FINAL: (1) 3-4-24

NEW CONSTRUCTION

GRILL RESIDENCE

FISH LAKE LANE ■ WISCONSIN

CONTACT INFORMATION:

OWNERS NAME:	JESS GRILL
PROJECT ADDRESS:	3220 FISH LAKE LANE RHINELANDER, WI. 54501
PH: 715-499-1553	jessegrill88@gmail.com
BUILDING CONTRACTOR:	_____
ADDRESS:	_____ _____
PH:	EMAIL:
DESIGN CONTACT:	PRECISION DESIGN -JUSTIN
ADDRESS:	1411 N. 4TH STREET, STE. 112 TOMAHAWK, WI. 54487
PH: 715-966-1704	justin@precisiondesignhomes.com

ARCHITECTURAL DRAWING LEGEND

A-1.0 MAIN FLOOR PLAN/ BRACED WALL NOTES
A-2.0 SECOND FLOOR PLAN
A-3.0 FOUNDATION PLAN/ NOTES
A-4.0 FULL BUILDING SECTION "A"
A-5.0 SECOND FLR. & ROOF FRAMING PLANS
A-6.0 FRONT & RIGHT ELEVATIONS
A-7.0 REAR & LEFT ELEVATIONS

GENERAL NOTES:

-THE OWNER/ CONTRACTOR SHALL VERIFY ALL SETBACKS W/ LOCAL BUILDING OFFICIAL AT TIME OF CONSTRUCTION
-ALL GRADES SLOPE AWAY FROM THE BUILDING @ A MIN. OF 2% SLOPE
-ZONING DISTRICT: ONEIDA COUNTY
-TOWNSHIP: PELICAN
-BUILDING USE: SINGLE FAMILY RESID.
-CONSTRUCTION TYPE: WOOD FRAMED (SITE CONSTRUCTED)
-BUILDING CODE: WISCONSIN UNIFORM DWELLING CODE

DESIGN LOADS:

-GROUND SNOW LOAD: 60 PSF
-FLOOR LIVE LOAD: 40 PSF
-FLOOR DEAD LOAD: 20 PSF
-WIND LOAD: 90 MPH
-SEISMIC DESIGN CATEGORY: A
-DEFLECTION LIMITS: ROOF= L/360
FLOOR= L/480
WALLS= L/240

APPROX. BUILDING SIZE:

32'-3 1/2"x24'-3 1/2" STRUCTURE

MAIN FLOOR: 686 SQ. FT.
*INCLUDES MECH. AREA
SECOND FLOOR: 581 SQ. FT.

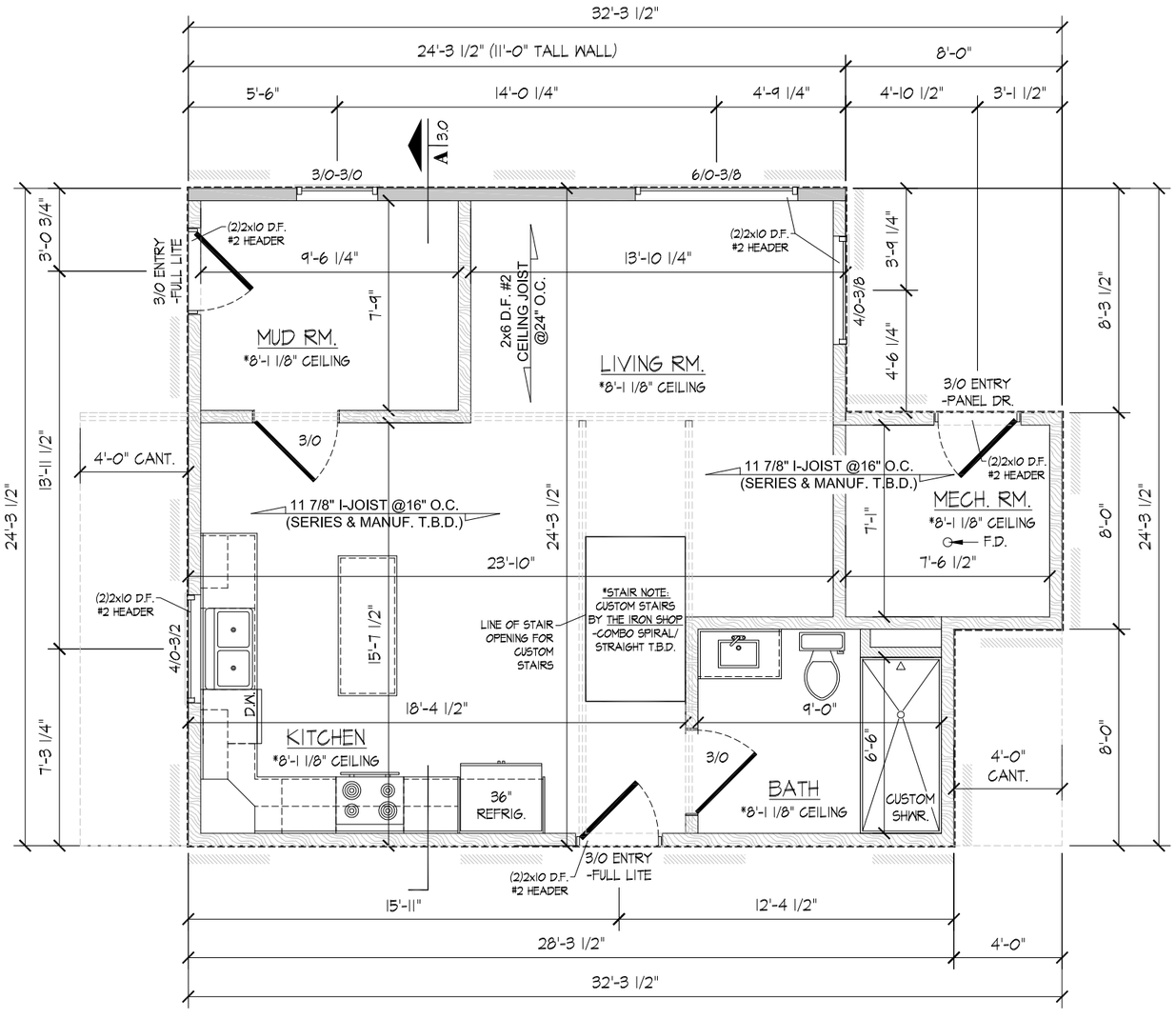
MISC. NOTES:

*TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE DRAWN WITH THE OWNER'S AND OR BUILDER'S SPECIFICATIONS AND ANY CHANGES MADE TO THEM AFTER THE PRINTS ARE MADE WILL BE DONE AT THE OWNERS AND/ OR BUILDER'S EXPENSE AND RESPONSIBILITY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, STRUCTURAL DESIGN AND CODE COMPLIANCE OF THE INCLUDED PAGES OF THIS PLAN SET. PRECISION DESIGN LLC, JUSTIN RIGNEY, ARE NOT LIABLE FOR ERRORS AND/ OR OMISSIONS ONCE CONSTRUCTION HAS BEGUN. WHILE EVERY EFFORT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS TO AVOID MISTAKES, THE MAKER CAN NOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR OF THE JOB MUST CHECK ALL DIMENSIONS AND OTHER DETAILS PRIOR TO THE BEGINNING OF THE CONSTRUCTION AND BE SOLELY RESPONSIBLE THEREAFTER.

PDF SHEET SIZE 11"x17"

WALL TYPE LEGEND

ITEM		DESCRIPTION
1		2x6 STUD WALL @ 16" O.C.
2		2x4 STUD WALL @ 16" O.C.
3		CONCRETE MASONRY UNIT
4		POURED CONCRETE
5		STONE VENEER
6	⊠	SUPPORT POST



MAIN FLOOR PLAN

GENERAL EXTERIOR BRACED WALL NOTE:

-CODE = SPS 321.25 2012 IRC SIMPLIFIED WALL BRACING PROVISIONS (R602.10)
-WIND SPEED = 90 MPH
-BRACING METHOD = CS-WSP (CONTINUOUS SHEATHED)
-MATERIAL = 7/16" OSB (WOOD STRUCTURAL PANEL)
-DESIGN = BRACED WALL LINES = STRUCTURAL INSULATED PANELS
PERPENDICULAR SUPPORT = PRE.-ENG. ROOF TRUSSES
MAXIMUM LENGTH OF RECTANGLE 80'-0"
-WALL SUPPORTING = SEE "WALL BRACING CALCULATIONS" TABLE
-EAVE TO RIDGE HEIGHT = SEE "WALL BRACING CALCULATIONS" TABLE
-REQUIRED BRACING = PER TABLE 321.25-J (MIN. 36" PANELS)
-FASTENERS = EDGES - 3" O.C., INTERMEDIATE - 6" O.C. - ALL JOINTS
-TO BE BLOCKED (PER MANUFACTURER SPECIFICATIONS)

WOOD STRUCTURAL PANEL, 7/16" SHEATHING ON ONE SIDE, BLOCK ALL SEAMS AND NAIL WITH 8d NAILS @ 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS OR 1 1/2" 16GA. STAPLES 3" O.C. AT ALL EDGES AND 6" O.C. @ INTERMEDIATE SUPPORTS.

APA NARROW WALL CONTINUOUSLY SHEATHED PER S. COMM. 21.25 (9)5., FIGURE 21.5-k WITH 2' RETURNS. CONTINUOUS STRUCTURE PANEL,7/16" SHEATHING ON ONE SIDE, BLOCK ALL SEAMS AND NAIL WITH 8d NAILS AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS FOR 1 1/2" 16 GA. STAPLES 3" O.C. AT ALL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS.

1/2" GYPSUM WALL BOARD APPLIED TO BOTH SIDES OR 8' TO ONE SIDE OF WALL STUDS PLACES A MAX. OF 24" P/C/ AMD FASTENED AT PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AT 7" O.C. USING 1 1/4" SCREWS TYPE W OR S (4x8 OR 4x9 APPLIED VERTICALLY).

WALL BRACING CALCULATIONS

RECTANGLE IDENTIFICATION	LONG SIDE LENGTH	SHORT SIDE LENGTH	WALL HEIGHT	WALL TO RIDGE HGT.	WALL SUPPORTING	BRACING METHOD
MAIN FLR. HOUSE	32'-4"	24'-4"	8'-1"	6'-0"	ONE FLR. RF & CEILING	CS-WSP -CONT. SHEATHING
SECOND FLR. HOUSE	36'-4"	16'-0"	11'-4"	15'-0"	RF & CEILING	CS-WSP -CONT. SHEATHING

WALL BRACING REQUIREMENTS

RECTANGLE IDENTIFICATION	MAIN FLR. HOUSE	SECOND FLR. HOUSE
LONG SIDE	5.0 FT.	3.5 FT.
SHORT SIDE	6.0 FT.	6.0 FT.

GENERAL FRAMING NOTES:

-CONSTRUCTION PLANS ARE FOR REFERENCE ONLY

-CONTRACTOR TO FOLLOW TRUSS MANUFACTURERS SPECS & LAYOUTS

-INSTALLER/SUB CONTRACTOR TO FOLLOW MANUFACTURERS AND BUILDING CODES ALLOWABLE STRUCTURAL HOLES AND MODIFICATIONS. ANY PARTY RESPONSIBLE FOR NON APPROVED STRUCTURAL MODIFICATIONS WILL BE HELD RESPONSIBLE

-CONTRACTOR TO VERIFY ALL DIMENSIONS AND STRUCTURAL DESIGN

-CONTRACTOR TO ADJUST PER STATE/LOCAL CODES AND ORDINANCES

-CONTRACTOR TO FIELD ADJUST AND VERIFY REINFORCEMENT AND BLOCKING

-ALL BEARING WALL HEADERS TO BE 2x12 D.F. #2 (PLY'S TO BE DETERMINED BY WALL THICKNESS) UNLESS OTHERWISE NOTED ON PLAN

-ALL SHOULDER/BEARING STUDS TO BE (2)PLY UNLESS OTHERWISE NOTED ON PLAN

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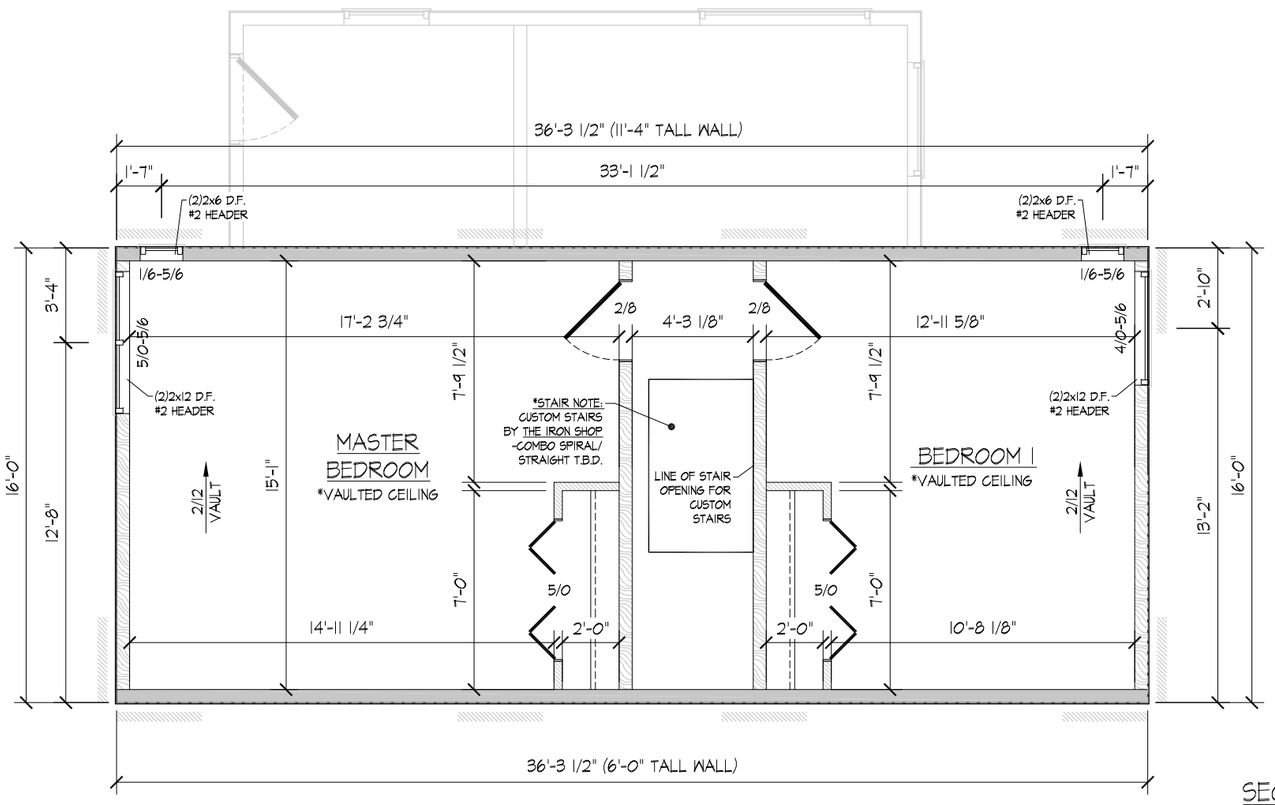
REVISIONS | DATE

NEW CONSTRUCTION
GRILL RESIDENCE
3230 FISH LAKE LANE
RHINELANDER WI. 54501

DATE: 3-4-24
SCALE: 3/16"=1'-0"
DRAWN BY: JR
JOB NO. 2418
SHEET: A-1.0

WALL TYPE LEGEND

ITEM		DESCRIPTION
1		2x6 STUD WALL @ 16" O.C.
2		2x4 STUD WALL @ 16" O.C.
3		CONCRETE MASONRY UNIT
4		POURED CONCRETE
5		STONE VENEER
6	⊠	SUPPORT POST



SECOND FLOOR PLAN

GENERAL FRAMING NOTES:

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9230 FISH LAKE LANE
RHINELANDER WI. 54501

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JOB NO. 2418
SHEET: A-2.0

WALL TYPE LEGEND

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2		2x4 STUD WALL @ 16" O.C.
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4		POURED CONCRETE
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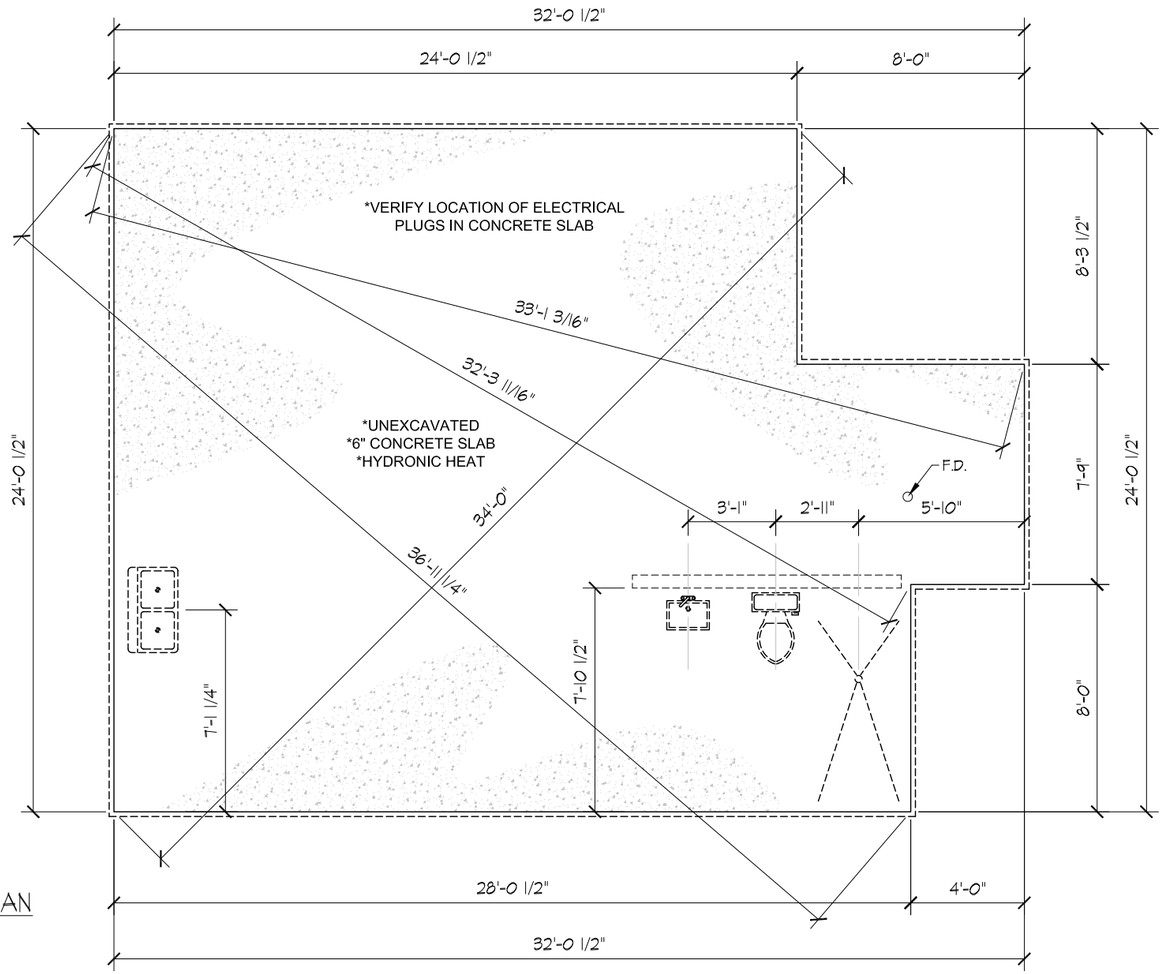

FOUNDATION PLAN

GENERAL FOUNDATION NOTES:

-CONSTRUCTION PLANS ARE FOR REFERENCE ONLY

-ALL EXTERIOR DIMENSIONS ON FOUNDATION PLAN ARE TO FACE OF MASONRY/STUD WALL. NOT FOAM (IF APPLICABLE)

-PROVIDE TEMPORARY BRACING FOR ALL CONCRETE WALLS AND PIERS UNTIL THEY ARE OF ADEQUATE STRENGTH AND ARE PROPERLY ANCHORED AND SUPPORTED IN FINAL FORM

-CONCRETE DESIGN CRITERIA: (AT 28 DAYS) 3000 PSI ALL CONCRETE

-ALL EXTERIOR CONCRETE WORK SHALL HAVE 5% TO 7% AIR ENTRAINMENT

-ALLOWABLE SOIL BEARING PRESSURE USED ON THIS PROJECT IS 2000 PSF -UNLESS OTHERWISE NOTED

-CONCRETE CONSTRUCTION SHALL COMPLY WITH ALL THE REQUIREMENTS OF THE "ACI MANUAL OF CONCRETE PRACTICES BY THE ACI

-THE "ACI DETAILING MANUAL" BY THE ACI SHALL GOVERN DETAILING AND FABRICATION OF ALL REINFORCING STEEL

-THE CONCRETE CONTRACTOR SHALL PROVIDE CHAIRS AND BAR SUPPORTS FOR THE STEEL REINFORCING BARS

-PROVIDE MIN. CONCRETE PROTECTION FOR ALL REINFORCEMENT AS FOLLOWS
FOOTINGS AND PIERS = 3"
FOUNDATION WALLS = 1 1/2"

-ALL CONCRETE SHALL BE PLACED ON FIRM UNDISTURBED EARTH. EXCAVATION BOTTOMS THAT HAVE BEEN DISTURBED NEED TO BE COMPACTED TO WITHIN 95% OF THE MATERIALS STANDARD PROCTOR DENSITY

-ALL REINFORCING SHALL MEET OR EXCEED ASTM A-615, GRADE 60.

-PROVIDE CONTROL JOINTS IN ALL FLOOR SLABS NOT TO EXCEED 12' O.C. IN EITHER DIRECTION

-PROVIDE ALL ACCESSORIES, CHAIRS, SPACING BARS AND SUPPORTS NECESSARY TO SECURE REINFORCING IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICE BY THE CRSI

-PROVIDE BENT CORNER BARS AT ALL INTERSECTIONS CORNER BARS SHALL BE OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BAR SPACING

-PROVIDE BROOM FINISH OR OTHER NON-SLIP FINISH ON ALL EXTERIOR CONCRETE SLABS OR APRONS

-PROVIDE 1/2" O EXPANSION ANCHORS ON ALL EXTERIOR WALLS AT 72" O.C. SPACING, 5" MINIMUM EMBEDMENT

-VERIFY WITH PLUMBER FOR SEPTIC SLEEVE ELEVATION-LOCATION

-1/2" X 8" ANCHOR BOLTS STAGGERED IN WALL MAX 32" O.C. & 12" FROM CORNER

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3230 FISH LAKE LANE ■ RHINELANDER WI. 54501

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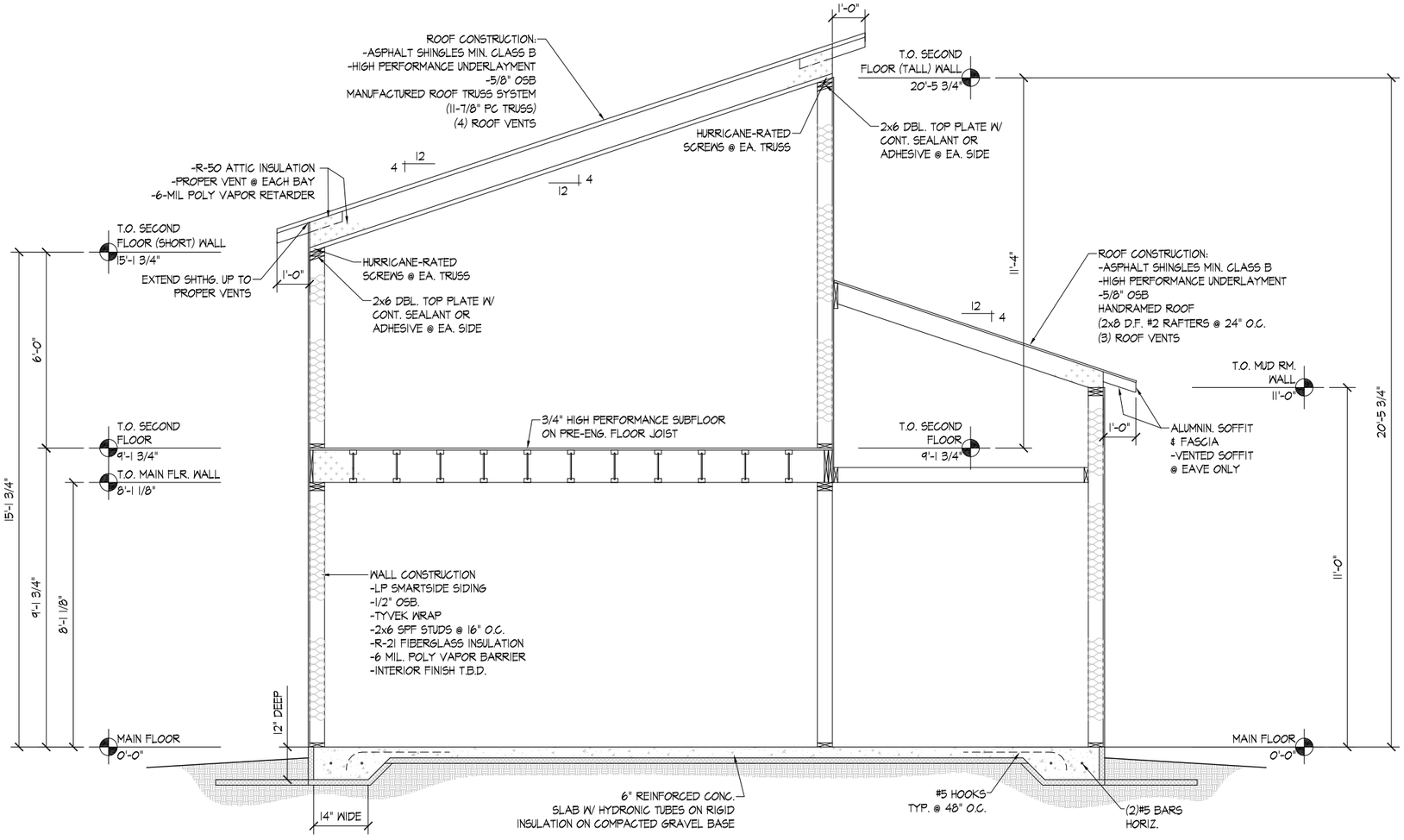

TYP. BUILDING SECTION "A"

SCALE: N.T.S.

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RHINELANDER WI. 54501

DATE: 3-4-24
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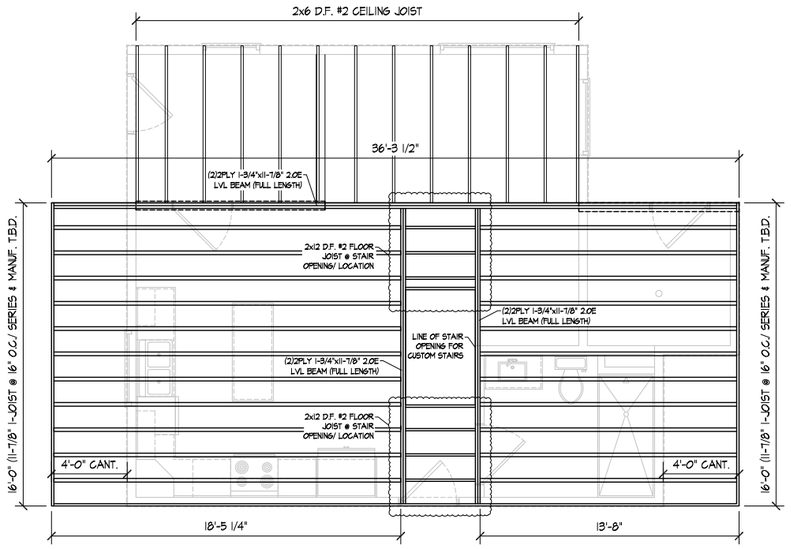
JOB NO. 2418
SHEET: A-4.0



SECOND FLOOR FRAMING PLAN

FLOOR SYSTEM DESIGN:

(UNLESS OTHERWISE NOTED)

-LIVE LOAD = 40#
DEAD LOAD = 20# ┐ L/480 MIN.

-FLOOR SYSTEM TO BE 11-7/8 @ 16" O.C.
(SERIES TO BE DETERMINED BY I-JOIST MANUFACTURER

FLOOR JOIST @ STAIR TO BE 2x12 D.F. #2 @ 16" O.C.

-SUBFLOOR 3/4" T& G SCREWED AND GLUED

GENERAL FLOOR FRAMING NOTES:

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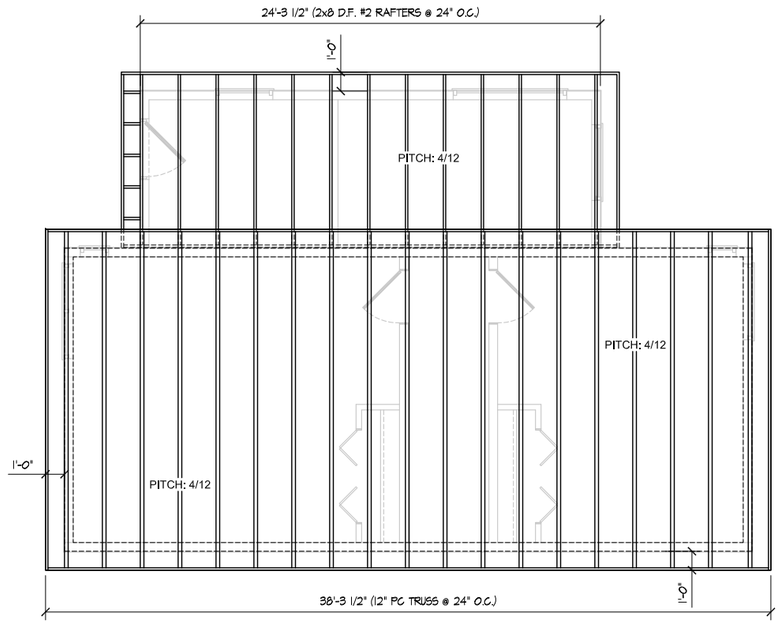
-ALL SHOULDER/BEARING STUDS TO BE (2)PLY UNLESS OTHERWISE NOTED ON PLAN

-DECK JOIST PER PLAN



ROOF FRAMING PLAN

ROOF SYSTEM DESIGN:

(UNLESS OTHERWISE NOTED)

-SEE ROOF PLAN & SECTIONS FOR ROOF PITCHES AND HEEL HEIGHTS

-LIVE LOAD = 40# (60 PSF GROUND)
DEAD LOAD = 20#
WIND = 90 MPH
GABLE END O.H. = 1'-0"
EAVE O.H. = 1'-0"

-ENGINEERED ROOF TRUSSES 24" O.C.
RT-7 ANCHORS AT ENDS OF TRUSSES
5/8" OSB ROOF SHEATHING NAILED TO TRUSSES W/ 8d @ 6" O.C. AT SEAMS & 12" O.C. IN THE FIELD

-2X6 SUBFASCIA
SL-6" ALUMN. FASCIA
VENTED ALUMN. SOFFIT ALUMINUM DRIP EDGE "VENTED @ EAVES ONLY

-(2) ROWS ICE & WATER SHIELD W/
REMAINING ROOF AREA TO HAVE HIGH PERFORMANCE UNDERLAYMENT
-ASPHALT SHINGLES MIN. CLASS "B"
-ONE ROW STARTER SHINGLE
-CONT. VENTED RIDGE CAP

-R-50 BLOWN INSULATION (FLAT CEILING AREA)
VAULT AREA R-50 DENSE PACK INSULATION

-6-MIL POLY VAPOR BARRIER
PROPER VENTS AT EACH TRUSS BAY LOCATION

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3230 FISH LAKE LANE
RHINELANDER WI. 54501

DATE: 3-4-24
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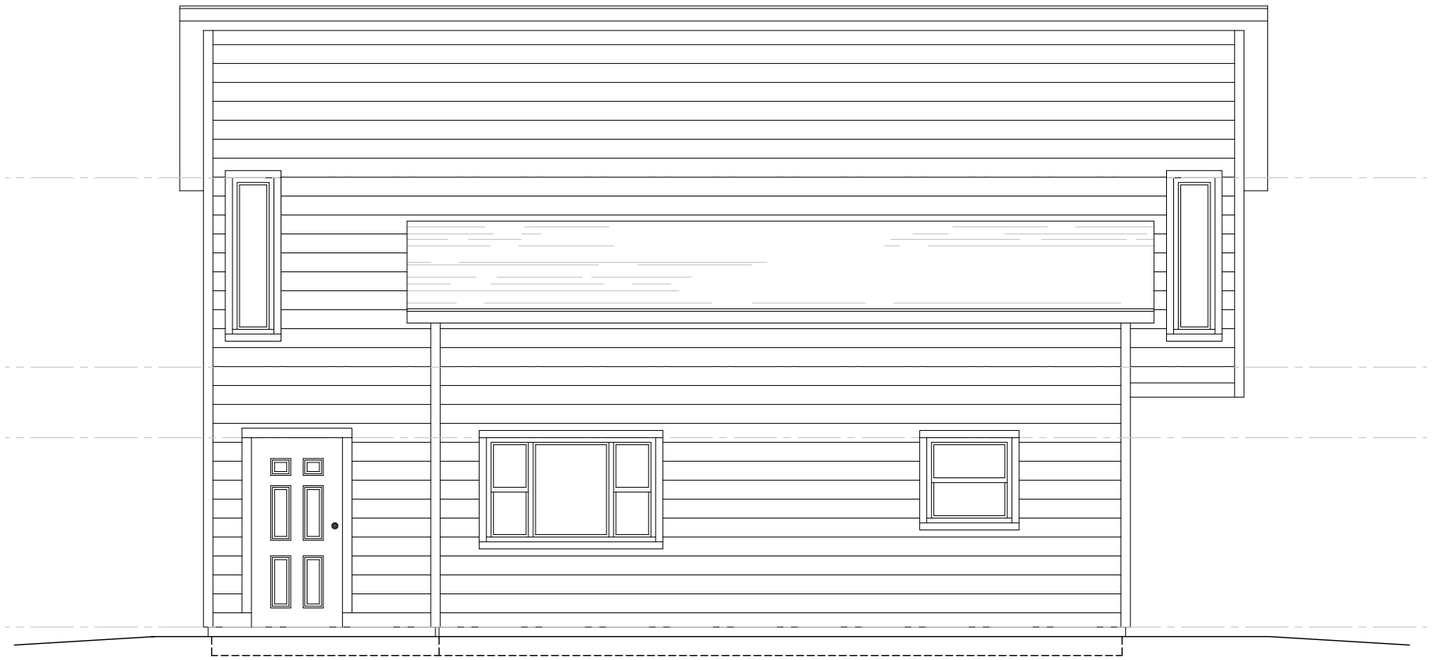
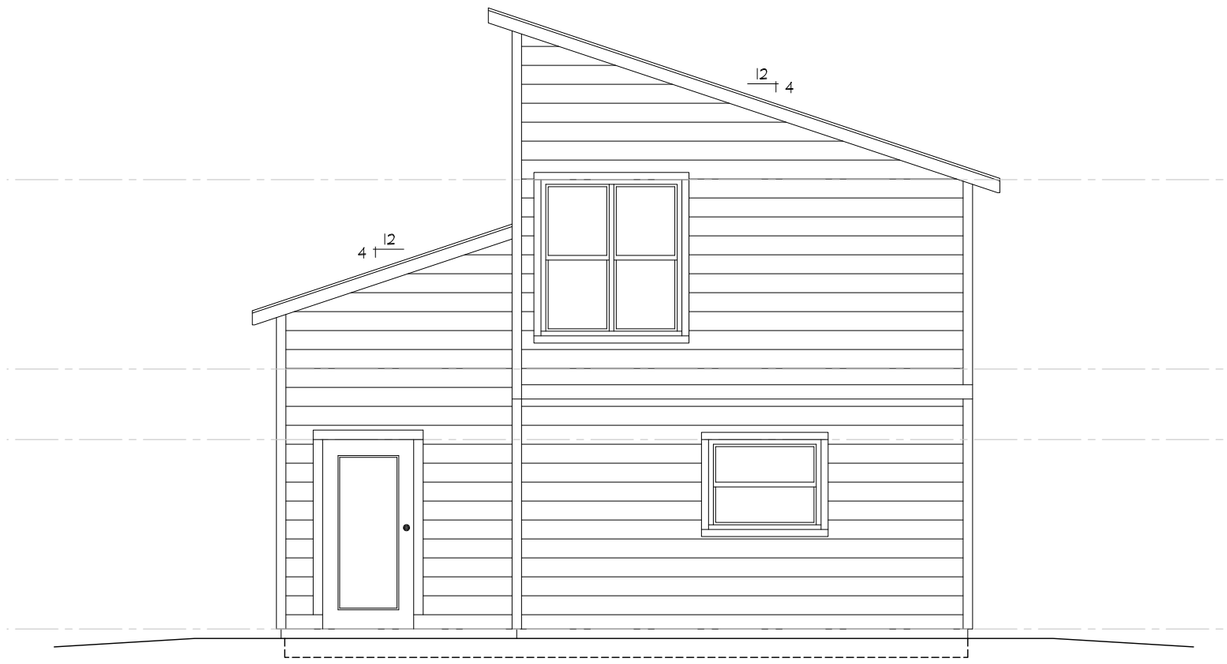
SHEET: A-5.0



FRONT ELEVATION



RIGHT ELEVATION

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NEW CONSTRUCTION

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RHINELANDER WI. 54501

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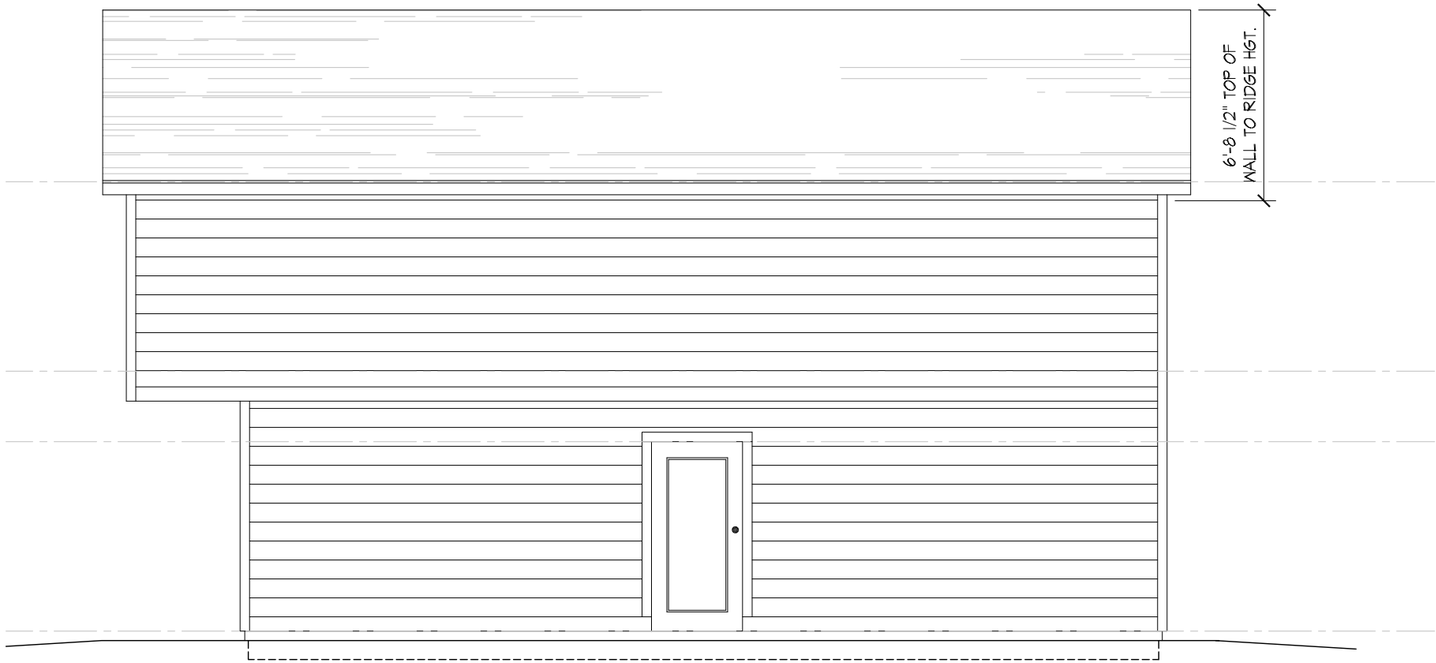
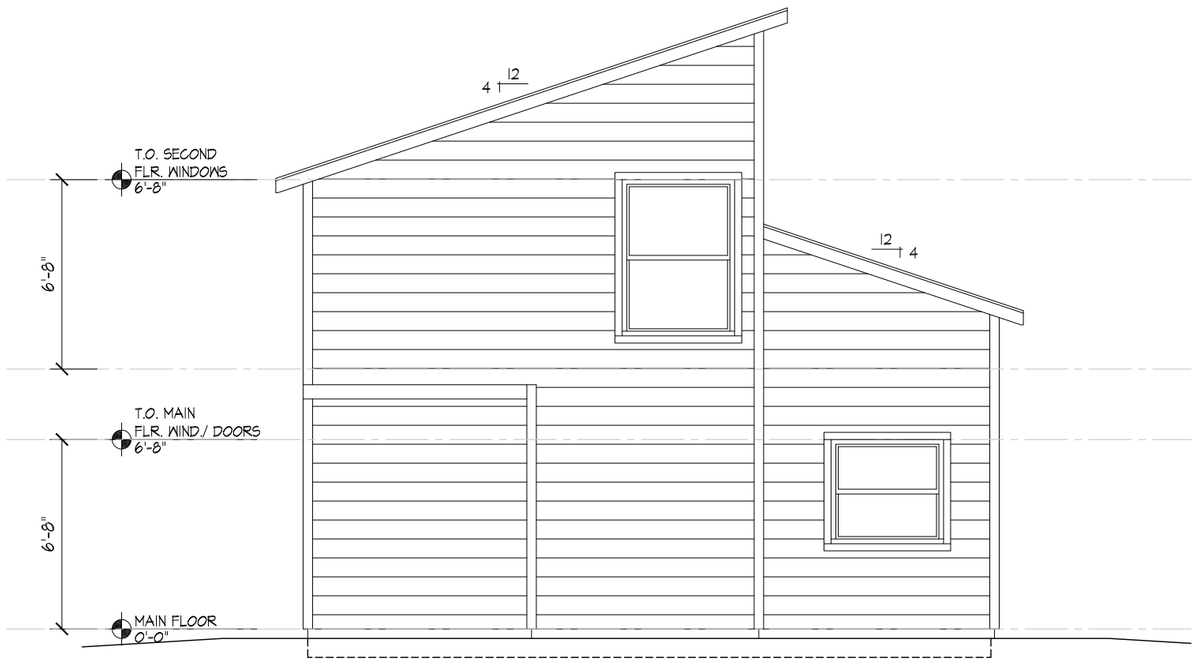


REAR ELEVATION



LEFT ELEVATION

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