addition: Attached Garage	William & Joann Pennington 7033 W. Overlook Court Subd: Highland Ridge	Contractor: TBD Architect: Deep River Partners
Moved to Approve: <u>Apfelbach</u> Seconded by: <u>Ehn</u> Approved: <u>Yes</u> Vote: <u>Unanimous</u> Conditions: Plan approved as submitted with the condition that all windows are consistent; either grids or no grids on windows for the entire house.				

4. **Action:**

Vice-Chairman Paul Apfelbach made a motion to adjourn the meeting.
Chairman Scott Reed seconded the motion.

A vote was taken; vote passed unanimously.

Meeting adjourned at 6:13 p.m.



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Fax: 262-242-9655

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Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Adam & Talia Aringer - Garage Addition at 10129 N. Kenilworth Court

Attachments:

Statement of Intent (PDF)

Survey (PDF)

Pictures (PDF)

Plans (PDF)



Aringer Residence
10129 N Kenilworth Court
Mequon, WI 53092

Statement of Intent

This project is a proposed garage addition and interior remodel of the laundry room space. Site conditions are generally flat, and the addition will replace a portion of the existing driveway. The new addition will encroach the zoning setbacks, but a deed restriction is being filed between the homeowner and the neighbor to grant this encroachment. The design rationale for this project is to expand the current interior floor plan and garage.

Attachment: Statement of Intent (9579 : Adam & Talia Aringer)

PLAT OF SURVEY

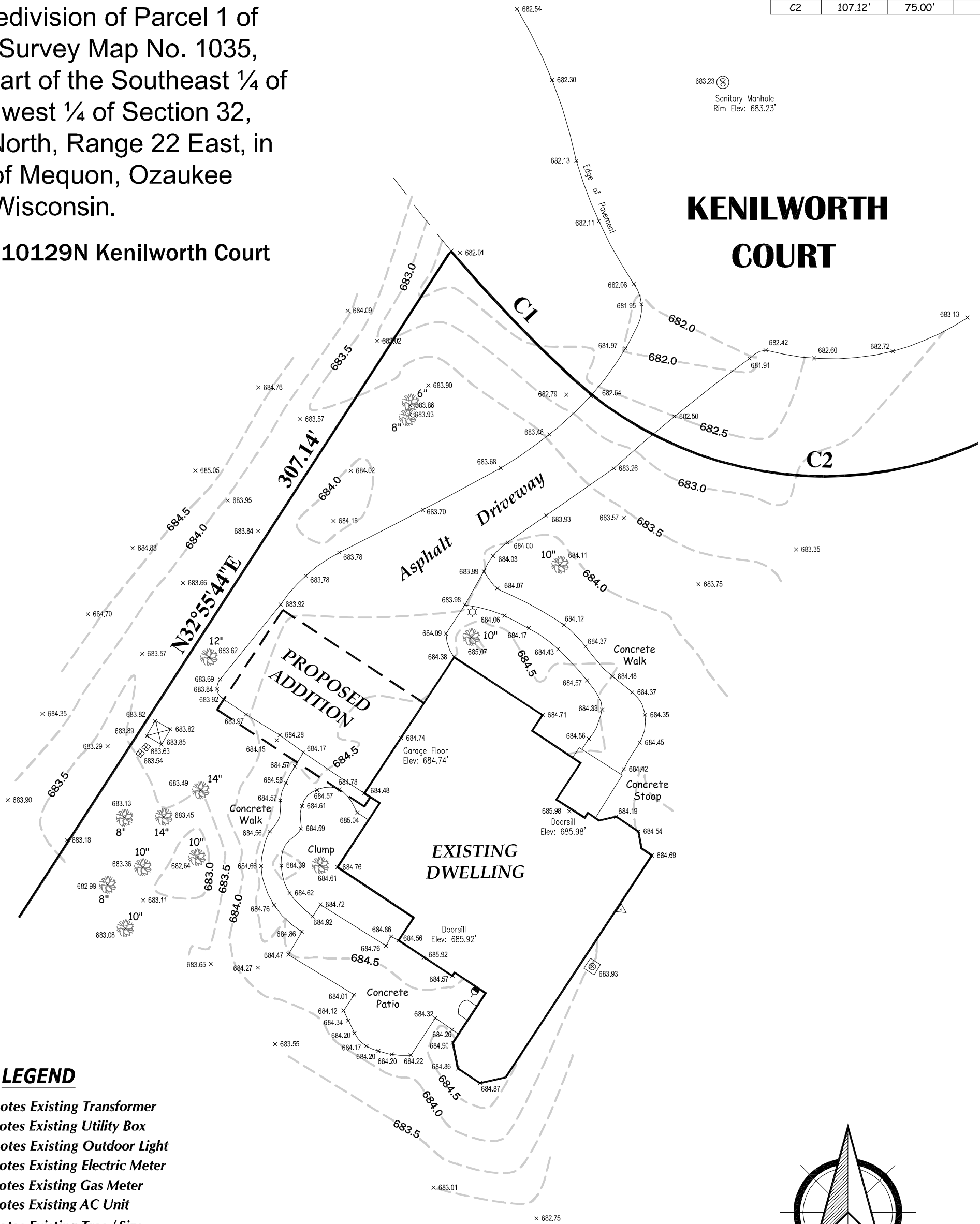
LOT 3, PARKSIDE SUBDIVISION,
being a redivision of Parcel 1 of
Certified Survey Map No. 1035,
being a part of the Southeast ¼ of
the Northwest ¼ of Section 32,
Town 9 North, Range 22 East, in
the City of Mequon, Ozaukee
County, Wisconsin.

Address : 10129N Kenilworth Court



MARC C. PASSARELLI P.L.S.
2554 N. 100TH STREET
P.O. BOX 26596
WAUWATOSA, WISCONSIN 53226
(414) 257-2212 FAX : (414) 257-2443
sai@wi.rr.com

CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH	DELTA
C1	35.20'	279.22'	S43°39'30.5"E	35.18'	7°13'27"
C2	107.12'	75.00'	S88°11'16.5"E	98.25'	81°50'05"

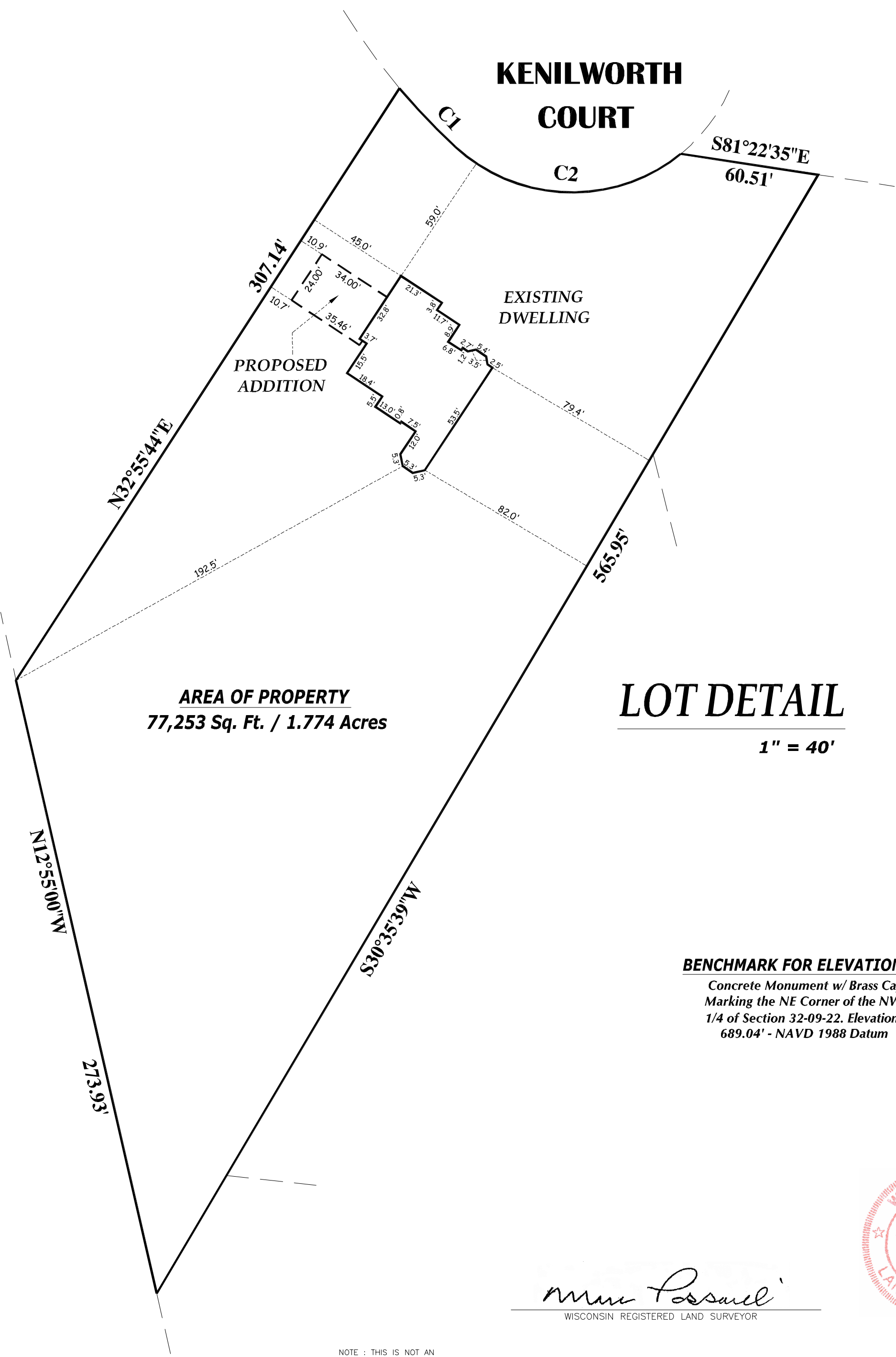
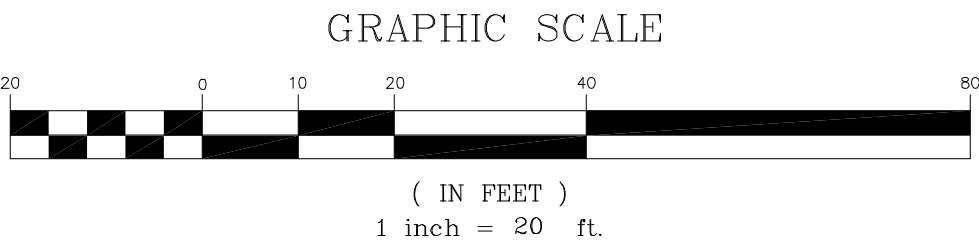


- LEGEND**
- Denotes Existing Transformer
 - Denotes Existing Utility Box
 - Denotes Existing Outdoor Light
 - Denotes Existing Electric Meter
 - Denotes Existing Gas Meter
 - Denotes Existing AC Unit
 - Denotes Existing Tree / Size
 - Denotes Existing Spot Grade

SURVEYED FOR : **IRONWOOD BUILDERS**

"I have surveyed the above described property and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location and dimensions of all structures thereon, fences, apparent easements and roadways and visible encroachments, if any.

"This survey is made for the exclusive use of the present owners of the property, and also those who purchase, mortgage, or guarantee the title thereto within one (1) year from date hereof; and as to them I warrant the accuracy of said survey map.



LOT DETAIL
1" = 40'

BENCHMARK FOR ELEVATIONS :
Concrete Monument w/ Brass Cap
Marking the NE Corner of the NW
1/4 of Section 32-09-22. Elevation:
689.04' - NAVD 1988 Datum

Marc Passarelli
WISCONSIN REGISTERED LAND SURVEYOR



NOTE : THIS IS NOT AN
ORIGINAL SURVEY UNLESS
THIS SEAL IS RED.

05/31/2024	JE	06/13/2024	MCP	36797
FIELD WORK DATE	FIELD WORK BY	DATE DRAFTED	DRAFTED BY	JOB NUMBER



FRONT ELEVATION

Attachment: Pictures (9579 : Adam & Talia Aringer)

IRONWOOD BUILDERS
 DESIGN • BUILD • REMODEL
 303 Commerce Street
 Waukesha, WI 53186
 www.ironwoodprocabinets.com
 (414) 943-0200

0	07/11/2024
Rev. No.	Date
Drawn By	DST

Sheet Title	FRONT ELEVATION
Project Information	ARINGER RESIDENCE GARAGE ADDITION 10129 N. KENILWORTH COURT MEQUON, WI 53092

Sheet No.	P1
Packet Pg. 11	



Attachment: Pictures (9579 : Adam & Talia Aringer)

SIDE ELEVATION (N)

 IRONWOOD BUILDERS DESIGN • BUILD • REMODEL 303 Commerce Street Waukesha, WI 53186 www.ironwoodprocabinets.com (414) 943-0200			Sheet Title	SIDE ELEVATION (N)	Sheet No. P2 Packet Pg. 12
			Project Information	ARINGER RESIDENCE GARAGE ADDITION 10129 N. KENILWORTH COURT MEQUON, WI 53092	
	0	07/11/2024			
	Rev. No.	Date			
	Drawn By	DST			



Attachment: Pictures (9579 : Adam & Talia Aringer)

REAR ELEVATION

IRONWOOD BUILDERS
DESIGN • BUILD • REMODEL
303 Commerce Street
Waukesha, WI 53186
www.ironwoodprocabinets.com
(414) 943-0200

0	07/11/2024
Rev. No.	Date
Drawn By	DST

Sheet Title	REAR ELEVATION
Project Information	ARINGER RESIDENCE GARAGE ADDITION 10129 N. KENILWORTH COURT MEQUON, WI 53092

Sheet No.	P3
Packet Pg. 13	



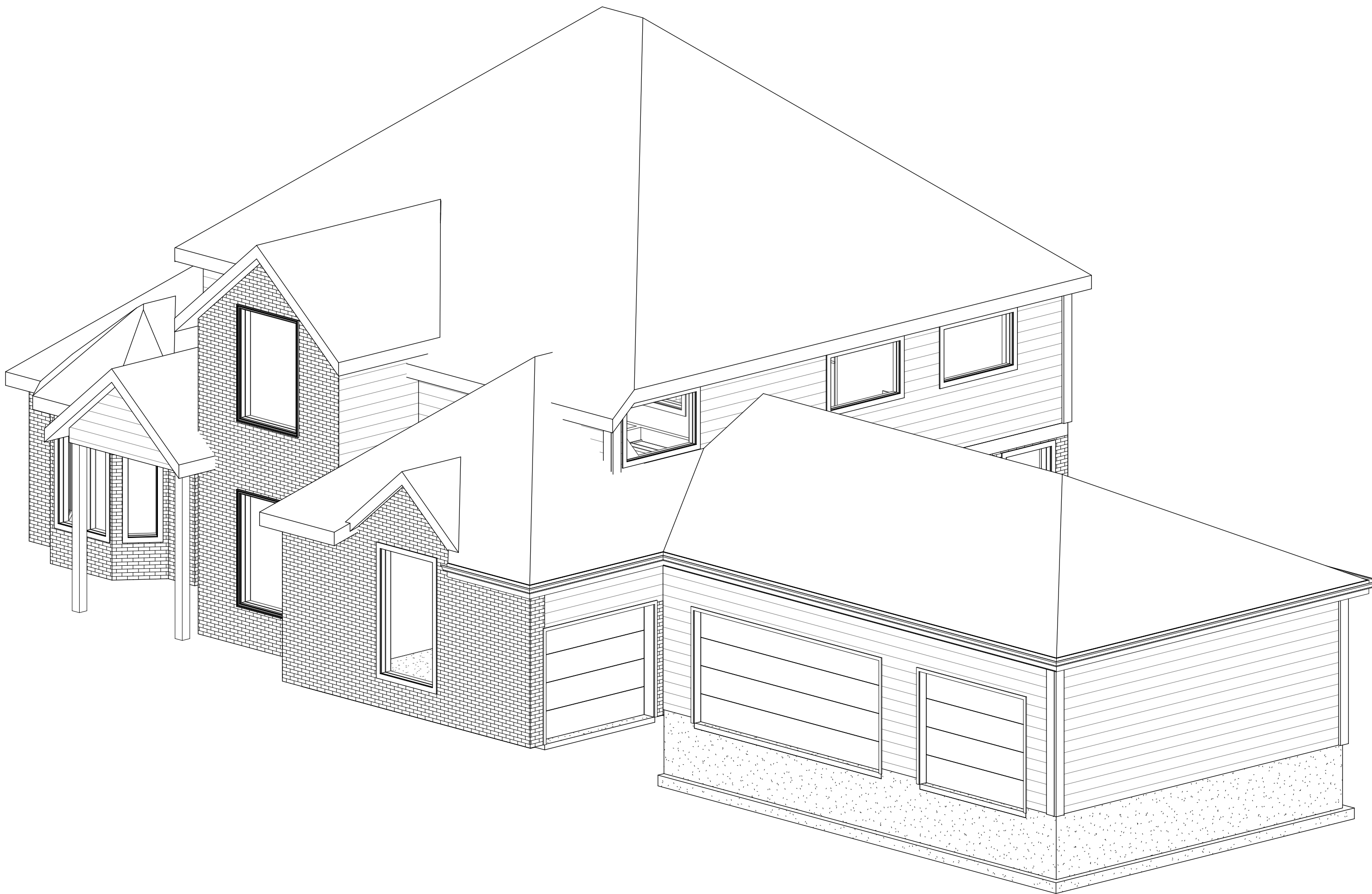
SIDE ELEVATION (S)

Attachment: Pictures (9579 : Adam & Talia Aringer)

0	07/11/2024
Rev. No.	Date
Drawn By	DST

Sheet Title	SIDE ELEVATION (S)
Project Information	ARINGER RESIDENCE GARAGE ADDITION 10129 N. KENILWORTH COURT MEQUON, WI 53092

10129 N KENILWORTH COURT
MEQUON, WI 53092



SHEET	NAME	DATE	REV	STATUS/DESCRIPTION
A0	TITLE SHEET AND DRAWING INDEX	07/11/2024	2	REVISED AS NOTED. ISSUED FOR PERMIT
A1	FOUNDATION PLAN	07/11/2024	2	ISSUED FOR PERMIT
A2	FIRST FLOOR PLAN	07/11/2024	2	REVISED AS NOTED. ISSUED FOR PERMIT
A3	ROOF PLAN	05/30/2024	1	ISSUED FOR PERMIT. REVISED AS NOTED
A4	SITE PLAN	07/11/2024	2	REVISED AS NOTED. ISSUED FOR PERMIT
A5	INTERIOR ISOMETRIC	07/11/2024	0	ISSUED FOR PERMIT
A10	ELEVATIONS	07/11/2024	2	REVISED AS NOTED. ISSUED FOR PERMIT
A11	ELEVATIONS AND SECTIONS	07/11/2024	1	REVISED AS NOTED. ISSUED FOR PERMIT

ARINGER RESIDENCE
GARAGE ADDITION

10129 N KENILWORTH COURT
MEQUON WI 53092

Project Information

TITLE SHEET AND DRAWING INDEX

Attachment: Plans (9579 : Adam & Talia Aringer)

Sheet Title

2	07/11/2024
1	05/30/2024
0	05/15/2024

Drawn By	
Sheet No	

A0

Status

REVISED AS
NOTED ISSUED
Packet Pg. 1



ARINGER RESIDENCE

GARAGE ADDITION

10129 N KENILWORTH COURT
MEQUON, WI 53092

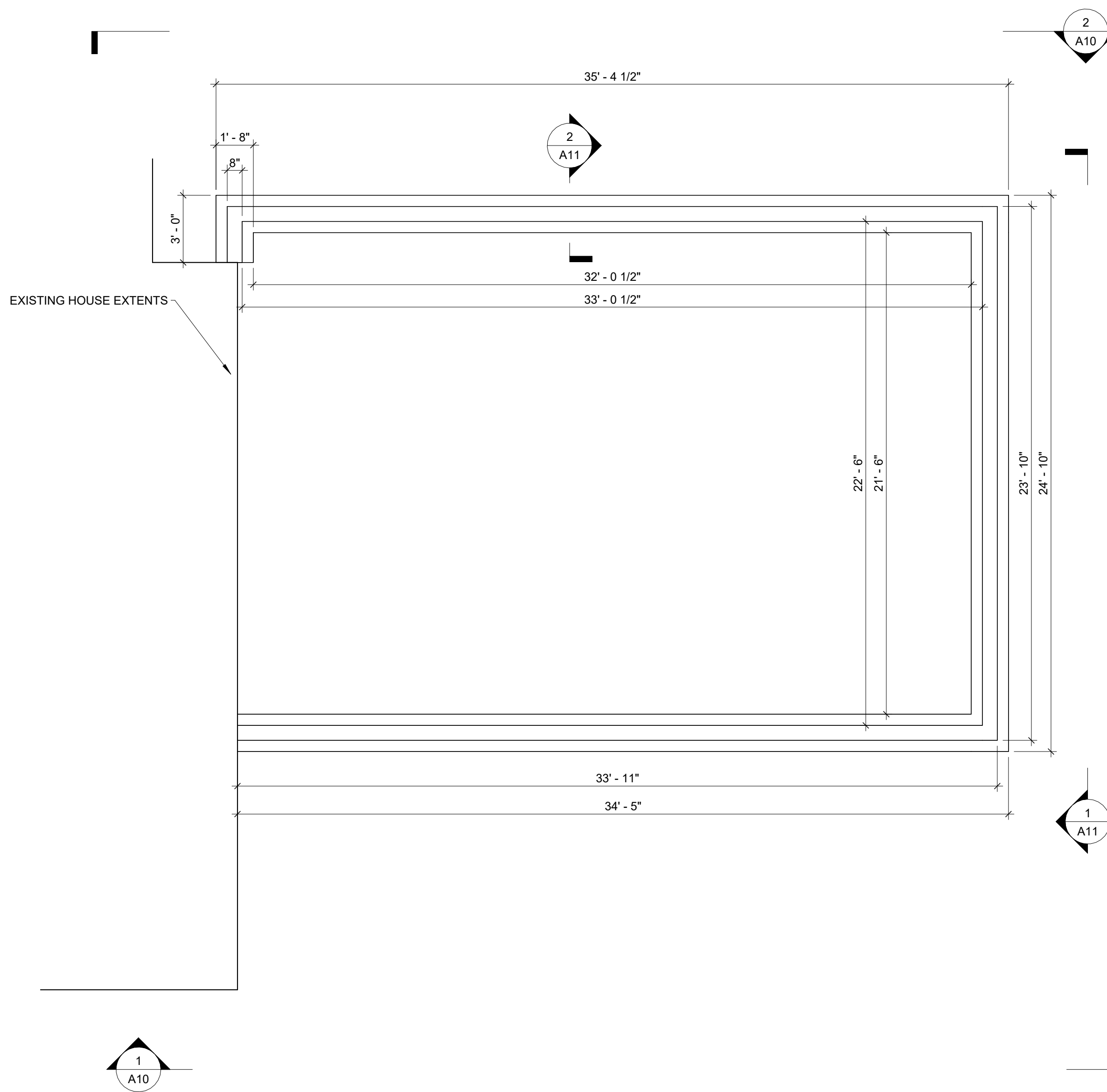
Project Information

FOUNDATION PLAN

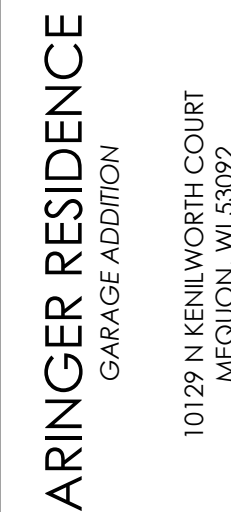
Attachment: Plans (9579 : Adam & Talia Aringer)

Sheet Title	
2	07/11/2024
1	05/30/2024
0	05/15/2024
Rev. No.	Date
Drawn By	DST
Sheet No.	
	
Status	

ISSUED FOR
Packet Pg. 1



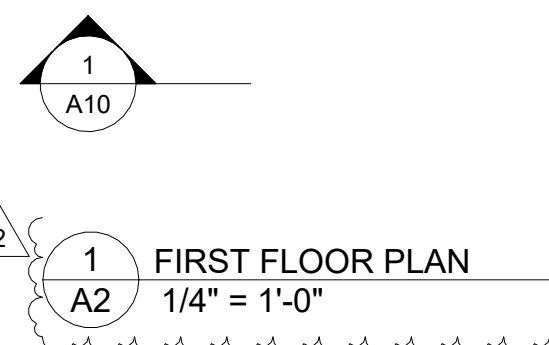
1 FOUNDATION PLAN
A1 1/4" = 1'-0"

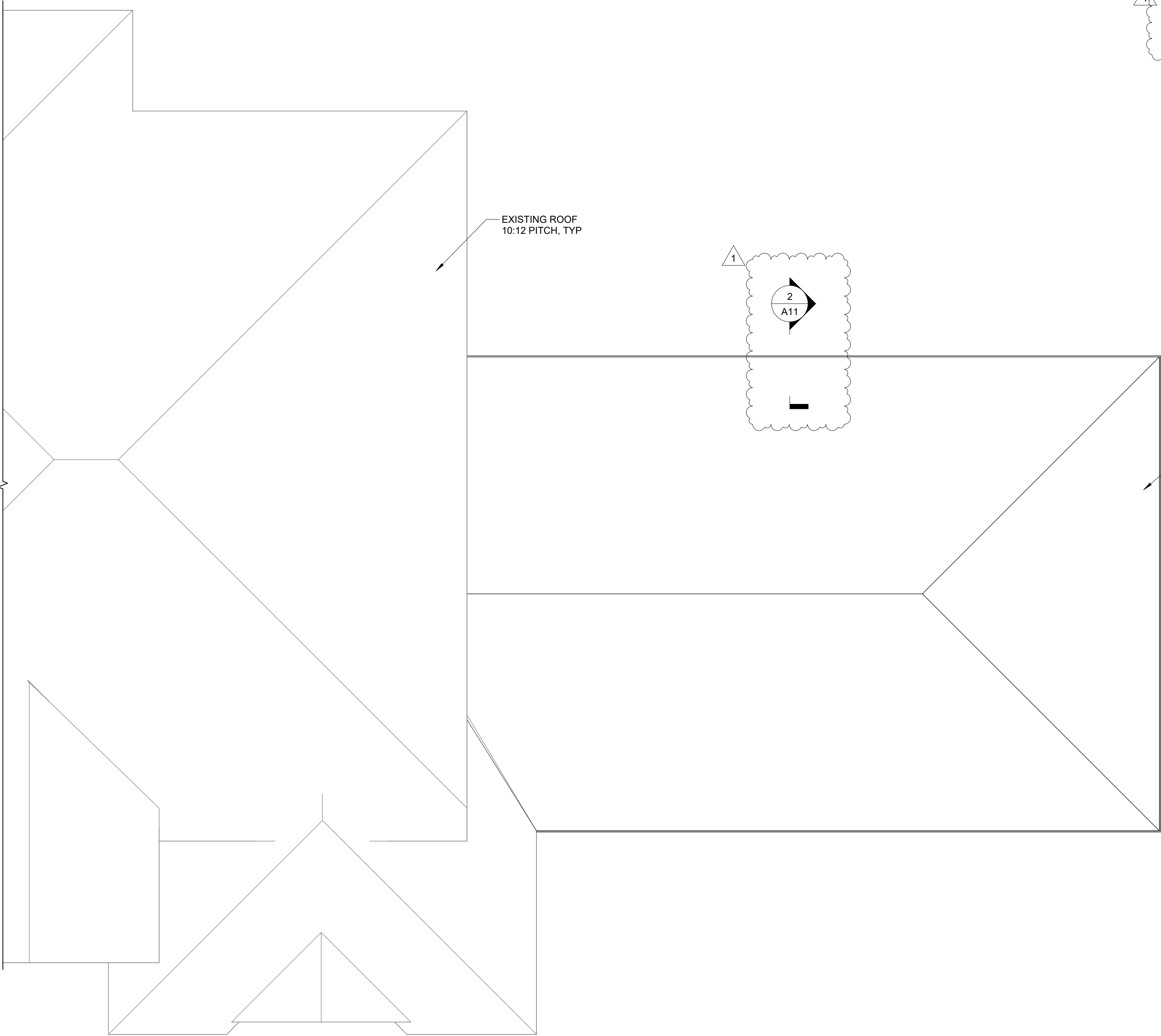
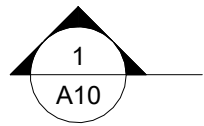


FIRST FLOOR PLAN

Attachment: Plans (9579 : Adam & Talia Aringer)

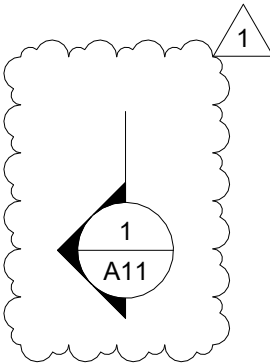
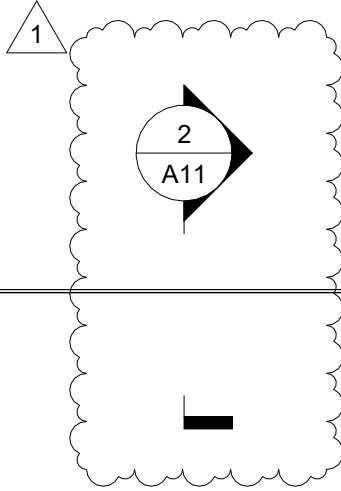
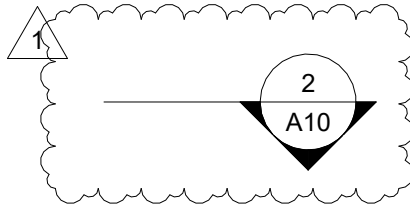
Status
REVISED AS
NOTED ISSUED
Packet Pg. 1





EXISTING ROOF
10:12 PITCH, TYP

NEW ROOF
6:12 PITCH



3.1.d

IRONWOOD
DESIGN • BUILD • REMC

303 Commerce Stree
Waukesha, WI 53186

ironwoodpro.com
(414) 943-0200

ARINGER RESIDENCE
GARAGE ADDITION

10129 N KENILWORTH COURT
MEQUON, WI 53092

Project Information

Attachment: Plans (9579 : Adam & Talia Aringer)

Sheet Title

ROOF PLAN

1	05/30/2024
0	05/15/2024
Rev. No.	Date
Drawn By	DST
Sheet No.	

Status

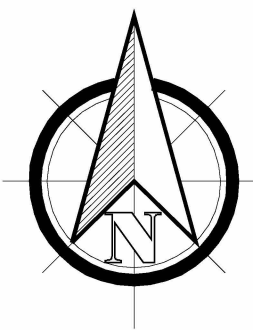
ISSUED FOR
PERMIT REVIEW

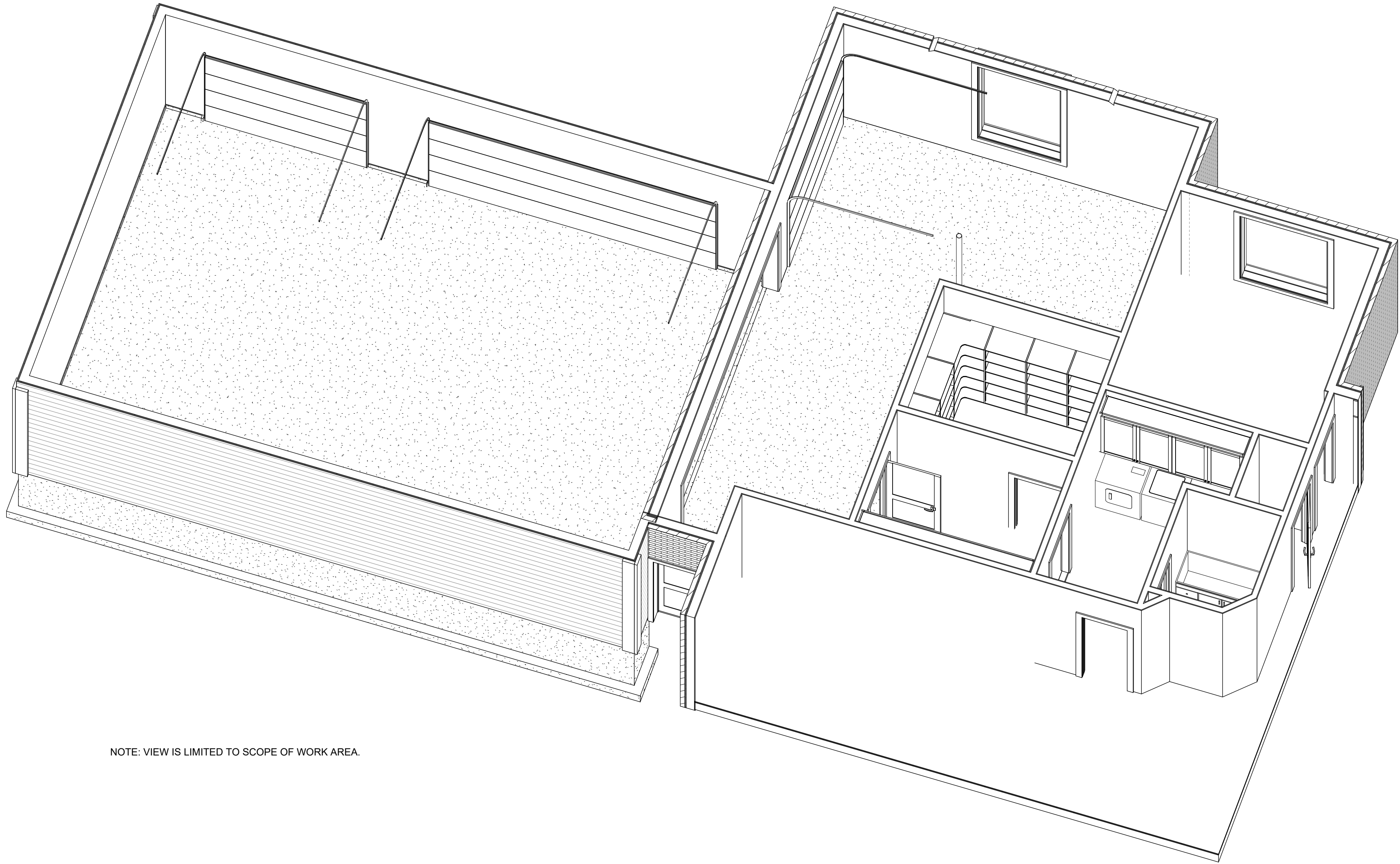
Packet Pg. 18

LOT 3, PARKSIDE SUBDIVISION,
being a redivision of Parcel 1 of
Certified Survey Map No. 1035,
being a part of the Southeast ¼ of
the Northwest ¼ of Section 32,
Town 9 North, Range 22 East, in
the City of Mequon, Ozaukee
County, Wisconsin.

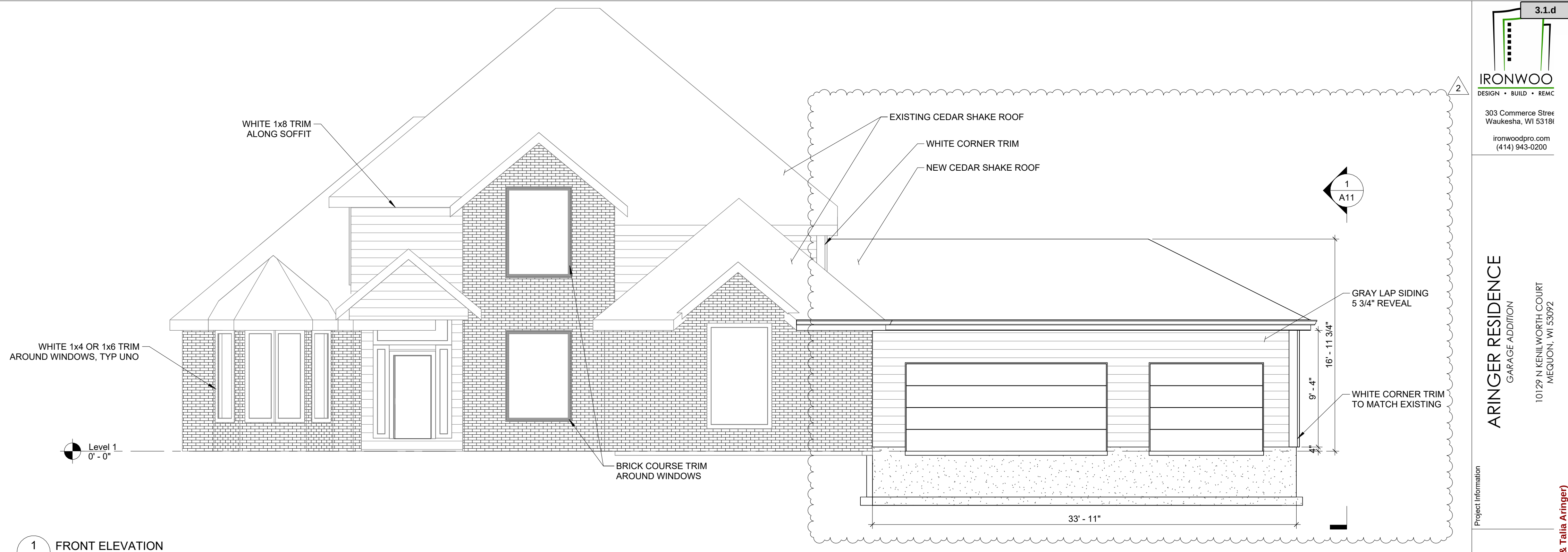
ZONING REQUIRED
20' SETBACK.
DEED RESTRICTION
GRANTS ENCROACHMENT

- - Denotes Existing Transformer
- - Denotes Existing Utility Box
- - Denotes Existing Outdoor Light
- - Denotes Existing Electric Meter
- - Denotes Existing Gas Meter
- - Denotes Existing AC Unit
- - Denotes Existing Tree / Size
- - Denotes Existing Spot Grade



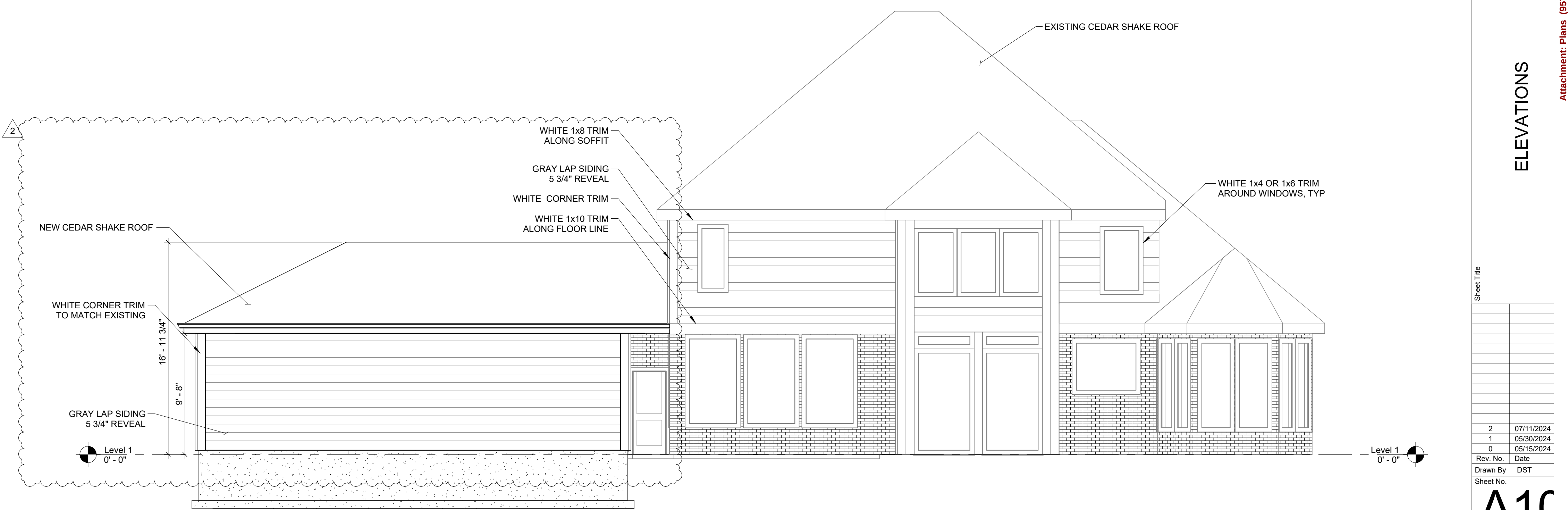


NOTE: VIEW IS LIMITED TO SCOPE OF WORK AREA.



1 FRONT ELEVATION

3/16" = 1'-0"



2 BACK ELEVATION

3/16" = 1'-0"



ARINGER RESIDENCE

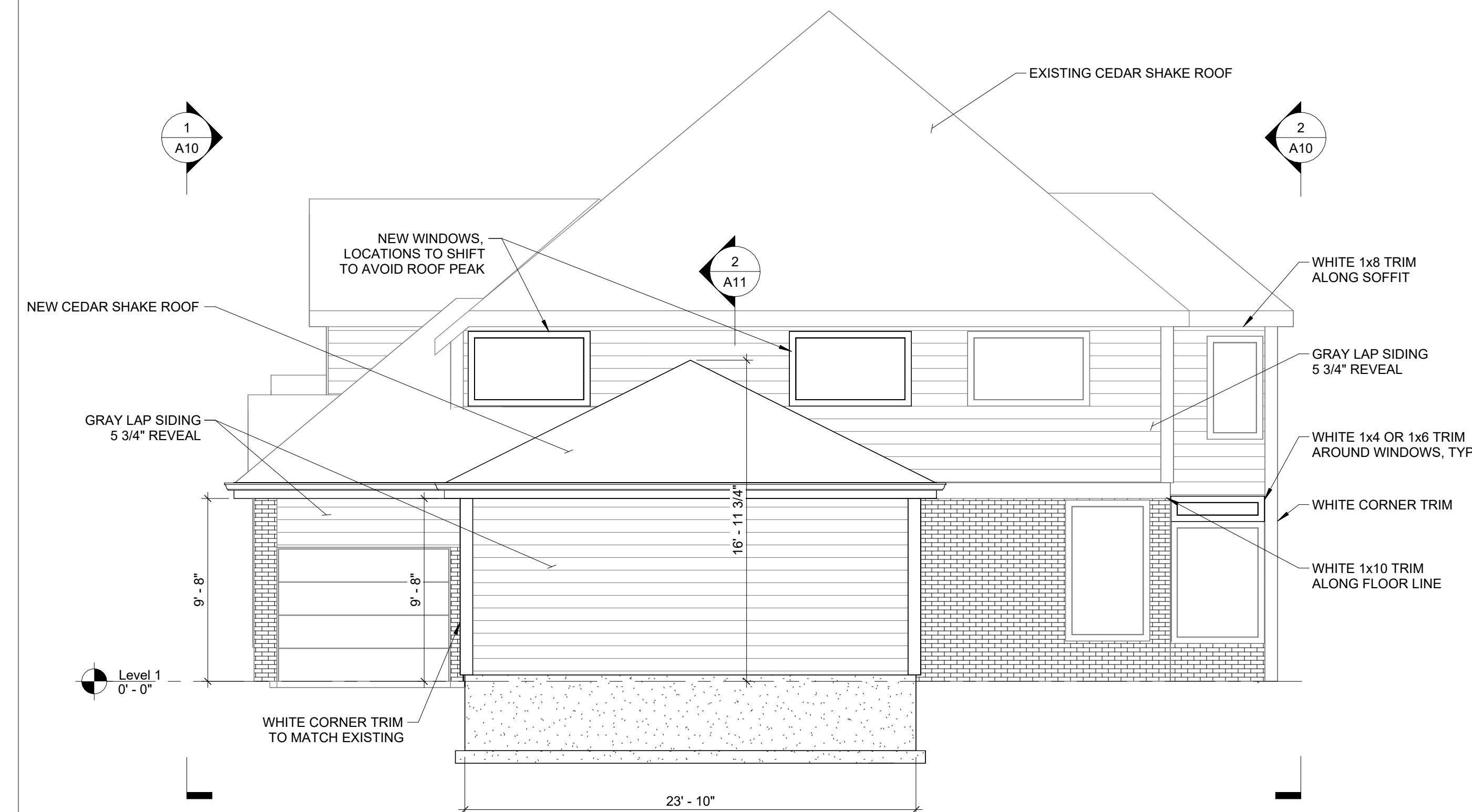
GARAGE ADDITION

10129 N KENILWORTH COURT
MEQUION WI 53092

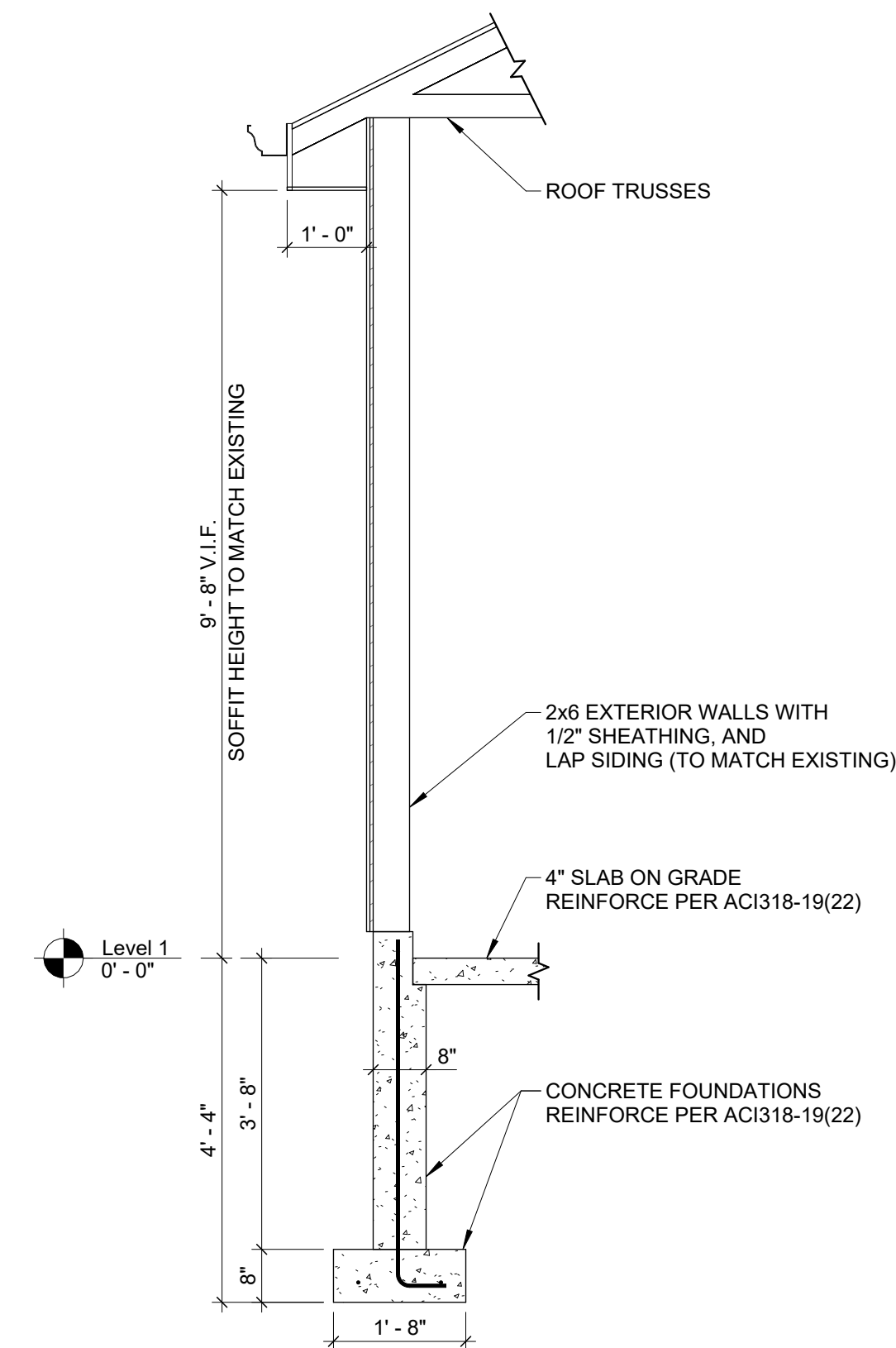
Project Information

ELEVATIONS AND SECTIONS

Attachment: Plans (9579 : Adam & Talia Aringer)



1 SIDE ELEVATION
A11 $3/16" = 1'-0"$



2
A11

TYPICAL CROSS SECTION

1/2" = 1'-0"

Sheet Title	
1	07/11/2024
0	05/30/2024
Rev. No.	Date
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Sheet No.	

Status	
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REVISÉ AS

Packet Pg. 2

A11



11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Scott Woehl - New Outbuilding at 724 W. Auburn Court

Attachments:

Statement of Intent (PDF)

Survey (PDF)

Pictures (PDF)

Plans (PDF)

Woehl Outbuilding
724 West Auburn Court

Statement of Intent

Fein Design Proposes an outbuilding (20x20) at 724 West Auburn Court. The structure will match all details of the existing home where possible. This outbuilding will allow the owner to use their smaller than modern standards attached garage to park their vehicles and use the outbuilding to store tools and garage overflow.

Plat of Survey

Lot eleven (11) in "MAPLEFIELD ESTATES", being a subdivision of a part of the Southwest 1/4 of Section 32, Town 9 North, Range 22 East, in the City of Mequon, Ozaukee County, Wisconsin. Said parcel containing 40,000 sq. ft. / 0.92 acres, more or less

LEGEND

● IRON PIPE FOUND/SET

Bearing Reference:
All bearings referenced to the West line of the SW 1/4 of Section 32-9-22, which bears N0° 53' 35"W, per SEWRPC, datum NAD-83

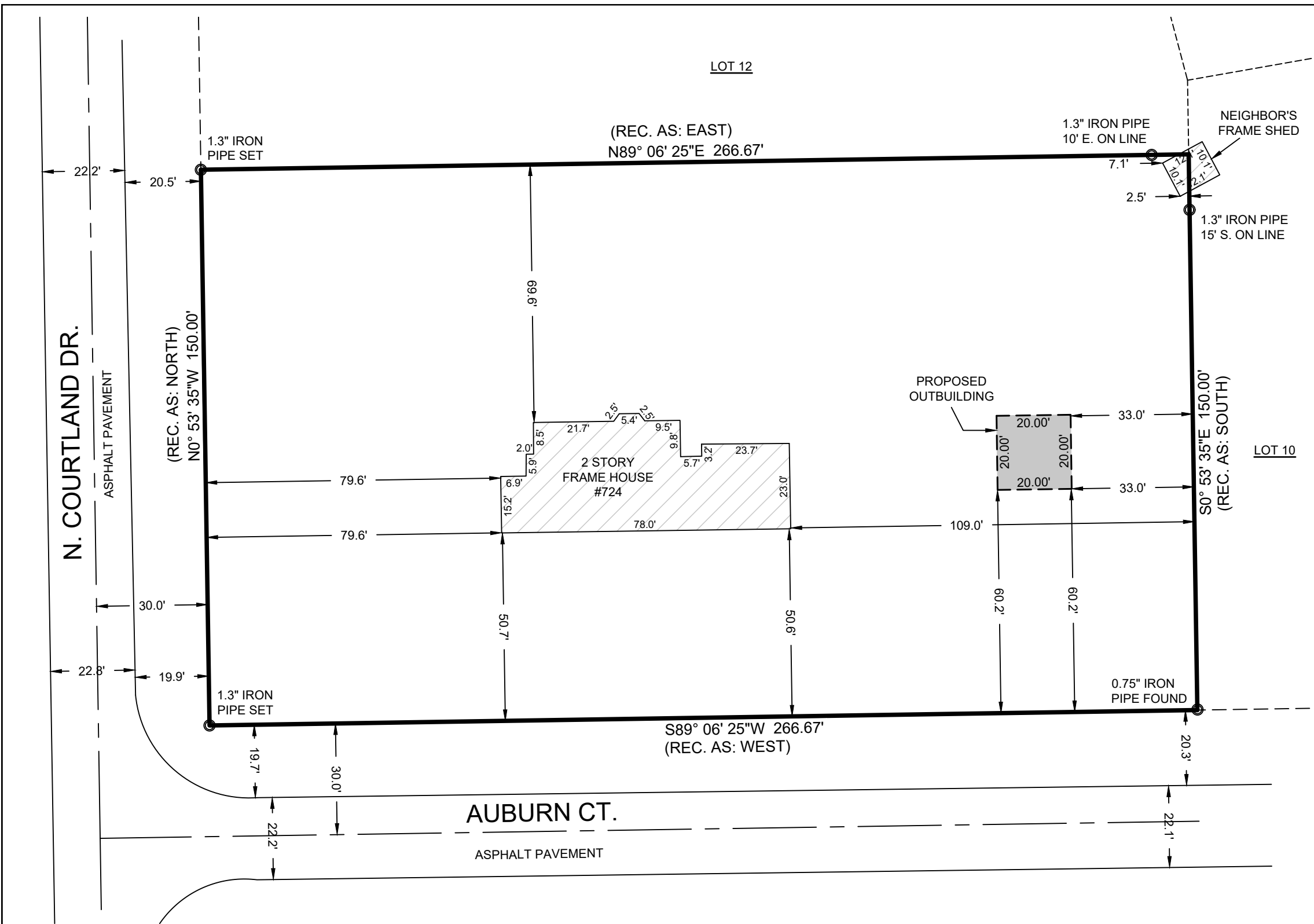
Revision Notes:
1. 8/1/2024 - Add proposed outbuilding, by JRS



Prepared for:
Scott Woehl
724 Auburn Court
Mequon, WI, 53092

www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

THE SIGMA GROUP
Single Source. Sound Solutions.



I, Kevin A. Slotke, Professional Land Surveyor, certify that I have surveyed the above described property, to the best of my knowledge and ability, and that the map shown hereon is a true representation thereof and shows the size and location of the property, it's exterior boundaries, the location of all visible structures thereon, boundary fences, apparent easements, roadways and encroachments, if any.

KEVIN A. SLOTTKE
P.L.S. 2503
MILWAUKEE, WI

Kevin A. Slotke, P.L.S. 2503 DATE: 5/03/2024





















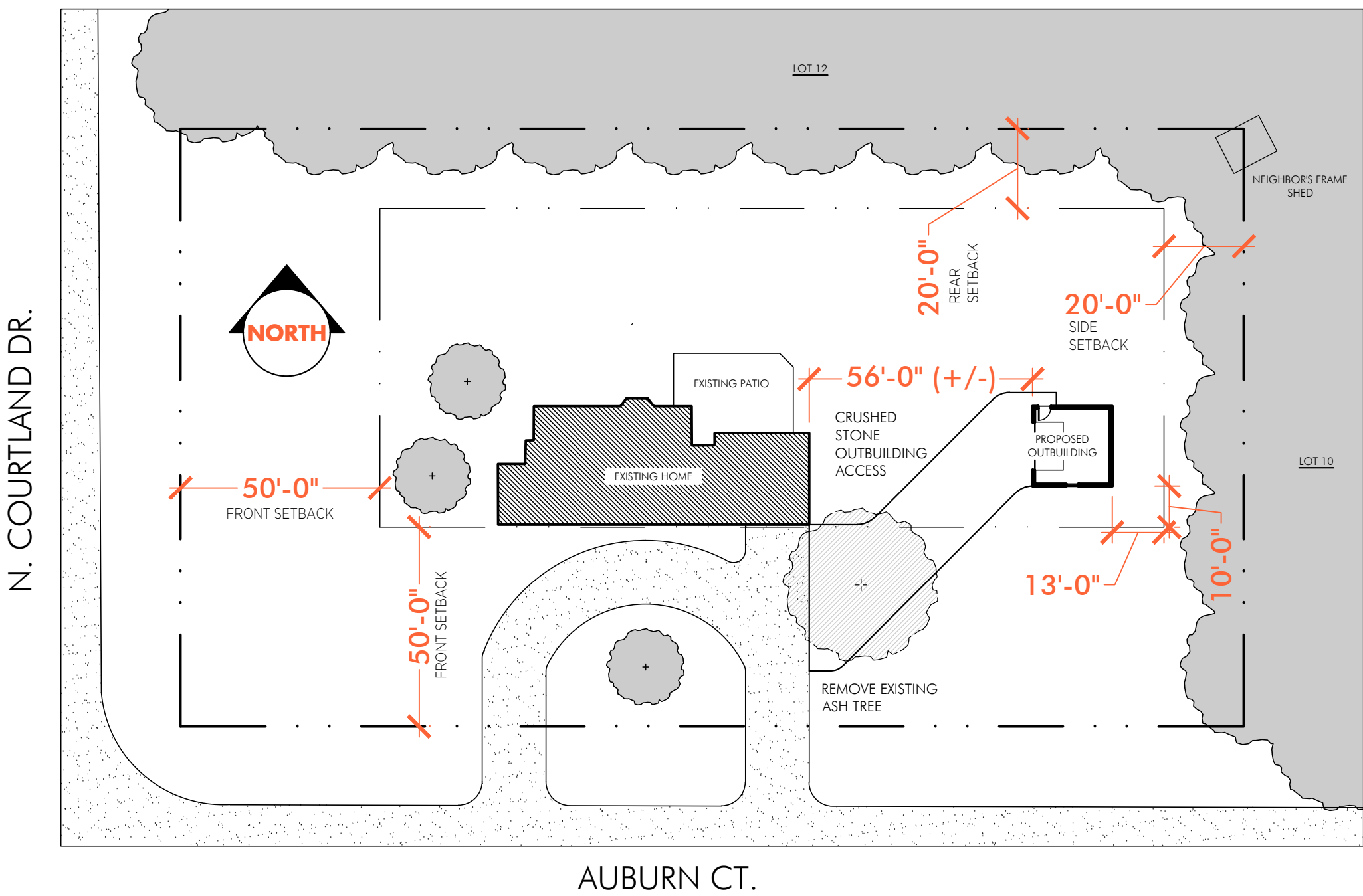












PROPOSED SITE PLAN

NOT TO SCALE - FOR CONCEPTUAL DESIGN PURPOSES ONLY

SITE DATA :

LOT ZONED R-4

40,000 SQFT LOT AREA
15% TOTAL LOT COVERAGE IS ALLOWED (6,000)
(14% HOME + 1% OUTBUILDING)
EXISTING HOME SQFT = 2,000 (+/-)
OUTBUILDING PROPOSED SQFT = 400
TOTAL PROPOSED LOT COVERAGE SQFT = 2,400 (+/-)

5,000 SQFT ADDITIONAL IMPERVIOUS SURFACE ALLOWED PER MEQUON CODE COMPLIANCE

PROPOSED OUTBUILDING ACCESS CRUSHED STONE
(+0 IMPERVIOUS SURFACE)

OUTBUILDING MAX HEIGHT = 15' (+1' FOR EACH FOOT IN FROM SETBACK, UP TO 25')
PROPOSED OUTBUILDING HEIGHT = 17' (SEE SECTION PAGE 4)

ALL DIMENSIONS TO BE VERIFIED PER FINAL SURVEY



PROPOSED EXTERIOR PERSPECTIVES

NOT TO SCALE - FOR CONCEPTUAL DESIGN PURPOSES ONLY



fein design

residential
design-build

11124 north cedargrove road
suite #350
mequon, wisconsin 53092

(262) 238-0774

www.feindesigns.com

contacts

RORY

(414) 881 - 1936

CATIE

(262) 483 - 4342

PROPOSED CONSTRUCTION DRAWINGS FOR :

THE WOehl RESIDENCE
PROPOSED OUTBUILDING

724 WEST AUBURN COURT
MEQUON, WISCONSIN

SCALE : N/A

NOT TO SCALE

SHEET CONTENTS

COVER

DATE

07. 01. 2024

project number

2417

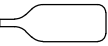
sheet number

COVER

© DRAWINGS COPYRIGHT TO FEIN DESIGN, LLC

SHEET INDEX:		
COVER	-----	PROPOSED SITE PLAN & EXTERIOR PERSPECTIVES
SHEET 1	-----	SHEET INDEX, 'COMM' NOTES, PROJECT DATA
SHEET 2	-----	PROPOSED FOUNDATION, FLOOR & ELECTRICAL PLANS, NOTES
SHEET 3	-----	PROPOSED FRONT, REAR & SIDE ELEVATIONS, NOTES
SHEET 4	-----	PROPOSED SECTION, NOTES

NOTICE:



TO ALL CONTRACTORS BIDDING THIS PROJECT

ENORMOUS ATTENTION AND EXERTION HAVE GONE INTO THE ARCHITECTURAL DESIGN OF THESE DRAWINGS. FOR THIS REASON, FEIN DESIGN ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, INCLUDING STRUCTURAL FAILURES, DUE TO DEFICIENT WORKMANSHIP BY ANY CONTRACTORS AND / OR SUPPLIERS.

CONTRACTORS TO NOTIFY FEIN DESIGN **IMMEDIATELY** IF ANY ERRORS ARE FOUND IN THE PRINTS THEMSELVES.

CONTRACTORS TO VERIFY ALL PARTS OF THESE PRINTS PERTAINING TO THEM.

LUMBERYARDS TO REVIEW STRUCTURAL LAYOUTS AND CALCULATIONS BASED ON PROPOSED DESIGN AND CONFIRM FOR APPLICATION.

ALL RELEVANT CONTRACTORS INVOLVED WITH THIS PROJECT TO PROVIDE FEIN DESIGN WITH ONE (1) BOTTLE OF SCOTCH - AGED 10 YEARS (MINIMUM) **ONLY** IF THEY DO NOT REMARK ABOUT THIS NOTE WHICH IS INTENDED TO MAKE SURE THAT THE CONTRACTOR HAS REVIEWED THESE DOCUMENTS AND BROUGHT TO THE DESIGNERS ATTENTION ANY FORESEEABLE CONCERNS SO THAT THESE CONCERNS MAY BE DEALT WITH PRIOR TO CONSTRUCTION.

PROJECT DATA :

WINDOWS & EXTERIOR DOORS

SUPPLIER TO VERIFY ALL WINDOWS AND SUBMIT A LIST TO THE DESIGNER AND OWNER PRIOR TO ORDERING - FOR VERIFICATION PURPOSES
ALL HARDWARE TO BE DETERMINED BY OWNER
WINDOWS TO BE CLAD EXTERIOR - COLOR VERIFIED BY OWNER
WINDOWS TO BE WOOD INTERIOR - PAINT GRADE (PRIMED) -
VERIFY LOCATIONS
SUPPLIER ARE LABELED WITH 'MARVIN' SIZES

EPOXIED CONCRETE FLOOR

SEE FLOOR PLAN FOR AREA DESIGNATED TO RECEIVE EPOXY COATING
OWNER TO VERIFY STYLE AND LAYOUT
- BID AS ALTERNATE -
NO EPOXY COATING

WALL TEXTURE

DRYWALL WORK TO BE 1/2" ON CEILINGS AND 1/2" ON CEILINGS
DRYWALL CONTRACTOR TO VERIFY EXACT TEXTURE & MATERIAL WITH OWNER / BUILDER

TRIM

ALL MOLDINGS - FINISH CARPENTER & LUMBERYARD TO VERIFY WITH OWNER / DESIGNER
PAIN-GRADE MATERIAL TO BE INSTALLED - VERIFY WITH OWNER / DESIGNER
BASE - VERIFY WITH OWNER
CASING - VERIFY WITH OWNER

FINISH CARPENTER TO CONFIRM ALL DETAILS WITH DESIGNER PRIOR TO INSTALLATION

CONSTRUCTION NOTES :

IT IS UNDERSTOOD THAT THE PLANS and SPECIFICATIONS CONTAINED HEREIN WERE DRAWN UP FOR THE OWNER(S) and ARE THE PROPERTY OF BOTH THE OWNER(S) and FEIN DESIGN, LLC

THESE DOCUMENTS ARE FOR THE SOLE USE OF FEIN DESIGN, LLC FOR THE CONSTRUCTION OF THIS PROJECT and USE OF THESE DRAWINGS BY ANY OTHER PARTY VOIDS ANY RESPONSIBILITY OF FEIN DESIGN, LLC OF GENERAL REPRESENTATION

THIS BUILDING TO CONFORM TO ALL APPLICABLE CODES ACCORDING TO THE
' WISCONSIN UNIFORM DWELLING CODE ' ALL CONTRACTORS ARE RESPONSIBLE FOR KNOWING THE CODES -
COMM 20 THRU COMM 25

DIMENSIONS MAY NOT BE EXACT ALL CONTRACTORS AND SUPPLIERS TO FIELD VERIFY ANY AND ALL MEASUREMENTS PRIOR TO CONSTRUCTION AND / OR FABRICATION CONTRACTORS AND SUPPLIERS TO MAINTAIN DESIGN INTENT

ALL MECHANICAL LOCATIONS WILL BE VERIFIED BY THEIR RESPECTED INSTALLER. THEY MAY NEED TO BE RELOCATED FOR OPTIMAL EFFICIENCY, PER SITE CONDITIONS

EXTERIOR WALLS TO BE MADE OF 2x6 CONSTRUCTION
EXTERIOR WALLS SCALE OUT AT 6-1/2" (1/2" + 5-1/2" + 1/2")

PROPOSED WINDOWS DRAWN HERE ARE TO BE USED AS A DESIGN GUIDE ONLY WINDOW SUPPLIER TO VERIFY ALL SIZES WITH DESIGNER PRIOR TO FABRICATION WINDOW SUPPLIER WILL BE LIABLE FOR INCORRECTLY BUILT WINDOWS

ROUGH CARPENTER TO PROVIDE 6" OF FRAMING (OR AS MUCH AS POSSIBLE OVER 4" OF FRAMING) BEFORE DOOR OPENINGS (PERPENDICULAR TO ADJACENT WALL)

LUMBERYARD AND/OR WOOD SUPPLIER TO VERIFY ALL BEAM AND MICROLAM SIZES INCLUDING ALL RELEVANT HANGER SIZES AND SPECIFICATIONS

LUMBERYARD and / or STRUCTURAL ENGINEER TO VERIFY AND PROVIDE PROPER WALL BRACING SPECIFICATIONS PER WISCONSIN UNIFORM DWELLING CODE 321 .25

INSULATION

CORBOND FOAM - PER CODE REQUIREMENTS
-BID AS ALTERNATE-
BATT INSULATION - PER CODE REQUIREMENTS

HVAC SYSTEM

OUTBUILDING TO HAVE MODINE HEATING SYSTEM - CONFIRM DETAILS WITH OWNER

ELECTRICAL

ELECTRICAL CONTRACTOR TO VERIFY PROPOSED CONDITIONS and POWER SUPPLY VERIFY OUTDOOR CONNECTION AND LOCATION OF ELECTRIC METER PEDESTAL ELECTRICAL LAYOUT TO BE REVIEWED WITH THE OWNER FUTURE OUTDOOR LIGHTING TO BE PROPERLY PREPARED DURING OUTBUILDING CONSTRUCTION

PLUMBING

PLUMBING CONTRACTOR TO VERIFY WITH OWNER FOR THE PROPER PLUMBING FIXTURE(S) THAT WILL BE INSTALLED ALL FIXTURES TO BE APPROVED BY OWNER

EXTERIOR & INTERIOR VENEERS

ALL EXTERIOR MATERIALS & COLORS TO BE VERIFIED AND APPROVED BY OWNER ALL NEW EXTERIOR MATERIALS TO MATCH EXISTING DETAILS IF POSSIBLE
ALL INTERIOR MATERIALS & COLORS TO BE VERIFIED AND APPROVED BY OWNER



fein design

**residential
design-build**

11124 north cedarburg road
suite #350
mequon, wisconsin 53092

(262) 238-0774

www.feindesigns.com

contacts

RORY

(414) 881 - 1936

CATIE

(262) 483 - 4342

PROPOSED CONSTRUCTION DRAWINGS FOR :

**THE WOEHL RESIDENCE
PROPOSED OUTBUILDING**

724 WEST AUBURN COURT
MEQUON, WISCONSIN

SCALE : N/A
NOT TO SCALE

SHEET CONTENTS

SHEET INDEX, 'COMM' NOTES,
PROJECT DATA

DATE
07. 01. 2024

project number
2417

sheet number
1 of 4

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Attachment: Plans (9580 : Scott Woehl)

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PROPOSED CONSTRUCTION DRAWINGS FOR :

THE WOEHL RESIDENCE
PROPOSED OUTBUILDING
724 WEST AUBURN COURT
MEQUON, WISCONSIN

SCALE : 1/4" = 1'
UNLESS OTHERWISE NOTED

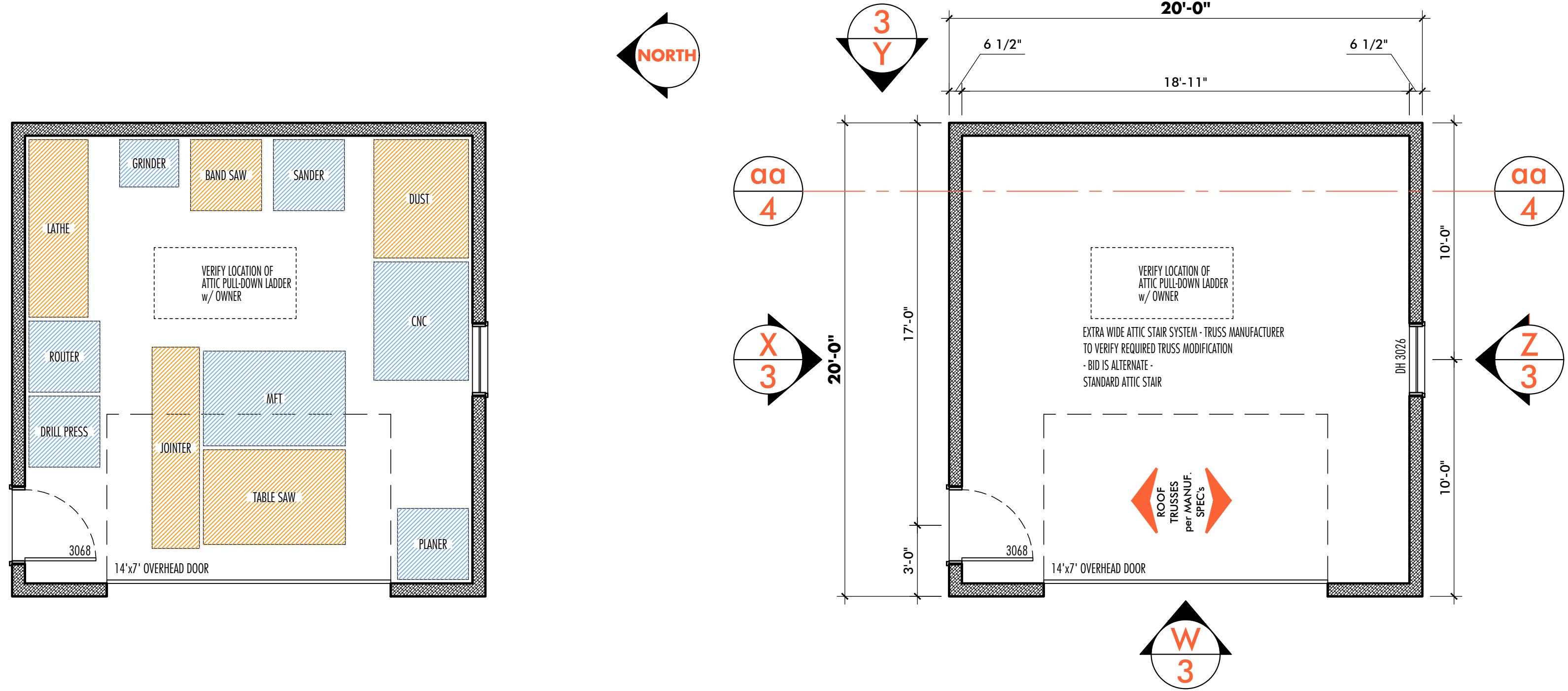
SHEET CONTENTS
FOUNDATION, FLOOR &
ELECTRICAL PLANS, NOTES

DATE
07. 01. 2024

project number
2417

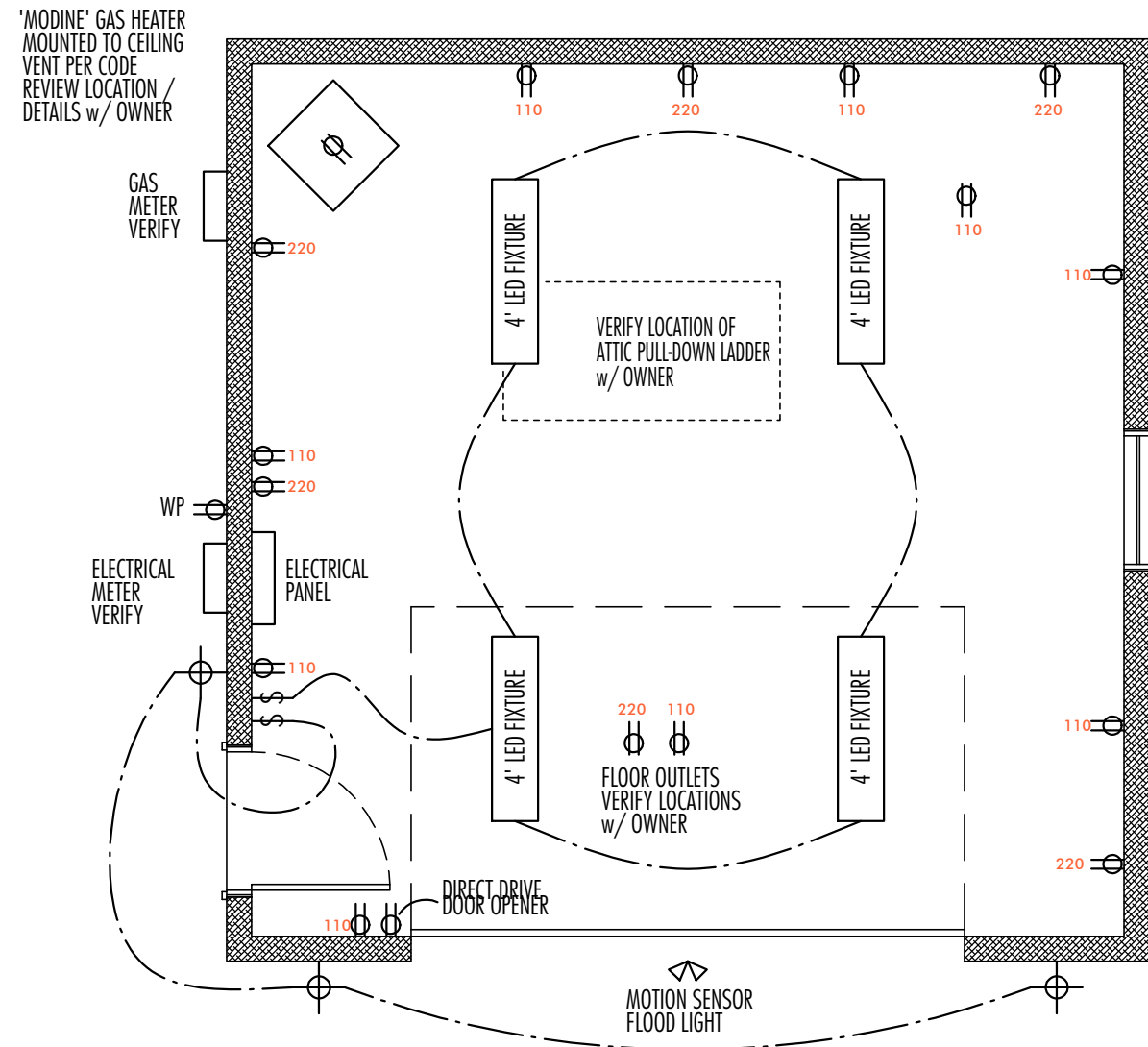
sheet number
2 of 4

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PROPOSED WORKSHOP LAYOUT

PROPOSED FLOOR PLAN



PROPOSED ELECTRICAL PLAN

ELECTRICAL NOTES :

- OUTLETS LABELED '110' TO BE 110 VOLT OUTLETS
- OUTLETS LABELED '220' TO BE 220 VOLT OUTLETS (NEMA L14-30R DEVICES)

OUTLETS SHOWN ON PLAN ARE FOR REFERENCE ONLY ELECTRICIAN TO PROVIDE OUTLETS PER CODE & DISCUSS ADDITIONAL OUTLET LOCATIONS WITH OWNER SWITCHES LABELED TO SWITCHED OUTLETS TO BE DISCUSSED w/ OWNER AS TO WHICH OUTLETS ARE TO BE SWITCHED

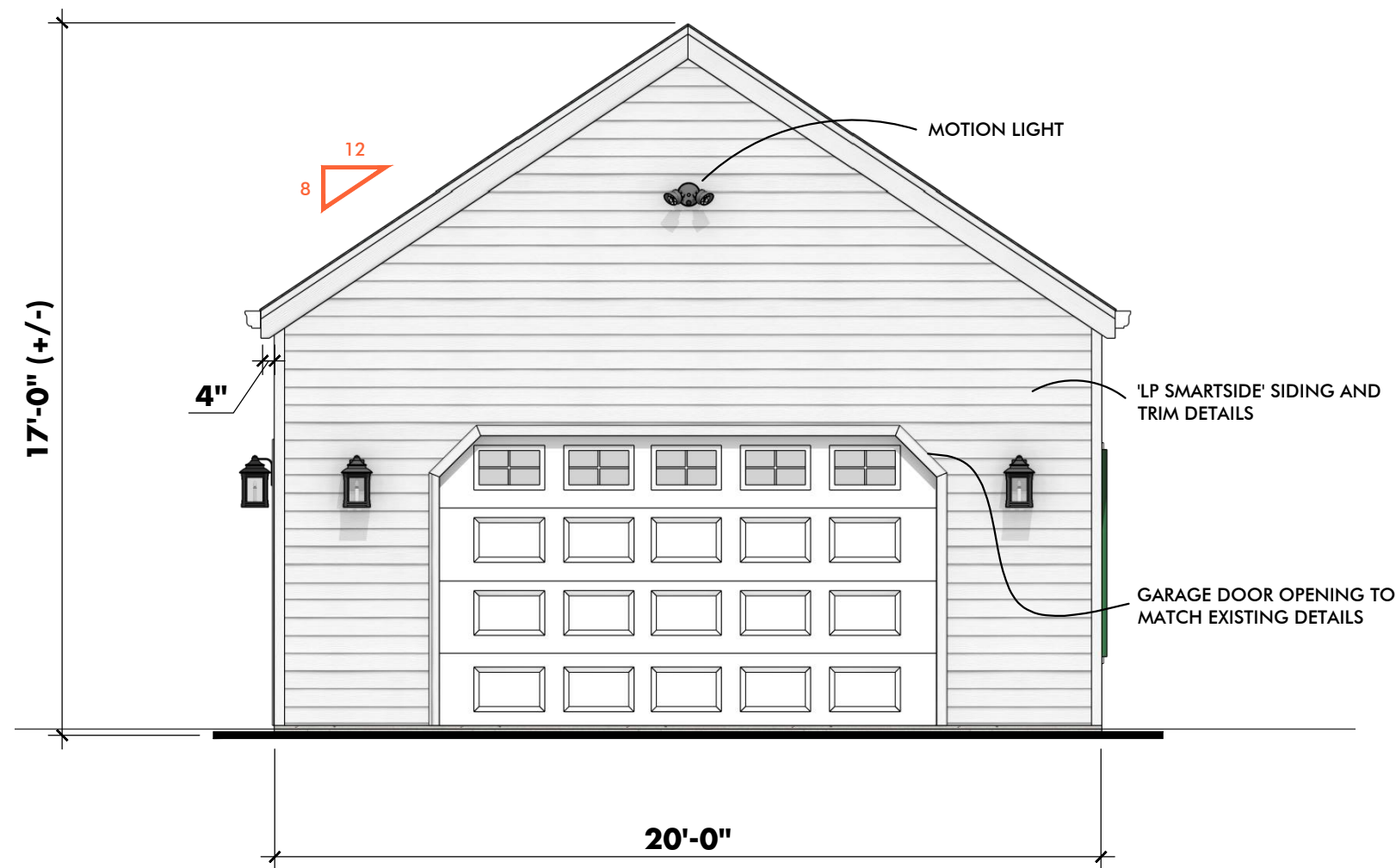
ELECTRICAL CONTRACTOR TO VERIFY WITH BUILDER THE LOCATION OF ELECTRICAL FIXTURES AND THE HEIGHTS ABOVE THE FINISH FLOOR, etc.

OWNER TO VERIFY WITH ELECTRICAL CONTRACTOR FOR PROPER SWITCHING & LIGHTING FOR ALL LIGHT FIXTURES - CONFIRM WITH DESIGNER

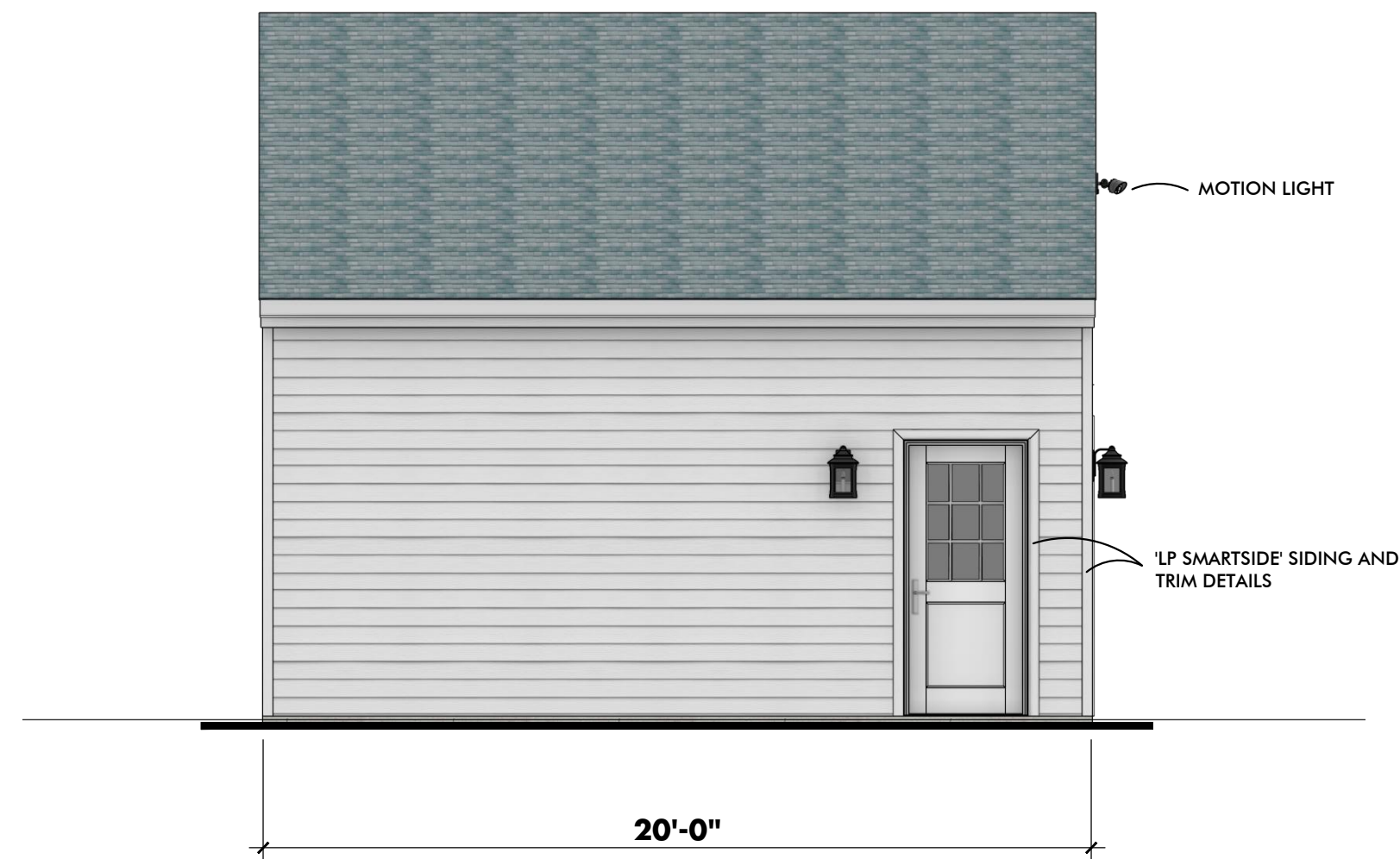
ALL MAIN LIGHT FIXTURE SWITCHES TO ACCOMMODATE DIMMERS (OWNER TO VERIFY EXACT SWITCH LOCATIONS)

SMOKE & CARBON MONOXIDE ALARMS SHALL BE INSTALLED PER 'COMM' 21.09 & 21.097 & 'COMM' 28 FIELD VERIFY LOCATION(S) AND AMOUNT NEEDED

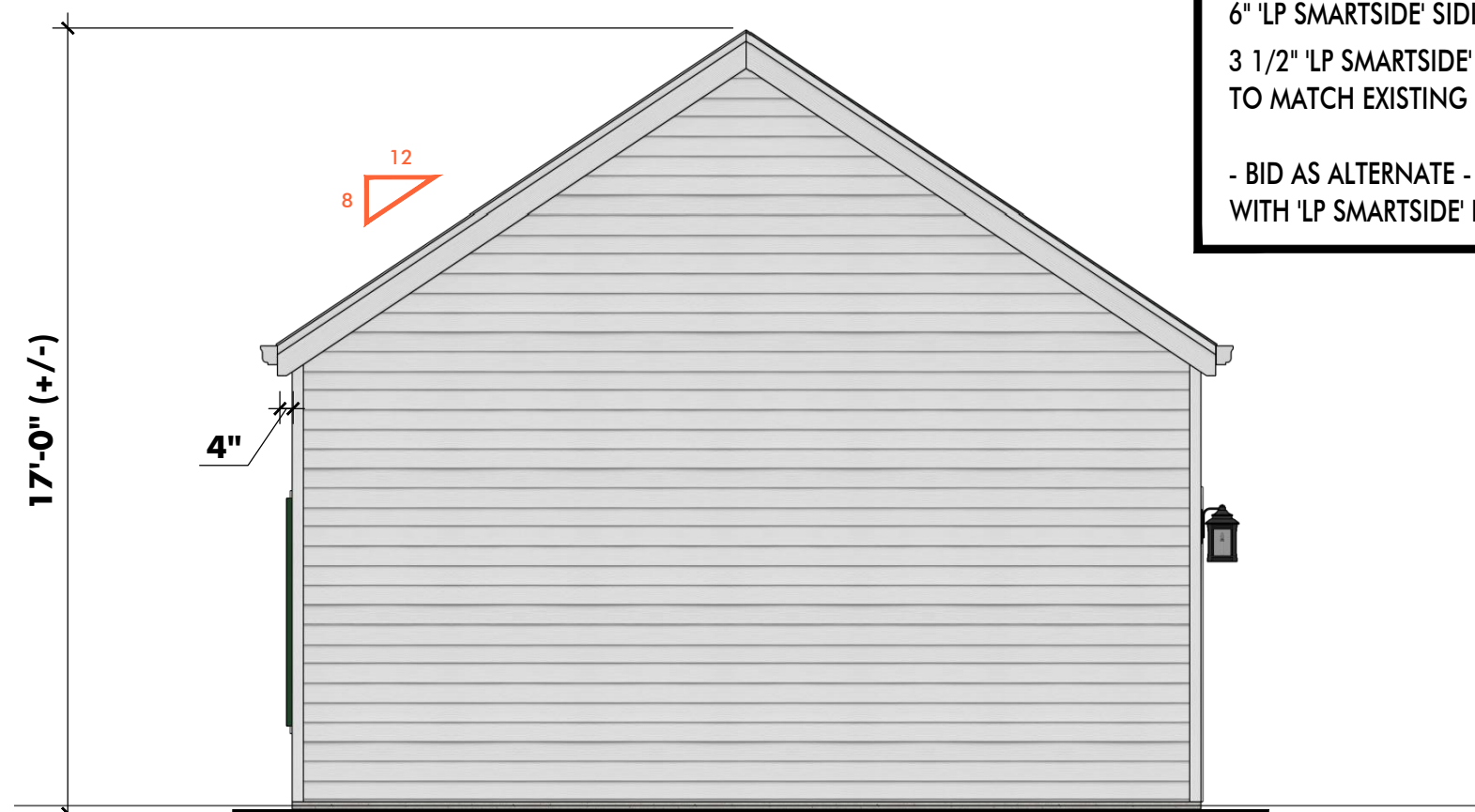
LEGEND	
	LIGHT FIXTURE
	OUTLET (verify GFI / switched)
	WEATHER PROOF OUTLET
	SWITCH (verify dimmer)
	SMOKE / CO-2 DETECTOR



W OUTBUILDING FRONT ELEVATION
WESTERN FACING



X OUTBUILDING SIDE ELEVATION
NORTHERN FACING



Y OUTBUILDING REAR ELEVATION
EASTERN FACING

EXTERIOR NOTES :

- 3 DIMENSIONAL ASPHALT SHINGLES
- 'LP SMARTSIDE' SOFFIT SYSTEM - VERIFY
- 1x10 'LP SMARTSIDE' FASCIA - VERIFY
- 6" 'LP SMARTSIDE' SIDING TO MATCH EXISTING DETAILS - VERIFY
- 3 1/2" 'LP SMARTSIDE' CORNER BOARDS & TRIM DETAILS TO MATCH EXISTING DETAILS - VERIFY
- BID AS ALTERNATE - VINYL SIDING & TRIM TO MATCH EXISTING WITH 'LP SMARTSIDE' FASCIA



Z OUTBUILDING SIDE ELEVATION
SOUTHERN FACING



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CATIE

(262) 483 - 4342

PROPOSED CONSTRUCTION DRAWINGS FOR :

THE WOHL RESIDENCE
PROPOSED OUTBUILDING
724 WEST AUBURN COURT
MEQUON, WISCONSIN

SCALE : 1/4" = 1'
UNLESS OTHERWISE NOTED

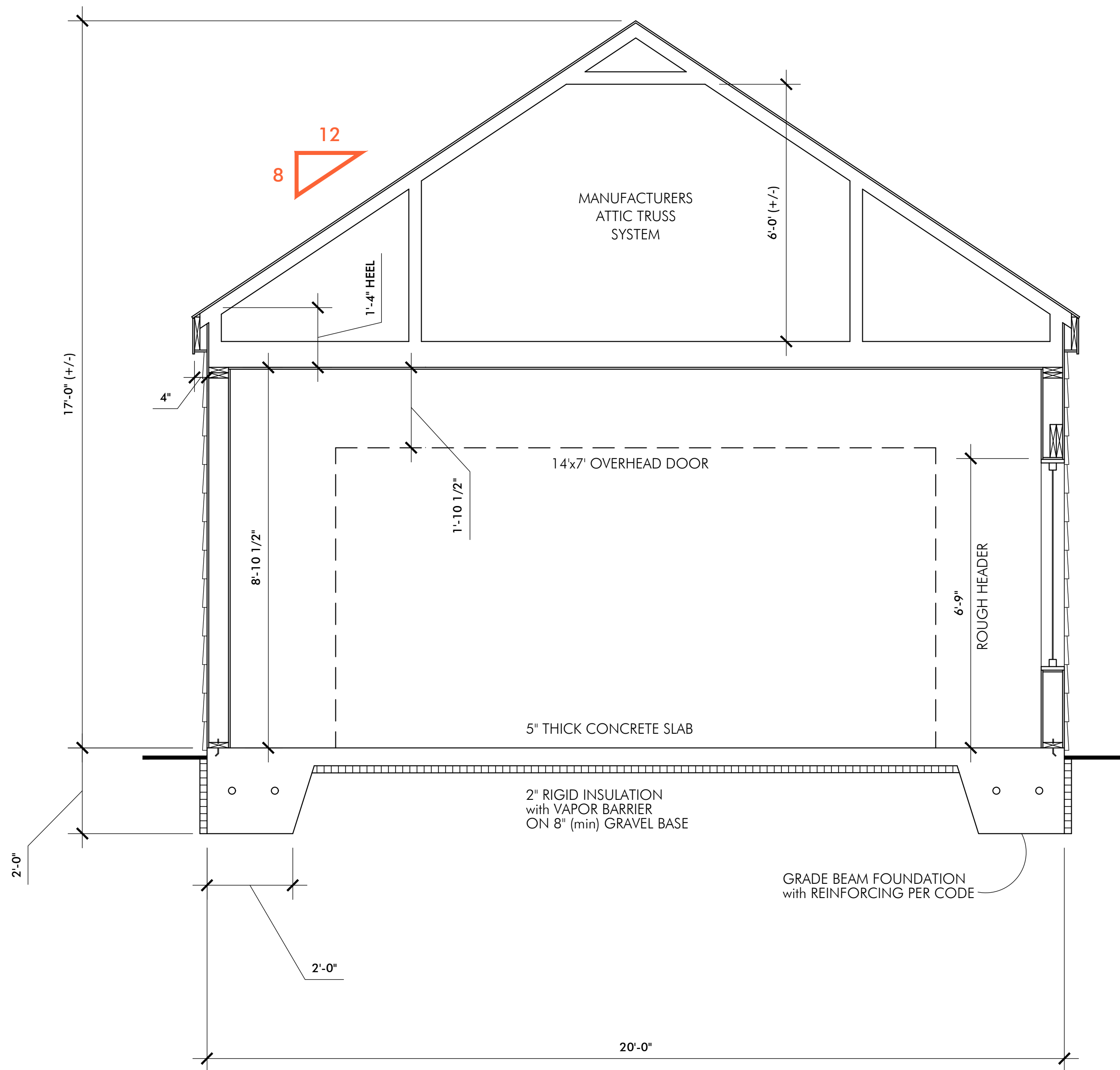
SHEET CONTENTS
EXTERIOR ELEVATIONS

DATE
07. 01. 2024

project number
2417

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3 of 4

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aa OUTBUILDING SIDE ELEVATION

SECTION NOTES :

PROVIDE ROOF VENTILATION PER CODE REQUIREMENTS
 PREFORMED VENT TUBES BY INSULATION CONTRACTOR
 BETWEEN ROOF STRUCTURE
 RIDGE VENT SYSTEM PER CODE REQUIREMENTS
 ROOF STRUCTURE TO COMPLY w/ REQUIREMENTS OF COMM 21.02 (3)
 40 YEAR DIMENSIONAL SHINGLE ROOFING
 1/2" APA-RATED ROOF SHEATHING WITH CLIPS
 ON 15# FELT UNDERLAYMENT
 MANUFACTURER'S ATTIC TRUSS SYSTEM SEE PLANS FOR PROPOSED SPECIFICATIONS & LAYOUTS

PROVIDE 'ICE-N-WATER SHIELD' SYSTEM BY GRACE
 OVER ENTIRE PERIMETER OF ROOF DECKING (SIX FEET FROM EDGE)

FASCIA TO MATCH EXISTING HOUSE DETAILS
 SOFFIT SYSTEM WITH VENTILATION PER CODE

5" SEAMLESS ALUMINUM GUTTERS AND 4" ALUMINUM DOWNSPOUTS
 (FIELD VERIFY WHERE NEEDED - ONLY INSTALL WHERE NEEDED)
 GUTTERS TO HAVE 'LEAF GUARD' SYSTEM - VERIFY DETAILS w/ OWNER
 EXCAVATOR TO BURY DOWNSPOUTS UNDERGROUND AND DRAIN TO DAYLIGHT

SIDING VENEER PER ELEVATIONS - TO MATCH EXISTING HOUSE DETAILS
 on 'HYDRO-GAP' DRAIN-ABLE HOUSE-WRAP (or equal) and 1/2" APA-RATED
 'OSB' EXTERIOR WALL SHEATHING 2x6 WALL STUDS (@ 16" c/c) WITH POLY
 VAPOR BARRIER and 1/2" DRYWALL SPRAY FOAM INSULATION PER CODE
 - BID AL ALTERNATE - BATT INSULATION DETAILS PER CODE
 (LUMBERYARD TO VERIFY ALL MATERIALS W/ OWNER) (SEE EXTERIOR
 ELEVATIONS)

EPOXY COATING ON CONCRETE SLAB -
 VERIFY DETAILS w/ OWNER
 2X6 TREATED MUD SILL - VERIFY WITH METAL FASTENING STRAPS OR
 ANCHORS PER CODE (4'-0" c/c) AND SILL SEALER APPLIED (TYPICAL)

POURED CONCRETE GRADE BEAM FOUNDATION w/ REBAR REINFORCING
 PER CODE

POURED CONCRETE FOUNDATION WALL SYSTEM FROST
 5" CONCRETE SLAB -
 OVER VAPOR BARRIER R-5 RIGID INSULATION UNDER SLAB R-5 RIGID
 INSULATION ON OUTSIDE PERIMETER (PER CODE) TAR BACKPLASTER
 WEATHER-PROOF PRIOR TO RIGID INSULATION BEING APPLIED

EXCAVATOR TO DIG FOUNDATION TO SPECIFIED DEPTH & BACKFILL WITH
 GRAVEL BASE



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PROPOSED CONSTRUCTION DRAWINGS FOR :

THE WOHL RESIDENCE
PROPOSED OUTBUILDING

724 WEST AUBURN COURT
MEQUON, WISCONSIN

SCALE : 1/2" = 1'
UNLESS OTHERWISE NOTED

SHEET CONTENTS
OUTBUILDING SECTION

DATE
07. 01. 2024

project number
2417

sheet number
4 of 4

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11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Brian & Carly Borchert - Sunroom Addition at 8110 W. Bonniwell Road

Attachments:

Statement of Intent (PDF)
Site Plan (PDF)
Pictures (PDF)
Plans (PDF)



FRITSCH DESIGNS, LLC

Residential Architecture

1716 Terrace Drive
 Port Washington, WI 53074
 262.483.4048 (p) 262.284.2449 (f)
 fritschdesigns@yahoo.com

Statement of Intent

Date: June 28, 2024

Address: Borchert Residence
 8110 W. Bonniwell Road
 Mequon, WI

Project:

Owners request to expand the existing first floor to add a sunroom. The addition will be located on the "right" side of the home effecting only the front, right side and rear elevations. Though the addition is on the right side, the home is turned on the lot with the left elevation facing the street. Due to this site layout and the fact this home sits a distance from the street, the proposed addition will not be visible from the street.

The addition will not expand beyond the existing width of the main residence and will not increase the height of the existing structure.

The exterior will be finished as follows:

Roof: A gable roof will be constructed on the additions and will not extend above the existing ridge line.

Roof Material: Existing roofing material will remain. All new roof material will match the existing.

New Brick: All new brick will match existing brick on the residence

New trim/Panels: All new trim will be LP Smart Trim and Panels and will be painted to match existing trim

Windows: New casement windows will be installed to match existing exterior clad color

Attachment: Statement of Intent (9581 : Brian & Carly Borchert)

REGIONAL CONSULTING ENGINEERS, INC.
PROFESSIONAL ENGINEERS AND SURVEYORS
MILWAUKEE, WISCONSIN

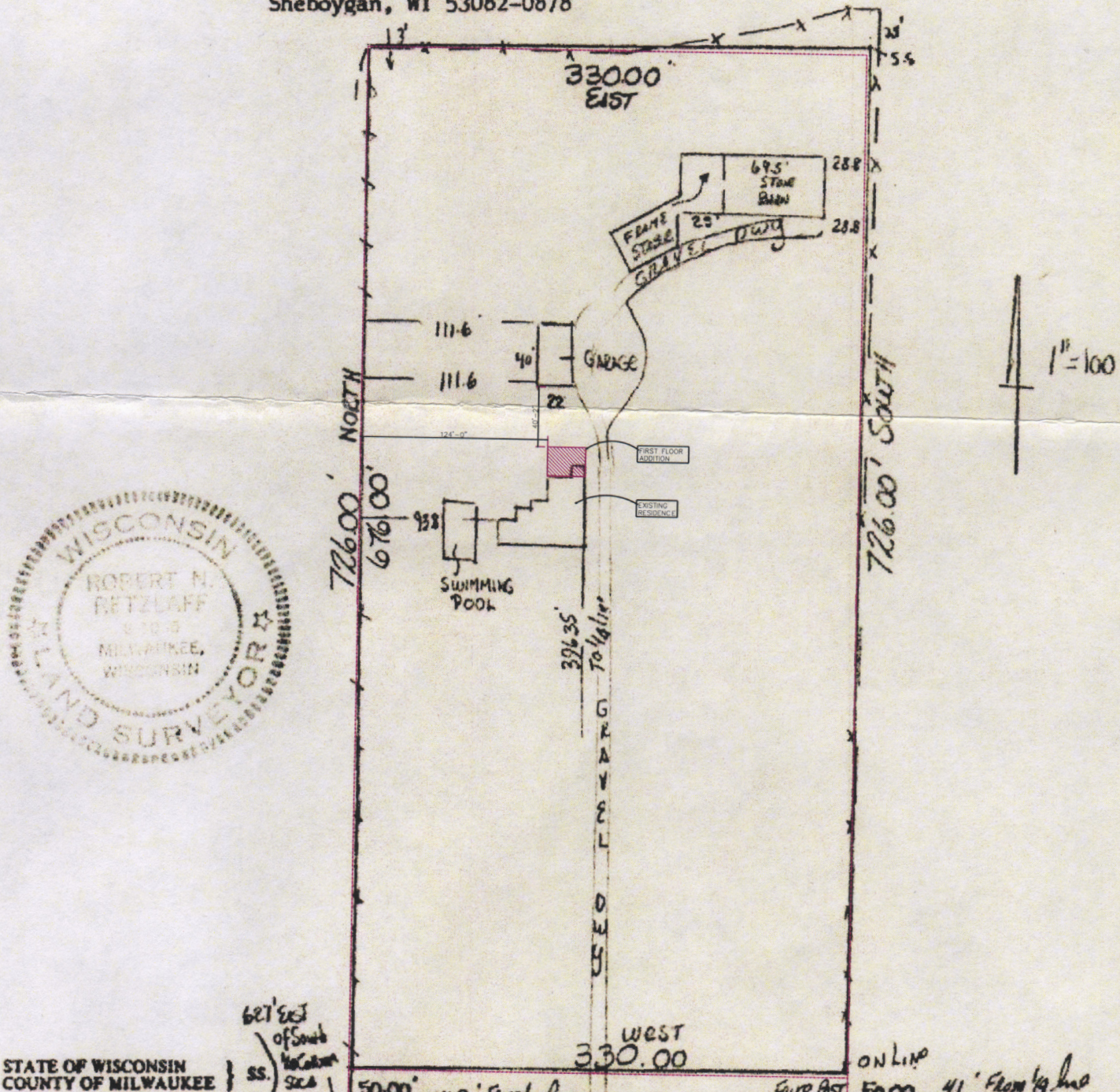
4842 NO. 88TH ST.

PHONE 464-4638

4

PLAT OF SURVEY

DESCRIPTION: All that part of the SW 1/4 of the SE 1/4 of Section 4, Township 9 North, Range 21 East in the City of Mequon, Ozaukee County, Wisconsin described as follows: Commencing at a point on the section line between Sections 4 and 9, which point is 627 feet east of the 1/4 section stone of Sections 4 and 9; thence North at right angles to said section line 726 feet; thence East, 330 feet on a line parallel to the said section line; thence south, at right angles to said section line, 726 feet to a point on the said section line; thence West, along the said section line 330 feet to the place of beginning. Said lands containing 5.52 acres including public highway right of way.
Buyer: William L. Owens
Seller: Richard Davies
Address: 8110 Bonniwell Road
REQUESTED BY: United Savings and Loan - Central Purchasing Department
512 South 8th Street
P.O. Box 878
Sheboygan, WI 53082-0878



STATE OF WISCONSIN }
COUNTY OF MILWAUKEE } ss. 621' East of South Mequon Sec 4

I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THE ABOVE MAP IS A TRUE REPRESENTATION THEREOF AND SHOWS THE SIZE AND LOCATION OF THE PROPERTY, ITS EXTERIOR BOUNDARIES, THE LOCATION AND DIMENSIONS OF ALL VISIBLE STRUCTURES THEREON, FENCES, APPARENT ENCROACHMENTS AND ROADWAYS AND VISIBLE ENCROACHMENTS, IF ANY.

THIS SURVEY IS MADE FOR THE EXCLUSIVE USE OF THE PRESENT OWNERS OF THE PROPERTY, AND ALSO THOSE WHO PURCHASE, MORTGAGE, OR GUARANTEE THE TITLE THERETO WITHIN ONE (1) YEAR FROM DATE HEREOF; AND AS TO THEM I CERTIFY THE ACCURACY OF SAID SURVEY AND MAP.

NOTE: AN AGREEMENT EXISTS BETWEEN REGIONAL CONSULTING ENGINEERS, INC. AND THE LENDING INSTITUTION TO OMIT THE RESETTING OF ANY MISSING LOT CORNER PIPES ON THIS SURVEY UNLESS SPECIFICALLY REQUESTED AT THE TIME OF SURVEY ORDER PLACEMENT.

DATED THIS 28th DAY OF November 19 85. [Signature] SURVEYOR

JOB NO 851617

Attachment: Site Plan (9581 : Brian & Carly Borchert)



Attachment: Pictures (9581 : Brian & Carly Borchert)



Attachment: Pictures (9581 : Brian & Carly Borchert)



Attachment: Pictures (9581 : Brian & Carly Borchert)



Attachment: Pictures (9581 : Brian & Carly Borchert)



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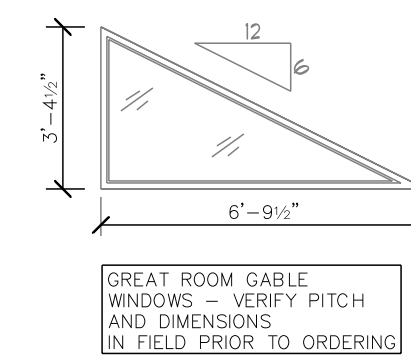
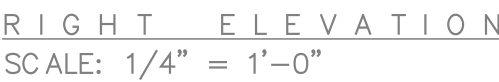
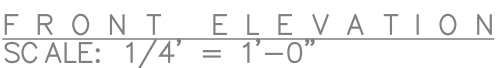


Attachment: Pictures (9581 : Brian & Carly Borchert)



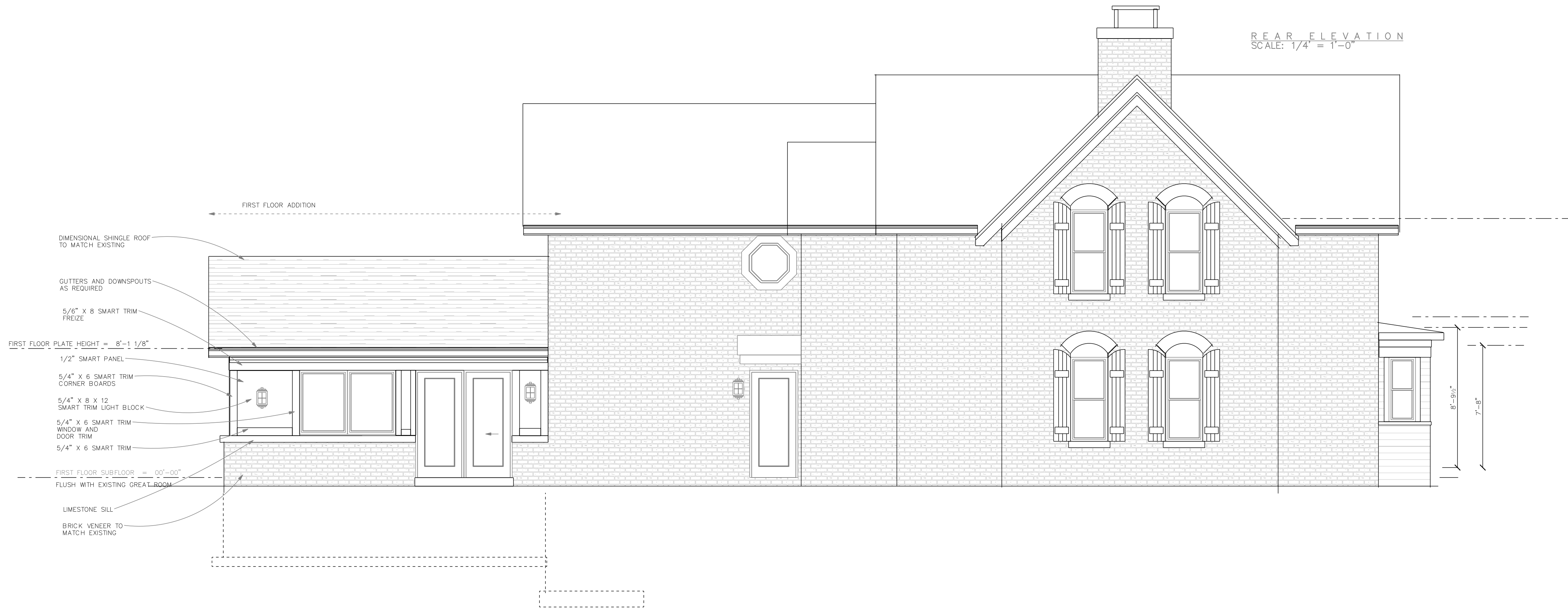
Attachment: Pictures (9581 : Brian & Carly Borchert)

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ANY DUPLICATION WITHOUT THE
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RESULT IN LEGAL ACTION.



DATE	REVISION	DATE	REVISION
06/06/24	PRELIMINARY PLAN		
06/17/24	PRELIMINARY PLAN		
06/28/24	PRELIMINARY PLAN		

BID DATE
FINAL DATE
REVISIONS
BORCHERT RESIDENCE 8110 W BONNIVELL ROAD MEQUON, WI 53097
SHEET 1 OF 4



Fritsch Designs, LLC
1716 Terrace Drive
Port Washington, WI
53074
262-483-4048

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DATE	REVISION	DATE	REVISION
06/06/24	PRELIMINARY PLAN		
06/17/24	PRELIMINARY PLAN		
06/28/24	PRELIMINARY PLAN		

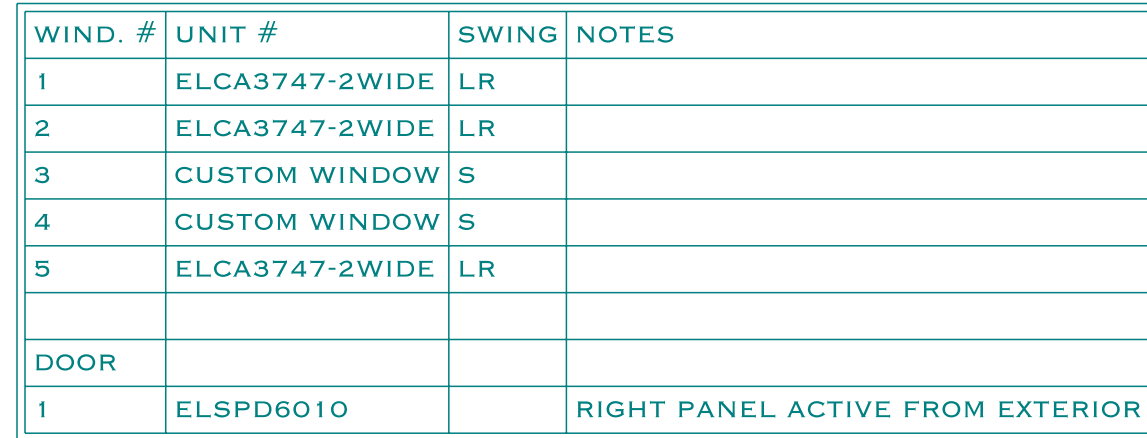
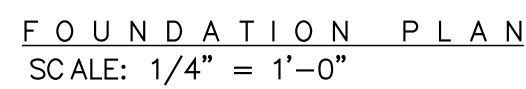
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FINAL DATE

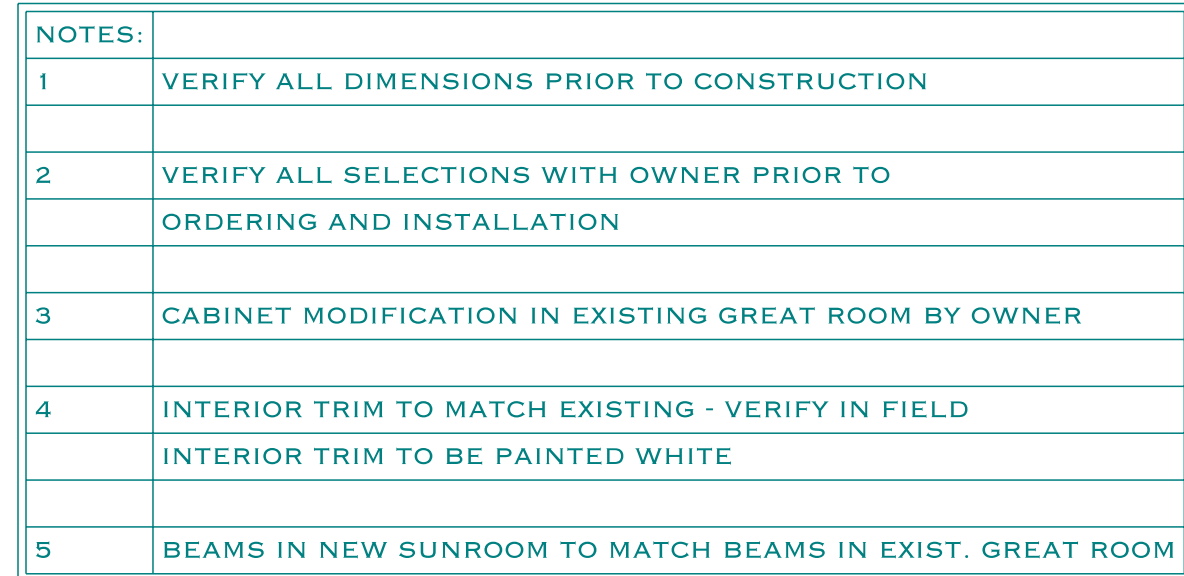
REVISIONS

Borchert Residence
8110 W Bonniwell Road
Mequon, WI 53097

SHEET
2 OF 4



DATE	REVISION	DATE	REVISION
06/06/24	PRELIMINARY PLAN		
06/17/24	PRELIMINARY PLAN		
06/28/24	PRELIMINARY PLAN		



OPTIONS	
1	FINISH CARPENTRY BY OWNER
2	VERIFY HVAC WITH CONTRACTOR
	OPTION SPLIT SYSTEM UNIT

**FINAL DATE**

REVISIONS

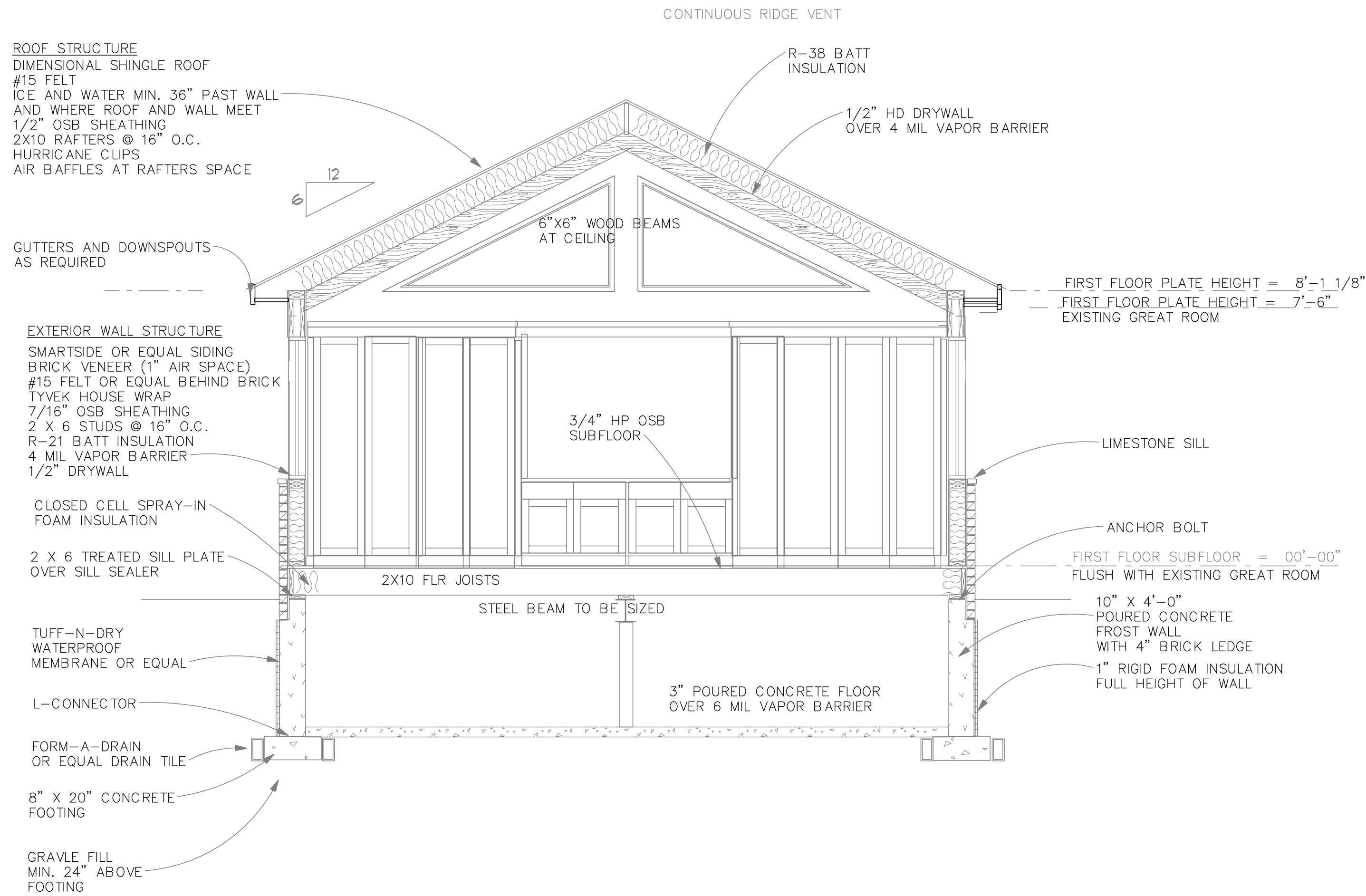
ORCHERT RESIDENCE
00 W BONNIWELL ROAD
MEQUON, WI 53097

SHEET

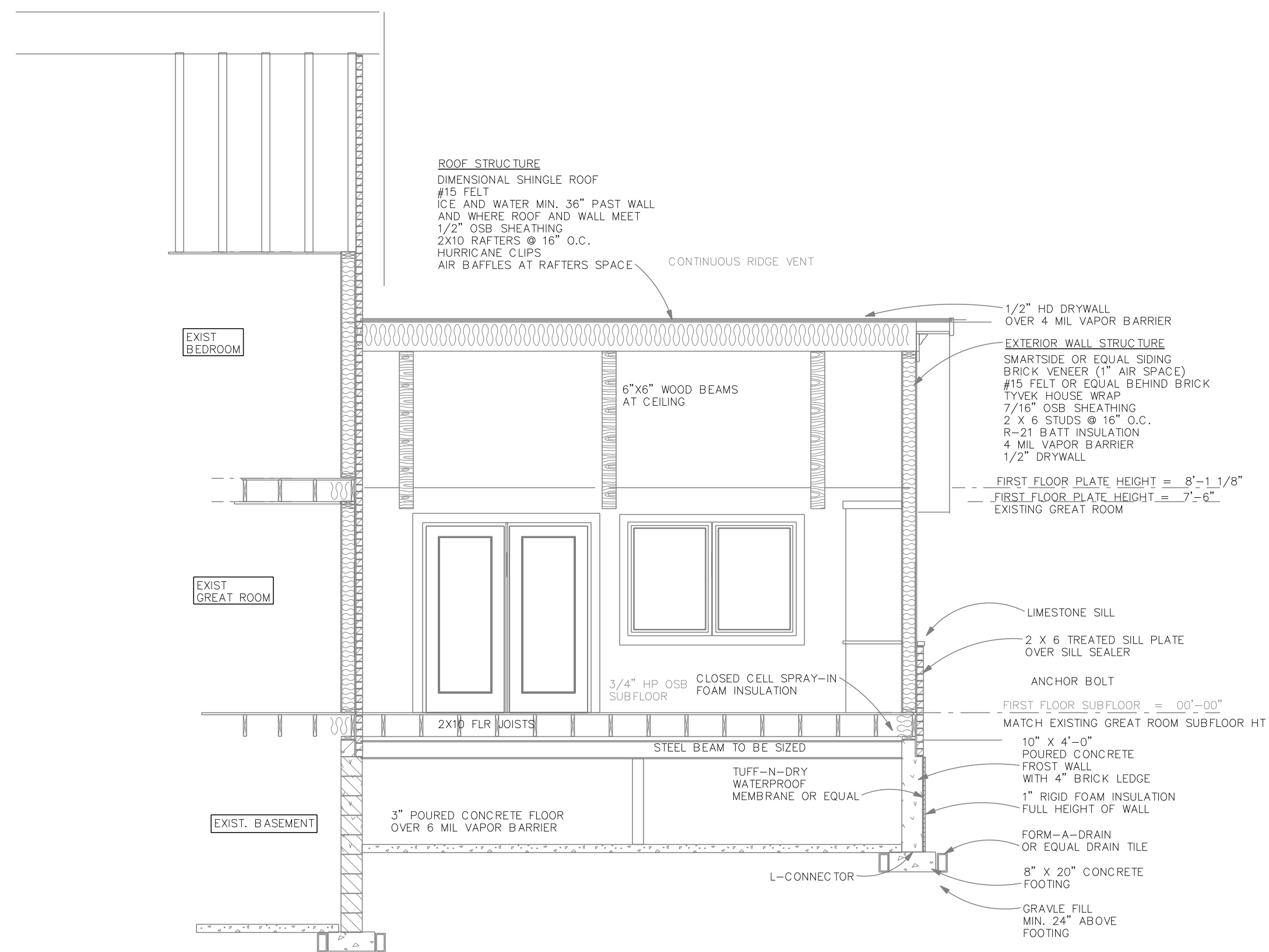
3 OF 4

FRTSCH DESIGNS, LLC
1716 TERRACE DRIVE
PORT WASHINGTON, WI
53074
262-483-4048

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SECTION A-A



SECTION B-B

DATE	REVISION	DATE	REVISION
05/06/24	PRELIMINARY PLAN		
06/17/24	PRELIMINARY PLAN		
06/28/24	PRELIMINARY PLAN		

BID DATE
FINAL DATE
REVISIONS
BORCHERT RESIDENCE 8110 W BONNIEWELL ROAD MEQUON, WI 53097
SHEET 4 OF 4



11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: James Collins - New Outbuilding at 14149 N. Davis Road

Attachments:

Statement of Intent (PDF)

Survey (PDF)

Pictures (PDF)

Plans (PDF)

James Collins
14149 N. Davis Road
Mequon, WI 53097
(414) 469-7666
jcollins11@gmail.com

Statement of Intent

This proposal seeks approval for a storage structure behind the main home at 14149 N. Davis Road in Mequon. The structure would sit on the southeast corner of the footprint of a former frame barn that was destroyed (new structure will not be as large as the former barn). The entire structure measures 46' x 30', interior clear height of 12', and two 6' covered, open-air porches on the east and west sides. The exterior color was chosen to complement the main home. The structure will be uninsulated and does not include any plumbing or electrical elements.

Attachment: Statement of Intent (9582 : James Collins)

LEGAL DESCRIPTION:

That part part of the Northeast 1/4 of Section 33, Township 14 North, Range 12 East, in the City of Mequon, Ozaukee County, Wisconsin, bounded and described as follows:

Commencing at the Southwest corner of said 1/4 Section, thence North along the East line of said 1/4 Section, 811.41 feet to the point of beginning of the line to be described; thence continuing North along the East line of said 1/4 Section, 511.86 feet to a point; thence S89°55'47"W on a line parallel to the North line of the Southwest 1/4 of said 1/4 Section, 887.26 feet to a point; thence South on a line parallel to the East line of said 1/4 Section, 502.84 feet to a point; thence East on a line at right angles to the East line of said 1/4 Section, 687.00 feet to the point of beginning.

Said parcel containing 346.18 acq. ft./8.00 acres of land, more or less.

SURVEY CERTIFICATE

I have surveyed the above described property and the above map is a true representation thereof and shows the size and location of the property, its exterior boundaries, the location and dimensions of all visible structures thereon, boundary fences, apparent easements, roadways, and visible encroachments, if any.

This survey is made for the exclusive use of the present owners of the property, and also those who purchase, mortgage, or guarantee the title thereof within one (1) year from date hereof.

9-12-2011

Date

James G. Schneider

Surveyor - S-2127



THIS IS AN ORIGINAL PRINT
ONLY IF STAMPED IN RED

NOTES:

1. ALL BEARINGS ARE REFERENCED TO
GRID NORTH OF THE WISCONSIN STATE PLANE
COORDINATE SYSTEM, SOUTH ZONE (NAD-27)

2. () INDICATES DIRECTION OR
DISTANCE PER DEED

"PROPERTY SURVEY"

for

Estate of Tommy L. Strege
c/o Ray Fuerstenberg

14149 N. Davis Road
Mequon, WI

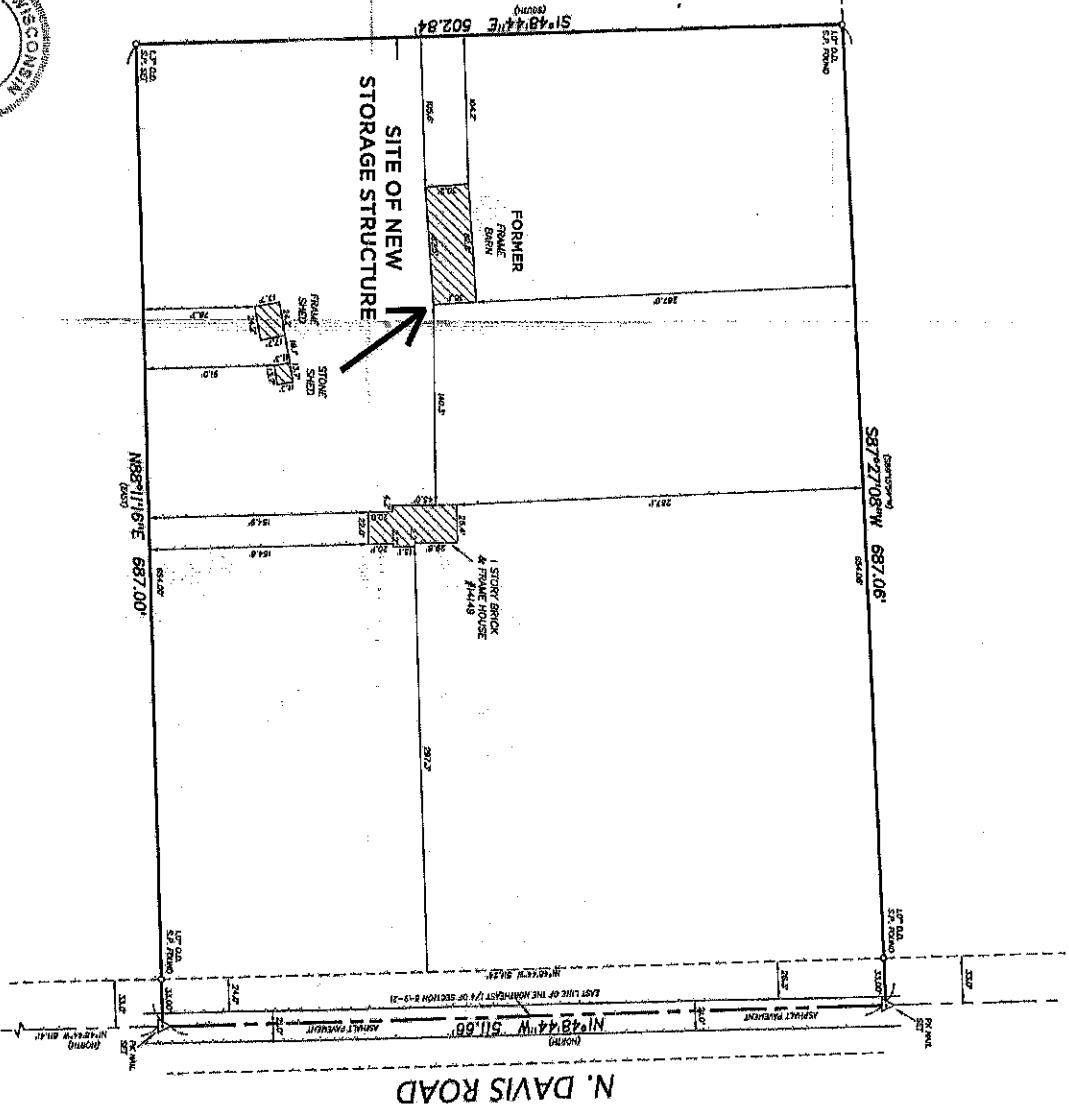
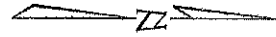
DATE	REVISION	BY	APP'D

NSE

NORTH SHORE ENGINEERING, INC.
Consulting Engineers & Land Surveyors
1443 N. Fox Road, Mequon, WI 53090
(262) 231-0000 • FAX: (262) 242-0007
www.northshoreengineering.com

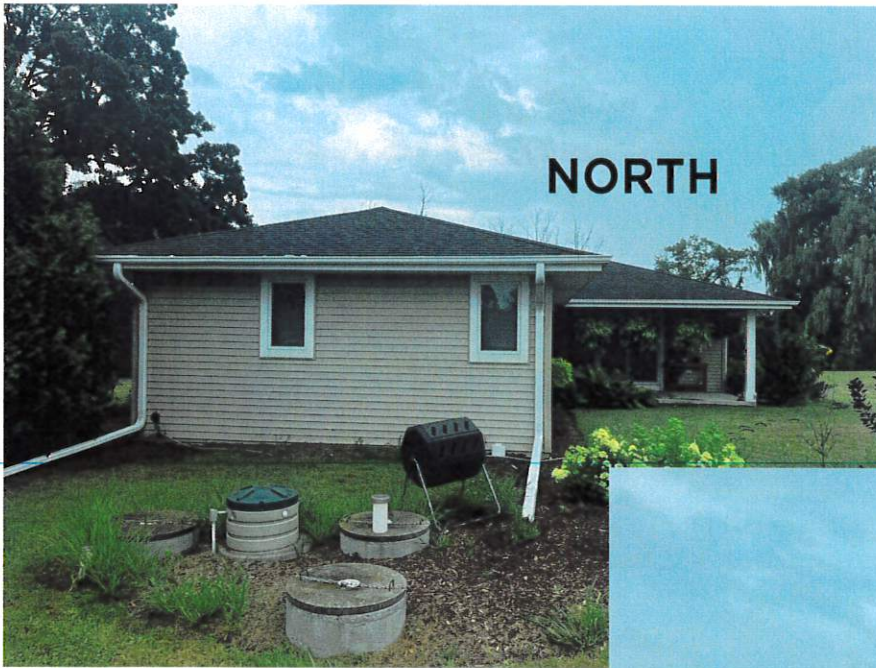
DATE:	SEPTEMBER 12, 2011	DRAWN BY:	JGS
FIELD CREW:	D.G. & A.H.E.	PERM:	15-320-11

SCALE 1" = 60'

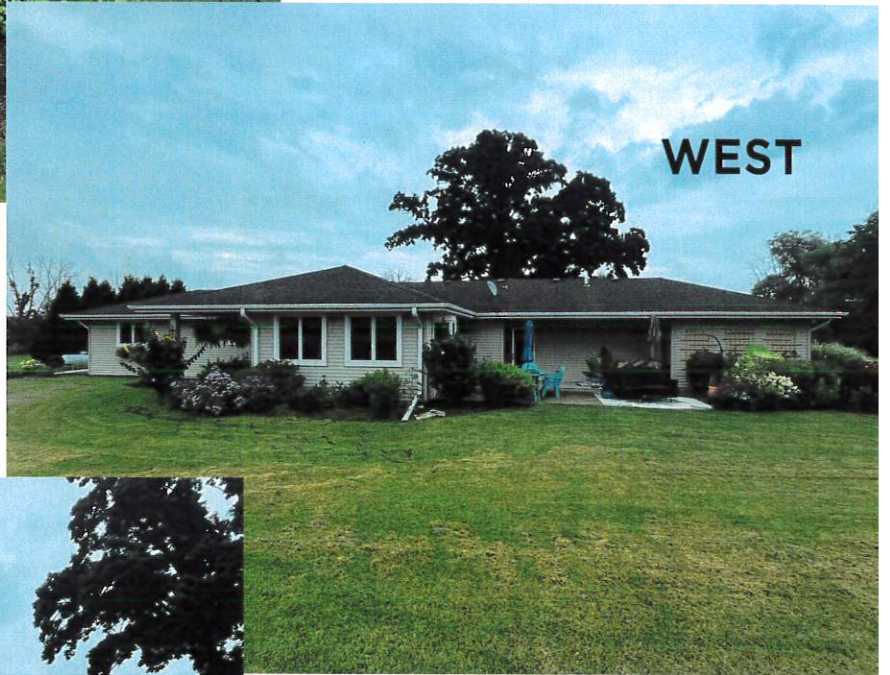


14149 N. DAVIS ROAD

NORTH

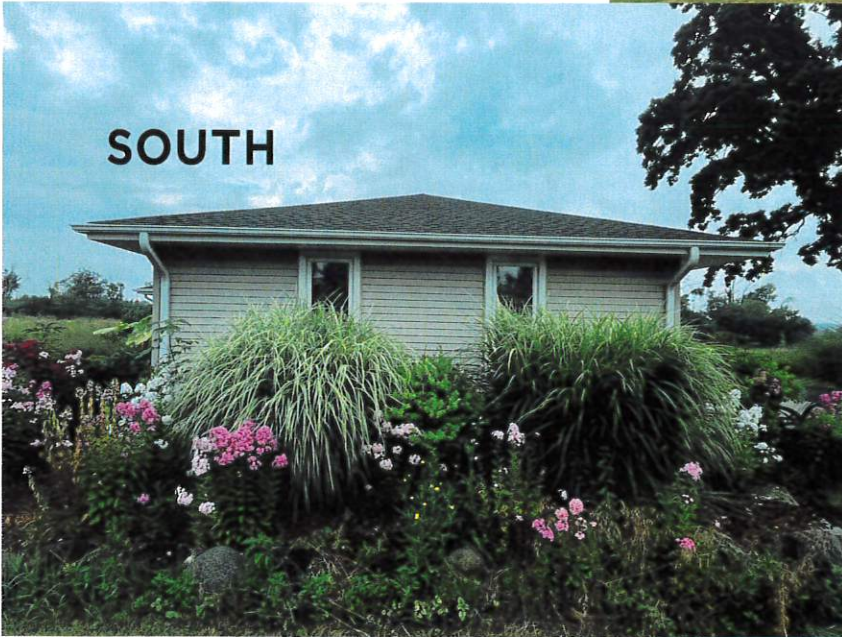


WEST

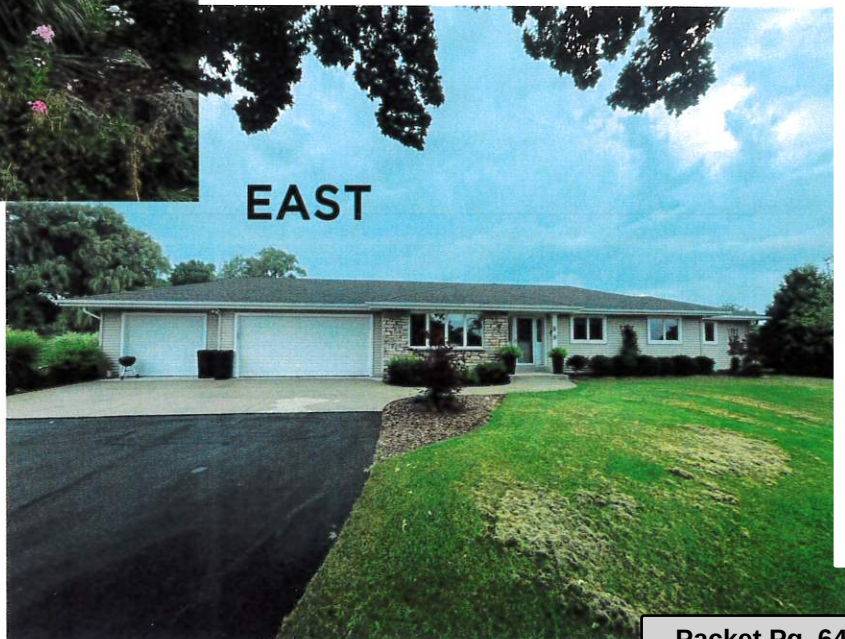


Attachment: Pictures (9582 : James Collins)

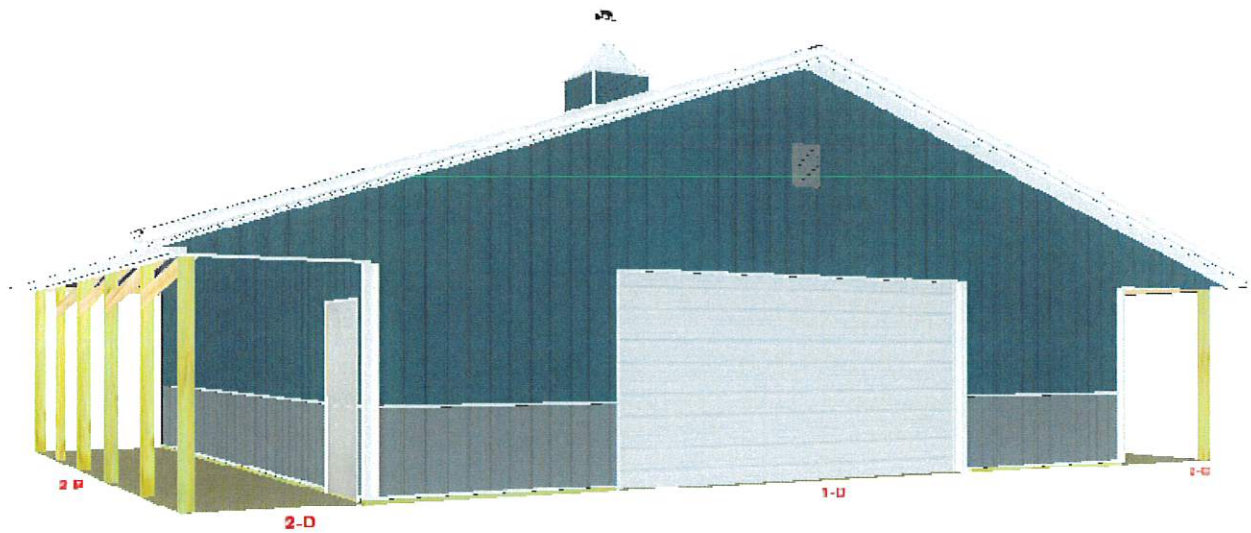
SOUTH



EAST



Elevation Views



Attachment: Plans (9582 : James Collins)

Date: 07/29/2024 - 8:49 AM

Design Name: 46x30 Pole Barn design as of
7/29/24

Design ID: 302954145664

Estimated price: NA *

*We're unable to price your project due to truss loading
requirements. Please see a Menard's Team Member for assistance.

MENARDS

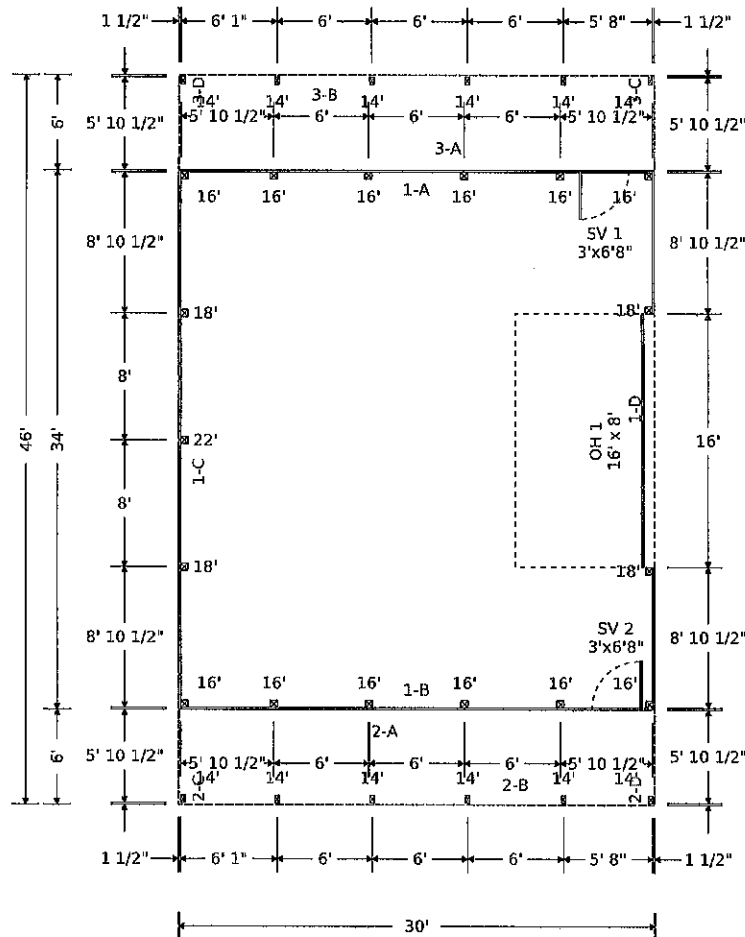
Design & Buy
POST FRAME**How to recall and purchase a saved design at home****OR**

1. On Menards.com, enter "Design & Buy" in the search bar
2. Select the Buildings Designer
3. Recall your design by entering Design ID:
302954145664
4. Follow the on-screen purchasing instructions

How to purchase at the store

1. Enter Design ID: 302954145664 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions.

FLOOR PLAN



Attachment: Plans (9582 : James Collins)



Building Information

1. Building Use:	Code Exempt
2. Width:	34 ft
3. Length:	30 ft
4. Inside Clear Height:	10 ft
5. Floor Finish:	Dirt / Gravel
6. Post Embedment Depth:	4 ft
7. Footing Pad Size:	14 in x 4 in

Wall Information

1. Post Spacing:	6 ft
2. Post Type:	Posts
3. Girt Type:	Flat
4. Exterior Wall Panel:	Pro-Rib
5. Exterior Wall Color:	Midnight Blue
6. Trim Color:	Brite White
7. Wainscot Size:	36 in
8. Wainscot Color:	Knight's Armor
9. Sidewall A Wainscot:	Yes
10. Sidewall B Wainscot:	Yes
11. Endwall D Wainscot:	Yes
12. Endwall C Wainscot:	Yes
13. Gable Accent:	No
14. Sidewall A Eave Light:	None
15. Sidewall B Eave Light:	None
16. Wall Fastener Location:	In the Flat
17. Gradeboard Type:	2x6 Treated Gradeboard

Interior Finish

1. Wall Insulation Type:	None
2. Wall Liner Type:	None
3. Roof Condensation Control:	None

Roof Information

1. Pitch:	4/12
2. Truss Spacing:	6 ft
3. Roof Type:	Pro-Rib
4. Roof Color:	Brite White
5. Ridge Options:	Universal Ridge Cap
6. Roof Fastener Location:	On the Rib
7. Endwall Overhangs:	1 ft
8. Sidewall Overhangs:	1 ft
9. Fascia Size:	6 in Fascia
10. Soffit Color:	Brite White
11. Skylight Size:	7 ft
12. Skylight Quantity:	4
13. Ridge Vent Quantity:	None
14. Ceiling Liner Type:	None
15. Purlin Placement:	On Edge
16. Ceiling Insulation Type:	None

Accessories

1. Outside Closure Strip:	Standard
2. Inside Closure Strip:	Standard
3. Gable Vent Type:	14"x18"
4. Gable Vent Quantity:	2
5. Gable Vent Color:	Knight's Armor
6. Cupola Size:	36"x36"
7. Gutters:	Yes
8. Gutters Color:	Brite White
9. Cupola Quantity:	1
10. Weathervane Type:	Hog
11. End Cap:	No
12. Mini Print:	Email Only

Attachment: Plans (9582 : James Collins)



Leans

Building 2

Attaching wall:	B
Endwall overhang length:	1 ft
Sidewall overhang length:	1 ft
Add snow guards:	No
Remove every other post:	No
Length:	30 ft
Depth:	6 ft
Drop Distance From Roof:	0 ft
Position From Left:	0 ft
Approximate Clear Height:	7 ft
Open interior wall:	No
Open exterior walls:	Side And End Walls

Building 3

Attaching wall:	A
Endwall overhang length:	1 ft
Sidewall overhang length:	1 ft
Add snow guards:	No
Remove every other post:	No
Length:	30 ft
Depth:	6 ft
Drop Distance From Roof:	0 ft
Position From Left:	0 ft
Approximate Clear Height:	7 ft
Open interior wall:	No
Open exterior walls:	Side And End Walls

Attachment: Plans (9582 : James Collins)



Doors & Windows

Name	Size	Wall
Window	48"x36"	1-A
Service Door	36"x80"	1-A
Service Door	36"x80"	1-B
Window	48"x36"	1-C
Window	48"x36"	1-C
Overhead Door	16' x 8'	1-D

Lean Open Walls

Wall	Every Other Post Removed
2-B	No
2-C	No
2-D	No
3-B	No
3-C	No
3-D	No

Floor type (concrete, dirt, gravel) is NOT included in estimated price. The floor type is used in the calculation of materials needed. Labor, foundation, steel beams, paint, electrical, heating, plumbing, and delivery are also NOT included in estimated price. This is an estimate. It is only for general price information. This is not an offer and there can be no legally binding contract between the parties based on this estimate. The prices stated herein are subject to change depending upon the market conditions. The prices stated on this estimate are not firm for any time period unless specifically written otherwise on this form. The availability of materials is subject to inventory conditions. MENARDS IS NOT RESPONSIBLE FOR ANY LOSS INCURRED BY THE GUEST WHO RELIES ON PRICES SET FORTH HEREIN OR ON THE AVAILABILITY OF ANY MATERIALS STATED HEREIN. All information on this form, other than price, has been provided by the guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully. MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST. BECAUSE OF WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS. THE PLANS AND/OR DESIGNS PROVIDED ARE NOT ENGINEERED. LOCAL CODE OR ZONING REGULATIONS MAY REQUIRE SUCH STRUCTURES TO BE PROFESSIONALLY ENGINEERED AND CERTIFIED PRIOR TO CONSTRUCTION.

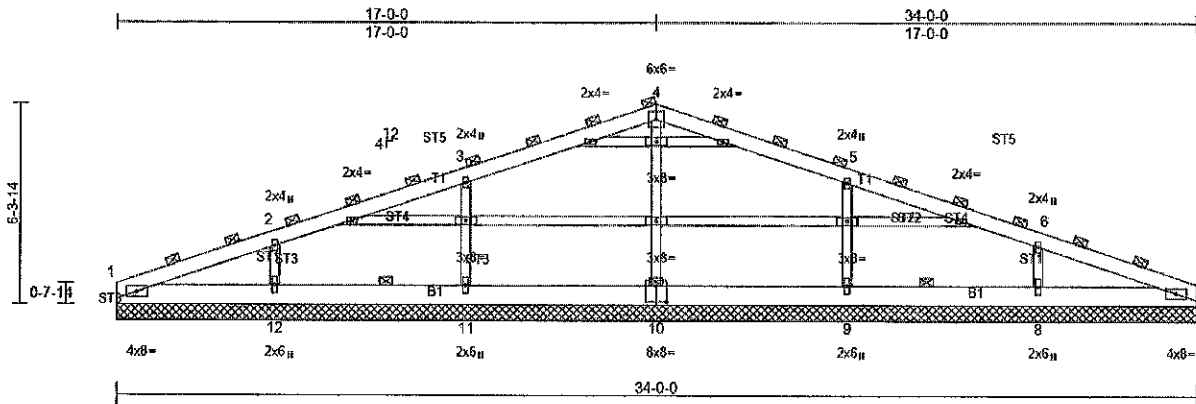
Job QTREC0622542	Truss P1E	Truss Type COMMON	Qty 1	Ply 1	Job Reference (optional)
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Midwest Manufacturing, Eau Claire, WI

Run: 8.32 S Nov 19 2019 Print: 8.320 S Nov 19 2019 MITek Industries, Inc. Fri Mar 06 10:18:44

Page: 1

ID: jDOTCmKZewgmIq_Sy3zdgRe-Q891mkuURmm6bQn8QXV0112V8SG7b?L_nXVIM4zdgMP



Scale = 1/56.9

Plate Offsets (X, Y): [10;0-4;0,0-6;0]

Loading	(psf)	Spacing	4-6-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20
Snow (Ps/Pg)	17.0/30.0	Lumber DOL	1.15	BC	0.18	Vert(TL)	n/a	-	n/a	999	197/144
TCOL	4.0	Rep Stress Incr	NO	WB	0.38	Horiz(TL)	0.00	7	n/a	n/a	
BCLL	0.0	Code	IBC2015/TPI2014	Matrix-MR							
BCDL	5.0										Weight: 208 lb FT = 15%

LUMBER

TOP CHORD 2x8 SP 2400F 2.0E
 BOT CHORD 2x8 SPF No.2
 OTHERS 2x4 SPF Stud

BRACING

TOP CHORD 2-0-0 oc purlins (6-0-0 max.).
 BOT CHORD 10-0-0 oc bracing.

REACTIONS All bearings 34-0-0.

(lb) - Max Horiz 1=-187 (LC 13), 21=-187 (LC 13)
 Max Uplift All uplift 100 (lb) or less at joint(s) 1, 7, 21 except 8=-440 (LC 8), 9=-440 (LC 13), 10=-174 (LC 8), 11=-440 (LC 12), 12=-442 (LC 12)
 Max Grav All reactions 250 (lb) or less at joint(s) except 1=281 (LC 2), 7=281 (LC 2), 8=796 (LC 2), 9=926 (LC 18), 10=720 (LC 2), 11=926 (LC 18), 12=796 (LC 2), 21=281 (LC 2)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 3-4=-243/297, 4-5=-243/277

WEBS 4-10=-579/185, 3-11=-801/468, 2-12=-605/411, 5-9=-801/465, 6-8=-805/411

JOINT STRESS INDEX

1 = 0.37, 2 = 0.38, 3 = 0.38, 4 = 0.97, 5 = 0.38, 6 = 0.38, 7 = 0.37, 8 = 0.26, 9 = 0.27, 10 = 0.22, 11 = 0.27, 12 = 0.26, 13 = 0.25, 14 = 0.36, 15 = 0.25, 16 = 0.38, 17 = 0.25, 18 = 0.25, 19 = 0.38 and 20 = 0.38

NOTES (14)

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=105mph (3-second gust) Vasd=83mph; TCCL=2.4psf, BCDL=0.6psf, h=25ft; Cat. I; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 Plate DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- TCCL: ASCE 7-10; Pr=20.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pg=30.0 psf (ground snow); Ps=17.0 psf (roof snow; Lumber DOL=1.15 Plate DOL=1.15); Category I; Exp C; Fully Exp.; Ct=1.20; Unobstructed slippery surface
- Roof design snow load has been reduced to account for slope.
- Unbalanced snow loads have been considered for this design.
- Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
- All plates are 2x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Vertical gable studs spaced at 8-0-0 oc and horizontal gable studs spaced at 2-6-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 1 except (if=lb) 10=173, 11=440, 12=441, 9=440, 8=439.
- This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- Plate Approval Numbers: ESR-1988 and ESR-1352.

Continued on page 2



11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Don & Mary McLean - New Single-Family Residence at 3761 W. Club Circle

Attachments:

Statement of Intent (PDF)

Site Survey (PDF)

Plans (PDF)

Statement of intent

McLean Residence

Lot 5 at the Green

To build a single family home that takes advantage of the topography and the natural characteristics of the land and surrounding outlot.



INTERCOMPLAINTS
1025 W. GLEN OAK LANE #202
MILWAUKEE, WI 53092
262-246-6140

MCLEAN RESIDENCE

HOUSE ON LOT

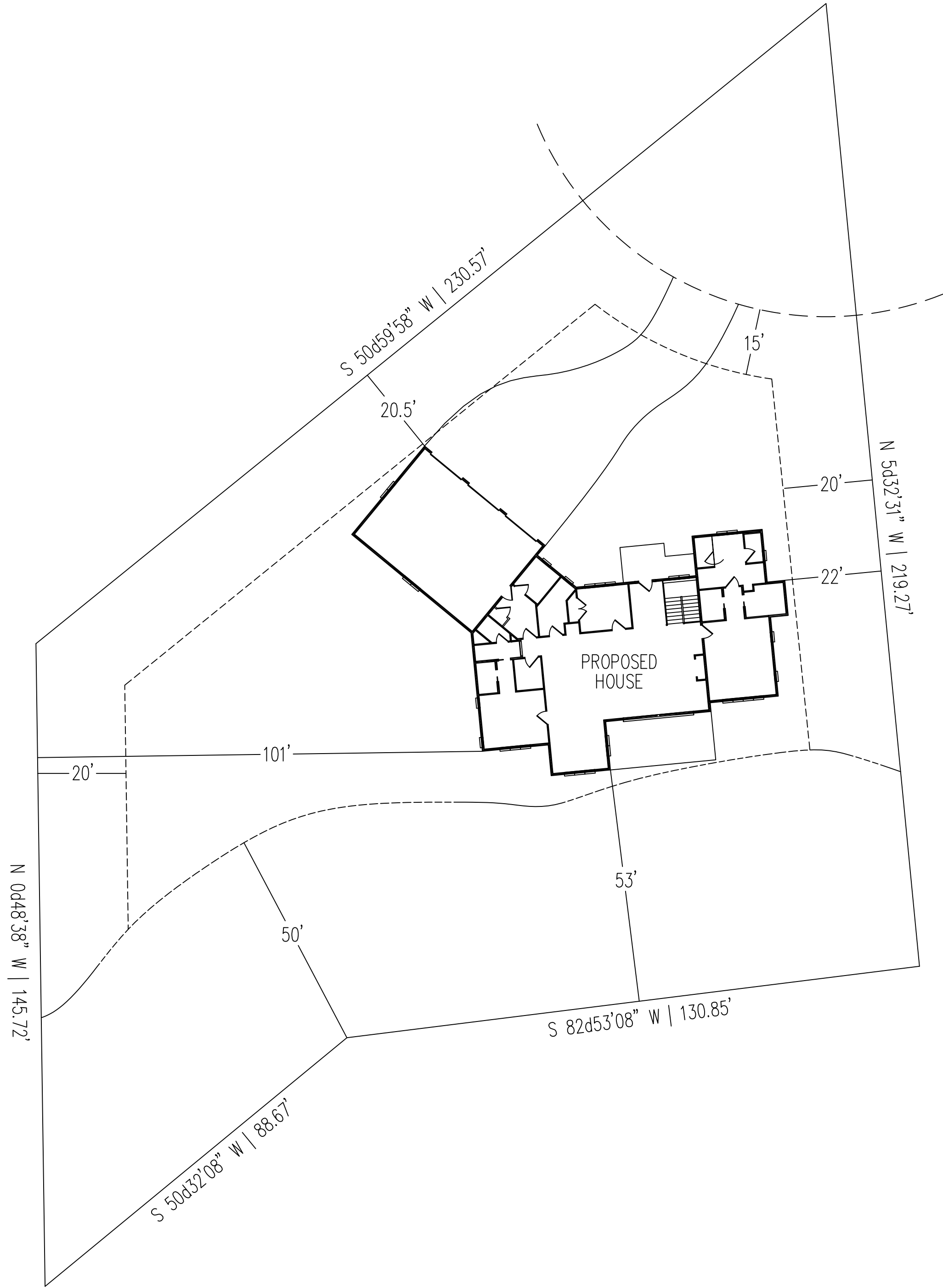
1" = 20'-0"

5-28-24

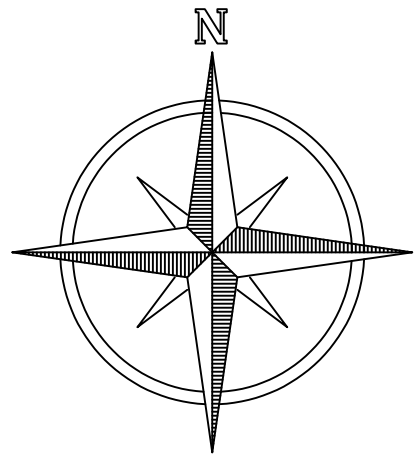
2024-09

DRAWN BY: F.M.D.
P.L.A.: scott@mcleanres.com
MOBILE: 414-246-6960
NOTE:
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A7



HOUSE ON LOT 5
0.75 ACRE 1"=20'-0"



ROOF TRUSS HEEL HEIGHTS

10 / 12 PITCH - 12" HEEL - 12" OHWG

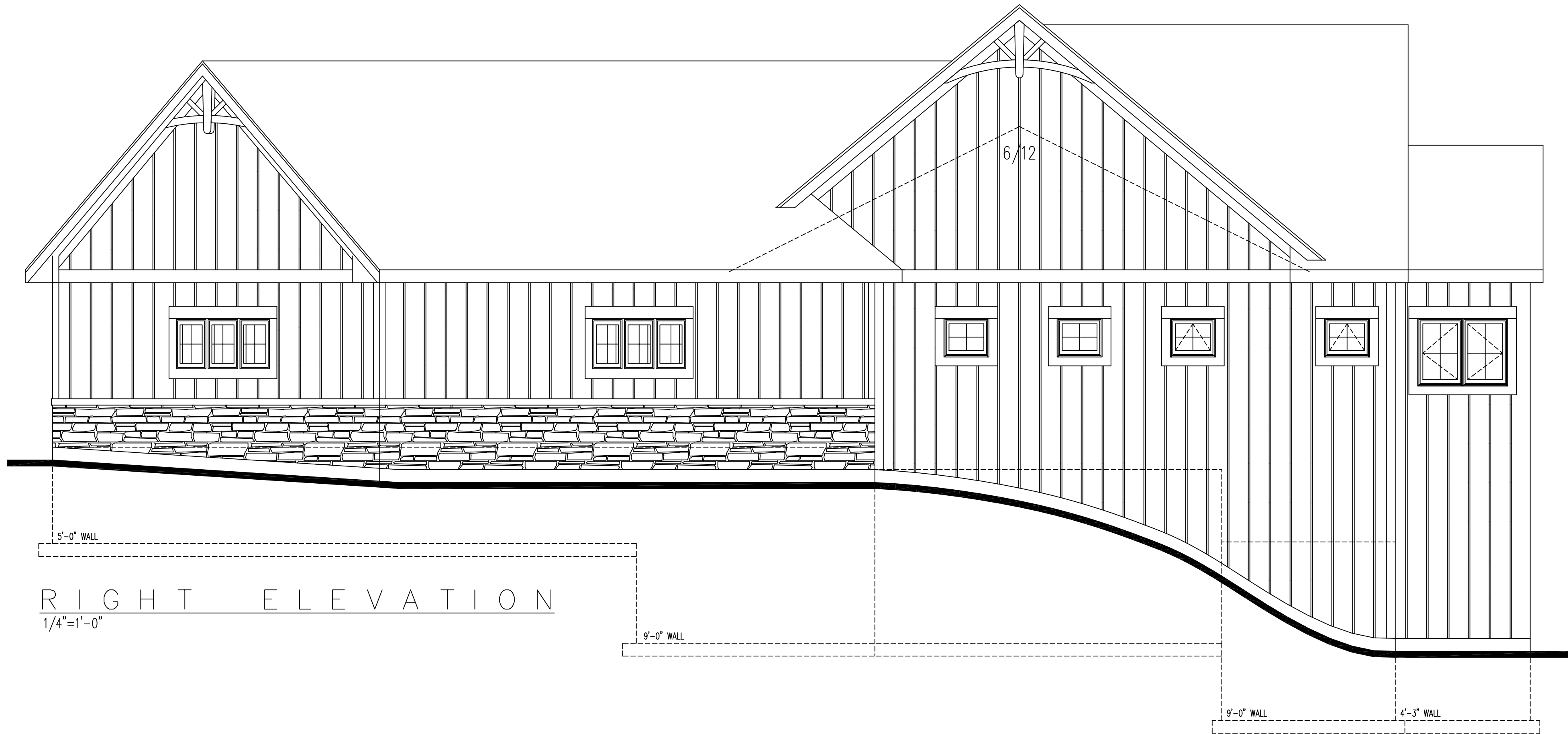
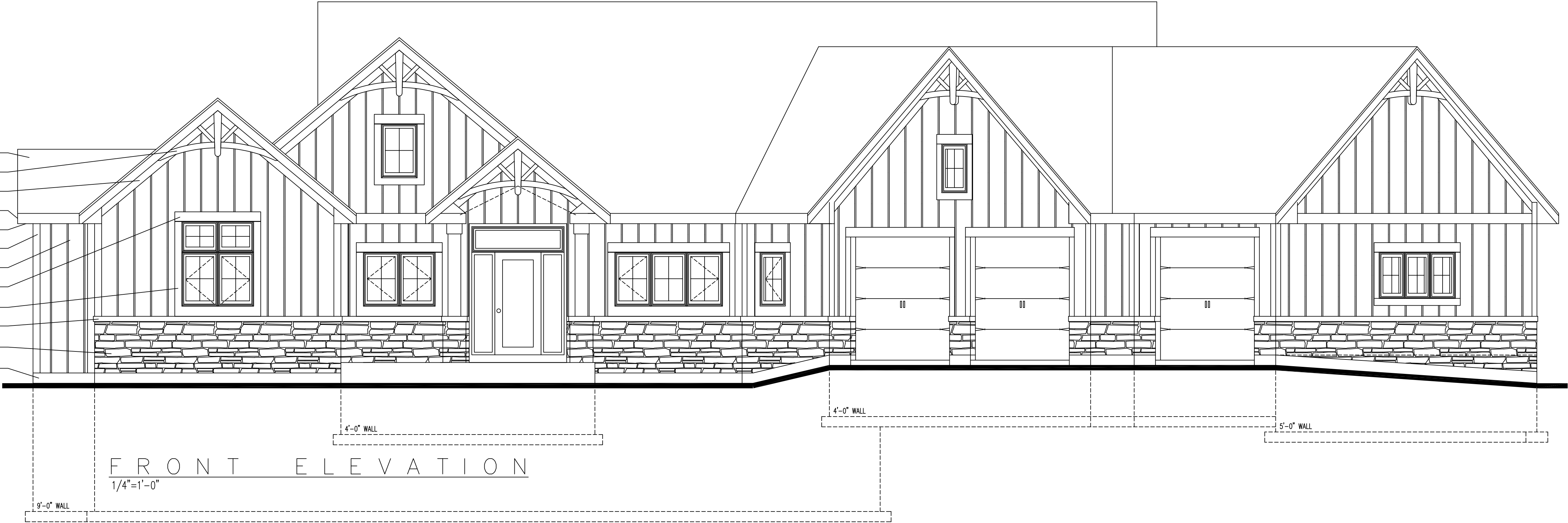
EXTERIOR SIDING NOTES:

ALL EXTERIOR CORNER BOS. TO BE 5 1/2"
ALL INSIDE CORNER BOS. TO BE 1 1/2"
REMOVE ALL BRICK MOLD OFF EXTERIOR DOORS
AND REPLACE WITH 5 1/2" TRIM BD. EXCEPT
FRONT DOOR.
ALL TRIM BOS. TO BE 5 1/2" OTHER THAN NOTED

UPDATES

5/24/24 BEGIN DRAWINGS
6/5/24 UPDATED FLOOR PLANS
6/7/24 PRELIMINARY ELEVATIONS, FOUNDATION
6/11/24 MD ELEVATION, ROOF PLAN UPDATES
6/12/24 MD 6/8 WINDOWS/DOORS
6/12/24 ELEVATIONS, FND, FLOOR PLANS, COV. PATIO
6/18/24 UPDATED DRAWING SET FOR BIDS
6/25/24 REDLINES FOR ELECTRIC, FND
6/27/24 FLOORPLAN, GARAGE STAIRS, WINDOW SIZING, 2" GARAGE MOVE
7/1/24 MD FOOTINGS, FND ELEVATIONS, ROOF INTERSECTS, SECTIONS
7/1/24 MD ROOF FIX, ELECTRIC, ELEVATION CHANGES, GARAGE SECTION
7/12/24 BID SET

DIMENSIONAL SHINGLES
GABLE DETAIL (TYP.)
5/4"x6" FRIEZEC BOARD
5/4"x8" MIRATEC FASCIA
HARDIE SOFFIT W/ INT. VENTS
5/4"x6" MIRATEC TRIM
LP BOARD & BATTEN
5/4"x8" MIRATEC TRIM
5/4"x6" MIRATEC TRIM
4" STONE CAP
STONE VENEER
8" TO GRADE



Mc

WHEELSON BUILDERS
1025 W. GREENGLADE #202
NEOLIN, VA. 22092
202-246-6140

MCLEAN RESIDENCE

ELEVATIONS

1/4"=1'-0"

7-12-2024

2024-09

DRAWN BY: F.M.D.
F.M.D.
SCALE: 1/4"=1'-0"
DATE: 04-28-2020
NOTE:
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THIS FIRM. NO PART OF THESE PLANS
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THIS FIRM.

AI



WHEELER BUILDERS
1025 W. GLEN OAK LANE #202
NEEDHAM, MA 02462
202-246-0140

MCLEAN RESIDENCE

ELEVATIONS

1/4"=1'-0"

7-12-2024

2024-09

DRAWN BY: F.M.D.
SCALE: 1/4"=1'-0"
DATE: 04-28-2020

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A2

5/4 X 8 MIRATEC BAND
DIMENSIONAL SHINGLES
5/4"x8" MIRATEC FASCIA
HARDIE SOFFIT W/ INT. VENTS
5/4"x6" MIRATEC TRIM
LP BOARD & BATTEN
5/4"x8" MIRATEC TRIM
5/4"x6" MIRATEC TRIM
4" STONE CAP
STONE VENEER
8" TO GRADE

5'-0"

5'-0" WALL

R E A R E L E V A T I O N

1/4"=1'-0"

4'-3" WALL

9'-0" WALL

5/12

4'-0" WALL

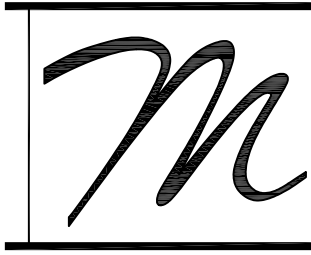
9'-0" WALL

4'-3" WALL

7'-0" WALL

L E F T E L E V A T I O N

1/4"=1'-0"



INTELSON BUILDERS
1025 W. GLENDALE AVE #202
MILWAUKEE, WI 53224
262-246-6140

MCLEAN RESIDENCE

FOUNDATION

1/4"=1'-0"

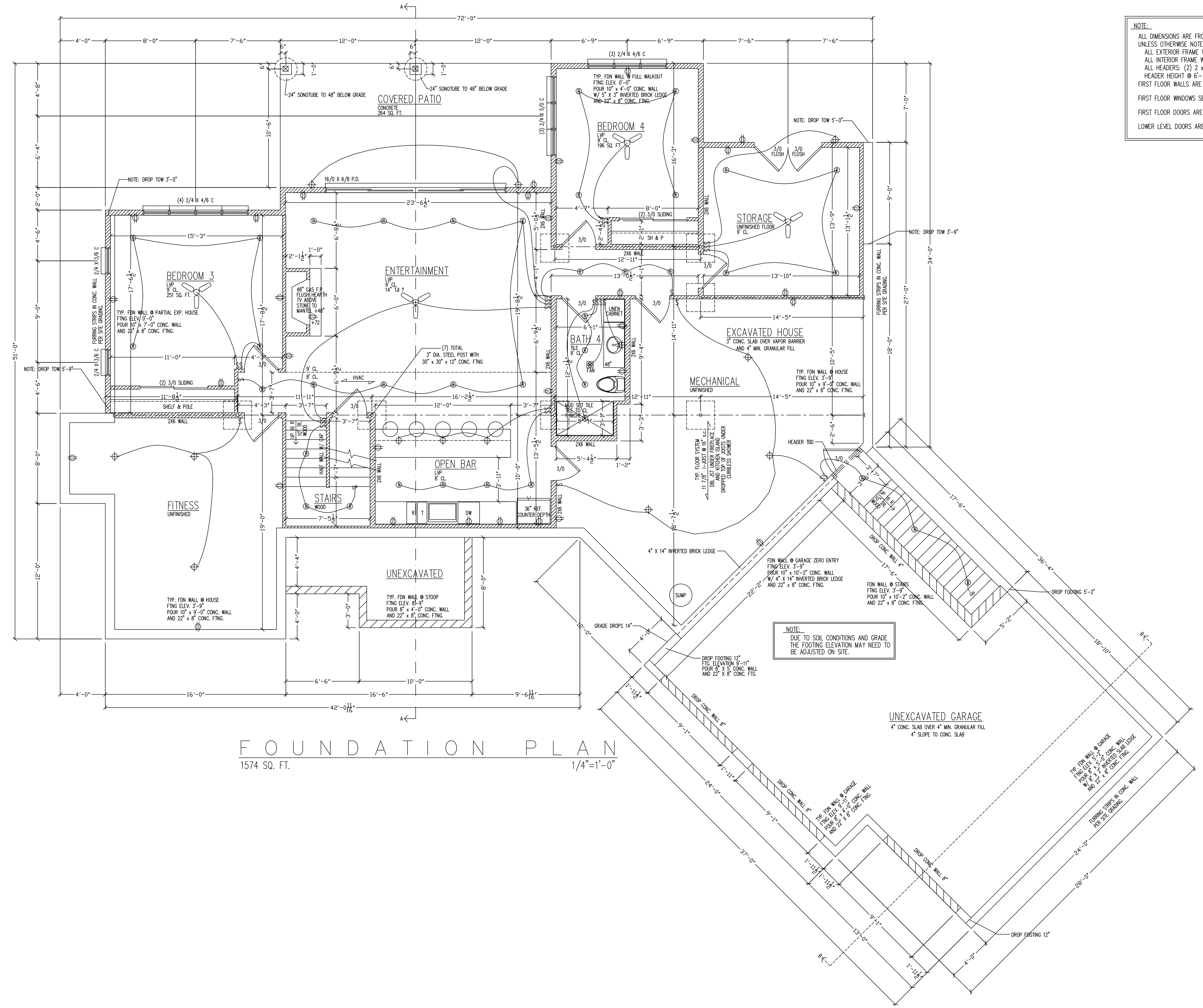
7-12-2024

2024-09

DRAWN BY: F.M.D.
SCALE: 1/4"=1'-0"
DATE: 04-28-2020

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A3



[illegible]

F I R S T F L O O R

2510 SQ. FT. 1/4"=1'-0"



WILSON/JULIUS
1025 W. GLEN OAKLINE #202
NORFOLK, VA. 23502
202-241-6140

MCLEAN RESIDENCE

SECTION

1/2" = 1'-0"

7-12-2024

2024-09

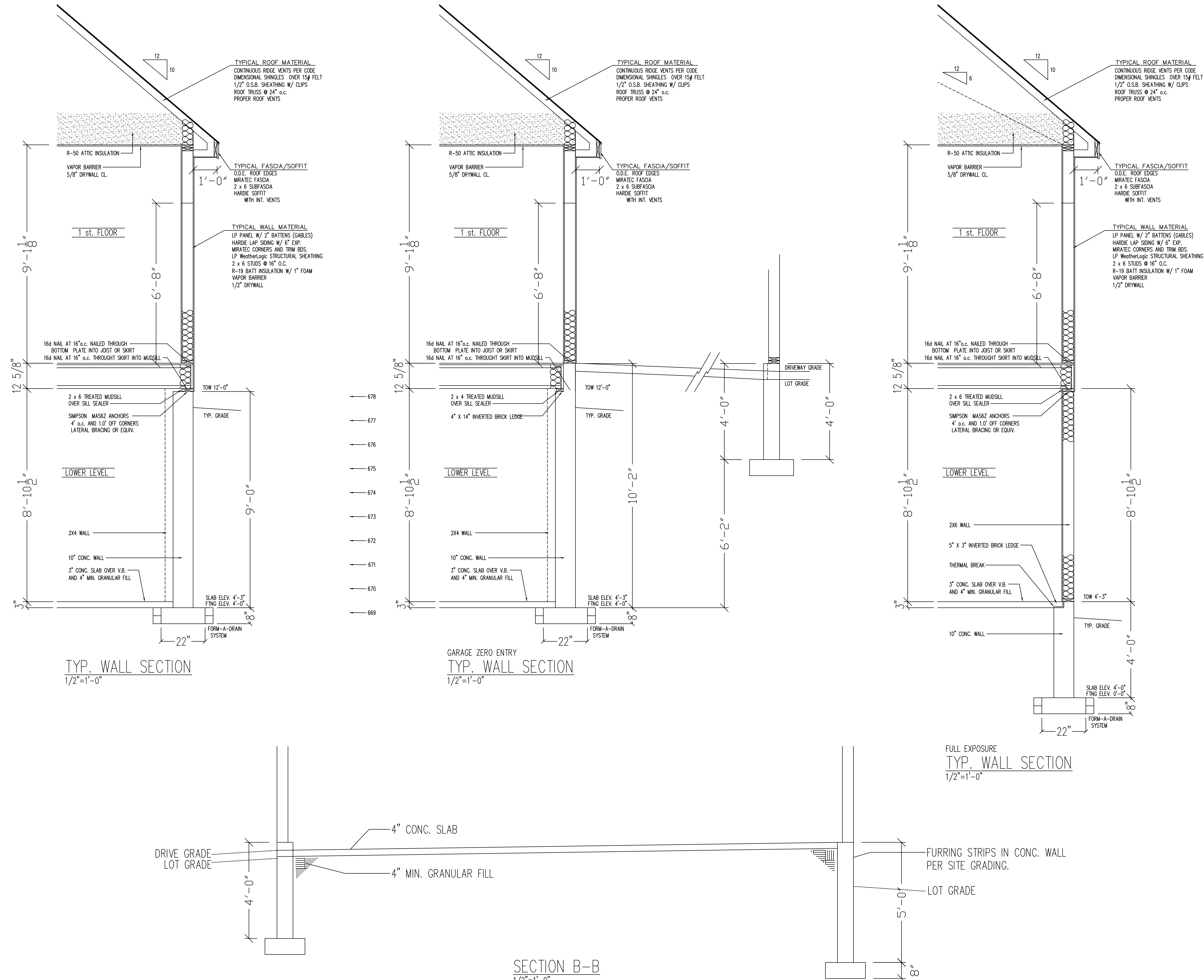
DRAWN BY: F.M.D.
SCALE: 1/2" = 1'-0"
DATE: 04-28-2020

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A5

NOTE:

ALL DIMENSIONS ARE FROM STUD TO STUD
UNLESS OTHERWISE NOTED:
ALL EXTERIOR FRAME WALL DIM. 5 1/2"
ALL INTERIOR FRAME WALL DIM. 3 1/2"
ALL HEADERS: (2) 2 x 12's
HEADER HEIGHT @ 6'-10"
FIRST FLOOR WALLS ARE 9'-1 1/8" TALL.
FIRST FLOOR DOORS ARE 6'-8"
LOWER LEVEL DOORS ARE 6'-8" TALL





MIRRELSCHULZDES
1025 W. GLEN OAKS LANE #202
NICHOLS, IL 60092
202-291-0140

MCLEAN RESIDENCE

ROOF PLAN

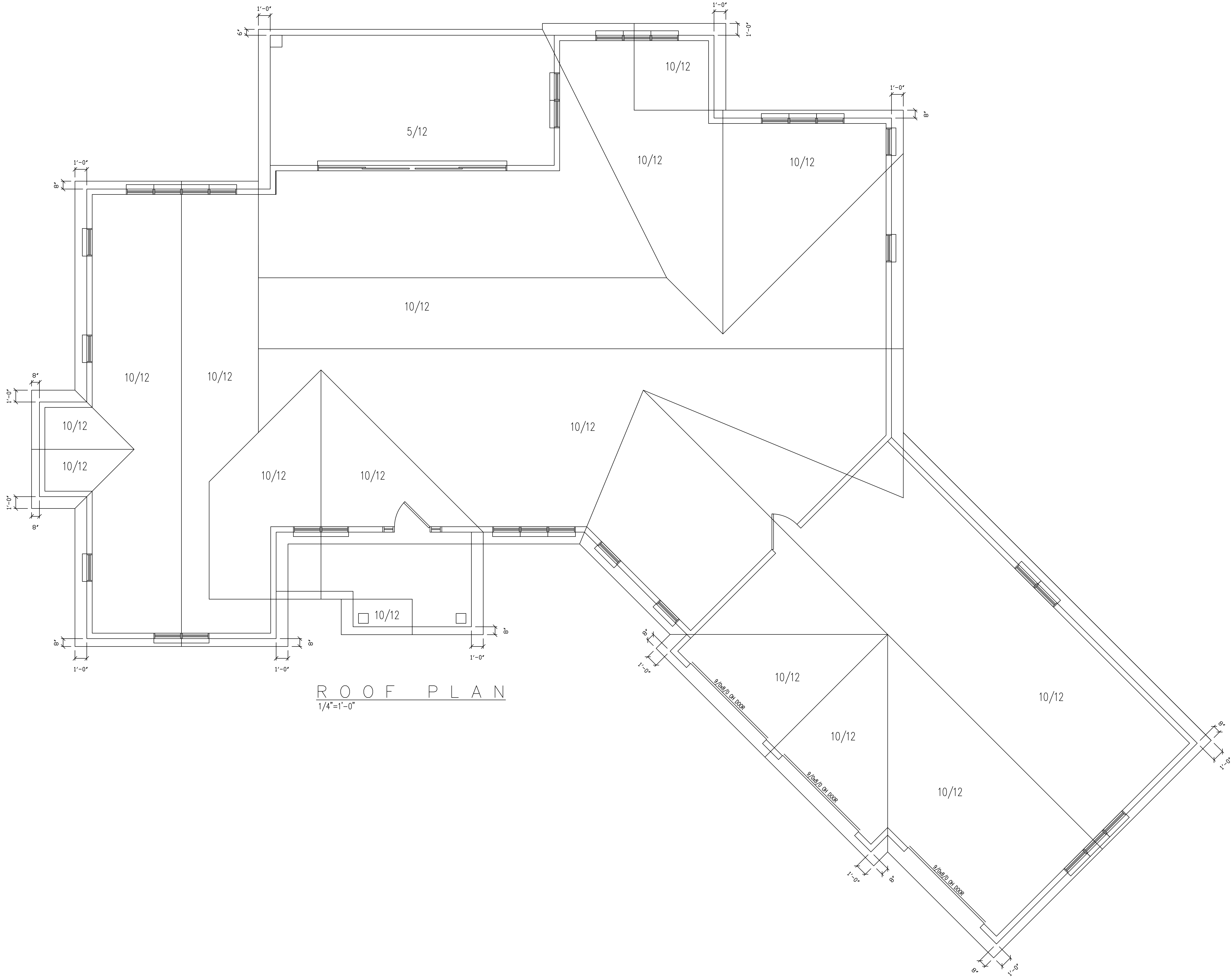
1/4" = 1'-0"

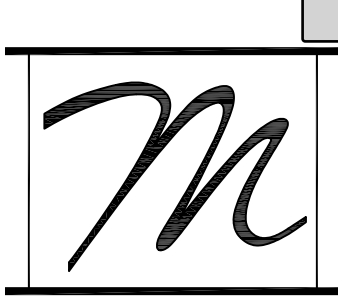
7-12-2024

2024-09

DRAWN BY: F.M.D.
SCALE: 1/4" = 1'-0"
DATE: 04-28-2020
NOTE:
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THE ARCHITECT.

A6





INTERIOR BUILDERS
1025 W. GLEN OAK LANE #202
MCCLENN, VA 22652
202-246-6740

MCLEAN RESIDENCE

SECTION

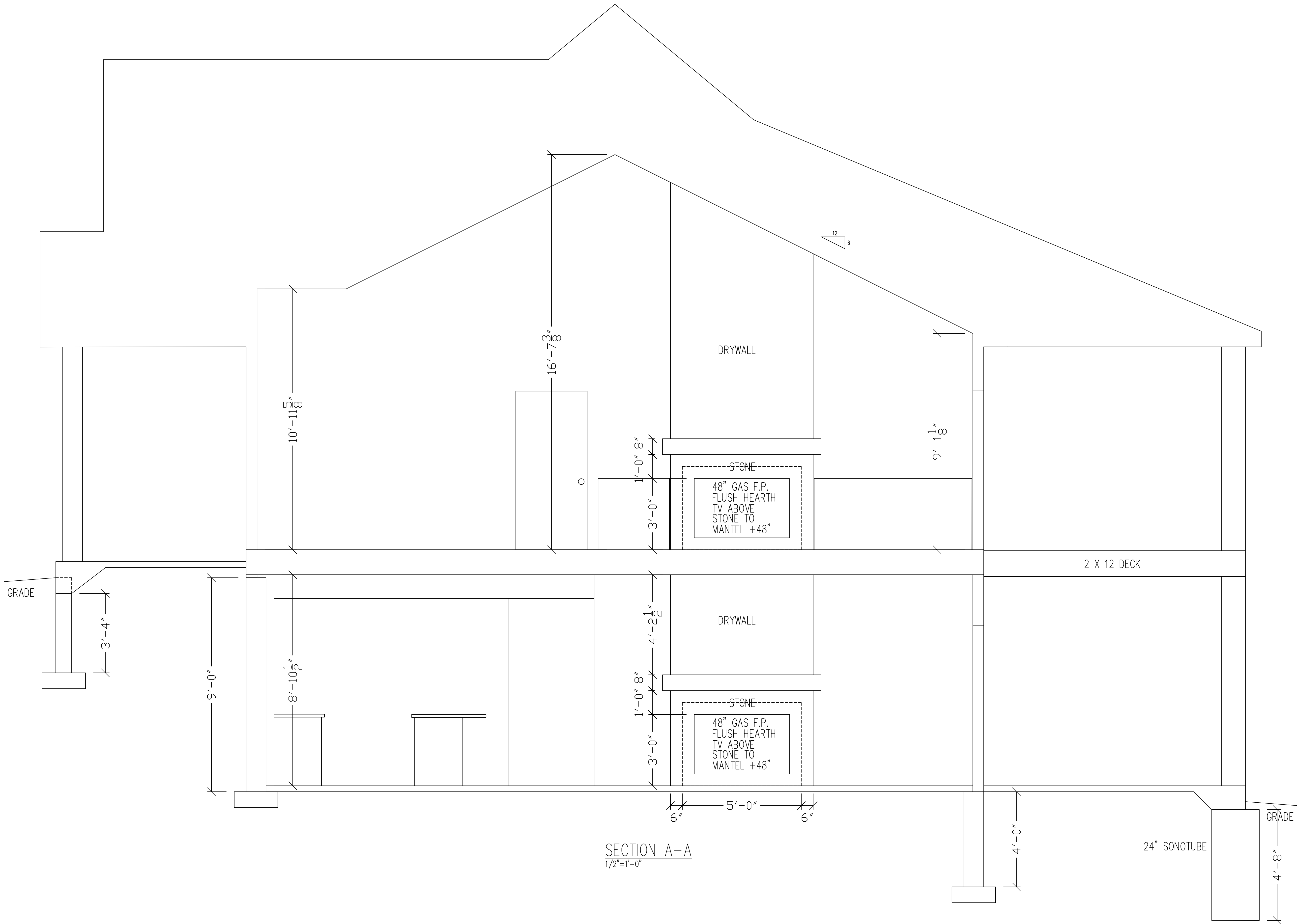
1/4" = 1'-0"

7-12-2024

2024-09

DRAWN BY: F.M.D.
SCALE: 1/4" = 1'-0"
DATE: 04-28-2020
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A7





11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Veridian Homes LLC - New Single-Family Residence at 8001 W. Preserve Parkway

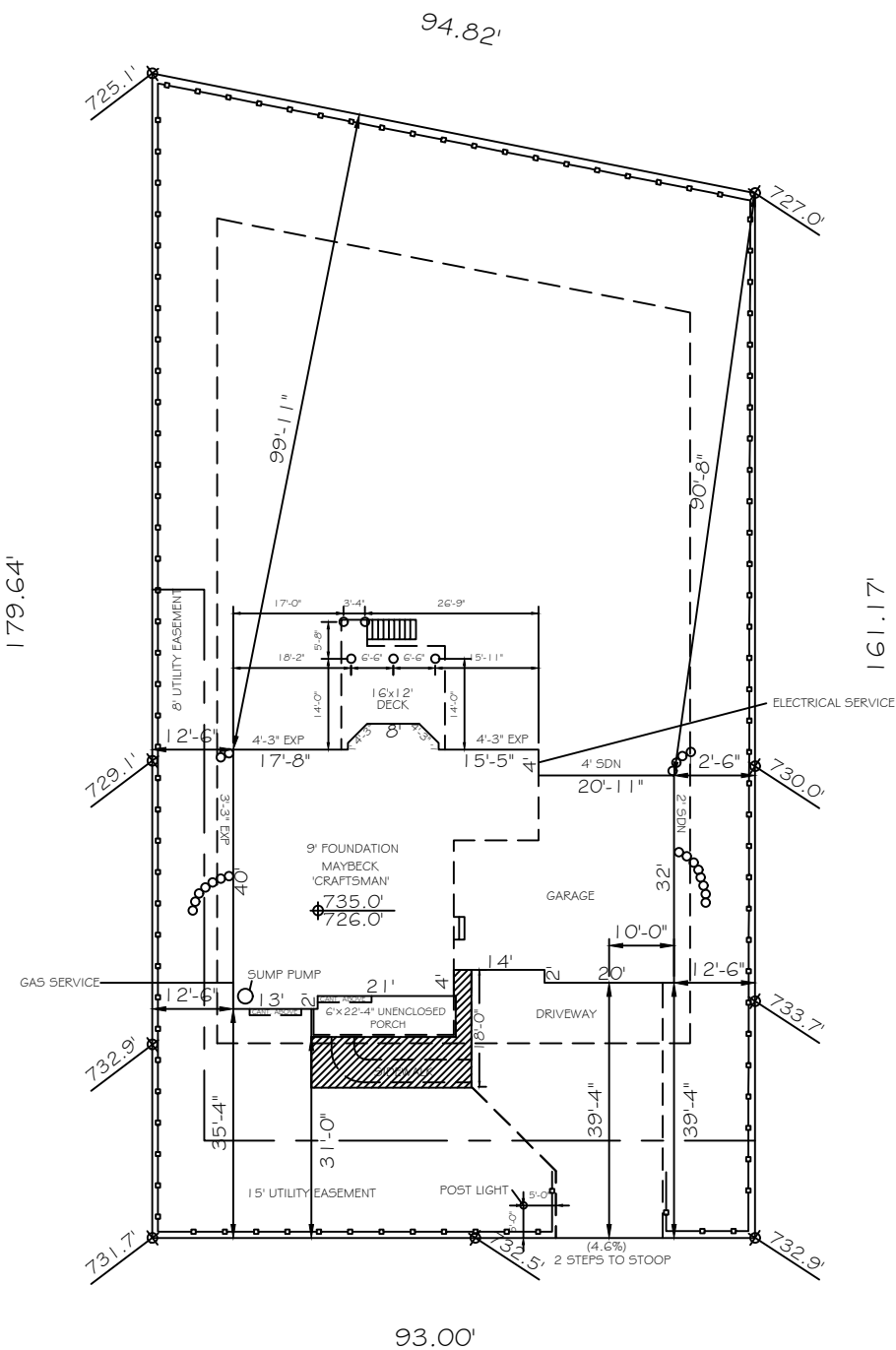
Attachments:

Site Plan (PDF)

Plans (PDF)

PHASE 6
LOT 87
15,848 S.F.

NO PORCH ENCROACHMENT
FRONT SIDE LOAD GARAGE
POSSIBLE



N
↓
GR
1' 0"
CUT

PRESERVE PARKWAY

(9' FOUNDATION)
TOP OF FOUNDATION=735.00
TOP OF FOOTING=726.00
GARAGE FLOOR ELEV.=734.50
DRIVEWAY SLOPE=5.8%
4'-3" EXPOSURE=730.25
3'-3" EXPOSURE=731.25
YARD GRADE=8.5%

NOTE:

*EROSION MATTING TO BE APPLIED AND INSTALLED BY LANDSCAPING CONTRACTOR AT TIME OF FINE GRADE AND SEED
*RETAINING WALL SYMBOLS ARE ONLY TO REPRESENT WHERE THEY ARE NEEDED-IT IS UP TO THE LANDSCAPER TO DETERMINE THE LENGTH NEEDED AND IN WHAT DIRECTION THEY SHOULD BE PLACED.

LANDSCAPE KEY
REFER TO SUBDIVISION ADDENDUM
SHADE TREE
ORNAMENTAL TREE
CONIFER
ROCK RETAINING WALL
STRAW EROSION MATT.

KEY
STD. SETBACK LINE
VARIANCE SETBACK
EASEMENT SETBACK
DRAINAGE ARROW
RETAINING WALL ARROW
EROSION CONTROL
MAIN TRANSFORMER
SM. TRANSFORMER

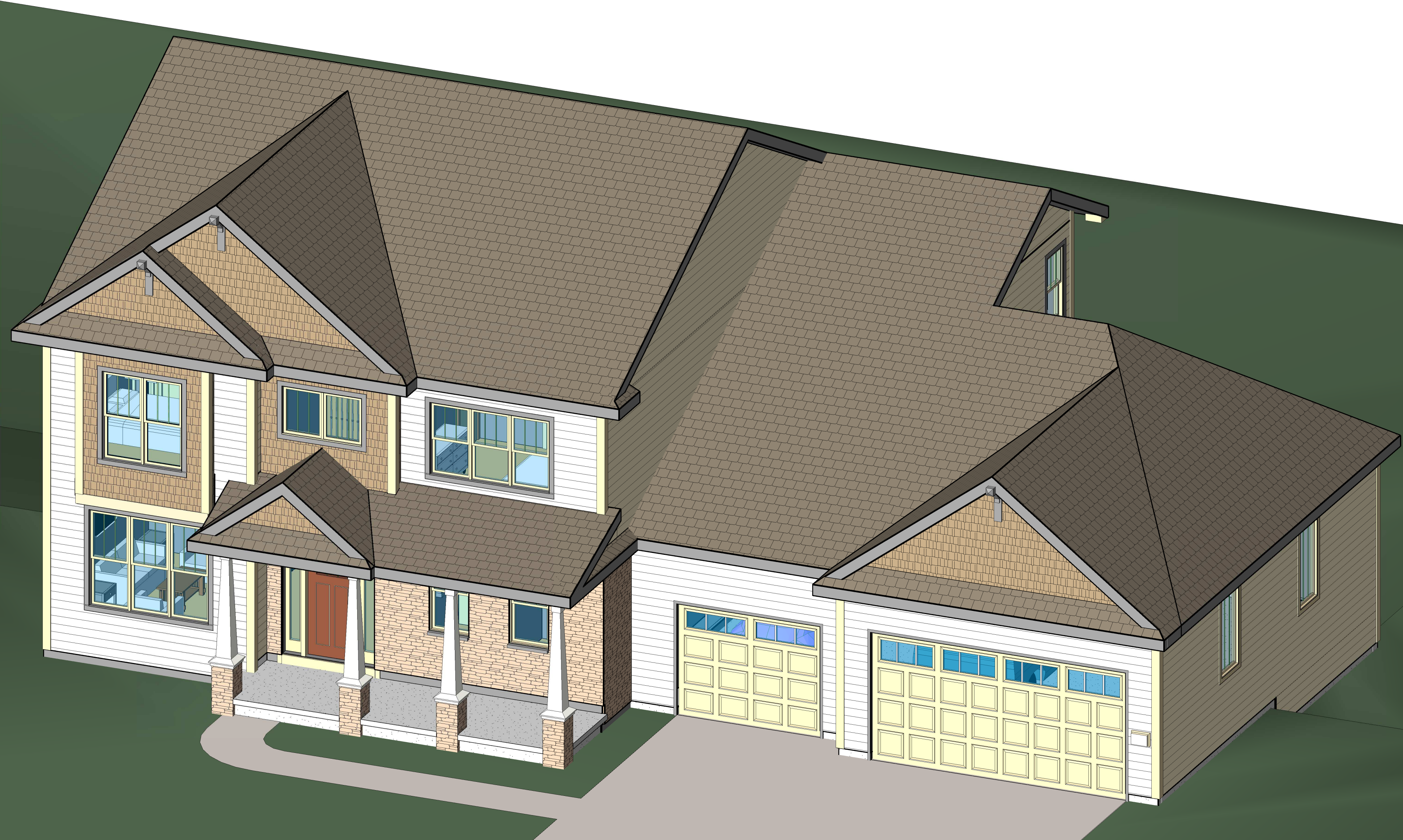
HOMESITE:	87	CUSTOMER:	MOVE IN READY
NEIGHBORHOOD:	ENCLAVE MEQUON PRESERVE	ADDRESS:	8001 W PRESERVE PARKWAY
MODEL:	MAYBECK-3 CAR FRONT LOAD-CRAFTSMAN		MEQUON, WI 53097
SITE AREA:	15,848 SQ. FT.	CUSTOMER APPROVAL: DATE: / / DATE: / / VH APPROVAL: DATE: / /	
IMPERVIOUS AREA:	3,838- SQ. FT.		
SCALE:	1"=30'-0"		
DRAWN BY:	BUS		
DATE:	6/28/2024		

ZONED: -
MINIMUM SETBACKS

FRONT: 30'
REAR: 20'
SIDE: 10'
TOTAL SIDE: -
CORNER SIDE: -

VERIDIAN HOMES

6801 South Towne Drive
Madison, WI 53713
(608)226-3100 Fax: (608)226-0600



Craftsman 3 Car Front Load ARB

Do Not Scale Note: All dimensions are stud to stud

Actual floor plans & exterior styles may differ from these shown based on modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	
Revised Base Plan:	
Drawn By: sus	Date: 6/28/2024

Print Date:
7/18/2024
12:02:44 PM
Revisions:

Drawing No.:
ABI



**VERIDIAN
HOMES**

6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve

Address: 8001 W. Preserve Parkway
Mequon, WI 53097

Customer: **SPF Jul 18 2024**

Approval: ©Copyright 2008 Veridian Management Solutions LLC. Protected Under
Architectural Works Copyright Protection Act of 1990.



3D - Craftsman (Rear View) 3 Car Front Load ARB

Do Not Scale Note: All dimensions are stud to stud. Actual floor plans & exterior styles may differ from those shown based on modifications, options & improvements to the plans by the builder. Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	
Revised Base Plan:	
Drawn By: bus	Date: 6/28/2024

Print Date: 7/18/2024 12:02:45 PM
Revisions:

Drawing No.: AB2

**VERIDIAN**
HOMES

6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready Homestead / Neighborhood: 67 Enclave at Mequon Preserve	Customer Approval: SPF Jul 18 2024 ©Copyright 2008 Veridian Management Solutions LLC. Protected Under Architectural Works Copyright Protection Act of 1990.
Address: 8001 W. Preserve Parkway Mequon, WI 53097	

NOTE:
-ALL WINDOWS, FRONT DOOR, PATIO DOOR &
GRAGE DOOR TO HAVE 1X4 SMART TRIM
-ALL CORNERS ON ALL ELEVATIONS TO BE 6" SMART
TRIM



Front Elevation - Craftsman 3 Car Front Load ARB
1/4" = 1'-0"

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097

Customer
Approval: **SPF Jul 18 2024**
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VERIDIAN HOMES
6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Do Not Scale Note: All dimensions are stud to stud.
Actual floor plans & exterior styles may differ from those shown based on
modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model: Maybeck
Elevation:
Revised Base Plan:
Drawn By: BUS Date: 6/28/2024

Print Date:
7/18/2024
12:02:46 PM
Revisions:

Drawing No.:
AB3

Attachment: Plans (9584 : Veridian Homes LLC)

Packet Pg. 85



Right Elevation - Craftsman 3 Car Front Load ARB
1/4" = 1'-0"

Do Not Scale Note: All dimensions are stud to stud
Actual floor plans & exterior styles may differ from those shown based on
modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	
Revised Base Plan:	
Drawn By:	bus
Date:	6/28/2024

Print Date:
7/18/2024
12:02:46 PM
Revisions:

Drawing No.:
AB4

VERIDIAN HOMES
6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097
Customer: **SPF Jul 18 2024**
Approval: ©Copyright 2008 Veridian Management Solutions LLC Protected Under
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NOTE:
-1X4" SMART SIDE TRIM AND GIA ON ALL WINDOWS, AND ALL ELEVATIONS
-ALL CORNERS TO BE 6" SMART TRIM



Left Elevation - Craftsman 3 Car Front Load ARB
1/4" = 1'-0"

Do Not Scale

Note: All dimensions are stud to stud
Actual floor plans & exterior styles may differ from these shown based on
modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model: Maybeck
Elevation:
Revised Base Plan:
Drawn By: BUS Date: 6/28/2024

Print Date:
7/18/2024
12:02:47 PM
Revisions:

Drawing No.:
AB5

VERIDIAN
HOMES
6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097
Customer: **SPF Jul 18 2024**
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Rear Elevation - Craftsman 3 Car Front Load ARB
1/4" = 1'-0"

Do Not Scale Note: All dimensions are stud to stud

Actual floor plans & exterior styles may differ from those shown based on modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	
Revised Base Plan:	
Drawn By:	bus
Date:	6/28/2024

Print Date:
7/18/2024
12:02:47 PM
Revisions:

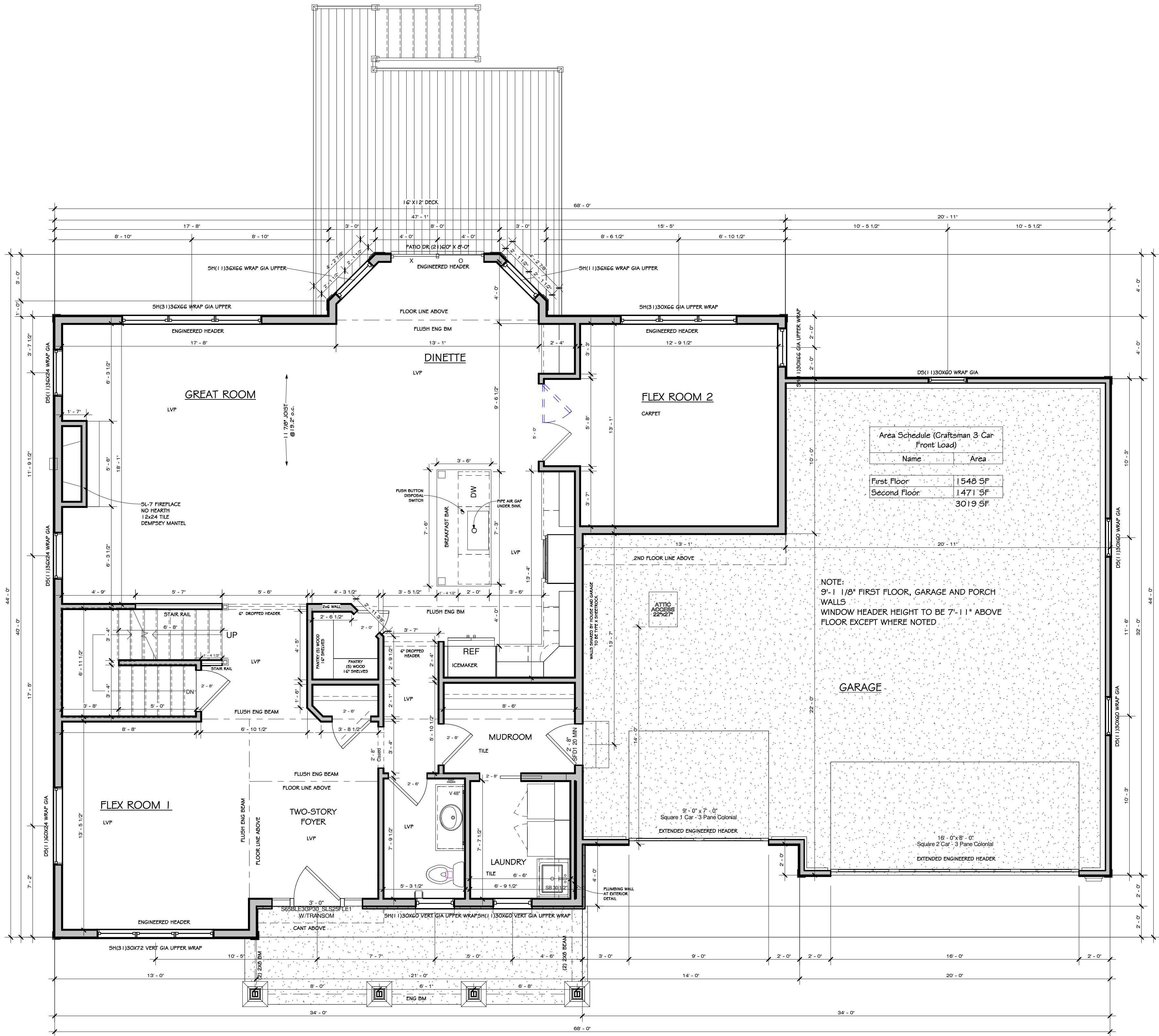
Drawing No.:
AB6



6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097

Customer
Approval: **SPF Jul 18 2024**
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First Floor - Craftsman 3 Car Front Load ARB
1/4" = 1'-0"

Do Not Scale Note: All dimensions are stud to stud

Actual floor plans & exterior styles may differ from those shown based on modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	7/18/2024
Revised Base Plan:	12:02:49 PM
Drawn By:	bus
Date:	6/28/2024

Print Date:
7/18/2024
12:02:49 PM
Revisions:
Drawing No.:
AB7

**VERIDIAN
HOMES**

6801 South Towne Drive
Madison, WI 53713
Phone 608.226.3100
Fax 608.226.0600

Custom Designed For: Move In Ready
Homestead / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097

Customer
Approval: **SPF Jul 18 2024**
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Area Schedule (Craftsman 3 Car Front Load)	
Name	Area
First Floor	1548 SF
Second Floor	1471 SF
	3019 SF

NOTE:
9'-1 1/8" FIRST FLOOR, GARAGE AND PORCH
WALLS
WINDOW HEADER HEIGHT TO BE 7'-1 1/8" ABOVE
FLOOR EXCEPT WHERE NOTED



Do Not Scale

Note: All dimensions are stud to stud

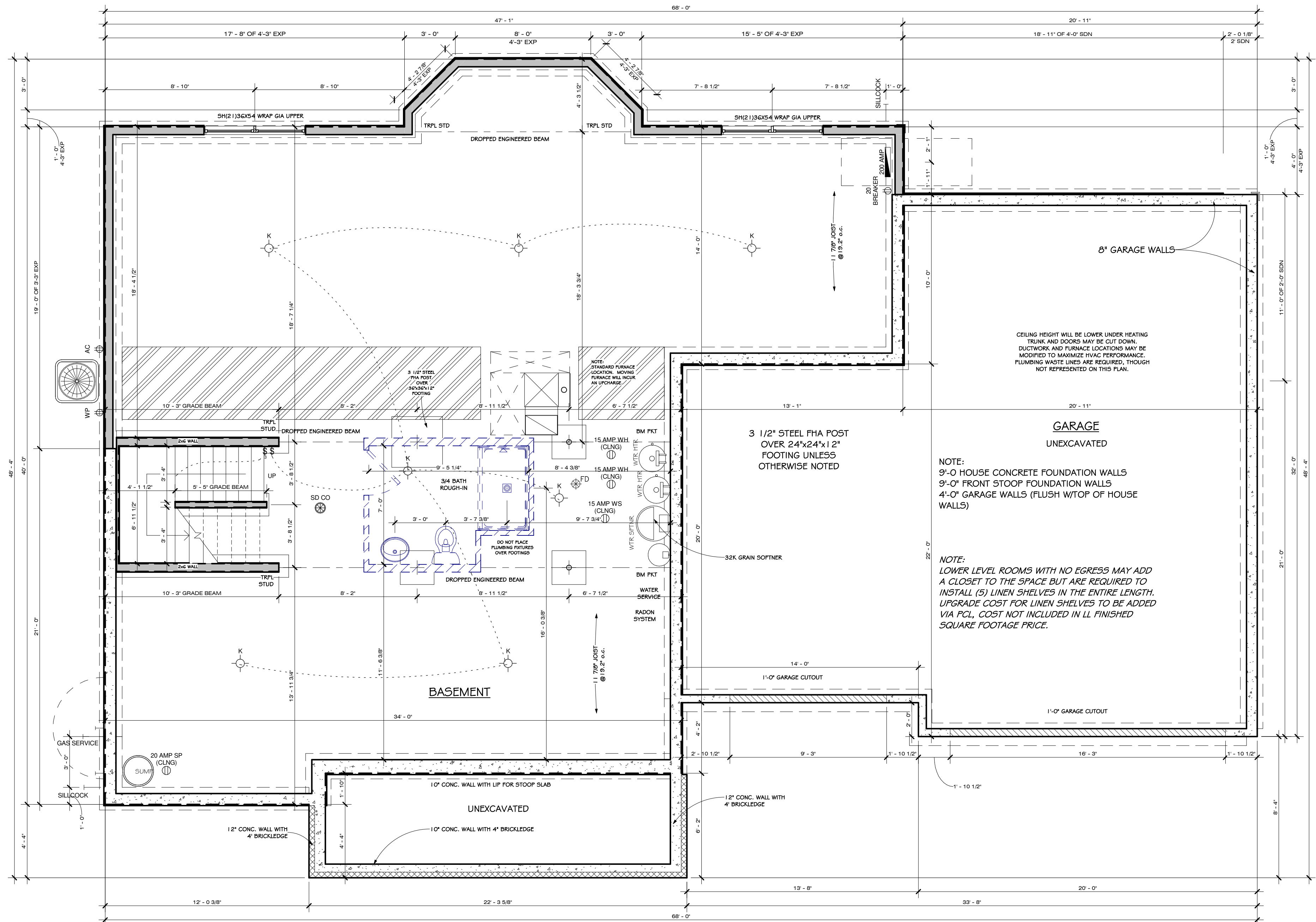
Actual floor plans & exterior styles may differ from those shown based on modifications, options & improvements to the plans by the builder.

Room dimensions, features & actual square footage vary by exterior style and options.

Print Date:
7/18/2024
12:02:49 PM
Revisions:

Drawing No.:
AB8

Packet Pg. 90



Foundation Plan - Craftsman 3 CarFL
1/4" = 1'-0"

Do Not Scale Note: All dimensions are stud to stud

Actual floor plans & exterior styles may differ from those shown based on modifications, options & improvements to the plans by the builder.
Room dimensions, features & actual square footage vary by exterior style and options.

Model:	Maybeck
Elevation:	
Revised Base Plan:	
Drawn By:	bus
Date:	6/28/2024

Print Date:
7/18/2024
12:02:50 PM
Revisions:

Drawing No.:
AB9

**VERIDIAN
HOMES**

Custom Designed For: Move In Ready
Homeite / Neighborhood: 67 Enclave at Mequon Preserve
Address: 8001 W. Preserve Parkway
Mequon, WI 53097
Customer Approval: **SPF Jul 18 2024**
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11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

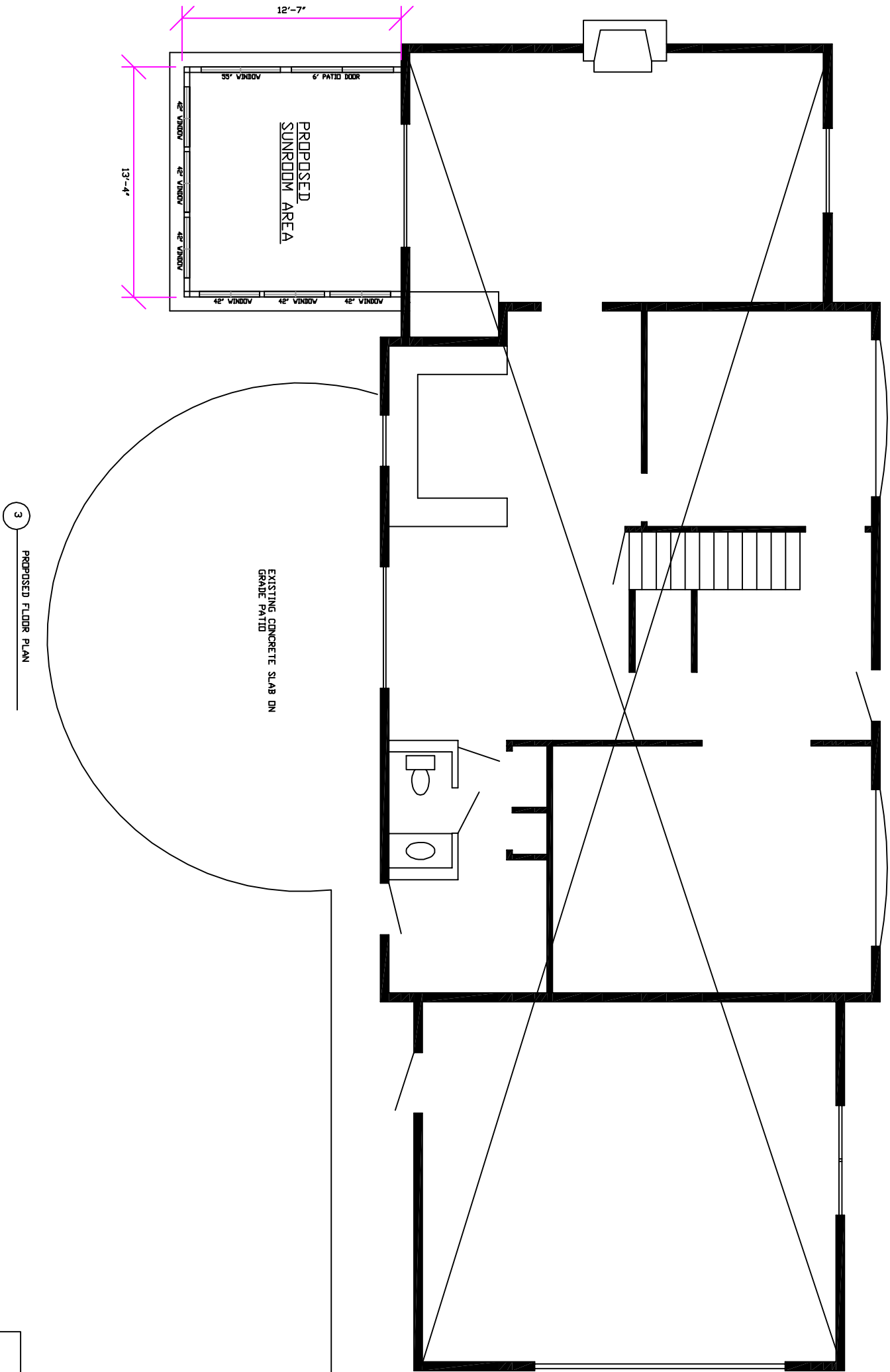
www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Mary Fowlkes - Three Season Room Addition at 11217 N. Shorecliff Lane

Attachments:

Site Plan (PDF)
Survey (PDF)
Pictures (PDF)
Plans (PDF)



3 PROPOSED FLOOR PLAN

REAR SUNROOM PORCH ADDITION
FOWLKES RESIDENCE
11217 N. SHORECLIFF LN
MEQUAN WI 53092

CLIENT:	FOWLKES 11217 N. SHORECLIFF LN MEQUAN WI 53092	DESIGNER:	BEAR BUILDERS 2623 W. LAKE VISTA COURT MEQUON, WI 53092 414-305-7105	DRAWN BY: DC
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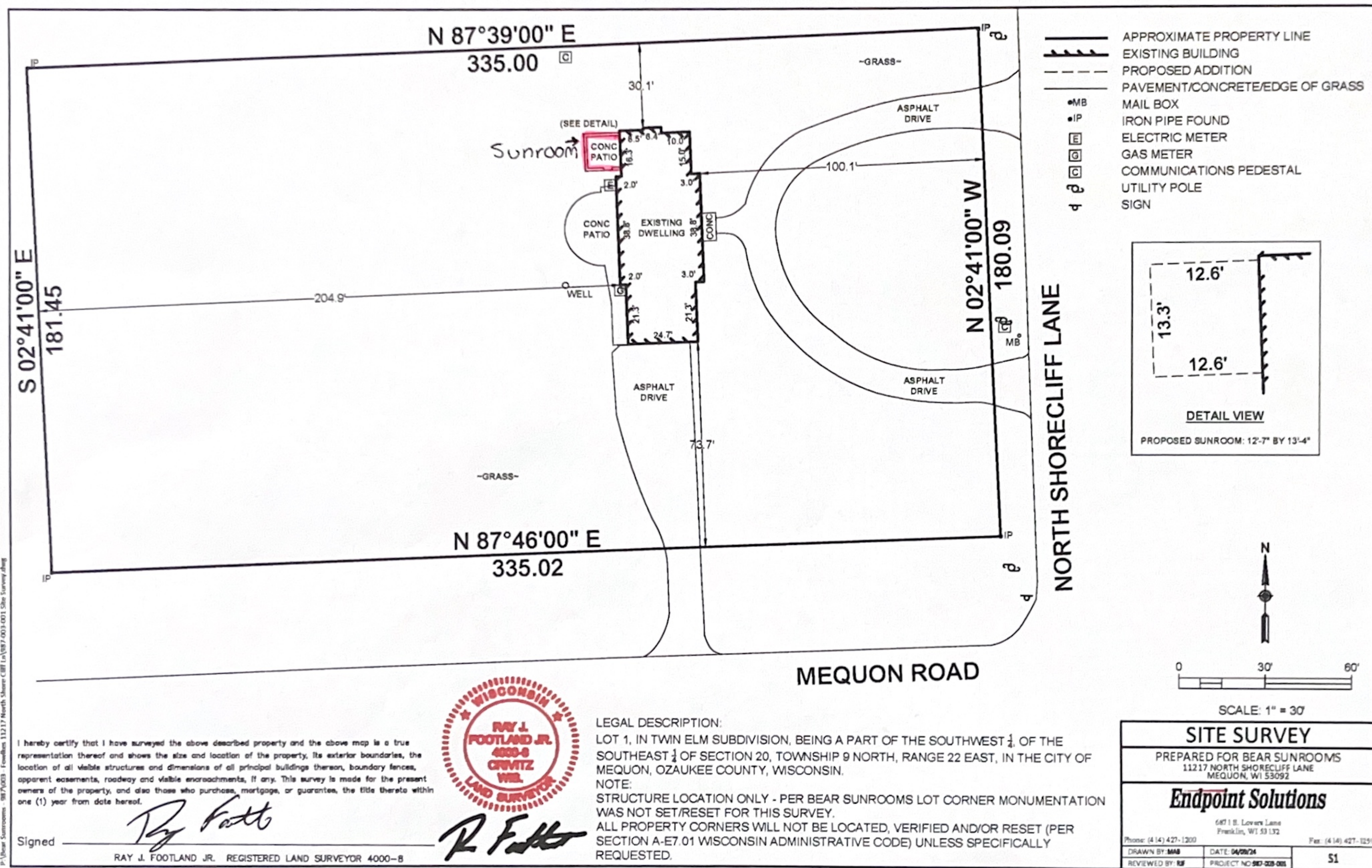
JAMES A. CLANCY

JAMES A. CLANCY

CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

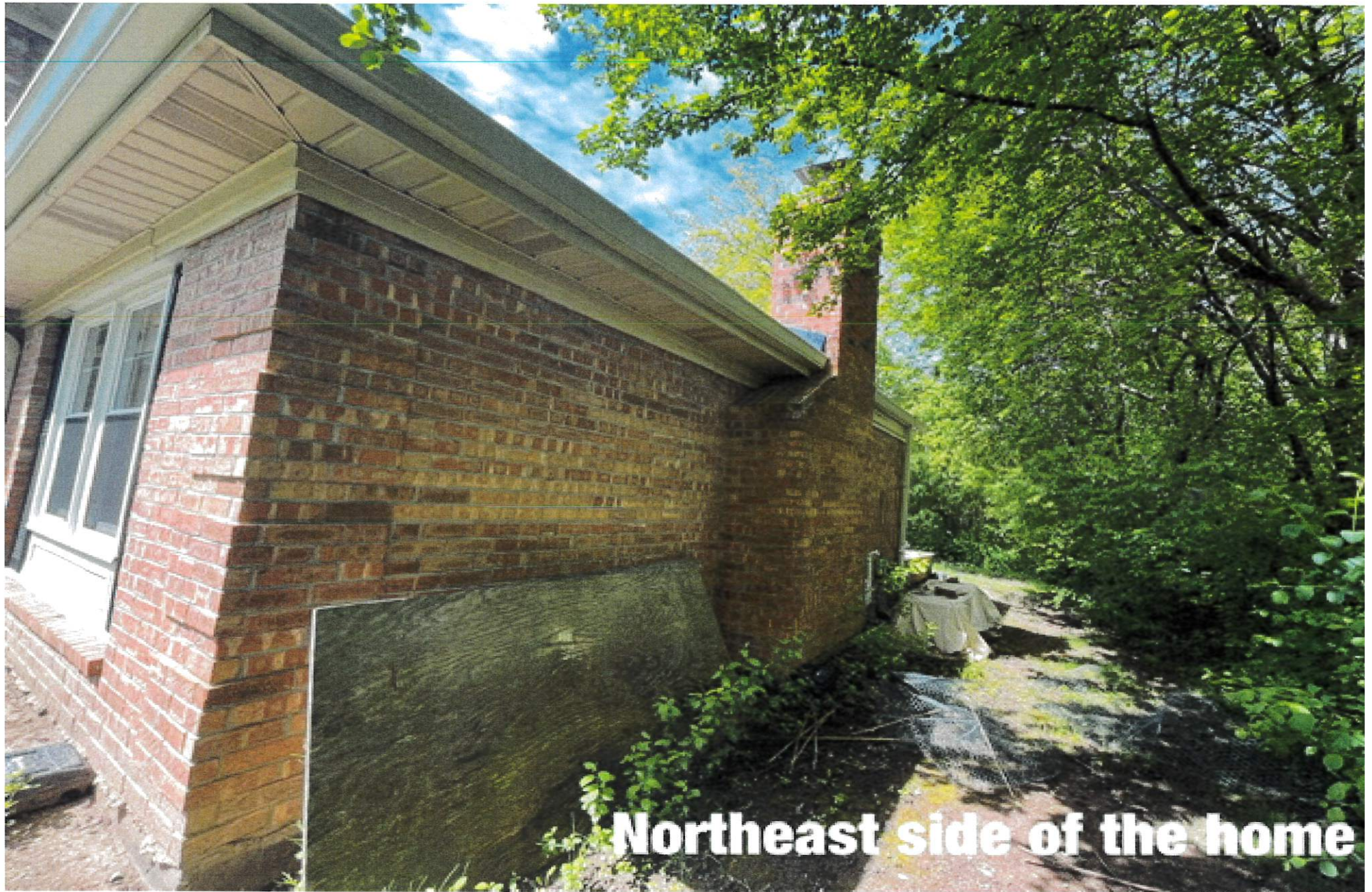
Fax: 856-853-7381
Phone 856-853-7306

Professional Engineer WI LIC# 38262

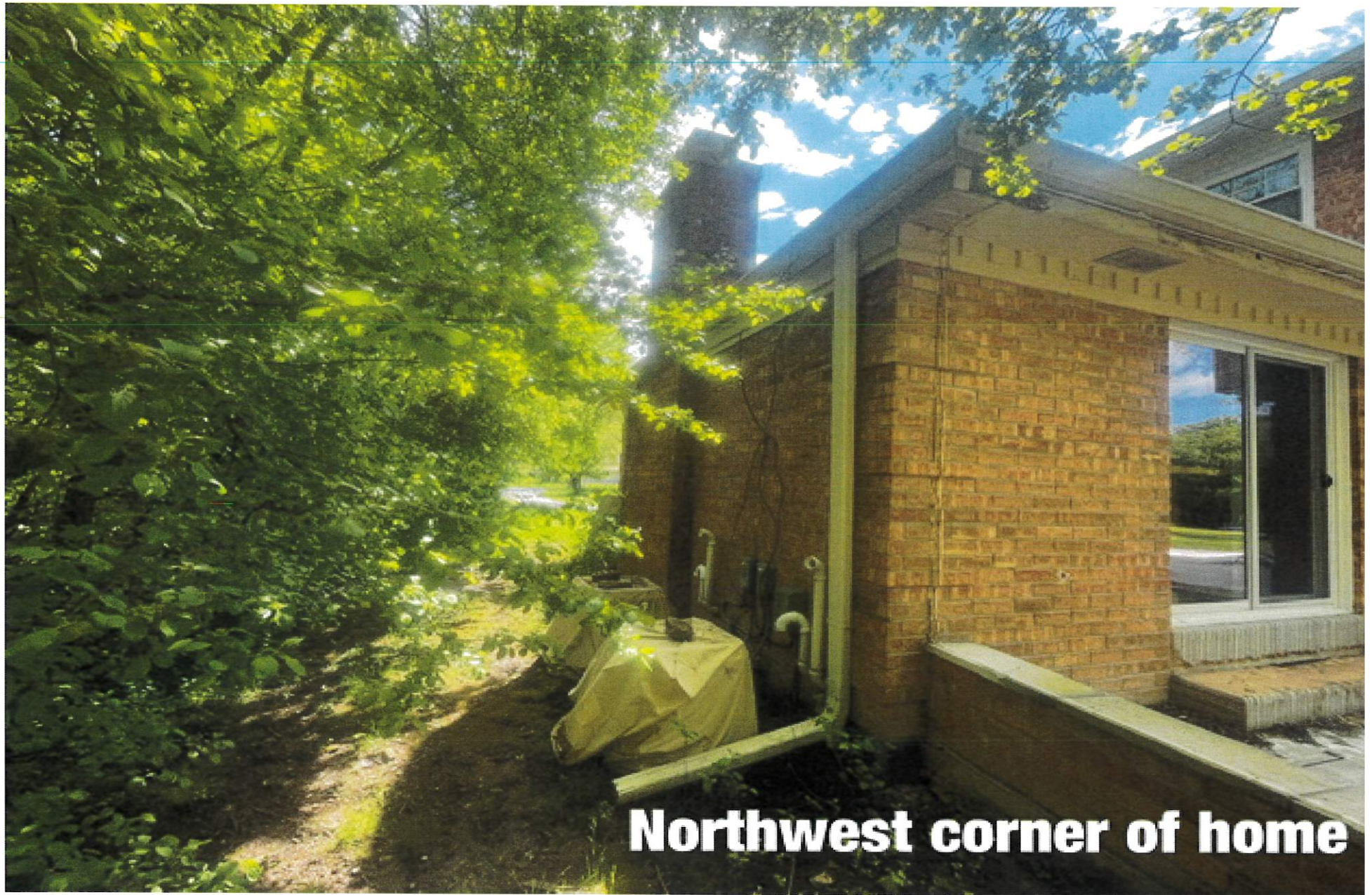




Attachment: Pictures (9585 : Mary Fowlkes)



Northeast side of the home



Attachment: Pictures (9585 : Mary Fowlkes)



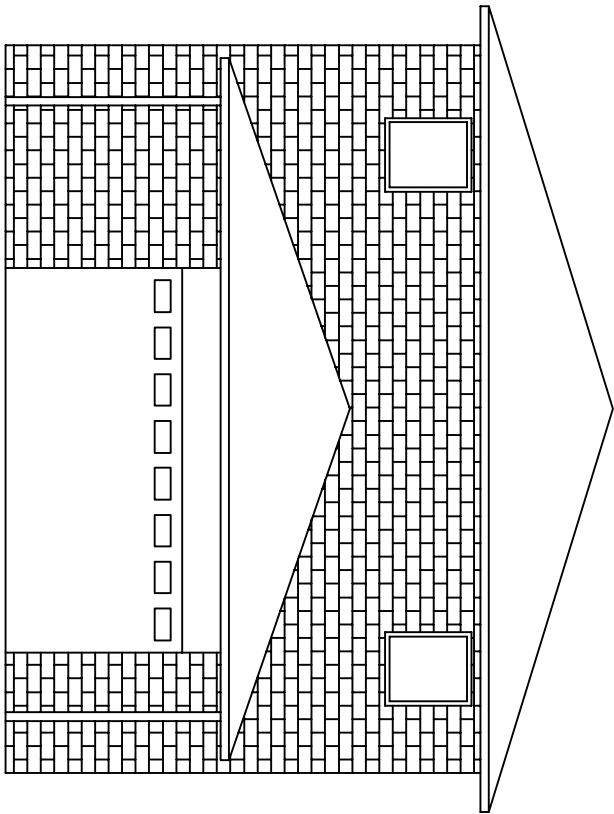
Rear of home facing west

Attachment: Pictures (9585 : Mary Fowlkes)

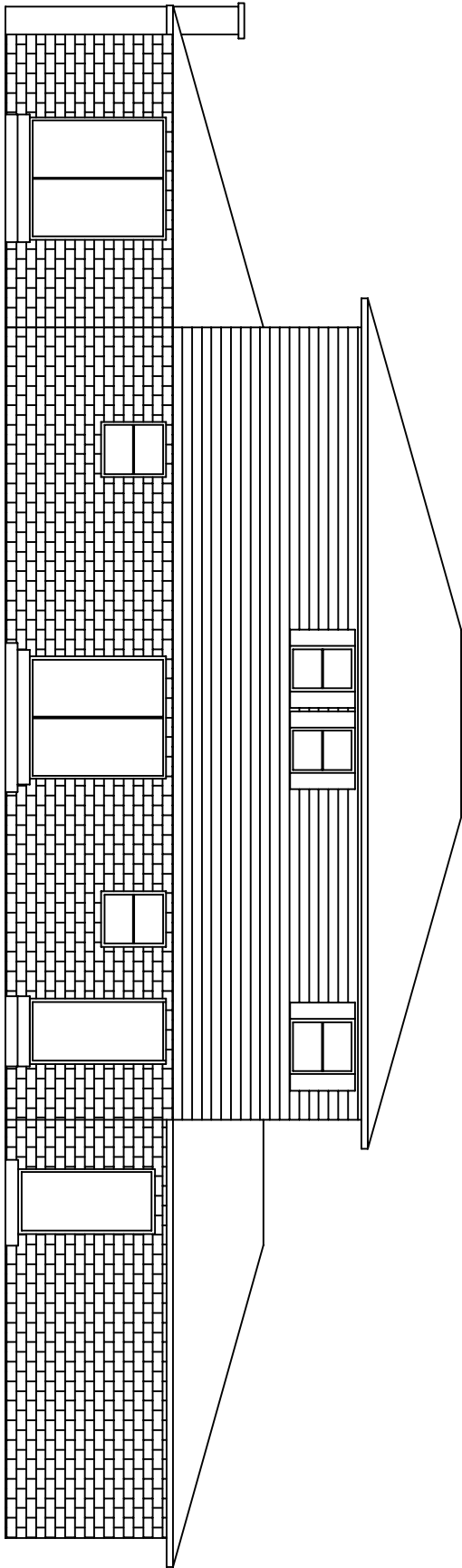


REAR SUNROOM PORCH ADDITION
FOWLKES RESIDENCE
11217 N. SHORECLIFF LN
MEQUAN WI 53092

2
EXISTING SOUTH ELEVATION



2
EXISTING WEST ELEVATION



CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

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DC

JAMES A. CLANCY

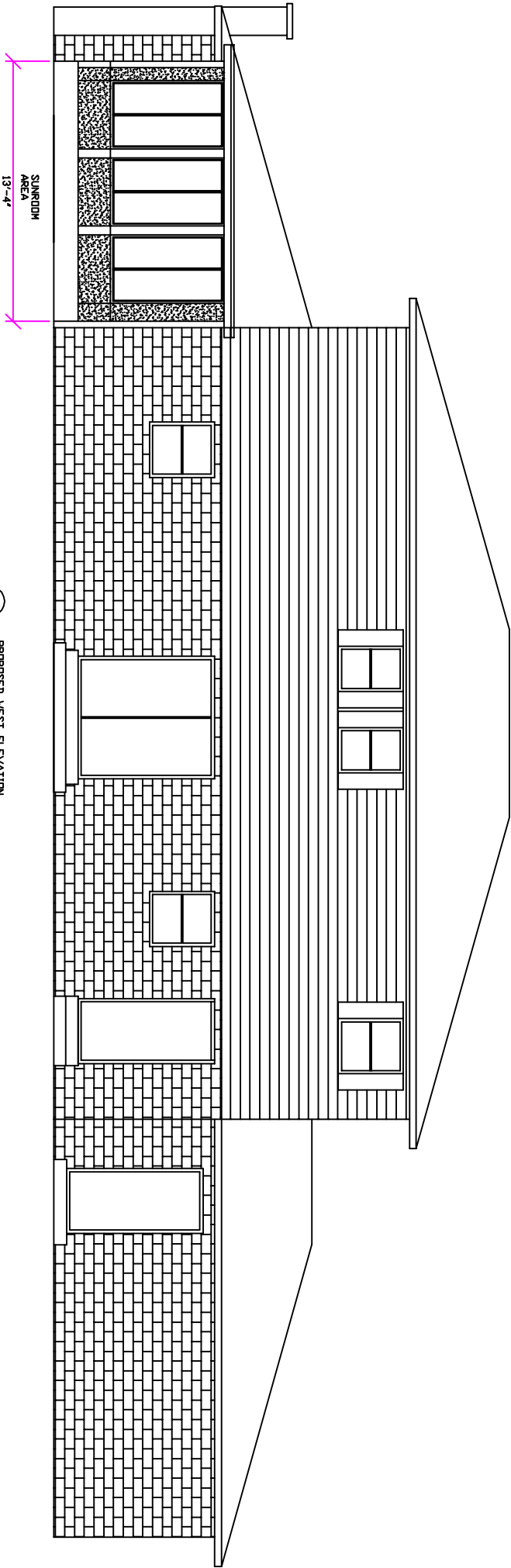
JAMES A. CLANCY

CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

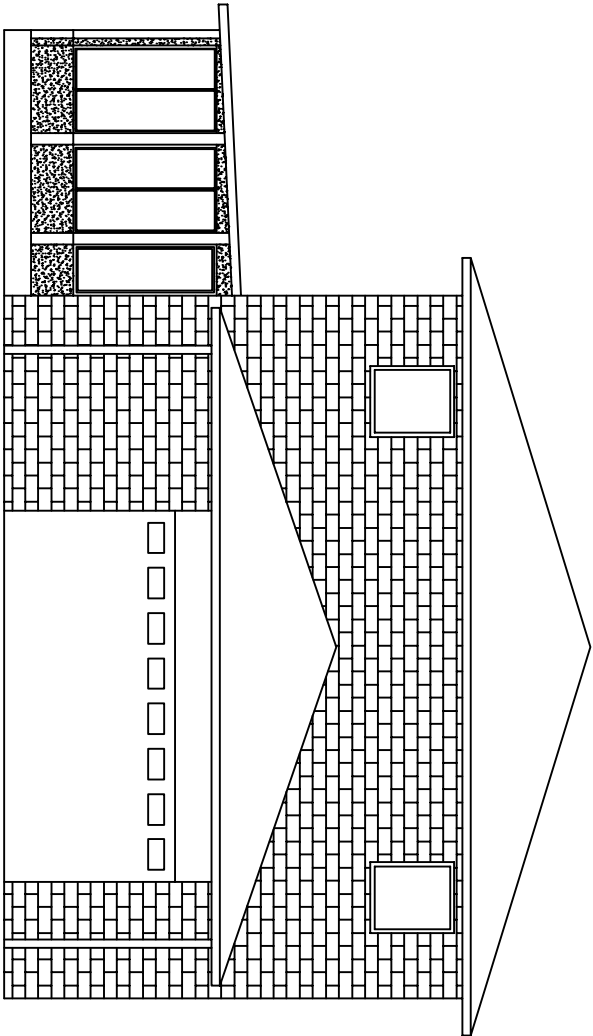
Fax: 856-853-7381
Phone 856-853-7306

Professional Engineer & Land Surveyor
Professional Planner

NJ LIC#
NJ LIC# 0420



1
PROPOSED WEST ELEVATION



2
PROPOSED SOUTH ELEVATION

REAR SUNROOM PORCH ADDITION
FOWLKES RESIDENCE
11217 N. SHORECLIFF LN
MEQUAN WI 53092

CLIENT:	FOWLKES 11217 N. SHORECLIFF LN MEQUAN WI 53092	DESIGNER:	BEAR BUILDERS 2623 W. LAKE VISTA COURT MEQUON, WI 53092 414-305-7105	DRAWN BY: <td>DC</td>	DC
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JAMES A. CLANCY CONSULTING ENGINEER 601 ASBURY AVENUE NATIONAL PARK, NJ 08063		JAMES A. CLANCY Professional Engineer WI LIC# 38262	
Fax:	856-853-7381		
Phone	856-853-7306		

BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105 PHONE
262-236-0170 FAX

PROJECT FOR:

FOWLKES
11217 N SHORECLIFF LN
MEQUAN WI 53092

MINIMUM N DESIGN LOADS:

DEAD LOADS:

- 1. ROOF: 2 PSF
- 2. WALLS: 5 PSF
- 3. FLOOR: 10 PSF

LIVE LOADS:

- 1. ROOF: 30 PSF
 - 2. WALLS: 120 MPH
 - 3. FLOOR: 40 PSF
- 3 SEC. WIND GUST

DEFLECTION LIMITS:

- 1. ROOF: L/180
- 2. WALLS: L/175
- 3. FLOOR: L/240

SUNROOM SPECIFICATIONS

ROOM STYLE: STUDIO STYLE ROOF
ROOM DIMENSIONS: 12'-7" x 13'4"
COLOR: SANDSTONE
HIGH PERFORMANCE MULTI COAT GLASS
ALL GLASS IS SAFETY TEMPERED

NOTE: THESE PLANS WERE
DESIGNED IN ACCORDANCE WITH
THE 2015 UDC.

NOTE: THESE PLANS WERE
DESIGNED IN ACCORDANCE WITH
SPS 320-325

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

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DC

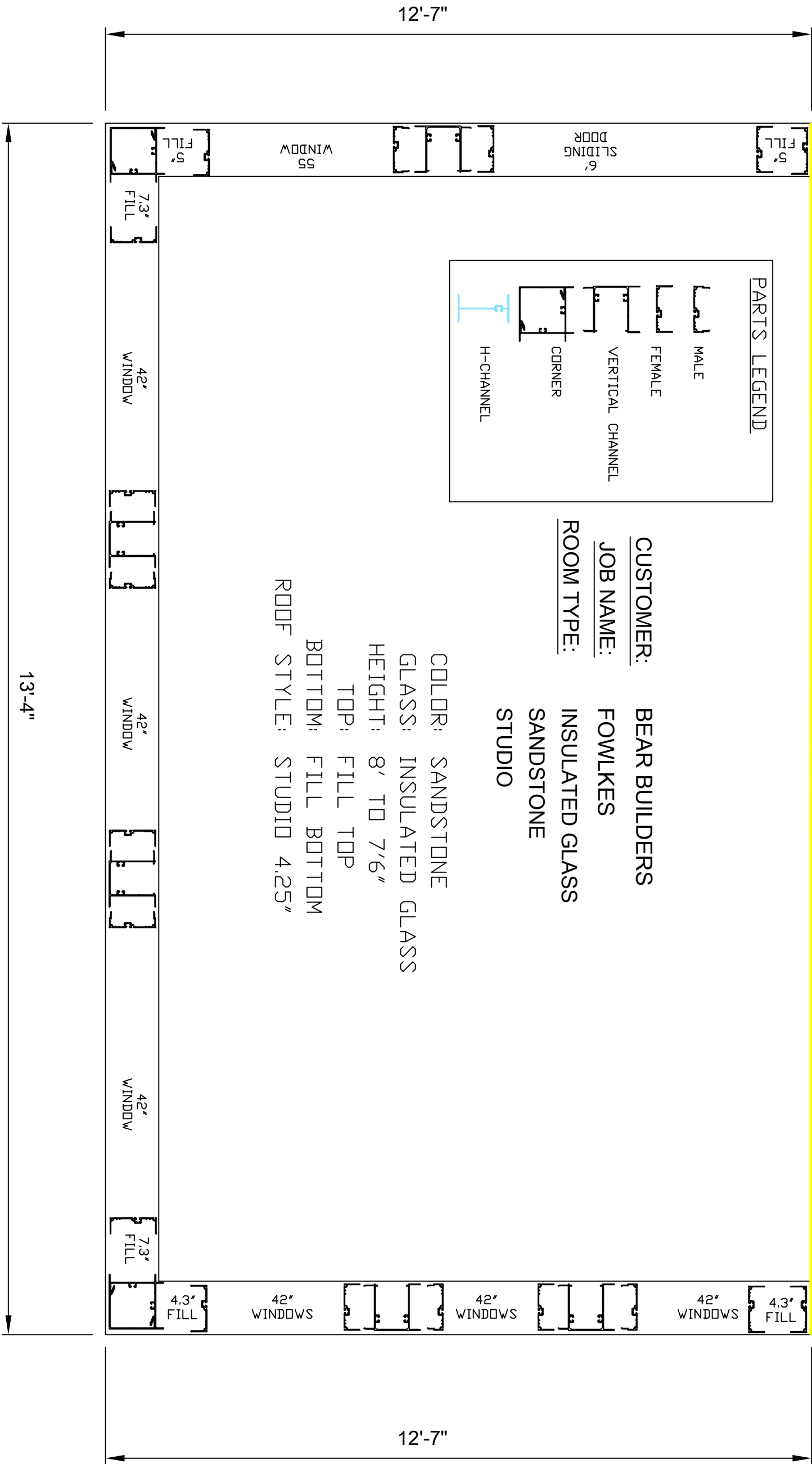
JAMES A. CLANCY
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601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

Fax: 856-853-7381
Phone 856-853-7306

JAMES A. CLANCY

Professional Engineer WI LIC# 38262

INSTALLERS LAYOUT



CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

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JAMES A. CLANCY
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

Fax: 856-853-7381
Phone: 856-853-7306

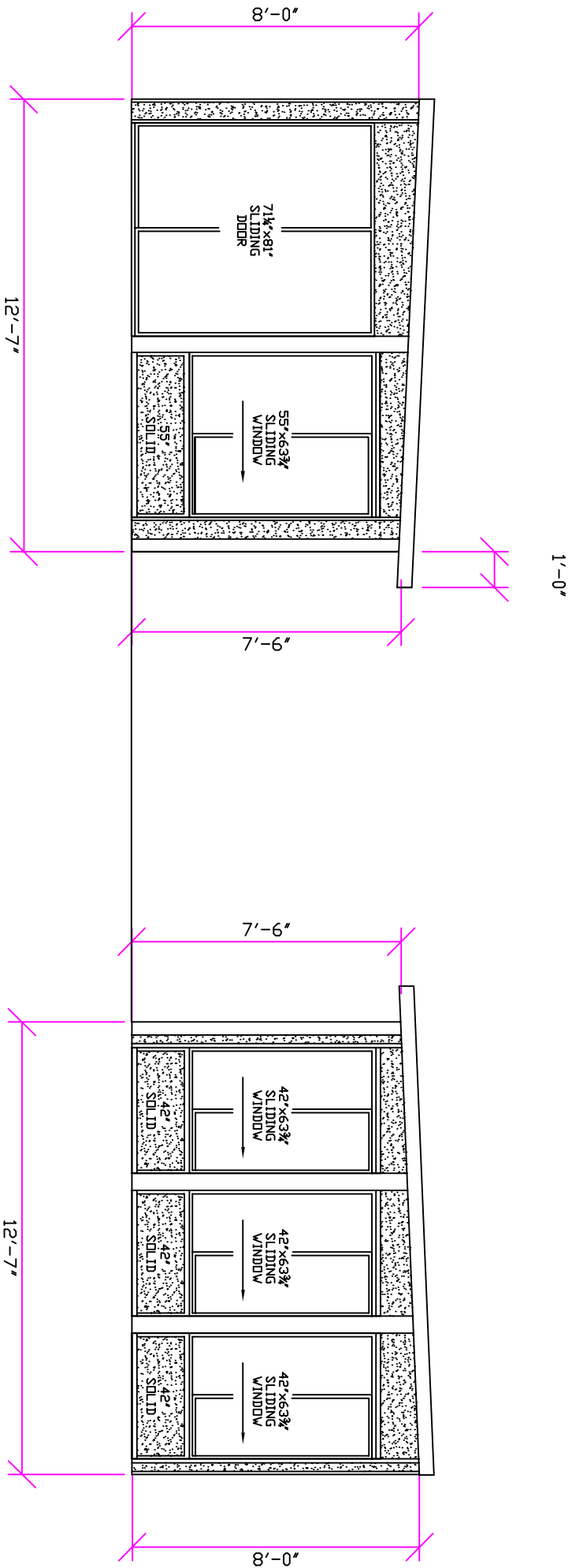
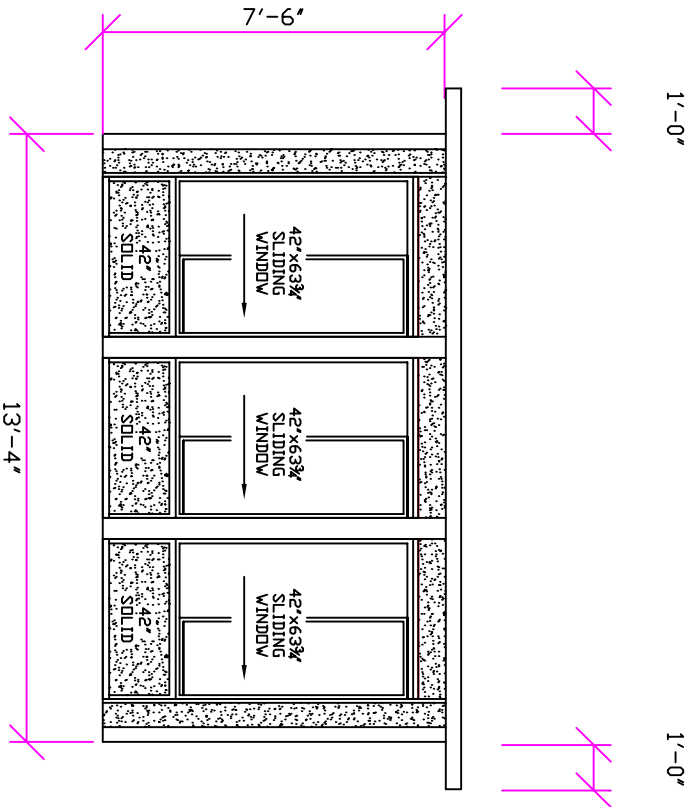
JAMES A. CLANCY

Professional Engineer

WI LIC# 38262

ELEVATIONS

ALL SLIDING WINDOWS AND DOOR
MADE OF TEMPERED SAFETY GLASS.
BOTTOM GLASS TRANSOM MADE
TEMPERED SAFETY GLASS.



CLIENT:

FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER:

BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

DRAWN BY:
DC

JAMES A. CLANCY

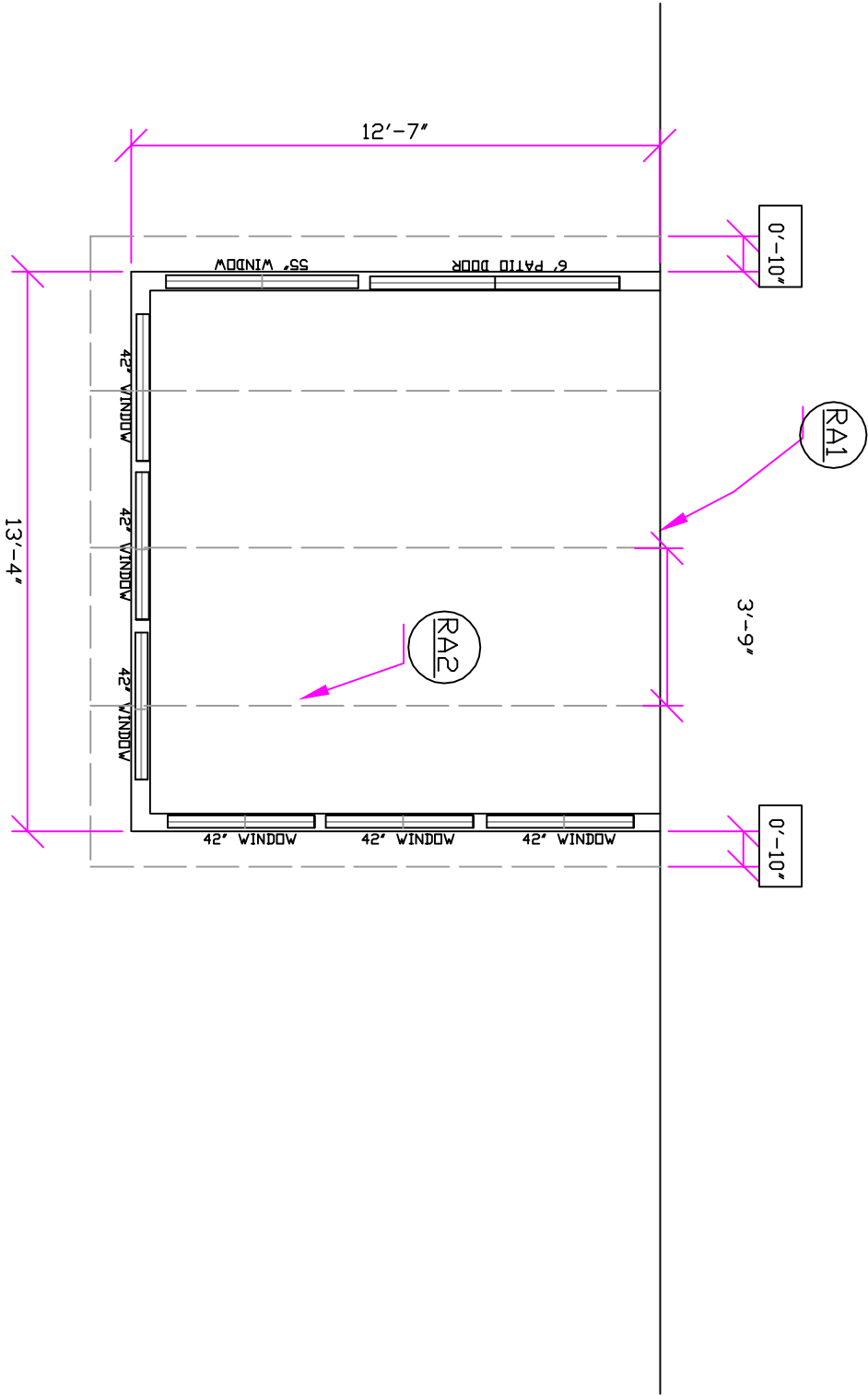
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

Fax: 856-853-7381
Phone 856-853-7306

JAMES A. CLANCY

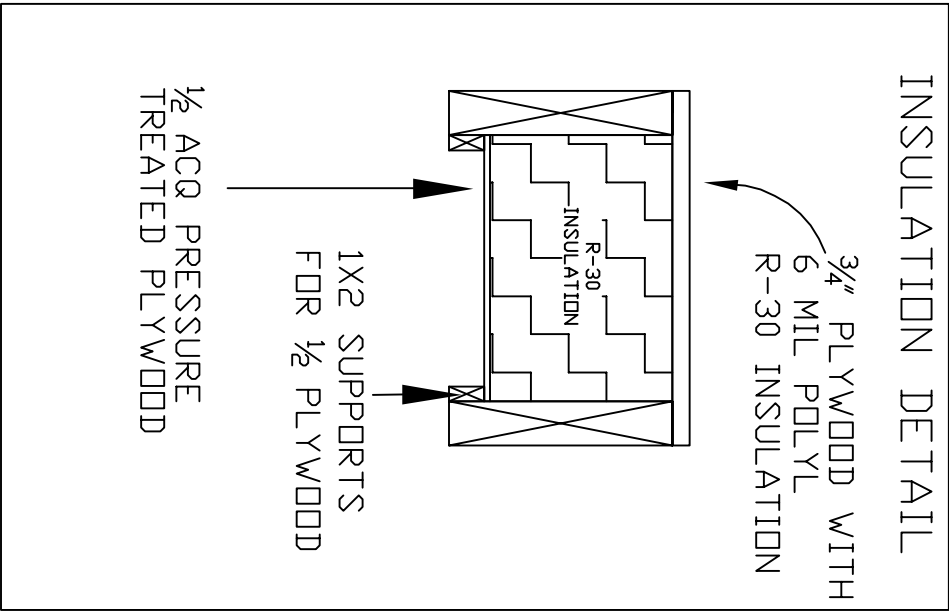
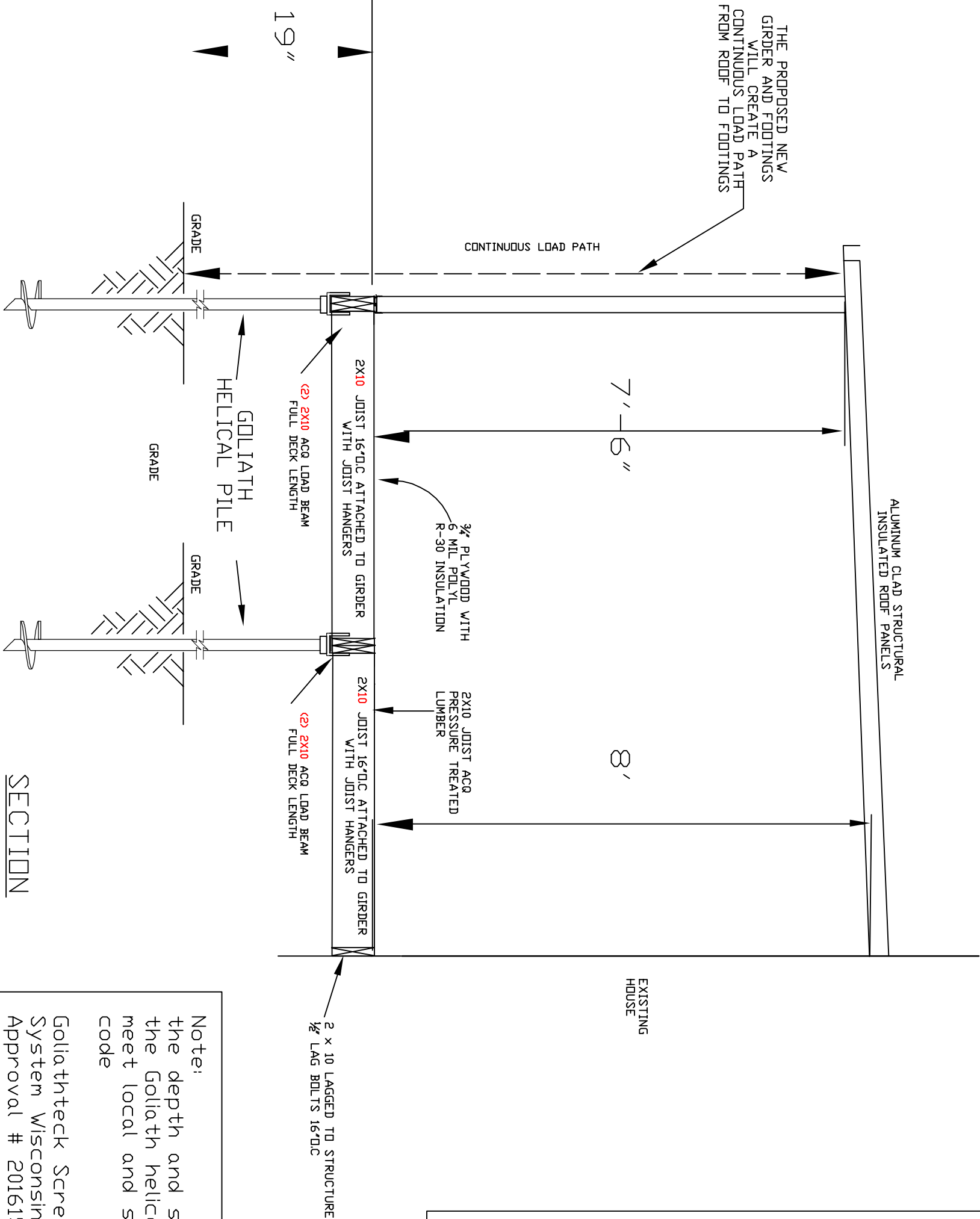
Professional Engineer WI LIC# 38262

FLOOR PLAN



CLIENT:	FOWLKES 11217 N. SHORECLIFF LN MEQUAN WI 53092	DESIGNER:	BEAR BUILDERS 2623 W. LAKE VISTA COURT MEQUON, WI 53092 414-305-7105	DRAWN BY: DC
JAMES A. CLANCY	JAMES A. CLANCY			
CONSULTING ENGINEER 601 ASBURY AVENUE NATIONAL PARK, NJ 08063	Fax: 856-853-7381 Phone 856-853-7306	Professional Engineer	WI LIC# 38262	

CROSS SECTION



SECTION

Note:
the depth and size of the Goliaith helical pile to meet local and state code

Goliahteck Screw Pile System Wisconsin Product Approval # 201615-0

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

DRAWN BY:
DC

JAMES A. CLANCY
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

Fax: 856-853-7381
Phone 856-853-7306

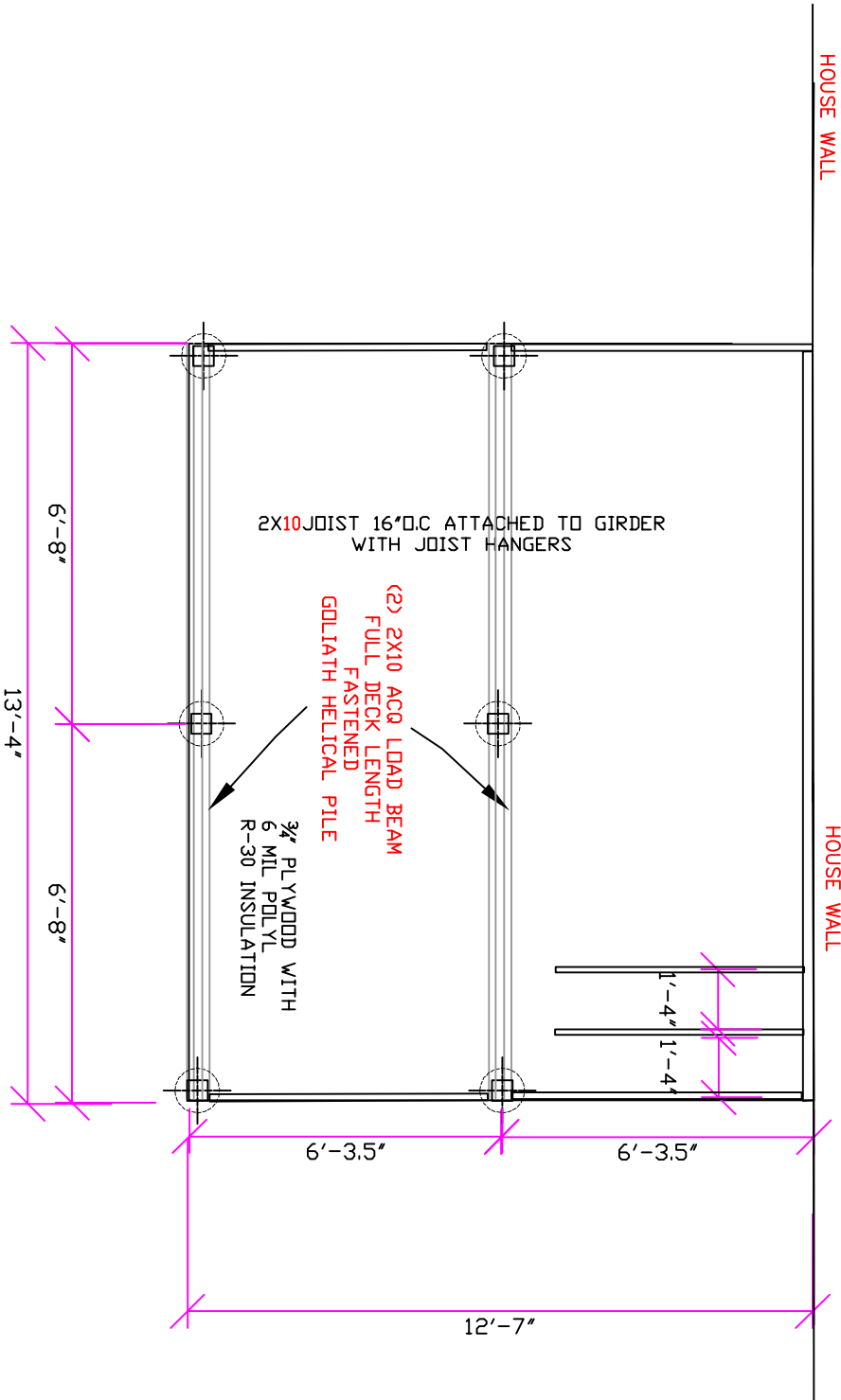
JAMES A. CLANCY

Professional Engineer

WI LIC# 38262

ECK LAYOUT GIRDERS & FOOTINGS

2x10 LEDGER
JOIST HANGERS ATTACHED 2X10 JOIST
2# 1/2" x 4.5" LAG BOLTS ACQ APPROVED 16" DN CENTER
OR 3/16" X 4" SPAX POWERLAGS INSTALLED TO MFR SPECIFICATIONS



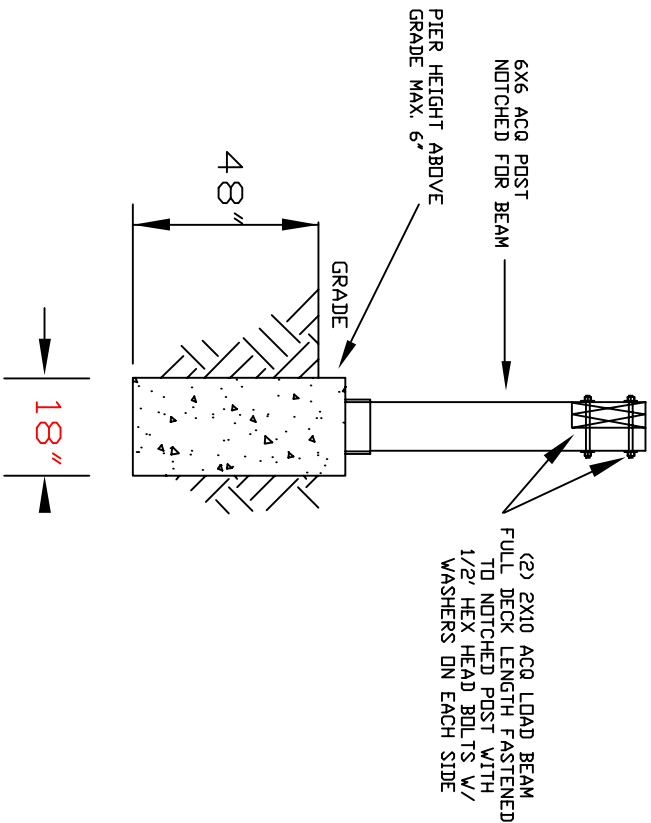
GIRDER:	ALLOWABLE SPAN BETWEEN COLUMN	FLOOR JOIST:	SPACING	MAX. CLEAR SPAN	HOUSE WALL PROJECTION
Size	Joist Spans				
2- 2" X 6"	6'	2" X 6"	12" DN CENTER	9'-11"	
2- 2" X 6"	6'8"	2" X 6"	16" DN CENTER	9'-0"	
3- 2" X 6"	7'11"	2" X 8"	12" DN CENTER	13'-1"	
2- 2" X 8"	8'6"	2" X 8"	16" DN CENTER	11'-10"	
2- 2" X 10"	10'1"	2" X 10"	12" DN CENTER	16'-2"	
3- 2" X 8"	10'7"	2" X 10"	16" DN CENTER	14'-0"	
3- 2" X 10"	12'9"	2" X 12"	12" DN CENTER	18'-0"	
2- 2" X 12"	11'11"	2" X 12"	16" DN CENTER	16'-6"	
3- 2" X 12"	15'0"	2" X 12"			

Spans are based on 40 psf live load, 10psf dead load, No. 2 stress grade, and wet conditions. Deflections of L360, cantilever L180. Source: American Wood Council Prescriptive Residential Wood Deck Construction Guide DCA-6 table 3A. and 2012 IRC (R507.6) SPECIES SOUTHERN PINE

Spans are based on 40 psf live load, 10psf dead load, No. 2 stress grade, and wet conditions. Deflections of L360, cantilever L180. Source: American Wood Council Prescriptive Residential Wood Deck Construction Guide DCA-6 table 2. and 2012 IRC (R507.5) SPECIES SOUTHERN PINE

NOTES:
ALL EXTERIOR STRUCTURAL LUMBER TO BE PRESSURE TREATED TO BE PRESSURE TREATED. ALL FASTENERS IN TREATED LUMBER SHALL BE STAINLESS STEEL OR GALVANIZED AND CONFORM TO ASTM A153

ALTERNATIVE FOOTING



NOTE:
THE LEDGER TO EXISTING HOUSE IS A STRUCTURAL CONNECTION.

IF THE LEDGER IS BEING FASTENED TO WOOD FRAMING, ALL LAG SCREWS MUST PENETRATE FULL DEPTH INTO THE SILL PLATE OR A WALL STUD.

IF THE LEDGER IS BEING FASTENED TO MASONRY, THROUGH BOLTS MUST PASS THROUGH THE ENTIRE WALL SYSTEM, AND CANNOT BE FASTENED INTO THE HOLLOW SPACE.

IF THE LEDGER IS BEING FASTENED TO A CONCRETE WALL, FULL DEPTH LAG SHIELDS ARE TO BE USED @ 16" O.C.

NOTES:
ALL EXTERIOR STRUCTURAL LUMBER TO BE PRESSURE TREATED

ALL FASTENERS IN TREATED LUMBER SHALL BE STAINLESS STEEL OR GALVANIZED OR CONFORM TO ASTM A153

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

DRAWN BY:
DC

JAMES A. CLANCY

JAMES A. CLANCY

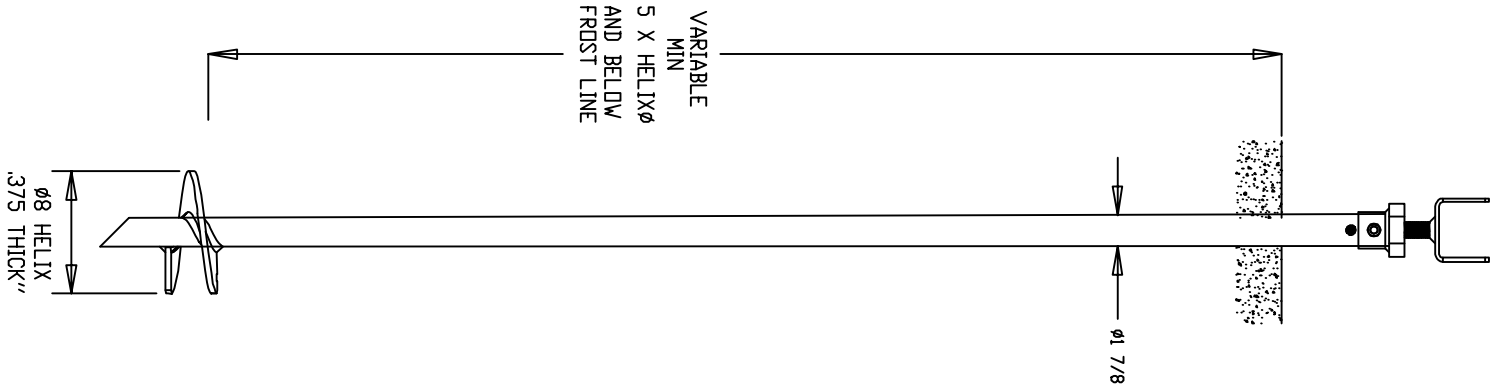
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

Fax: 856-853-7381
Phone: 856-853-7306

Professional Engineer

WI LIC# 38262

GOLIATHTECH HELICAL PILE WI APPROVAL #201615-0



- NOTES:
- 1- SEE SHOP DRAWINGS FOR MATERIALS AND FINISHES SPECIFICATIONS.
 - 2- POSITION THE SLEEVE USING THE FIXTURES
 - 3- WELD PERFORMED BY SHOP QUALIFIED WELDER AS PER CSA STANDARD W47.1 SPECIFICATIONS.
 - 4- HOT-DIP GALVANIZED AS PER ASTM A153 CLASS B

NOTE:
THE DEPTH AND THE SIZE OF THE GOLIATHTECH
HELICAL PILE TO MEET LOCAL AND STATE CODE
GOLIATHTECH HELICAL PILE SYSTEM WISCONSIN
PRDDUCT APPROVAL # 201615-0

Pile diameter in	Wall Thickness in	Applied Torque		Load Capacity					
				Pile Capacities in Soil (SF=2) SLS					
		lb-ft	Nm	Compression		Tension (<14' depth)		Tension (>14' depth)	
1 7/8	0.154	1250	1695	6250	28	3125	14	4375	19
2 3/8	0.154	2000	2712	10000	44	5000	22	7000	31
2 7/8	0.250	5000	6780	22500	100	11250	50	15750	70
3 1/2	0.250	7750	10508	27125	121	13563	60	18988	84
4 1/2	0.250	13500	18305	40500	180	20250	90	28350	126
5 9/16	0.375	29750	40338	74375	331	37188	165	52063	232

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

DRAWN BY:
DC

JAMES A. CLANCY
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

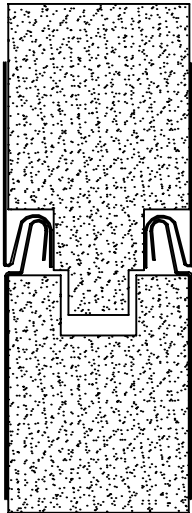
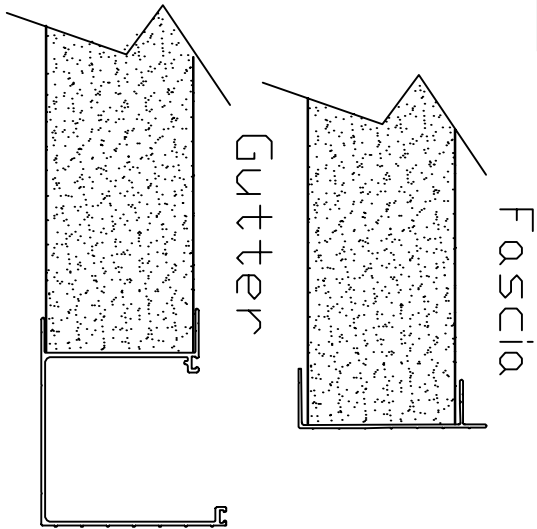
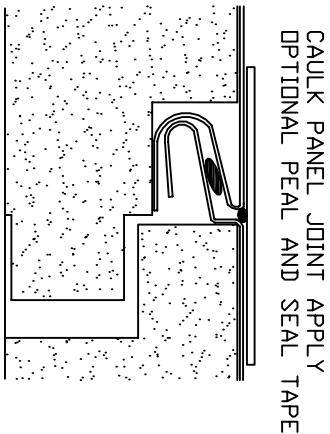
Fax: 856-853-7381
Phone 856-853-7306

JAMES A. CLANCY

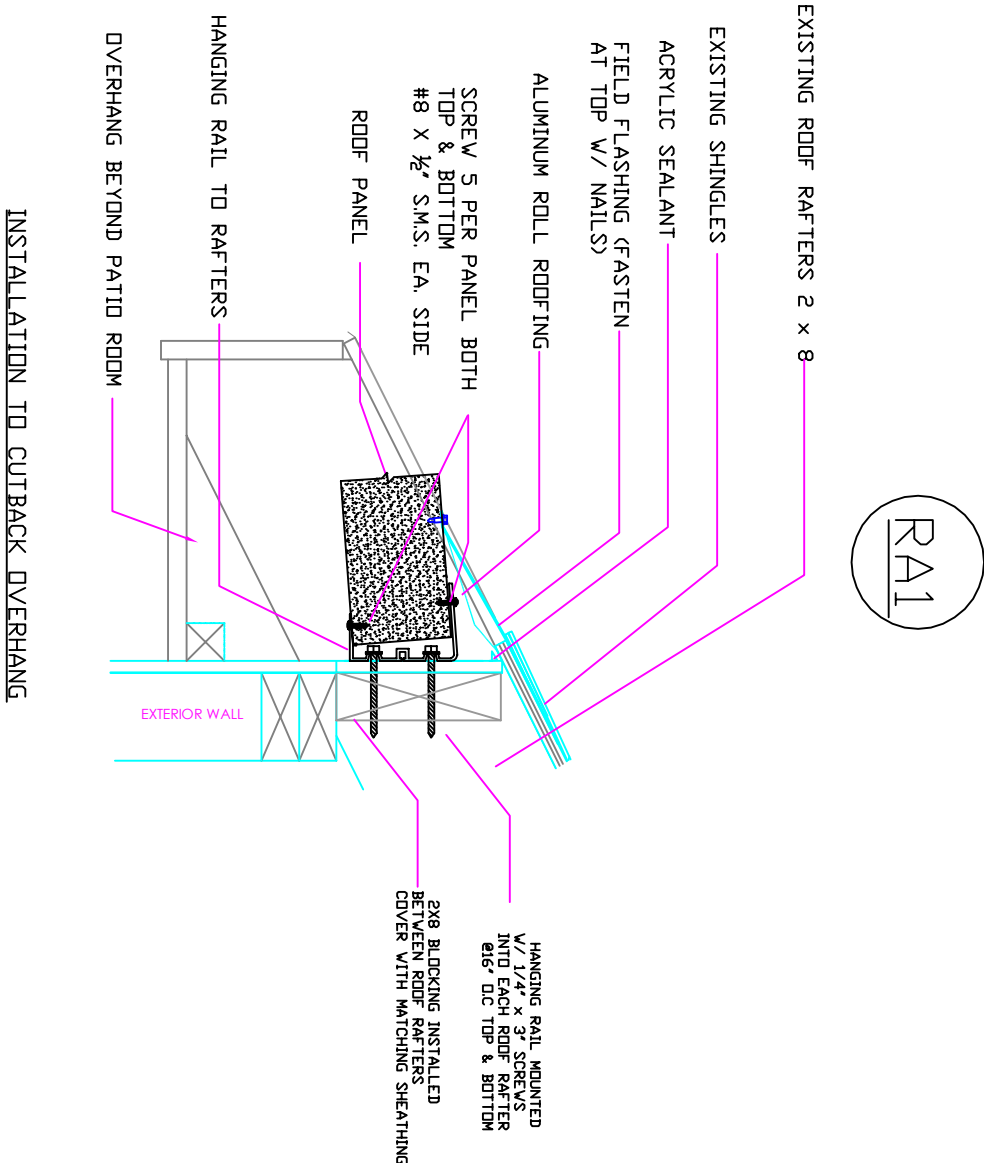
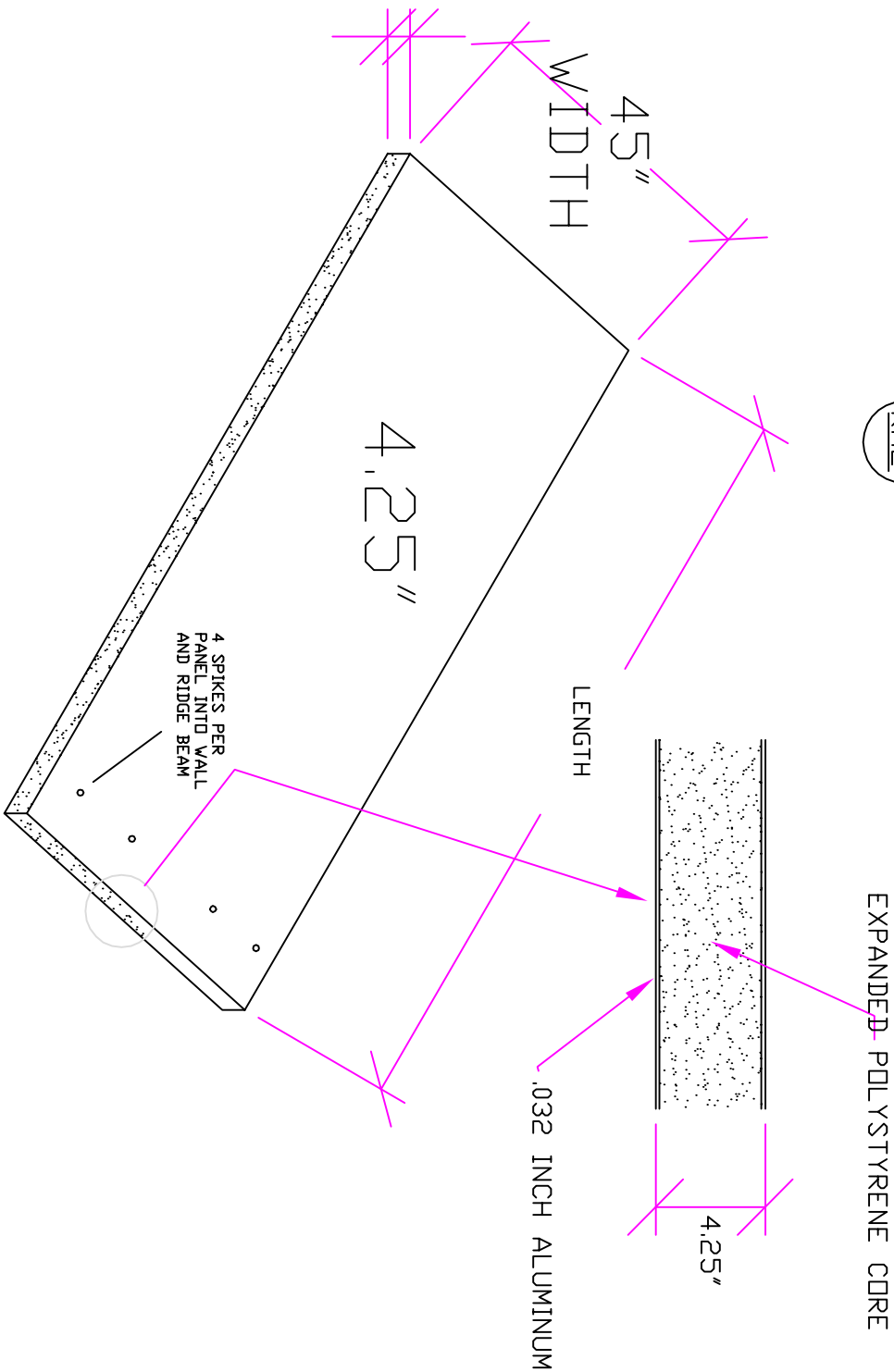
Professional Engineer

WI LIC# 38262

ROOF CONNECTION DETAILS



RA2



CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
MEQUON, WI 53092
414-305-7105

DRAWN BY:
DC

PG

8

JAMES A. CLANCY
CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

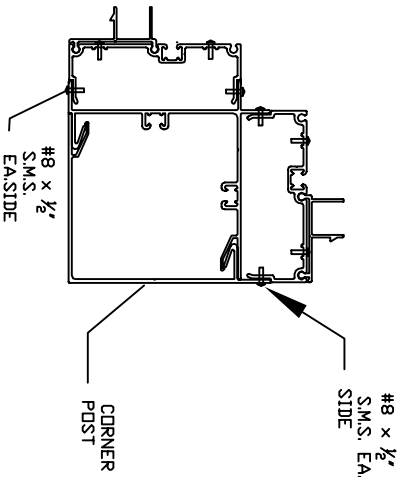
Fax: 856-853-7381
Phone 856-853-7306

JAMES A. CLANCY

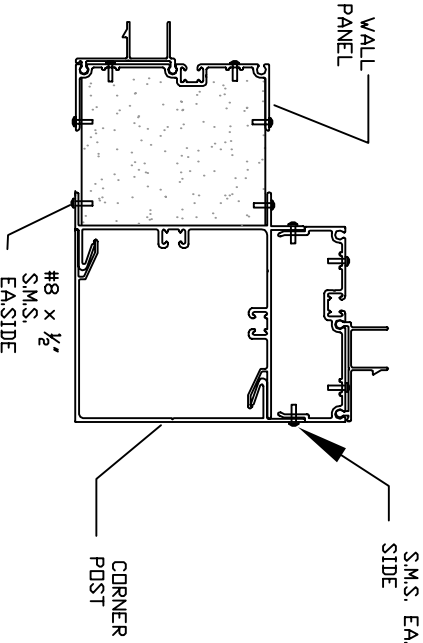
Professional Engineer

WI LIC# 38262

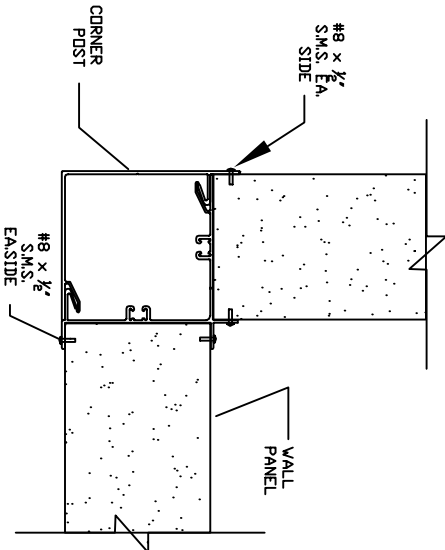
CONNECTION DETAILS A6 (1 OF 2)



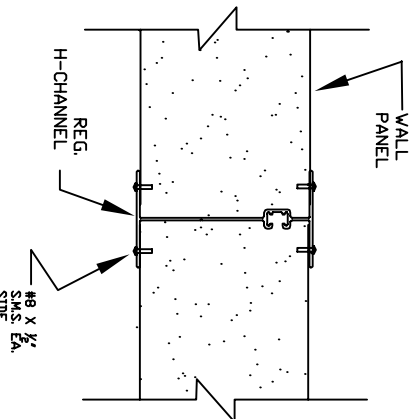
A
A-6 CORNER POST / MATING MALE
POST ASSEMBLY



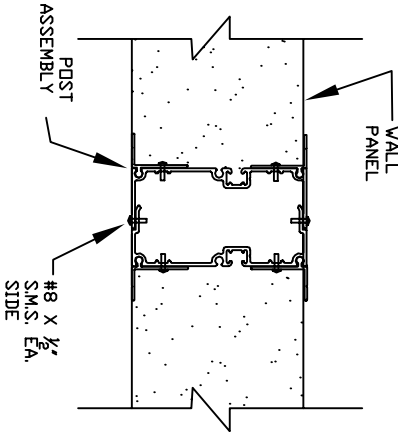
B
A-6 CORNER POST / FILL PANEL/ FEMALE
POST ASSEMBLY



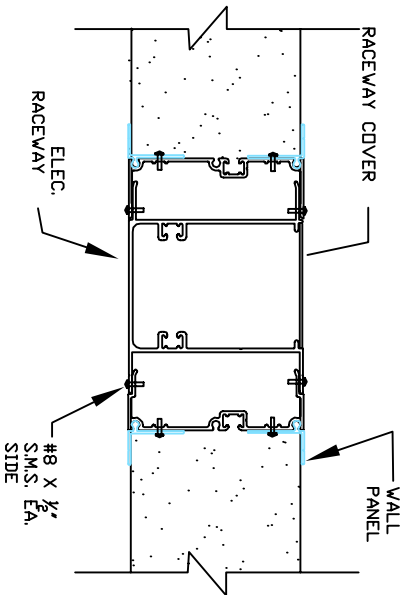
C
A-6 CORNER POST/FILL PANEL
N.T.S.



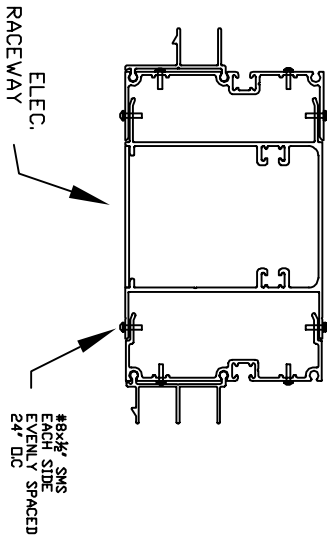
D
A-6 STANDARD 'H' / FILL PANEL



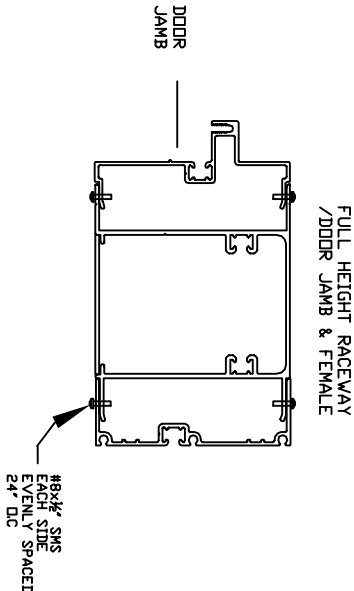
E
A-6 MALE & FEMALE W/ K/P ADAPTOR



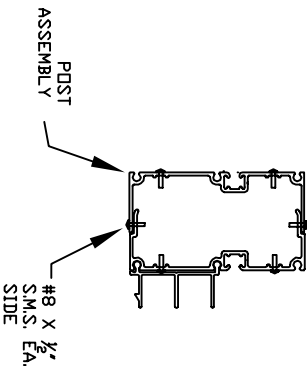
F
A-6 RACEWAY MALE/FEMALE
POST ASSEMBLY



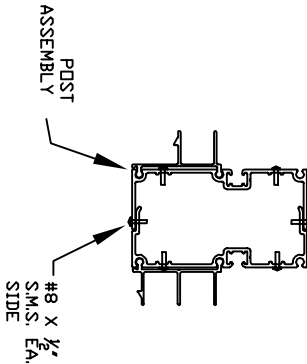
G
A-6 RACEWAY MALE/FEMALE WINDOW SASH
POST ASSEMBLY



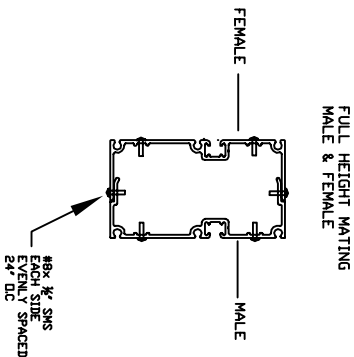
H
A-6 RACEWAY MALE/FEMALE DOOR FRAME
POST ASSEMBLY



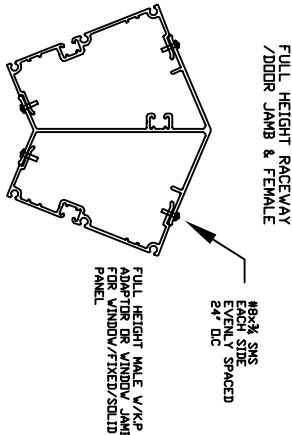
I
A-6 FEMALE/MAIL/WINDOW JAMB
N.T.S.



J
A-6 SLIDING WINDOW FEMALE & MALE
POST ASSEMBLY



K
A-6 MALE / FEMALE
POST ASSEMBLY



L
A-6 BAY CORNER MULLIONS
POST ASSEMBLY

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUAN WI 53092

DESIGNER: BEAR BUILDERS
2623 W. LAKE VISTA COURT
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414-305-7105

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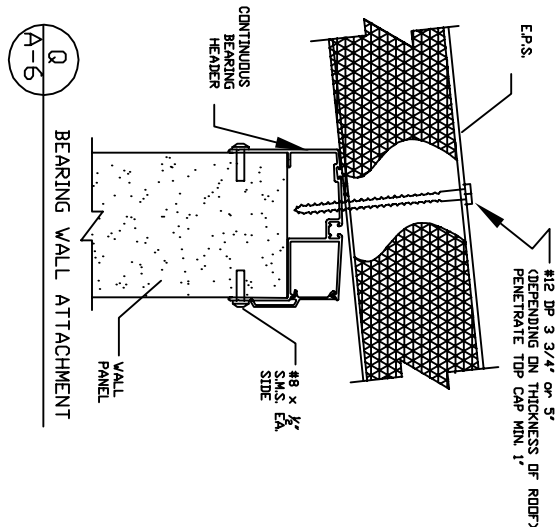
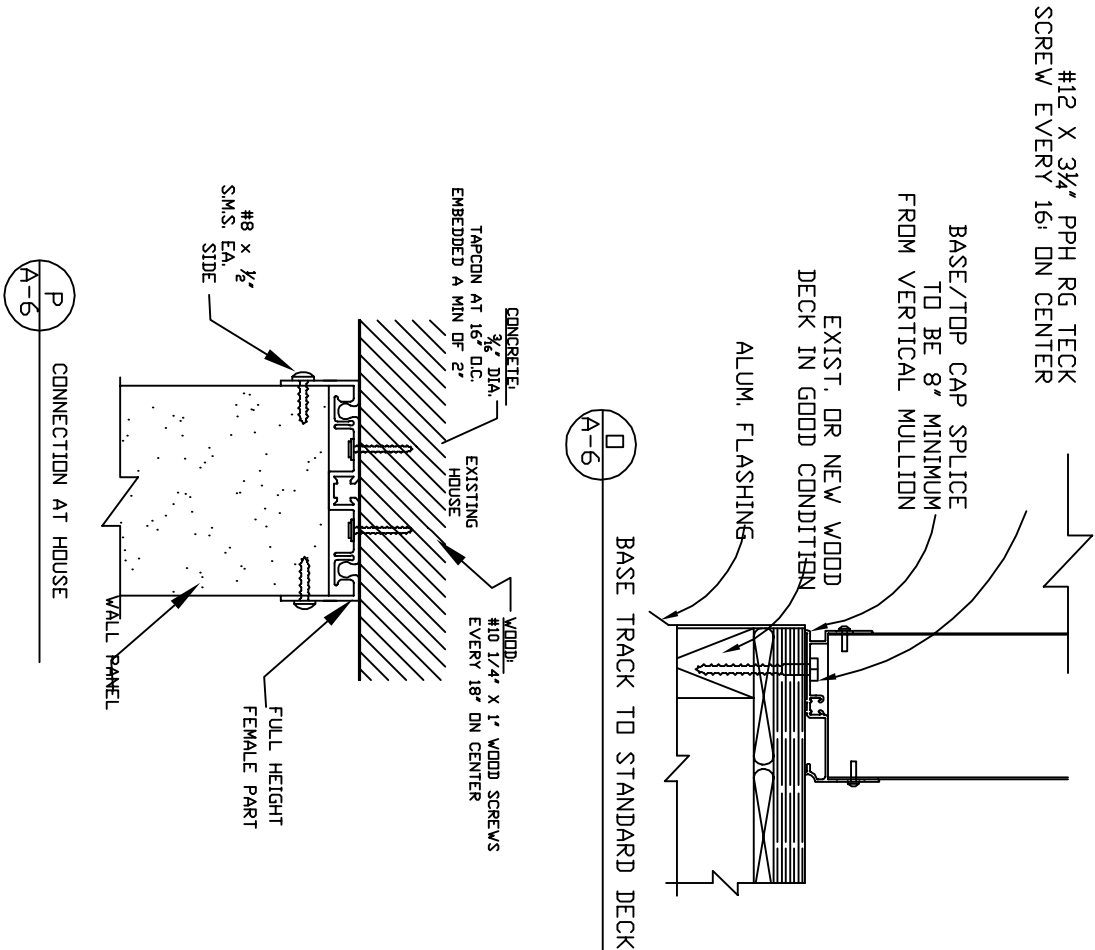
JAMES A. CLANCY

CONSULTING ENGINEER
601 ASBURY AVENUE
NATIONAL PARK, NJ 08063

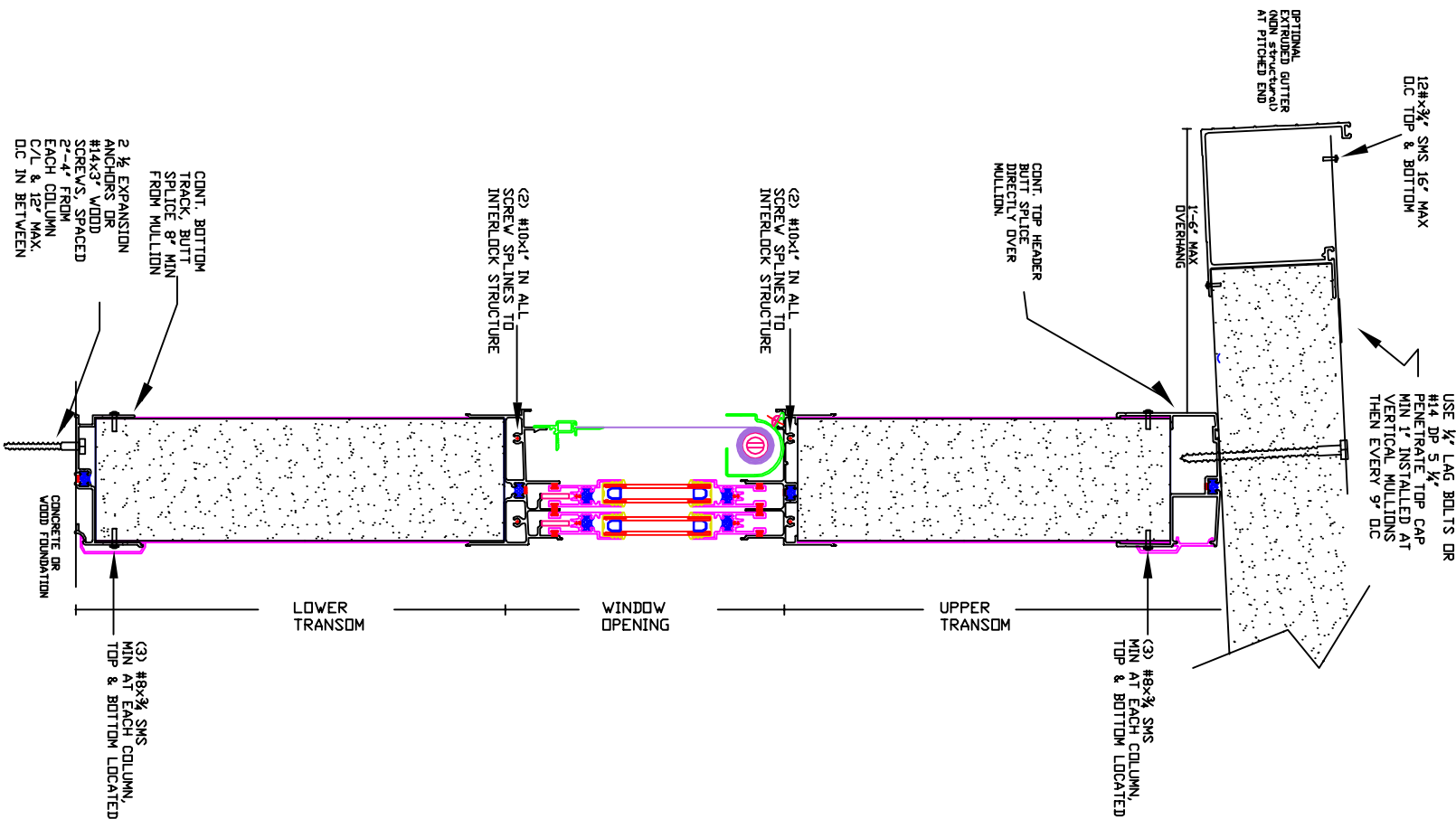
Fax: 856-853-7381
Phone 856-853-7306

Professional Engineer WI LIC# 38262

CONNECTION DETAILS A6 (2 OF 2)



WALL CROSS SECTION



CLIENT: FOWLKES
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Professional Engineer

WI LIC# 38262

Technical drawing of a handrail assembly, showing side and end views with dimensions and labels.

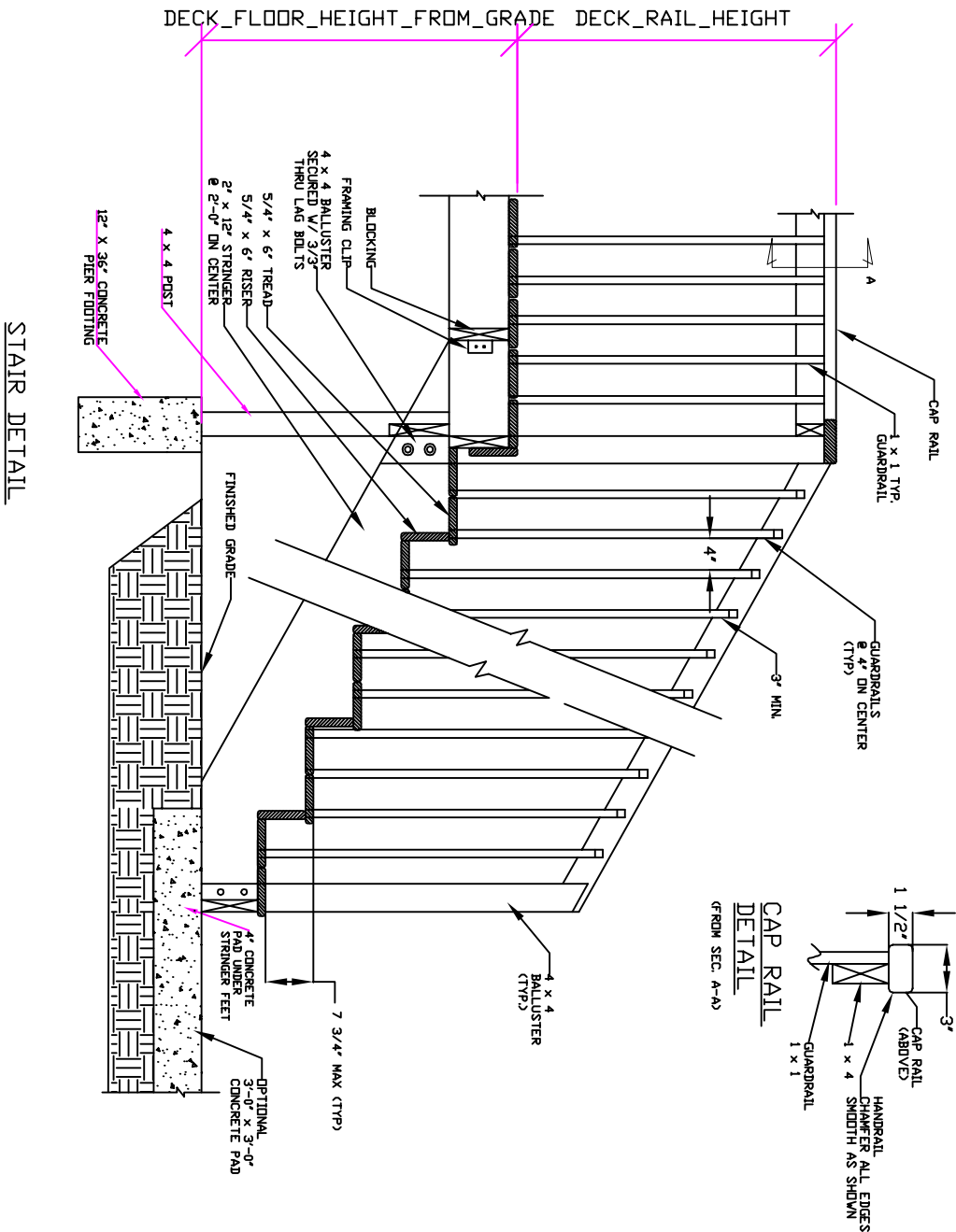
Labels:

- 2-1/4" GRASPABLE HAND RAIL
- 3/4" (MIN) 3/8" (MAX)
- 1 x 1 P.T. GUARDRAIL MAX. SEPARATION 4"
- TREAD NOSING

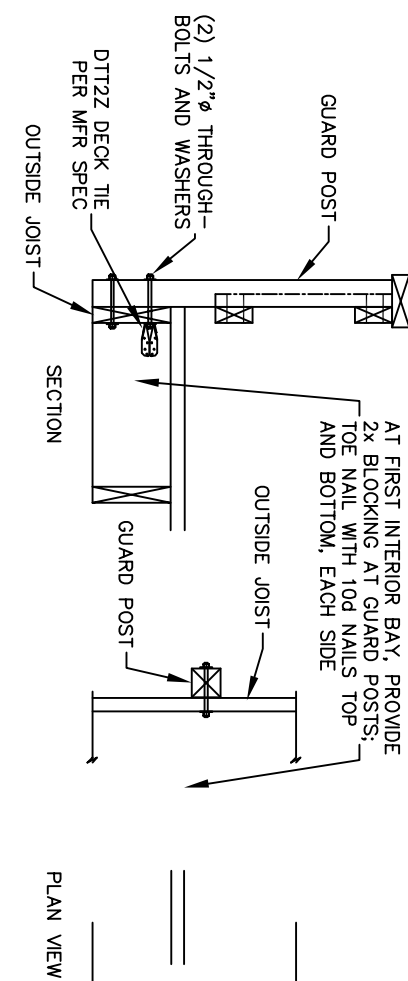
Dimensions:

- 1-1/2' (End View)
- 34" (MIN) 38" (MAX) (Side View)

HANDRAIL DETAIL



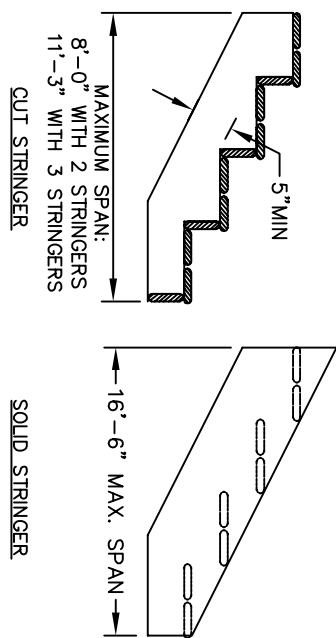
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DC



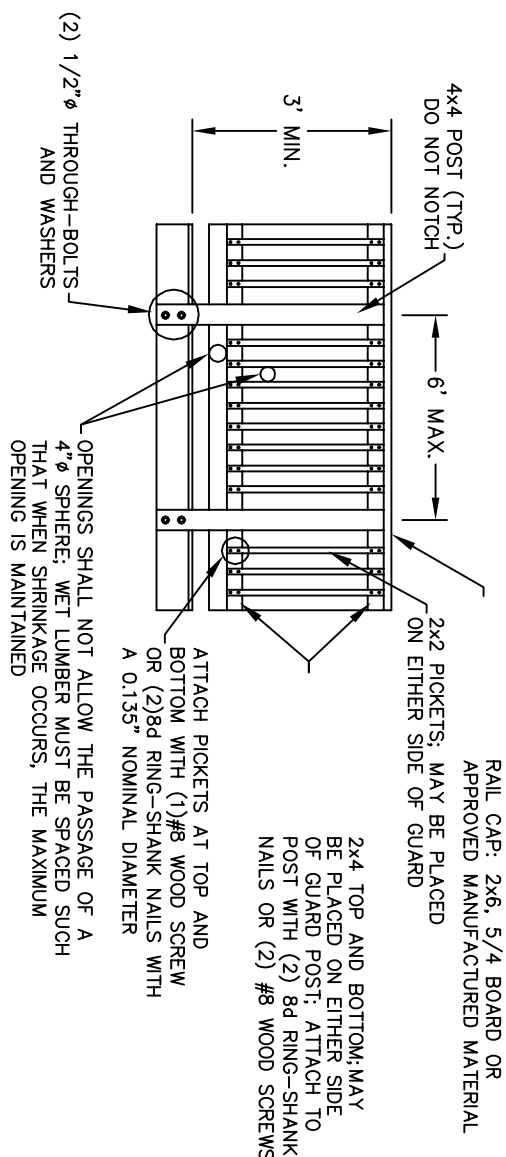
GUARD POST TO OUTSIDE JOIST DETAIL



STAIR STRINGER ATTACHMENT DETAIL

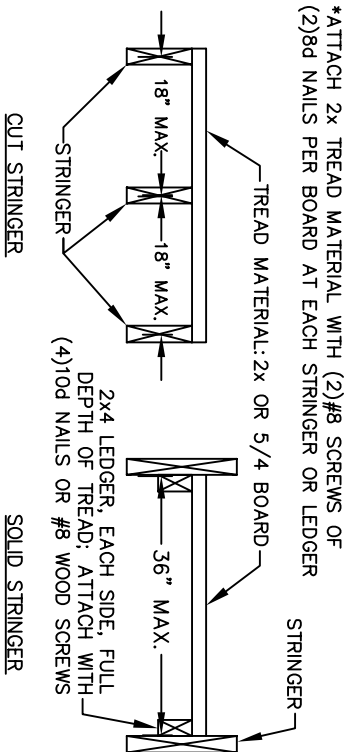


STAIR STRINGER REQUIREMENTS

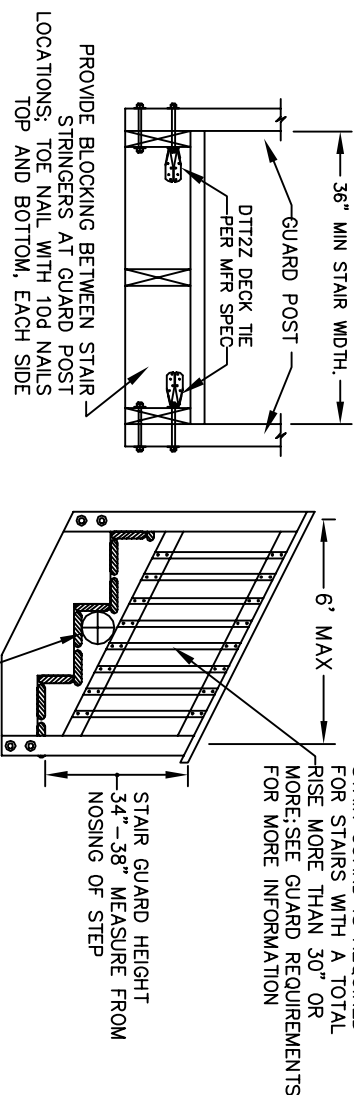


TYPICAL GUARD
DETAIL

STAIR STRINGER BEARING AT GRADE DETAIL



TREAD CONNECTION REQUIREMENTS



STAIR GUARD REQUIREMENTS

STAIR DETAIL

NOT TO SCALE

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
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2623 W. LAKE VISTA COURT
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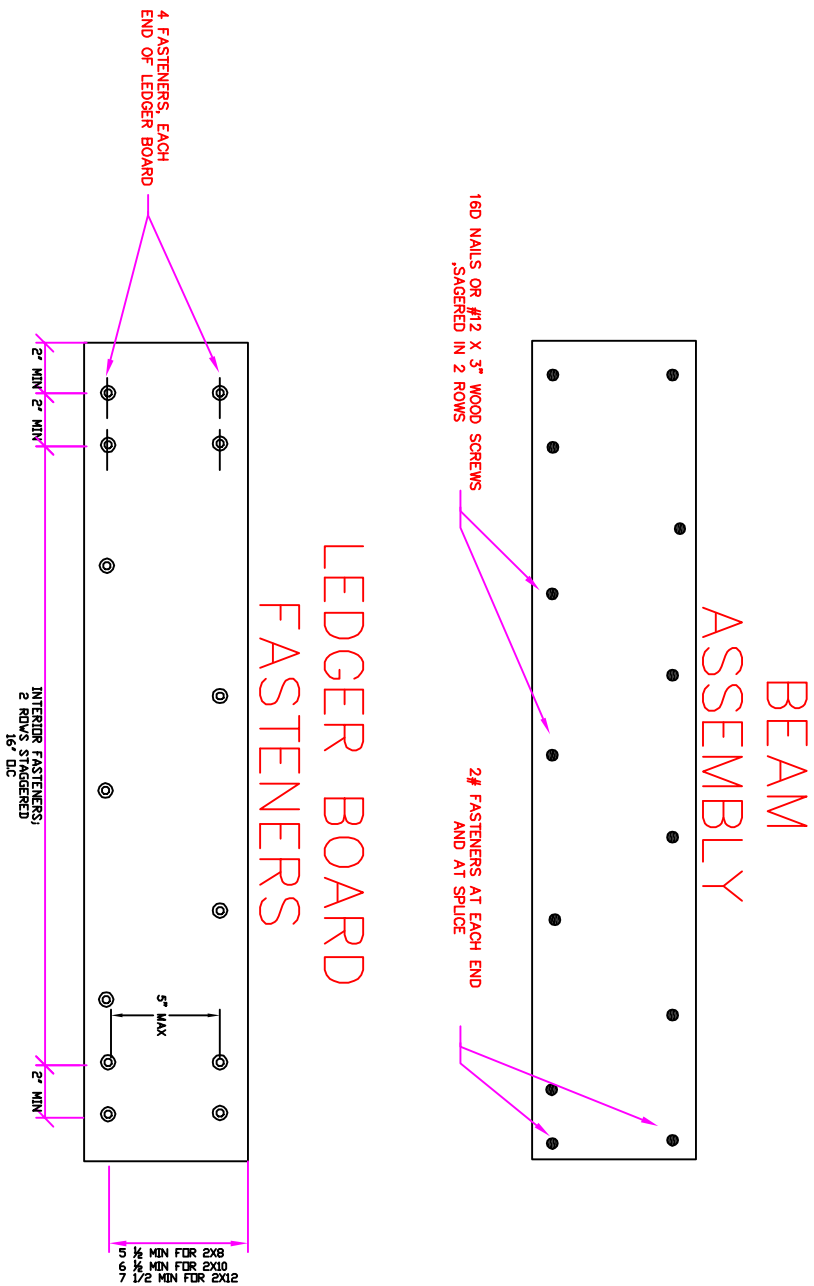
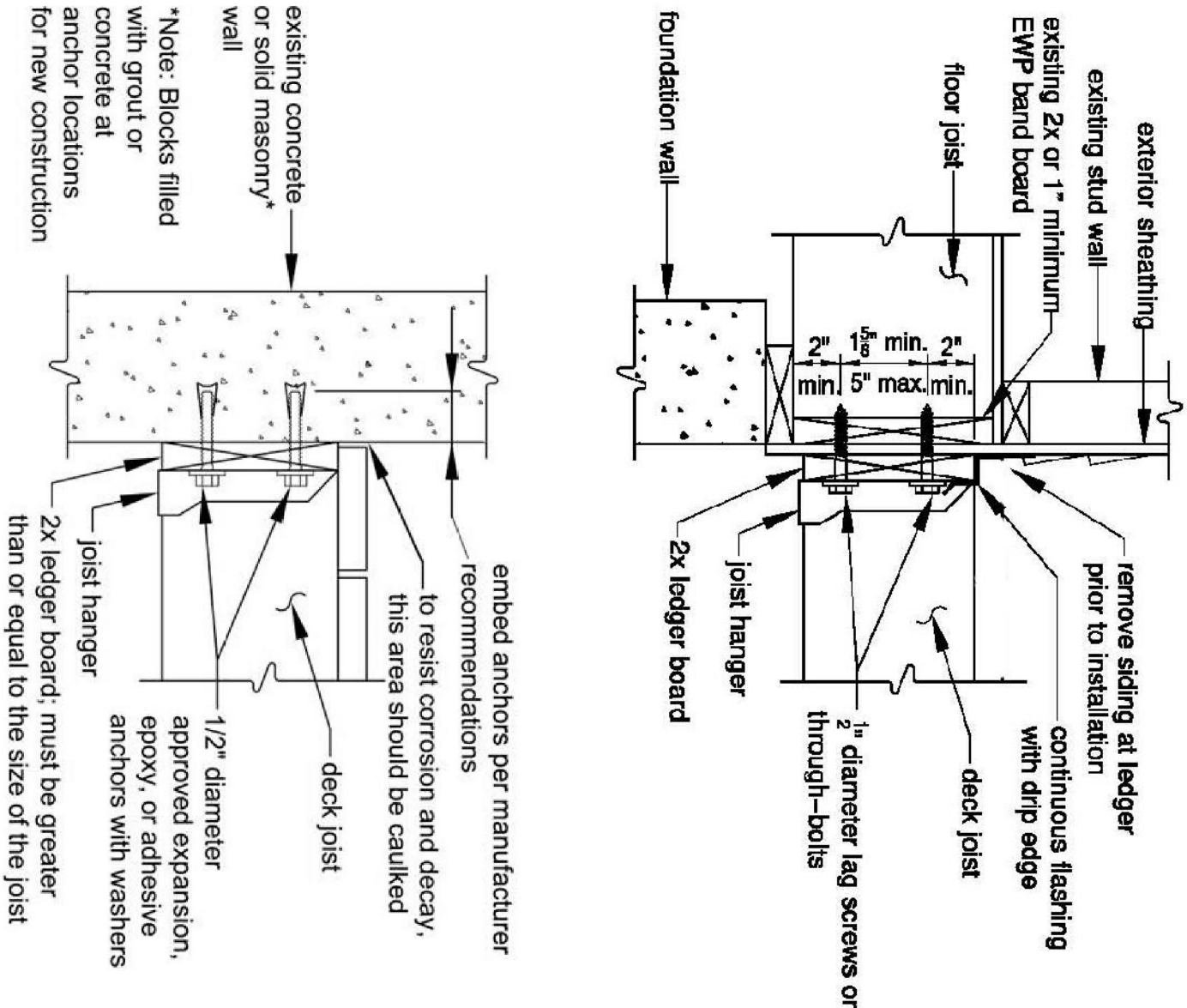
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Phone 856-853-7306

JAMES A. CLANCY

Professional Engineer

WI LIC# 38262

LEDGER DETAILS- BEAM DETAILS



CLIENT: FOWLKES
11217 N. SHORECLIFF LN
MEQUON WI 53092

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Professional Engineer

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CALCULATIONS: SOIL & WIND UPLIFT

SOIL BEARING CAPACITY
CALCULATIONS

ROOM STYLE

STUDIO

LOADING

ROOF LIVE	30 PSF
ROOF DEAD	10 PSF
ROOF TOTAL	40 PSF
FLOOR LIVE	40 PSF
FLOOR DEAD	5 PSF
FLOOR TOTAL	45 PSF

DECK DETAILS

PROJECTION	12.59 FT
WIDTH	13.4 FT
EXTRA	0 FT²
TOTAL AREA	168.706 FT²
DISTANCE TO FIRST BEAM FROM HOUSE	6.67 FT

WEIGHT OF PRODUCT

WEIGHT	1870 LBS
--------	----------

TOTAL DESIGN LOAD

LOAD	10824.89 LBS
------	--------------

NUMBER OF GOLIATH TECK HELICAL POSTS

POSTS	6
-------	---

SOIL BEARING CAPACITY

BEARING PER POST (<10,000PSF)	1804 PSF
-------------------------------	----------

WIND UPLIFT DESIGN CALCULATIONS

TOTAL WEIGHT OF PRODUCT

1870	LBS
------	-----

DIMENSION OF DECK

PROJECTION (FEET)	12.58	FT
WIDTH (FEET)	13.4	FT
EXTRA SQUARE FOOTAGE IF ODD SHAPED (SQUARE FEET)		FT²
TOTAL AREA (SQUARE FEET)	168.572	FT²

DECK WEIGHT PER SQUARE FOOT

10	LBS/FT²
----	---------

GOLIATH POST DESIGN

BEARING CAPACITY	5910	LBS
ACCEPTABLE UPLIFT RESISTANCE PER POST	2955	LBS

NUMBER OF PIERS

6

WIND CONVERSION

WIND SPEED (80,90,100,110,120,130,140,150)	120	MPH
EXPOSURE (B,C,D) RISK CATERGORY 3-4	C	
CALCULATED WIND PRESSURE	33.6	LBS/FT²

FINAL CALCULATIONS

TOTAL UPLIFT	5664.019	LBS
TOTAL WEIGHT OF DECK, PRODUCT, AND FOOTINGS	21286	LBS
DIFFERENCE	15621.98	LBS

WIND UPLIFT DESIGN IS ACCEPTABLE

CLIENT:	FOWLKES 11217 N. SHORECLIFF LN MEQUAN WI 53092	DESIGNER:	BEAR BUILDERS 2623 W. LAKE VISTA COURT MEQUON, WI 53092 414-305-7105	DRAWN BY:	DC
JAMES A. CLANCY CONSULTING ENGINEER 601 ASBURY AVENUE NATIONAL PARK, NJ 08063		JAMES A. CLANCY Professional EngineerWI LIC# 38262			

Fax: 856-853-7381
Phone 856-853-7306

CALCULATIONS: ROOF SNOW LOAD

SPAN (feet)	12.500	A	SPAN (feet)	12.50	
LIVE (SNOW) LOAD (psf)	30.00	B	LOADING CONDITIONS		
DEAD LOAD (psf)	5.00		LIVE LOAD (psf)	30.00	
			DEAD LOAD (psf)	5.00	
TOTAL LOAD (psf)	35.00				
Foam Dimension - C (inches)	4.25	C	TOTAL LOAD (psf)	35.00	
Foam Density (pcf)	2.00		MATERIAL SPECIFICATIONS		
E _c (psi)	480		FOAM CORE THICKNESS (inches)	4.25	
F _v (psi)	35		FOAM CORE DENSITY (pcf)	2.00	
G _c (psi)	620		E _c (psi)	480	
T1 (inches)	0.032		F _v (psi)	35	
T2 (inches)	0.032		G _c (psi)	620	
H (inches)	4.31		ALUMINUM THICKNESS (inches)	0.032	
A1 (inches) ²	0.384		E (psi)	10,100,000	
A2 (inches) ²	0.384				
E (psi)	10,100,000	D	SECTION PROPERTIES		
Aluminum Working Stress (psi)	11,818		C (inches)	4.25	
Y (inches)	2.16		T1 (inches)	0.032	
I (inches) ⁴	3.52		T2 (inches)	0.032	
S (inches) ³	1.63		H (inches)	4.31	
			A1 (inches) ²	0.384	
Bending Stress (psi)	5,026	E	A2 (inches) ²	0.384	
Shear Stress (psi)	4.26		ALUMINUM WORKING STRESS (psi)	11,818	
Skin Buckling (psi)	7,215	F	Y (inches)	2.16	
			I (inches) ⁴	3.52	
Allowable Deflection (inches)	1.25		S (inches) ³	1.63	
Actual Deflection (inches)	0.80	G	BENDING STRESS (psi)	5,026	IS LESS THAN 11,818
			F _b = 1.5WL ² /S		Bending Stress is Acceptable
		H	SHEAR STRESS (psi)	4.26	IS LESS THAN 35
			F _v = WL/(H+C)12		Shear Stress is Acceptable
		I	SKIN BUCKLING STRESS (psi)	7,215	IS GREATER THAN 5,026
			C _{cr} = 0.5(cube root)(E)(E _c)(G _c)		Skin Buckling Stress is Acceptable
		J	ALLOWABLE DEFLECTION (inches)	1.25	
			DEFLECTION		
		K	ACTUAL DEFLECTION (inches)	0.80	IS LESS THAN 1.25
			DEF = 5WL ⁴ /(1728)/(384EI+WL ² /4(H+C)G _c)		Deflection is Acceptable

CLIENT: FOWLKES
11217 N. SHORECLIFF LN
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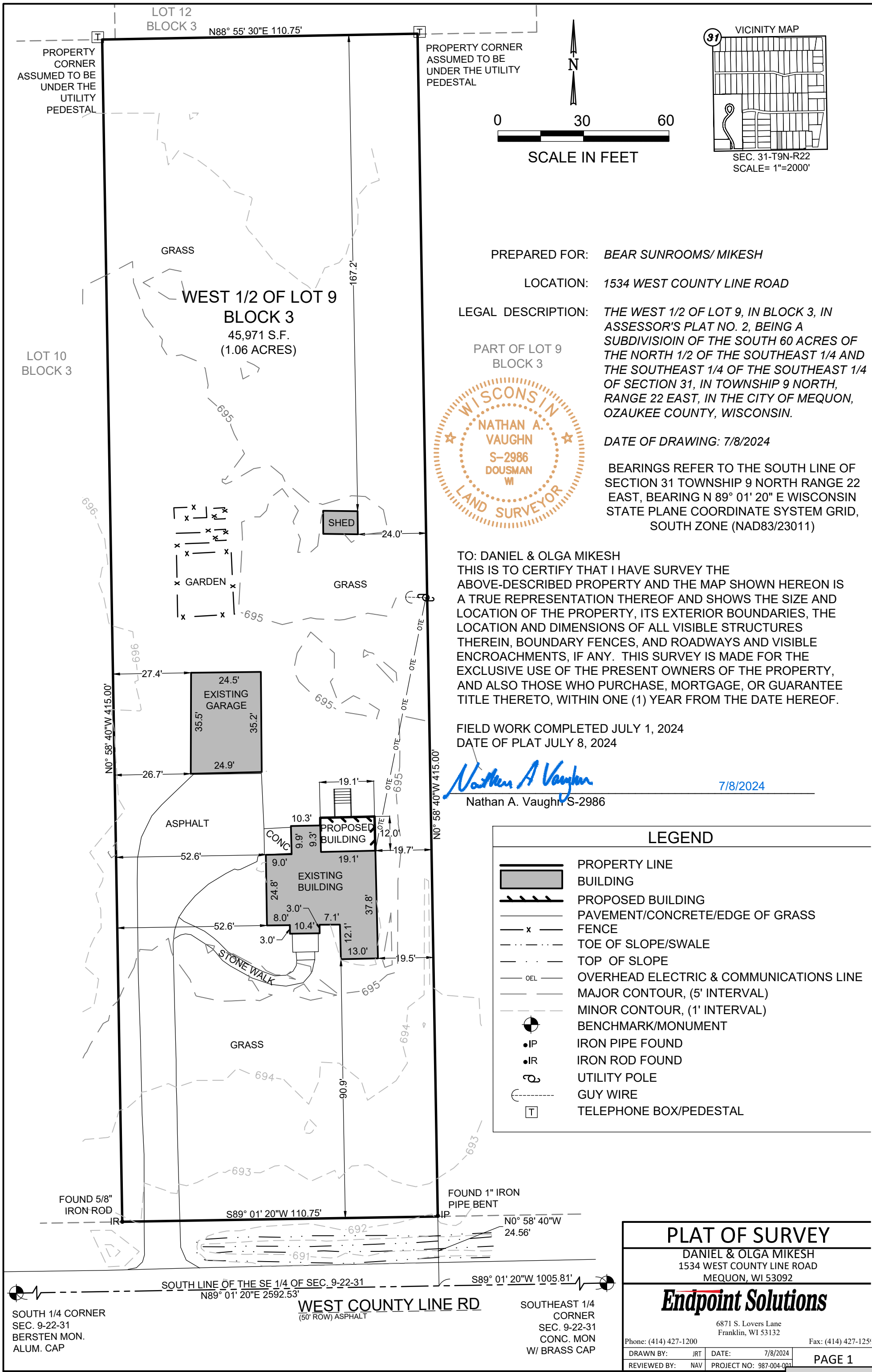
11333 N. Cedarburg Road
Mequon, WI 53092-1930
Phone: 262-242-3100
Fax: 262-242-9655

www.ci.mequon.wi.us

Office of Architectural Board

TO: Architectural Board
FROM: Karen Heil, Administrative Assistant
DATE: August 12, 2024
SUBJECT: Daniel & Olga Mikesh - Three Season Room Addition at 1534 W. County Line Road

Attachments:
Survey (PDF)
Pictures (PDF)
Plans (PDF)



Attachment: Survey (9586 : Daniel & Olga Mikesh)

3.8.b

Attachment: Pictures (9586

Front of home

Packet Pg. 119

3.8.b

Attachment: Pictures (9586

Rear of home

Packet Pg. 120

3.8.b

Attachment: Pictures (9586

Packet Pg. 121

West side of the house



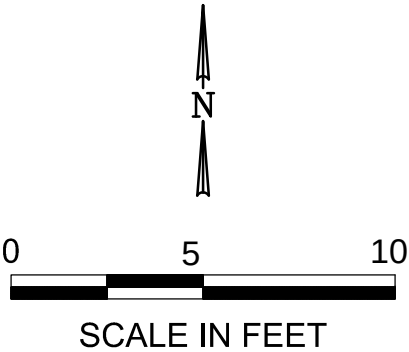
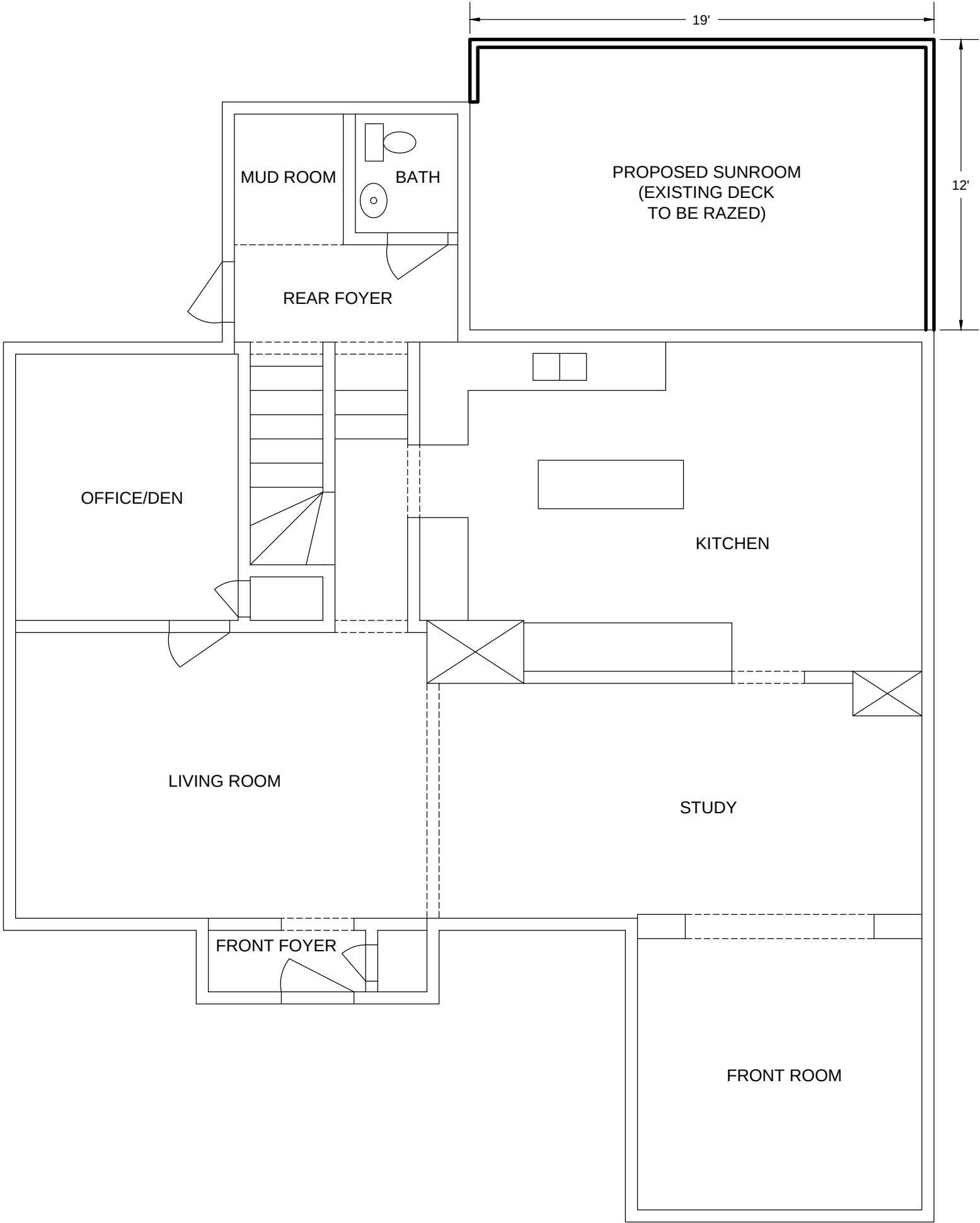
3.8.b

Attachment: Pictures (9586

East side of home

Packet Pg. 122

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IMAGES: T:\Template Forms\CADD\Logos\Endpoint\Endpoint Solutions HI-Res.jpg;
XREFS: \Endpoint 11x17 Border-Mikesh.dwg



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APPROVED BY:	NWD		

PROJECT NO
987-004-001

SHEET NO.

1

Packet Pg. 123

MIKESH

FLOOR PLAN
1534 W. COUNTY LINE ROAD

Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

Attachment: Plans (9586 : Daniel & Olga Mikesh)

REV	DATE	
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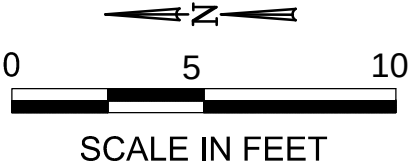
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Jul 17, 2024 2:56pm PLOTTED BY: ndraskovich, SAVED BY: ndraskovich
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IMAGES: T:\Template Forms\CADD\Logos\Endpoint\Solutions HI-Res.jpg;
XREFS: \Endpoint 11x17 Border-Mikesh.dwg

PROPOSED SUNROOM

2'

WEST SIDE ELEVATION



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APPROVED BY:	NWD	

PROJECT NO
987-004-001

SHEET NO.

MIKESH
WEST ELEVATION
1534 W. COUNTY LINE ROAD

Attachment: Plans (9586 : Daniel & Olga Mikesh)

Endpoint Solutions

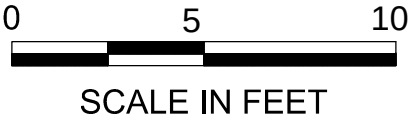
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

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XREFS: \Endpoint 11x17 Border-Mikesh.dwg



SOUTH SIDE ELEVATION



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PROJECT NO
987-004-001

SHEET NO.

2

Packet Pg. 125

MIKESH

SOUTH ELEVATION

1534 W. COUNTY LINE ROAD

Endpoint Solutions

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FRANKLIN, WI 53132
PHONE: (414) 427-1200

Attachment: Plans (9586 : Daniel & Olga Mikesh)

REV	DATE	
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3.8.c

Jul 17, 2024 2:56pm PLOTTED BY: ndraskovich, SAVED BY: ndraskovich
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EAST SIDE ELEVATION

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Endpoint Solutions

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FRANKLIN, WI 53132
PHONE: (414) 427-1200

MIKESH
EAST ELEVATION
1534 W. COUNTY LINE ROAD
Attachment: Plans (9586 : Daniel & Olga Mikesh)

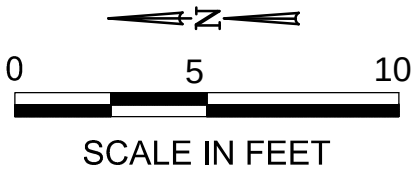
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PROJECT NO
987-004-001
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XREFS: \Endpoint 11x17 Border-Mikesh.dwg



NORTH SIDE ELEVATION



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987-004-001			
SHEET NO.			
5			

MIKESH
NORTH ELEVATION
1534 W. COUNTY LINE ROAD

Endpoint Solutions
6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200
Attachment: Plans (9586 : Daniel & Olga Mikesh)

REV	DATE	
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