Owner (s): FREISTADT EV LUTHERAN TRINITY CONGREGATION		Location:
Mailing Address: FREISTADT EV LUTHERAN TRINITY CONGREGATION 10729W FREISTADT ROAD MEQUON, WI 53097 Request Mailing Address Change		School District: 3479 - Mequon-Thiensville School
Tax Parcel ID Number: 14-019-01-001.00	Tax District: 45255-City of Mequon	Status: Active
Alternate Tax Parcel Number:	Government Owned:	Acres: 38.4900

Description - Comments (Please see Documents tab below for related documents. For a complete legal description, see recorded document.):
111/513 C/352-353
NE NE 38.49 ACS
1314 X 50 FT OF BEING CHURCH PLACE
SEC 19 T 9 R 21

Site Address (es): *(Site address may not be verified and could be incorrect. DO NOT use the site address in lieu of legal description.)*
10729W FREISTADT RD Mequon, WI 53097
11856N CHURCH PL Mequon, WI 53097

FUTURE OUTBUILDING FOR:

TRINITY FREISTADT HISTORICAL SOCIETY

10729 WEST FREISTADT ROAD
MEQUON, WI 53097

TABLE OF CONTENTS:

1ST FLOOR	2400 SQ. FT.
2ND FLOOR	1839 SQ. FT.
TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

FINAL CONSTRUCTION PLANS

Design 4 Style ARCHITECTURE
DREAM • DESIGN • DEVELOP
P: 262.483.6845
E: LISA@DESIGN4STYLE.COM
P: 920.607.2681
E: NATE@DESIGN4STYLE.COM

NOTICE TO CONTRACTORS & SUBTRADES:
ALTHOUGH CARE HAS BEEN MADE IN PREPARING THESE PLANS AND SPECIFICATIONS, IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR OR SUPPLIER TO CONFIRM AND VERIFY ALL DIMENSIONS AND CONDITIONS AND TO REPORT ANY ERRORS OR OMISSIONS OR DISCREPANCIES TO THE ARCHITECT BEFORE THE CONSTRUCTION OF THESE PLANS.

FINAL PLANS: 4.26.24
REV. FINAL PLANS: 5.13.24
REV. FINAL PLANS: 5.16.24
REV. FINAL PLANS: 7.28.25

FUTURE OUTBUILDING OF (BUILDER):
BOB OVERMIER-TRINITY FREISTADT HISTORICAL SOCIETY

ADDRESS:
10729 WEST FREISTADT ROAD
MEQUON, WI 53097

DOOR INSPIRATION PICTURE #1

DOOR INSPIRATION PICTURE #2

FRONT ELEVATION

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

EXTERIOR MATERIALS:

SIDING: ROUGH SAWN BOARD & BATTON

CORNER TRIM: 1x6 ROUGH SAWN

FASCIA/SOFFIT: 1x10 & 1x4 ROUGH SAWN FASCIA (SEE ELEVATIONS.)
1x6 T&G CEDAR W/ VENTING PER CODE

ROOFING: METAL ROOFING

OVERHANGS:
EAVE OVERHANGS ARE 2'-0" & 1'-4"
GABLE OVERHANGS ARE 12"
OVERHANGS MEASURE FROM OUTSIDE OF SHEATHING TO OUTSIDE OF FASCIA

5" PRE-FINISHED SEAMLESS ALUMINUM GUTTERS
3"x4" PRE-FINISHED RECTANGULAR DOWNSPOUTS
INCLUDE GUTTER GUARDS

FLASHING: PRE-FINISHED ALUMN. ABOVE ALL TOPS OF WINDOWS/DOOR TRIM, AND ANY MATERIAL THAT PROTRUDES FROM HOUSE AND AT MATERIAL JUNCTIONS.

LEFT ELEVATION

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

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FINAL PLANS: 4.26.24

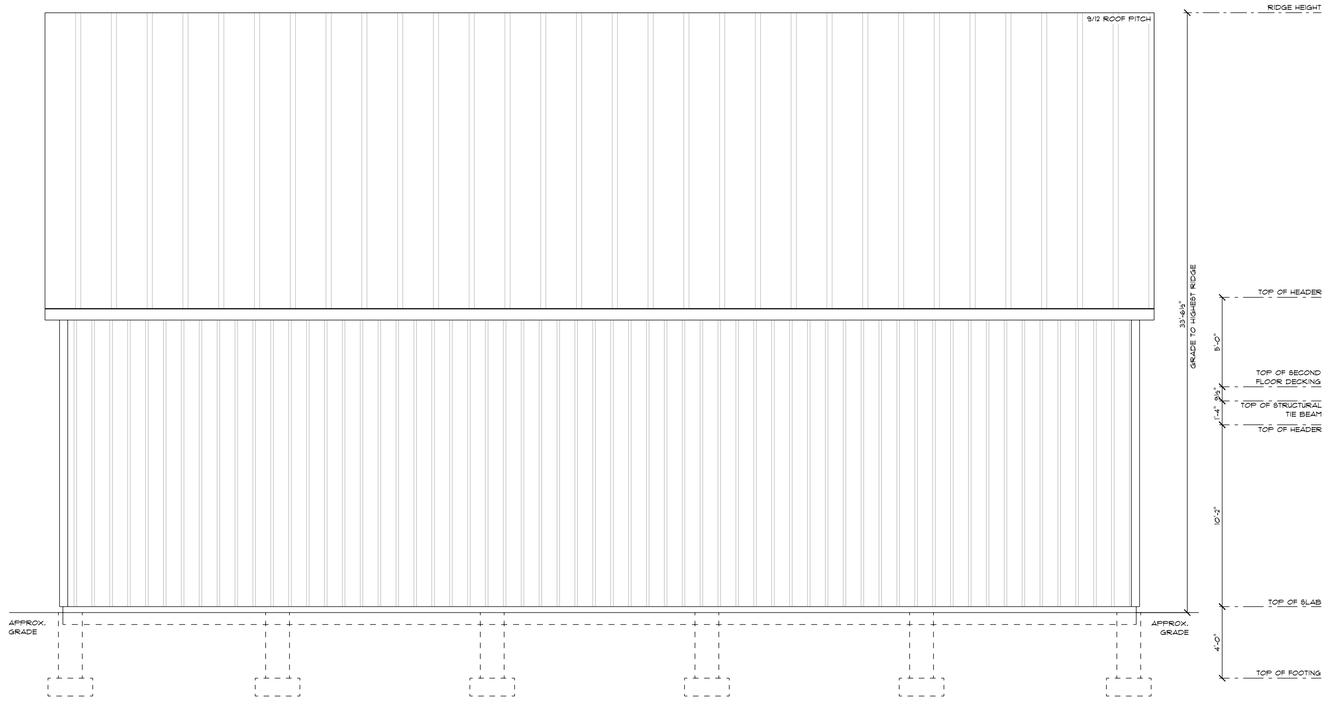
REV. FINAL PLANS: 5.13.24

REV. FINAL PLANS: 5.16.24

REV. FINAL PLANS: 7.28.25

FUTURE OWNER(S) OF PROPERTY:
BOB OVERMIER-TRINITY FREISTADT HISTORICAL SOCIETY

ADDRESS:
10729 WEST FREISTADT ROAD
MEQUON, WI 53097



REAR ELEVATION

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

RIGHT ELEVATION

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

EXTERIOR MATERIALS:

SIDING: ROUGH SAWN BOARD & BATTON

CORNER TRIM: 1x6 ROUGH SAWN

FASCIA/SOFFIT: 1x10 & 1x4 ROUGH SAWN FASCIA (SEE ELEVATIONS)
1x6 T&G CEDAR W/ VENTING PER CODE

ROOFING: METAL ROOFING

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INCLUDE GUTTER GUARDS

FLASHING: PRE-FINISHED ALUMN. ABOVE ALL TOPS OF WINDOWS/DOOR TRIM, AND ANY MATERIAL THAT PROTRUDES FROM HOUSE AND AT MATERIAL JUNCTIONS.

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ALTHOUGH CARE HAS BEEN MADE IN PREPARING THESE PLANS AND SPECIFICATIONS, IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR OR SUPPLIER TO CONFIRM AND VERIFY ALL DIMENSIONS OR CONDITIONS AT THE JOB SITE THAT MAY AFFECT THE CONSTRUCTION OF THESE PLANS.

FINAL PLANS: 4.26.24

REV. FINAL PLANS: 5.13.24

REV. FINAL PLANS: 5.16.24

REV. FINAL PLANS: 7.28.25

FUTURE OUTBUILDING OF (BUYER):
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FREISTADT HISTORICAL SOCIETY

ADDRESS:
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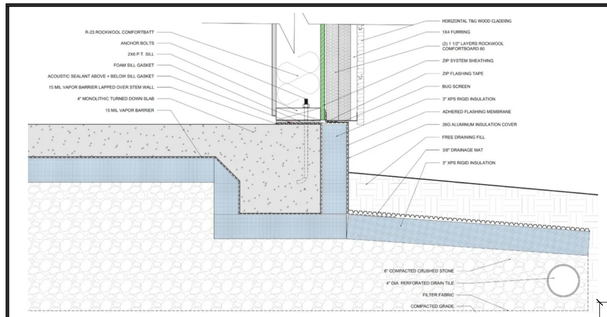
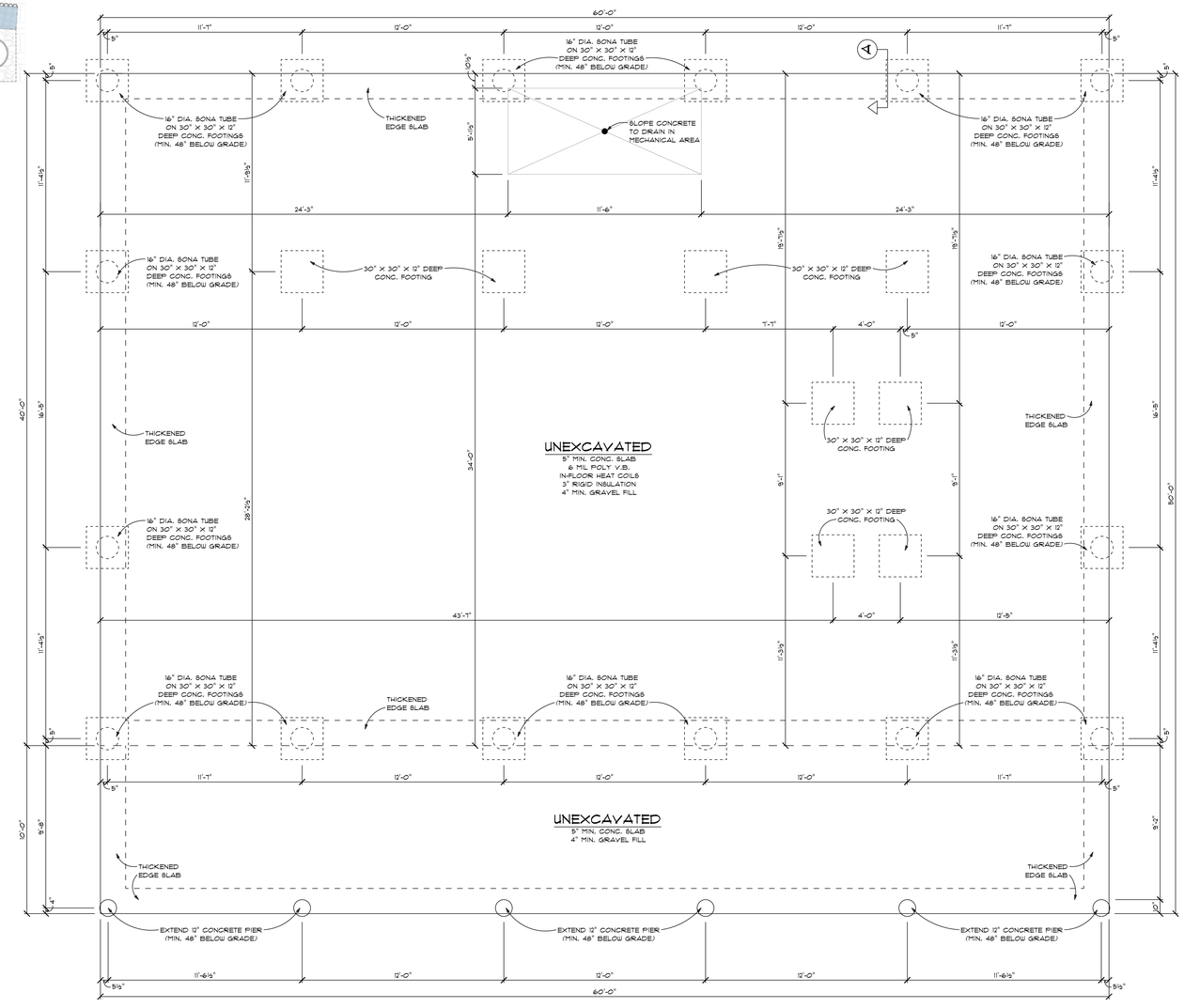


THICKENED EDGE DETAIL



FOUNDATION PLAN

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

NOTES:

2,000 PSF SOIL BEARING CAPACITY USING 90 PCF FOR THE EQUIVALENT FLUID DENSITY, REBAR STRENGTH 60,000 PSI AND CONCRETE STRENGTH 3,000 PSI. FOR HORIZONTAL BAR SPACING USING A UNIFORM DISTANCE THAT MATCHES VERTICAL SPACING IS BEST.

ALL CONCRETE SLABS ARE 3000 PSI

PADS TO INCLUDE (3) #5 (5/8" DIA. REBAR) BOTH DIRECTIONS

NO REBAR IN FOOTINGS UNLESS SOIL CONDITIONS REQUIRED REBAR FOR STRENGTH, VERIFIED BY BUILDER.

AREAS WHERE CONCRETE SLABS BEAR ON THE TOP OF THE WALL SHOULD HAVE A MINIMAL DEPTH OF 4" OF BEARING.

THE WALLS ARE TO BE CURED & BRACED PRIOR TO BACKFILLING FULL HEIGHT OF WALL. BRACING CAN BE ACCOMPLISHED WITH EITHER OF THE FOLLOWING:

1. POURED AND CURED BASEMENT SLAB SUPPORTING THE BASE OF THE WALL.
2. EITHER COMPLETED FLOOR SYSTEM FOR THE FIRST FLOOR (FLOOR JOISTS WITH DECKING OR PRECAST PLANK) OR TEMPORARY BRACING AT 10' INTERVALS SUPPORTING THE TOP OF THE WALL.

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TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

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NOTICE TO CONTRACTORS & SUBTRADES

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND SPECIFICATIONS TO BE ACCURATE, IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR OR SUPPLIER TO DETERMINE THE EXACT CONDITIONS OR DOUBT IF THERE ARE ANY CONCERNS OR QUESTIONS BEFORE PROCEEDING WITH CONSTRUCTION OF THESE PLANS.

FINAL PLANS: 4.26.24

REV. FINAL PLANS: 5.13.24

REV. FINAL PLANS: 5.16.24

REV. FINAL PLANS: 7.28.25

FUTURE OWNER/BUILDING OF: (BUYER)
BOB OVERMIER-TRINITY FREISTADT HISTORICAL SOCIETY

ADDRESS:
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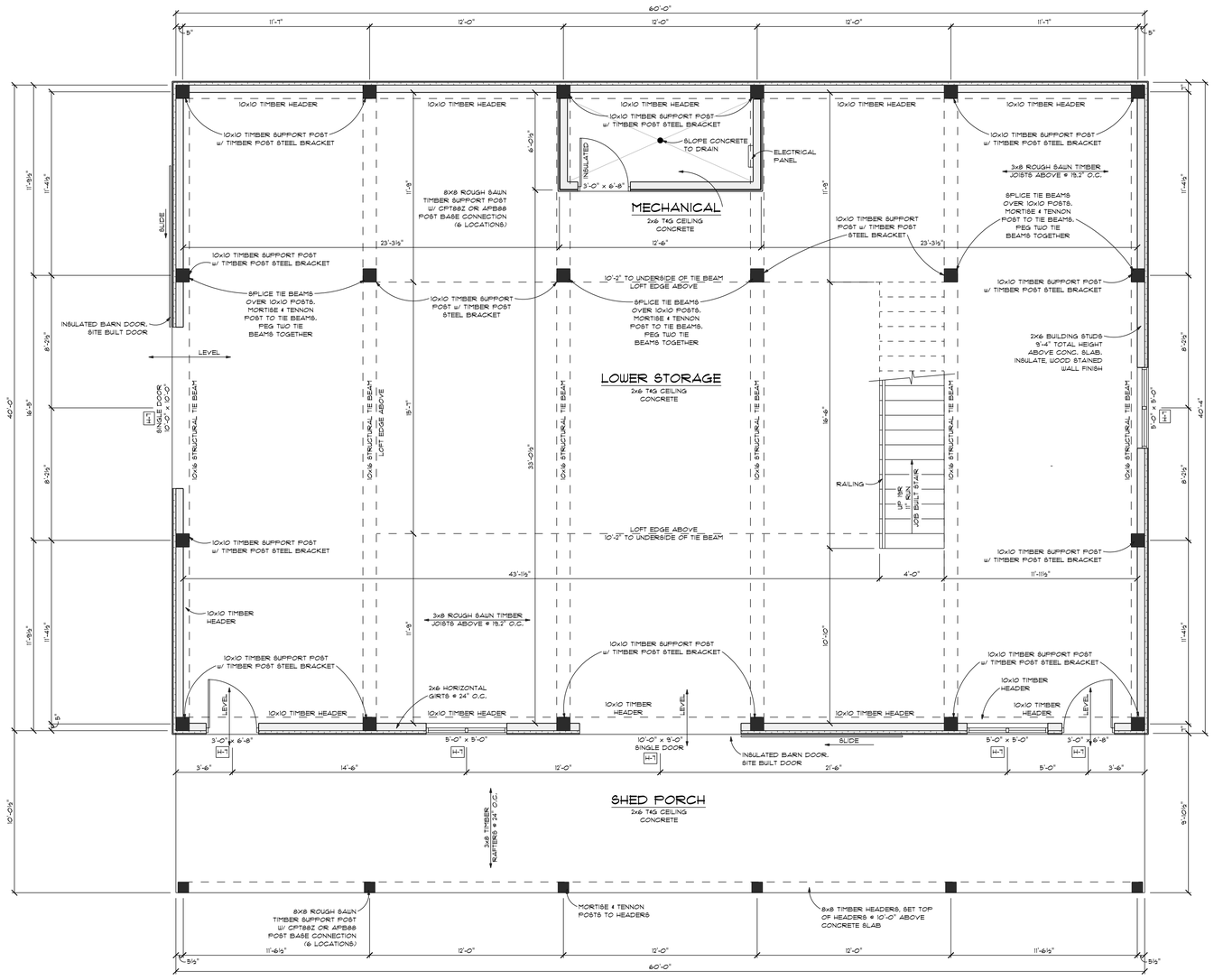
MEQUON, WI 53097



FIRST FLOOR PLAN

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

HEADER SCHEDULE	
H-1	(2) 2X10'S D.F. #2 or BTR
H-2	(2) 2X12'S D.F. #2 or BTR
H-3	(2) 1 3/4" X 9 1/2" LVL 2.0E
H-4	(2) 1 3/4" X 11 7/8" LVL 2.0E
H-5	(3) 1 3/4" X 14" LVL 2.0E
H-6	(3) 1 3/4" X 9 1/2" LVL 2.0E
H-7	10 x 10 TIMBER HEADER
H-8	ENG. BY TRUSS COMPANY

1ST FLOOR	2400 SQ. FT.
2ND FLOOR	1839 SQ. FT.
TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

FINAL CONSTRUCTION PLANS

DN² Design
N6748 South Lane
Johnson Creek, WI 53038
Phone: (507) 259-5045

April 22, 2024

Nate Hayon

Project: Overmier Timber Frame

Dear Mr. Hayon,

At your request I performed an analysis for the Overmier Project. The proposed timber frame is adequate with the following modification.

1. The frames as proposed are adequate for strength for standard loading conditions. The expected live and total load deflections for 10x16 tie beams 2 and 5 are 0.5 and 1.5 inches respectively. For beams 3 and 4 it is 0.25 and 1.1 inches respectively. Both are under the l/360 and L/240 maximums and would be acceptable as shown. This assumes that the beams and posts are made from oak, as you referenced in your original email. Any other wood species would require additional analysis.

Any alterations to the design or alternatives must be reviewed by DN Squared Design before construction. If you have any questions, please feel free to contact me at any time.

Respectfully Submitted,

Steven Doocy

Steven Doocy, P.E.
WI License # 44493

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NOTICE TO CONTRACTORS & SUBCONTRACTORS

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FINAL PLANS: 4.26.24

REV. FINAL PLANS: 5.13.24

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FUTURE OWNER/BUILDING OF: (BUYER)
BOB OVERMIER-TRINITY FREISTADT HISTORICAL SOCIETY

ADDRESS:
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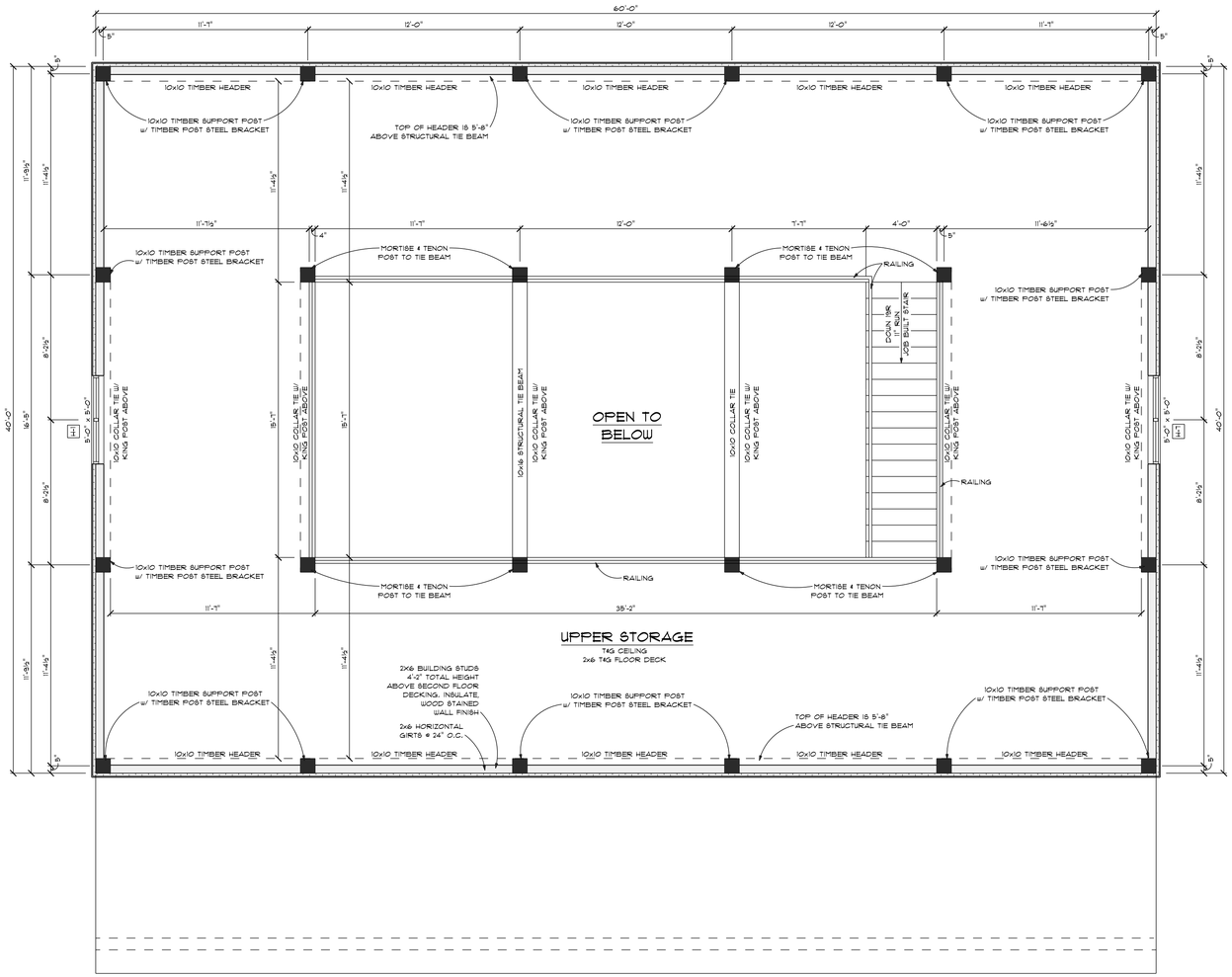
PAGE
5 OF 9



SECOND FLOOR PLAN

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

HEADER SCHEDULE	
H-1	(2) 2X10'S D.F. #2 or BTR
H-2	(2) 2X12'S D.F. #2 or BTR
H-3	(2) 1 3/4" X 9 1/2" LVL 2.0E
H-4	(2) 1 3/4" X 11 7/8" LVL 2.0E
H-5	(3) 1 3/4" X 14" LVL 2.0E
H-6	(3) 1 3/4" X 9 1/2" LVL 2.0E
H-7	10 x 10 TIMBER HEADER
H-8	ENG. BY TRUSS COMPANY

1ST FLOOR	2400 SQ. FT.
2ND FLOOR	1839 SQ. FT.
TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

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FINAL PLANS: 4.26.24

REV. FINAL PLANS: 5.13.24

REV. FINAL PLANS: 5.16.24

REV. FINAL PLANS: 7.28.25

FUTURE OUTBUILDING OF (BUYER):
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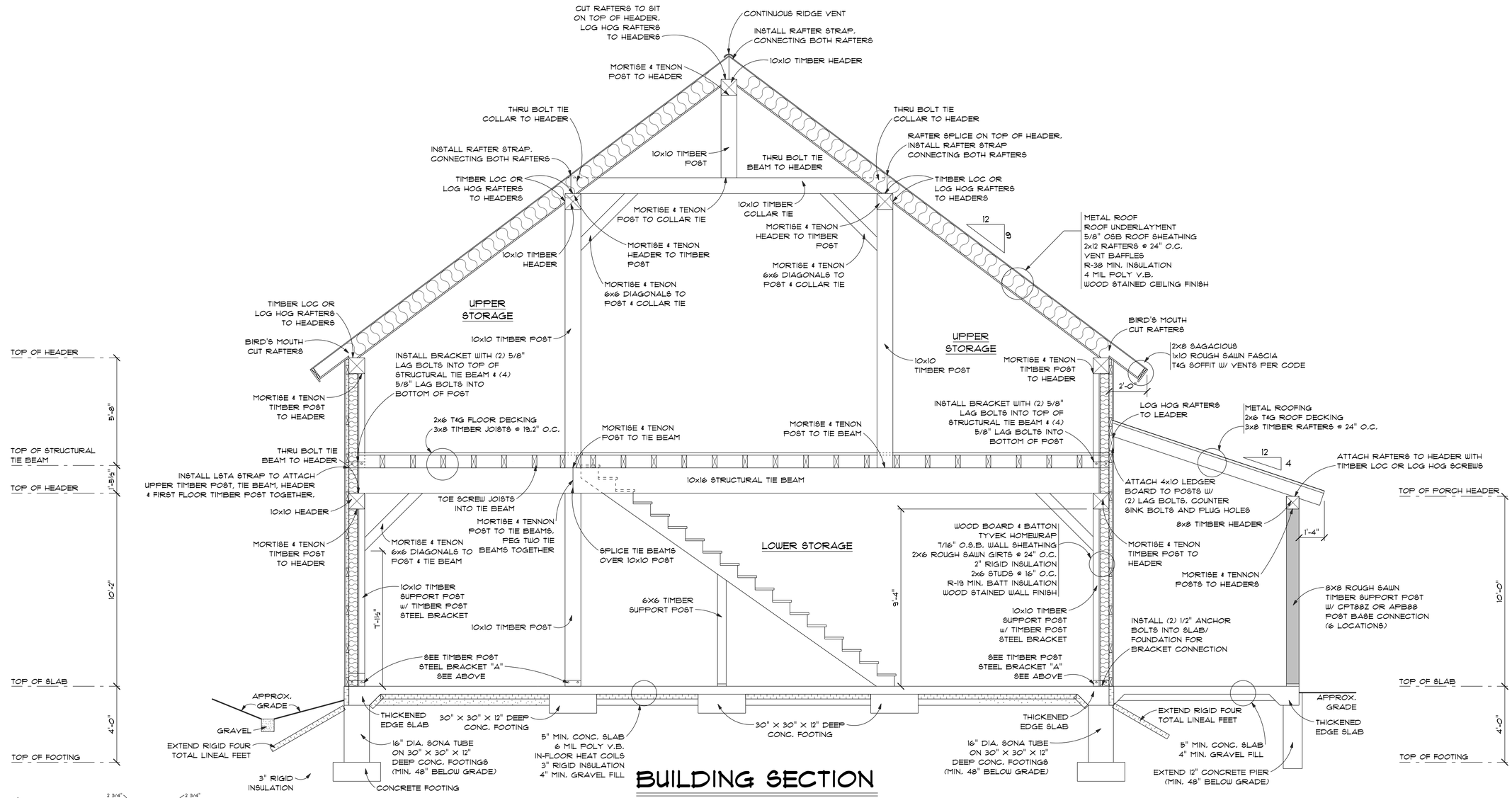
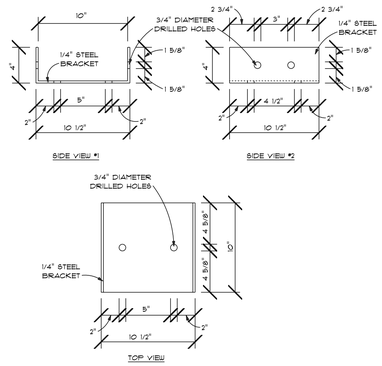


BUILDING SECTION

SCALE: 3/8" = 1'-0"



TIMBER POST STEEL BRACKET "A"

NOTES:

1. INSTALL 6' OF ICE & WATER SHIELD ABOVE ALL GUTTERS FOLDED ON THE FASCIA, AROUND ALL ROOF PENETRATION, IN SADDLE AREAS, WHERE ALL METAL IS TO BE INSTALLED, AROUND CHIMNEY AND IN THE VALLEYS. ADDITIONAL 6" STRIP OF ICE & WATER BARRIER TO TIE THE GUTTER APRON INTO THE LOWER APPLICATION OF THE ICE & WATER BARRIER.
2. INCLUDE METAL GUTTER APRON
3. INCLUDE 5" PRE-FINISHED SEAMLESS ALUMINUM GUTTER & 3"X4" PRE-FINISHED RECTANGULAR DOWNSPOUTS. INCLUDE BENDS FOR DOWNSPOUTS AROUND STONE BELTLINES. DOWNSPOUTS TO BE HIDDEN IN COLUMNS IF NOTED.
4. INCLUDE CAULK AT TOP PLATES AND EXTERIOR WALLS & AT HOLES AND VOIDS.
5. INCLUDE PRE-FINISHED METAL TIN FLASHING & WALL FLASHING AS REQUIRED.
6. INCLUDE BAFFLE VENTS
6. REFERENCE FOUNDATION PLAN FOR CONCRETE WALL DETAILS: HEIGHT, CURBS, FOOTINGS, REBAR & PSI.
7. INCLUDE FLASHING: PRE-FINISHED ALUMN. ABOVE ALL TOPS OF WINDOWS/DOOR TRIM, AND ANY MATERIAL THAT PROTRUDES FROM HOUSE AND AT MATERIAL JUNCTIONS.

1ST FLOOR	2400 SQ. FT.
2ND FLOOR	1839 SQ. FT.
TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

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FINAL PLANS: 4.26.24

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FUTURE OUTBUILDING OF (BOTH):
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ADDRESS:
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OVERHANGS:
OVERHANGS MEASURE FROM OUTSIDE OF SHEATHING TO OUTSIDE OF SUBFASCIA

EAVE OVERHANGS ARE 2'-0" & 1'-4"
GABLE OVERHANGS ARE 1'-0"

5" PRE-FINISHED SEAMLESS ALUMINUM GUTTER
3"X4" PRE-FINISHED RECTANGULAR DOWNSPOUTS
INCLUDE GUTTER GUARDS

ROOF CONCEPT

FOR REFERENCE ONLY

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FINAL PLANS: 4.26.24

REV. FINAL PLANS: 5.13.24

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REV. FINAL PLANS: 7.28.25

FUTURE OUTBUILDING OF (BUILDER):
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FREISTADT HISTORICAL SOCIETY

ADDRESS:
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GENERAL NOTES:

LOADS

ROOF DESIGN: LIVE LOAD = 30 PSF (SNOW LOAD)
DEAD LOAD = 20 PSF

REFERENCE UDC SPS 321.02 MAP
& REVISE IF NECESSARY

•L/240 LIVE LOAD DEFLECTION

ROOFS SHALL WITHSTAND A PRESSURE OF AT LEAST
20# SQ. FT. ACTING UPWARD NORMAL TO THE ROOF SURFACE.

FLOOR DESIGN: LIVE LOAD = 40 PSF
DEAD LOAD = 12 PSF
+ (6 1/2 PSF ON 1ST FLOOR IF GYPCRETE)
•L/480 LIVE LOAD DEFLECTION

• ANY TILE AREAS SHALL BE DESIGNED FOR AN ADDITIONAL 10 PSF DEAD LOAD
L/360 TOTAL LOAD & 7/600 LIVE LOAD

DESIGN FLOOR JOISTS TO CARRY WEIGHT OF
COUNTERTOPS, STONE WALLS, & OR TILE SHOWERS.

CONCRETE, SOIL & BACKFILL

SOIL TEST ARE RECOMMENDED BEFORE ANY CONSTRUCTION BEGINS.

2,000 PSF SOIL BEARING CAPACITY USING 90 PCF FOR
THE EQUIVALENT FLUID DENSITY, REBAR STRENGTH 60,000 PSI
AND CONCRETE STRENGTH 4,000 PSI. FOR HORIZONTAL
BAR SPACING USING A UNIFORM DISTANCE THAT MATCHES
VERTICAL SPACING IS BEST.

AREAS WHERE CONCRETE SLABS BEAR ON THE TOP OF THE WALL
SHOULD HAVE A MINIMAL DEPTH OF 4" OF BEARING.

THE WALLS ARE TO BE CURED & BRACED PRIOR TO BACKFILLING
FULL HEIGHT OF WALL. BRACING CAN BE ACCOMPLISHED WITH
EITHER OF THE FOLLOWING:

1. POURED AND CURED BASEMENT SLAB SUPPORTING THE BASE OF THE WALL.
2. EITHER COMPLETED FLOOR SYSTEM FOR THE FIRST FLOOR (FLOOR JOISTS WITH DECKING OR PRECAST PLANK) OR TEMPORARY BRACING AT 10' INTERVALS SUPPORTING THE TOP OF THE WALL.

REFERENCE FOUNDATION PLAN FOR CONCRETE & REBAR SPECIFICATIONS.

ADD FURRING STRIP IN CONCRETE IF MORE THAN 8" IS EXPOSED &
SIDING WILL BE APPLIED.

ADJUST ALL BRICKLEGES AND FOOTINGS WITH GRADE IF IT VARIES
FROM PLANS.

STEEL

STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING LATEST EDITION:

A. AISC: SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS.

B. AISC: CODE OF STANDARD PRACTICE FOR STEEL BUILDING AND BRIDGES.

C. AWS: D1.1 STRUCTURAL WELDING CODE - STEEL.

D. AISC: STRUCTURAL STEEL DETAILING MANUAL.

PROVIDE 2 MIL. THICKNESS RED OR GREY OXIDE PRIMER ON ALL STEEL SURFACES UNLESS NOTED.

ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED PER ASTM A123 AND FASTENERS HOT DIPPED GALVANIZED PER ASTM A153.

ANCHOR RODS SHALL BE PRESENT WITH TEMPLATES.

CONNECTIONS MAY BE BOLTED OR WIELDED AT THE FABRICATION OPTION: BOLTED CONNECTIONS SHALL BE AS FOLLOWS:

MINIMAL BOLT DIAMETER OF 3/4" UNLESS NOTED

HIGH STRENGTH BOLTS IN SINGLE OR DOUBLE SHEAR UNLESS NOTED.

SIMPLE SHEAR CONNECTIONS SHALL BE CAPABLE OF END ROTATION PER AISC REQUIREMENTS FOR UNRESTRAINED MEMBERS.

THE ERECTION OF ANY STRUCTURAL STEEL MEMBERS SHALL NOT COMMENCE UNTIL ALL THE SUPPORTING CONCRETE/MASONRY ELEMENTS HAVE ATTAINED AT LEAST 75% OF THEIR INTENDED MINIMAL COMPRESSIVE STRENGTH.

GRADE

EROSION CONTROL:
WHERE LAND DISTURBING CONSTRUCTION ACTIVITY IS TO OCCUR EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE EMPLOYED, AS NECESSARY, TO PREVENT OR REDUCE THE POTENTIAL DEPOSITION OF SOIL OR SEDIMENT TO WATERS OF THE STATE AND ADJACENT PROPERTIES.

GRADE:
SLOPE GRADE AWAY FROM DWELLING.

IF ACTUAL GRADE VARIES FROM ARCHITECTURAL PLANS,
THE BUYER IS RESPONSIBLE FOR ALL COST INCREASES FROM
ADDITIONAL HEIGHT OF FOUNDATION WALLS, FRAMED WALLS,
EXTERIOR FACADE MATERIAL, OR ANY ADDITIONAL BUILDING
MATERIALS & LABOR.

MISC.

RAILINGS:
INTERIOR AND EXTERIOR RAILINGS ARE FOR REFERENCE ONLY.
CONTACT BUILDER FOR RAILING SPECIFICATIONS AND RAIL/SPINDLE
DESIGN AND PLACEMENT.

HORIZONTAL RAILING TO BE LOCATED AT LEAST 36" ABOVE TOP
OF SURFACE (DECKING OR FINISHED FLOOR). RAILING MUST
WITHSTAND 200 LB LOAD IN ANY DIRECTION. RAILING TO BE
INSTALLED TO PREVENT PASSAGE OF OBJECTS OVER 4" DIA.

WALLS

SQUASH BLOCKING & STUD COLUMNS BELOW POINT LOADS
ARE TO CONTINUE AND TRANSFER LOADS DOWN TO FOUNDATION
AND FOOTINGS.

ENGINEERED GLU-LAM COLUMNS, LVL STUDS COLUMNS OR METAL SUPPORT
COLUMNS ARE TO BE INCLUDED UNDER ALL POINT LOADS AS REQUIRED BY
CALCULATED LOADS. SOME OF THESE LOADS WILL BE SUPPLIED BY TRUSS
SUPPLIER AND OR LUMBERYARD AFTER FINAL ENGINEERING IS COMPLETE
ON THEIR END. IT IS THE RESPONSIBILITY OF THE GENERAL TO ACQUIRE THESE
LOADS & UPDATE DESIGN 4 STYLE LLC SO FINALIZED COLUMN DESIGN CAN BE
INCLUDED ON PLANS.

ANY WALL OVER 10'-1 1/8" ARE TO BE L&L STUDS OR ENGINEERED TALL WALL.
EXCEPT GARAGE WALLS UP TO 12'-0" BUT VARIED WITH LOADING.

UNLESS OTHERWISE NOTED ALL MEMBERS BEARING
ON WOOD MUST BE 1 1/2" MIN.

UNLESS OTHERWISE NOTED ALL MEMBERS BEARING
ON CONC. OR MASONRY MUST BE 3" MIN.

ALL FRAMING FOR STUD WALLS AND PLATES IS SPF #2 UNLESS NOTED.
ALL SPACING ON EXTERIOR WALLS IS 16" O.C. UNLESS NOTED.
ALL SPACING ON INTERIOR WALLS IS 16" O.C. UNLESS NOTED.
STUDS SHOULD NOT BE NOTCHED MORE THAN 1/3 OF DEPTH.

WOOD FRAMED WALLS MUST COMPLY WITH WI DEPT OF COMMERCE,
CHAPTER 21 COMM TABLE 21.25-A

DIMENSIONS MEASURE TO EXTERIOR OF SHEATHING ON EXTERIOR
SIDE OF WALLS AND INTERIOR SIDE OF EXTERIOR STUD ON INTERIOR
SIDE. ALL INTERIOR STUDS MEASURE TO THE ROUGH STUD

FRAMER TO INCLUDE BACKERS FOR CROWN MOLDING, WALL
PANELING, DECORATIVE BEAMS/TRUSSES AND VERTICAL SIDING IF APPLICABLE.

FIRE BLOCKING:
INCLUDE FIRE BLOCKING @ FLOOR LEVELS,
CONNECTIONS BETWEEN CONCEALED VERTICAL & HORIZONTAL SPACES,
AT TOP & BOTTOM OF STAIRWAY STRINGERS

HEADERS

REFERENCE FLOOR PLANS FOR HEADER HEIGHTS

ALL HEADER ON EXTERIOR WALLS OR LOAD BEARING WALLS
ARE NOTED ON PLAN. ALL HEADERS ARE DROPPED UNLESS
NOTED OTHERWISE.

DOUBLE SHOULDER STUDS FOR HEADERS OVER 6' WIDE IN
BEARING WALLS.

DOUBLE SHOULDER STUD FOR HEADERS OVER 6' WIDE.

ALL INTERIOR OPENINGS THAT HAVE DROPPED HEADERS
ARE TO MATCH HEIGHT OF INTERIOR DOORS. ALL OPENINGS TO
HAVE DRYWALL FINISH UNLESS NOTED TO BE CASED.

BUILDER MUST FOLLOW ALL INSTALLATION INSTRUCTIONS PROVIDED BY I-JOIST,
LVL, FLOOR TRUSS, TALL WALL OR ROOF TRUSS MFG. REFER TO
PRODUCT INSTALLATION GUIDE FOR ALL CONNECTION DETAILS.

ALL HOLES IN HANGERS, ANGLES, BRACKETS, CLIPS, AND TIE DOWNS
MUST BE FILLED WITH THE APPROPRIATE FASTENERS PER THE
MANUFACTURERS SPECS.

DECAY-RESISTANT MATERIAL

IF THIS PROJECT IS BEING BUILT IN AN AREA WHERE INSECTS
SUCH AS TERMITES, BEETLES, OR CARPENTER ANTS ARE KNOWN
TO EXIST, BUYER IS RESPONSIBLE TO DETERMINE IF ANY PROTECTIVE
MEASURES ARE NEEDED AGAINST SUCH INSECTS.

NO RESPONSIBILITY WILL BE ASSUMED BY DESIGN 4 STYLE LLC FOR VARYING
OR UNUSUAL SOIL CONDITIONS AFFECTING FOUNDATION DESIGN. OWNER OR
BUILDER TO VERIFY SOIL BEARING CAPACITY AND GRADES AND SHALL INSTALL
FOUNDATION IN COMPLIANCE WITH ALL GOVERNING CODES AND ORDINANCES.

ALL UNTREATED WOOD PRODUCTS MUST MAINTAIN A 8" MINIMUM ABOVE GRADE.
EXCEPT SIDING MUST MAINTAIN A 6" MINIMUM ABOVE GRADE.

ALL P.T. MATERIAL SPECIFIED ON PLAN IS:
4X4 SYP #2 & BTR .4
6X6 SYP #2 & BTR .6

2X10 SYP #1 & BTR
2X12 SYP #1 & BTR

DECAY RESISTANT WOOD MUST BE USED ON ANY JOISTS LESS THAN 18" FROM EARTH.
GIRDERS LESS THAN 12" FROM EARTH.
SILL LESS THAN 8" FROM EARTH.

JOISTS SHALL NOT BE LESS THAN 18" FROM EARTH UNLESS PREVENTIVE
DECAY MEASURES ARE TAKEN.

GIRDERS SHALL NOT BE LESS THAN 12" FROM EARTH UNLESS PRESERVATIVE
DECAY MEASURES ARE TAKEN.

IF GRADE DROPS BELOW 8" OF THE TOP OF FOUNDATION, THE MASON IS TO PROVIDE
FURRING STRIPS IN THE EXTERIOR SIDE OF THE FOUNDATION
WALL FOR SIDING ATTACHMENT.

ROOF

ROOF FRAMING MEMBERS & TRUSS MATERIAL IS MADE FROM ENGINEERED
GRADED LUMBER.

ROOF FRAMING MEMBERS SPANNING MORE THAN 6' MEASURED
FROM THE OUTERMOST EDGE OF THE ROOF SHALL BE PERMANENTLY
FASTENED TO THE TOP PLATE OF LOAD BEARING WALLS USING
ENGENDERED CLIPS, STRAPS OR HANGERS.

ALL ROOF TRUSSES ARE TO BEAR ON EXTERIOR WALLS. (UNLESS NOTED)

TRUSS MEMBERS SHALL NOT BE CUT, BORED OR NOTCHED ONLY IF
NOTCHING OR BORING OF ENGENDERED WOOD PRODUCTS SHALL BE
DONE IN ACCORDANCE WITH THE MANUFACTURERs INSTRUCTIONS PROVIDED
THOSE INSTRUCTIONS WERE DEVELOPED THROUGH STRUCTURAL ANALYSIS OR
PRODUCT TESTING.

BUILDER TO FOLLOW TRUSS MANUFACTURERs TRUSS
LAYOUT AND SPECIFICATIONS.

IF HEEL HEIGHT VARIES FROM THE ARCHITECTURAL PLANS, IT IS
THE RESPONSIBILITY OF THE TRUSS MFG TO CONTACT DESIGN 4 STYLE LLC
SO ANY ACCOMMODATIONS CAN BE MADE IN WINDOW SIZES OR ANY
OTHER BUILDING MATERIALS & LABOR AFFECTED BY THIS CHANGE.

COVER ALL ROOF SHEATHING AS SOON AS POSSIBLE WITH
ROOFING FELT OR SINGLE UNDERLAYMENT FOR PROTECTION
AGAINST EXCESSIVE MOISTURE PRIOR TO ROOFING APPLICATION.

ANY GABLE ROOF OVERHANG OF MORE THAN 12" SHALL BE
PROVIDED WITH LADDERS WHICH EXTEND INTO THE STRUCTURE
MINIMAL DOUBLE THE DISTANCE OF THE OVERHANG.
THE LADDERS SHALL BE FASTENED AT THE WALL.
THE INTERIOR END OF EACH LADDER SHALL BE ATTACHED TO
A RAFTER OR TRUSS WITH A HANGER. THE TOP CHORD OF
THE TRUSS IS DROPPED FOR THIS EXTENSION BACK INTO ROOF.

MASONRY

COLD WEATHER WORK: WHEN AMBIENT AIR TEMPERATURE IS
BELOW 40 DEG., F. THE COLD WEATHER CONSTRUCTION
PROCEDURES UNDER ACI 530.1 SHALL BE FOLLOWED.

CORBELS ARE NOT TO EXCEED 1" AND SHALL BE CONSTRUCTED IN
ACCORDANCE WITH ACI .30

TYPES OF MORTAR FOR VARIOUS KINDS OF MASONRY MUST FOLLOW
WI DEPT OF COMMERCE, CHAPTER 21 COMM, TABLE 21.26-A

MASONRY OR BRICK VENEER SHALL BE ABOVE ABOVE FINAL EXTERIOR GRADE
UNLESS THERE IS THROUGH-WALL FLASHING AT GRADE OR WITHIN
2 COURSES ABOVE GRADE.

VENEERS SHALL BE ANCHORED OR ADHERED IN ACCORDANCE
WITH ACI 530 & ACI530.1

ANY WOOD FRAMED WALL WHERE
BRICK IS LOCATED, A MIN. 1" AIRSPACE SHALL BE
PROVIDED BETWEEN BRICK AND THE WALL SHEATHING UNLESS A MANUFACTURER
OFFSET MATERIAL IS USED. ALSO, INSTALL 1 LAYER TAR PAPER AND
1 LAYER TYVEK OVER THE SHEATHING. (TYP.)

VENEER FLASHING SHALL CONSIST OF MATERIALS THAT ARE DURABLE AND
PERMANENTLY UV-RESISTANT. FLASHING SHALL BE INSTALLED AT THE BOTTOM
OF VENEER AND SHALL EXTEND OVER THE TOP OF THE FOUNDATION AND UP
AT LEAST 8" AND BE EMBEDDED IN THE BACKING COURSE.

WEEPHOLES SHALL BE 3/8" MIN. DIA., LOCATED EVERY 2' AND NOT
BE PLACED BELOW FINAL GRADE.

1 CORRUGATED TIE EMBEDDED 2" IN JOINT
REQUIRED ON EVERY 2 SQ. FT. OF VENEER

REPRESENTS MASONRY VENEER PRODUCT
(UNLESS OTHERWISE SPECIFIED)

FIREPLACE, WOOD STOVE & GENERAL CHASE

ALL REFERENCE TO WOOD STOVE, FIREPLACE FLUE, HEARTH, CHIMNEY
AND FOOTINGS FOR FIREPLACE ARE FOR SUGGESTED LOCATIONS ONLY,
THE CONTRACTOR MUST MAKE SURE THAT WOOD STOVE, FIREPLACE STRUCTURE
MEET OR EXCEEDS ALL APPLICABLE BUILDING CODES, NO
BUILDING STRUCTURE SHALL REST ON OR BE WITHIN 2" OF WOOD STOVE, FIREPLACE
STRUCTURES AND SUCH SPACE MUST BE FIRE STRIPPED WITH NON-COMBUSTIBLE
MATERIALS. ALL STOVES AND PIPES MUST BE INSTALLED IN COMPLIANCE WITH
MANUFACTURES SPECIFICATIONS.

DUE TO ANY DEVIATION OF THE PLANS, ALL CHIMNEY CHASES SHALL
BE FRAMED 2' ABOVE ANY ROOF OR WALL WITHIN 10' OF THE
TOP OF THE CHASE OR 3' ABOVE ADJACENT RIDGE LINE.

ANYTIME FIREPLACE IS WOOD BURNING, THE ENTIRE CHIMNEY CHASE
MUST BE INSULATED TO PEAK TO PREVENT CONDENSATION
AND BACKDRAFTS.

BUILDER SHALL BE RESPONSIBLE FOR PROPER INSTALLATION OF
PROPER METAL FLASHING MATERIALS IN ALL LOCATIONS
THAT REQUIRE THIS MATERIAL.

BUILDER TO VENT DRYER AND RANGE EXHAUST TO EXTERIOR.

ABBREVIATIONS

A.B.	ANCHOR BOLT	H.D.	HIGH DENSITY
AFF	ABOVE FINISH FLOOR	INSUL.	INSULATION
APPROX.	APPROXIMATELY	L.B.W.	LOAD BEARING WALL
BTR	BETTER	MFG	MANUFACTURER
CAB	CABINET	MIN.	MINIMAL
CANT'ED	CANTILEVER	O.C.	ON CENTER
CATH	CATHEDRAL	O.H.	OVERHEAD
CM	CEILING MOUNT	P.T.	PRESSURE TREATED
CV	CENTRAL VAC OUTLET	REQ'D	REQUIRED
CONC.	CONCRETE	R.O.	ROUGH OPENING
CONV.	CONVENTIONAL	R.S.	ROUGH SAWN
DB	DOORBELL	SH & PL	SHELF AND POLE
DIA.	DIAMETER	SQ	SQUARE
DIM	DIMMER	T.B.	TOWEL BAR
DF	DOUGLAS FIR	TEMP	TEMPERED GLASS
DRWRS	DRAWERS	T.P.	TOILET PAPER HOLDER
DW	DISHWASHER	T.R.	TOWEL RING
EXT.	EXTERIOR	TYP.	TYPICAL
F.G.	FIBERGLASS	V	VOLT
FND	FOUNDATION	VAN.	VANITY
FTG	FOOTING	V.B.	VAPOR BARRIER
G.B.	GRAB BAR	WD	WOOD
G.D.	GARBAGE DISPOSAL	WM	WALL MOUNT

BRACED WALL ENGINEERING

IF A TALL WALL IS CALLED OUT ON THE PLANS, IT IS THE RESPONSIBILITY OF
THE TALL WALL SUPPLIER TO DESIGN THAT SECTION OF TALL WALL SECTION
FOR BRACED WALL ENGINEERING.

24 CS WSP — NUMBER REPRESENTS: BRACING LENGTH

CS WSP REPRESENTS:
CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL

MIN. BRACED MATERIAL THICKNESS OR SIZE:
3/8" FOR MAX. 16" O.C. STUD SPACING
7/16" FOR MAX. 24" O.C. STUD SPACING.

MIN. FASTENERS:
6d COMMON NAIL OR 8d BOX NAIL (2 1/2" LONG X 0.113" DIA.)
OR 7/16" CROWN 16 GAGE STAPLES, 1 1/4" LONG

MAX. SPACING: 6" EDGES, 12" FIELD (NAILS) 3" EDGES, 6" FIELD (STAPLES)

24 PF — NUMBER REPRESENTS: BRACING LENGTH

PF REPRESENTS:
FIELD PORTAL

MIN. BRACED MATERIAL THICKNESS OR SIZE:
7/16"

MIN. FASTENERS:
FASTEN SHEATHING TO HEADER WITH 8d COMMON OR GALVANIZED
BOX NAILS IN 3" GRID PATTERN

HEADER TO JACK-STUD STRAP ON BOTH SIDES OF OPENING OPPOSITE SIDE OF SHEATHING: STRAP CAPACITY SHALL EQUAL 1,000 LBS OR 4,000 LBS. WHEN ONLY WALL IS PRESENT.

MIN. DBL STUD FRAMING COVERED WITH MIN. 7/16" WOOD STRUCTURAL PANEL SHEATHING WITH 8d COMMON OR GALVANIZED BOX NAILS AT 3" O.C. IN ALL FRAMING (STUDS, BLOCKING AND SILLS) TYP.

MAX. SPACING: 6" EDGES, 12" FIELD (NAILS) 3" EDGES, 6" FIELD (STAPLES)

9G GB — NUMBER REPRESENTS: BRACING LENGTH

GB REPRESENTS:
GYPSUM BOARD (INSTALLED BOTH SIDES OF WALL)

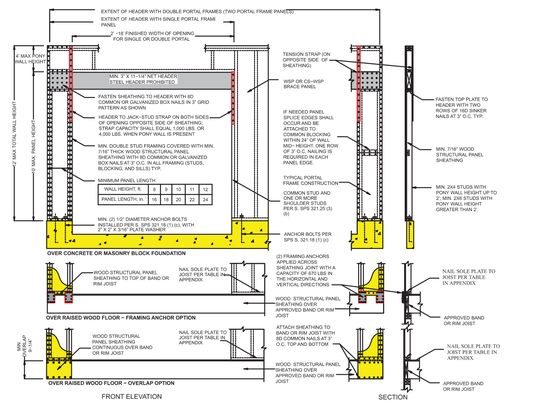
MIN. BRACED MATERIAL THICKNESS OR SIZE:
1/2" FOR MAXIMUM 24" O.C. STUD SPACING

MIN. FASTENERS:
8d COOLER NAILS, OR #6 SCREWS

Published under s. 35.93, Wis. Stats., by the Legislative Reference Bureau.

Figure 321.25–A

METHOD PF – PORTAL FRAME BRACE CONSTRUCTION



Note: Steel headers are permitted if designed by structural analysis.

Note: As shown in the above cross–section, 1/2–inch gypsum wallboard is not required on the interior side of the wall.

(c) *Bracing amount.* Bracing methods and materials complying with Table 321.25–G shall be applied to walls in accordance with all of the following requirements:

1. For the purpose of determining bracing amounts, the outermost extents of the building plan at each floor level shall be circumscribed with a rectangle to define the overall length of each building side as shown in Figure 321.25–B.
2. In no case may the amount of bracing be less than two braced wall panels on walls parallel to each rectangle side for each floor level of the building.
3. Where used, the number of intermittent brace panels applied to walls parallel to each rectangle side shall comply with Table 321.25–I.
4. Where used, the total length of continuous sheathed brace panels applied to walls parallel to each building side shall comply with Table 321.25–J.
5. The location of brace panels applied to walls parallel to each building side shall comply with Figure 321.25–C.
6. Balloon–frame walls may be no longer than 21 feet and shall have a maximum height of two floors unless constructed in accordance with an approved design. Wall framing shall be continuous from the lowest floor to the wall top plate at the roof. All edges of sheathing shall be supported on and fastened to blocking or framing. Braced wall panels may not be required on the balloon–frame wall portion provided the bracing amount and brace spacing requirement are satisfied for the building side. Where brace panels are located on the balloon–frame wall portion, they shall have a height–to–width ratio of not more than 2.5:1.
7. For a gable end wall, if the brace–panel height does not exceed 12 feet at the highest portion and if the 12½–foot and 21–foot spacing requirements in Figure 321.25–C are met, the wall is adequately braced. Where a brace panel exceeds 12 feet in height, it shall have a height–to–width ratio of not more than 2.5:1, and comply with Figure 21.25–C.

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1ST FLOOR	2400 SQ. FT.
2ND FLOOR	1839 SQ. FT.
TOTAL	4239 SQ. FT.
COVERED PORCH:	600 SQ. FT.

FINAL CONSTRUCTION PLANS

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NOTICE TO CONTRACTORS & SUPPLIERS
ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, SUBCONTRACTOR OR SUPPLIER TO CONTACT GENERAL CONTRACTOR OR OWNER IF THERE ARE ANY CONCERNS OR DISCREPANCIES DURING THE CONSTRUCTION OF THESE PLANS.

FINAL PLANS: 4.26.24
REV. FINAL PLANS: 5.13.24
REV. FINAL PLANS: 5.16.24
REV. FINAL PLANS: 7.28.25

FUTURE OUTBUILDING OF: (BUYER)
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