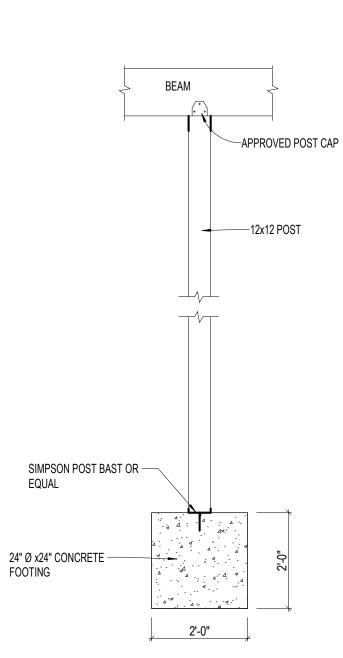


### **FOUNDATION NOTES**

- 1. ASSUMED SOIL BEARING PRESSURE OF 1500 P.S.F. 2. ALL CONC. TO BEAR ON FIRM, NATURAL, UNDISTURBED SOIL. 3. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE: WALLS NOT EXPOSED TO WEATHER 2500 PSI
- WALLS EXPOSED TO WEATHER 3000PSI PORCHES, STEPS & GARAGE SLAB 3500PSI 4. EXTEND FOOTING BELOW FROST LINE, (24" MIN. INTO NATURAL
- SOIL FOR 1 STORY AND 2 STORY CONSTRUCTION 5. THE GRADE AWAY FROM THE FOUNDATION WALLS TOF ALL A MIN. 6' WITHIN THE FIRST 10 FEET.
- 6. 1/2" DIA. X 10" ANCHOR BOLTS TO BE USED @ 6'-0" O.C. & 7" MIN. INTO CONC. & 12" MAX FROM ANY CORNER W/ 2" DIA. WASHERS & 1/2" DIA. NUTS (CONC. STEM WALLS).
- 7. 18" MIN. CRAWL SPACE W 6MIL. BLACK W/6 MIL. BLACK VAPOR BARRIER THROUGHOUT LAP JOINTS 12" MIN. EXTEND UP STEM WALL & STAPLE TO MUD SILL.
- 8. SUGGESTED REBAR PLACEMENT TO BE: 2- #4 HORIZONTAL REBAR IN FOOTING AND VERTICAL REBAR @ 6'-0" O.C. IN ALL 2' EXTERIOR CONCRETE STEM WALLS. ACTUAL REBAR INSTALLATION TO FOLLOW LOCAL REQUIREMENTS.
- 9. SUGGESTED REBAR PLACEMENT TO BE: 2- #4 HORIZONTAL REBAR IN FOOTING AND 2-#4 HORIZONTAL REBAR IN STEM WALL EQUALLY SPACED AND VERTICAL REBAR @ 6'-0" O.C. IN ALL 2' EXTERIOR CONCRETE STEM WALLS. ACTUAL REBAR INSTALLATION TO FOLLOW LOCAL REQUIREMENTS. 10. BASEMENT CONCRETE WALLS TO FOLLOW LOCAL REQUIREMENTS AND
- OR PER APPROVED STRUCTURAL ENGINEERING DRAWINGS. 11. ALL CONCRETE PORCHES TO BE DOWELED TO EXTERIOR STEM WALL WITH #4 REBAR @ 2'-0" O.C.
- 12. CONTRACTOR TO VERIFY ALL MEASUREMENTS AND SQUARENESS OF CORNERS PRIOR TO POURING AND AFTER COMPLETION OF FINAL WORK. ALL FINISHED WORK (TOP OF STEM WALLS, TOP OF FOOTINGS, SLABS, PORCHES) TO BE FINISHED AS LEVEL AS POSSIBLE.
- 13. ADD SIMPSON HPAHD22 TIE DOWN STRAP TO ALL GARAGE WING WALLS AND ANY FOUNDATION WALL LESS THAN 2' LONG, IF REQUIRED PER LOCAL BUILDING DEPARTMENT.

### **SHEET NOTES**

- CONTINUOUS FOUNDATION WALL BLOCK OUT AS 1 CONTINUOUS REQUIRED.
- (2) CRAWL SPACE ACCESS.
- 3 4" CONCRETE SLAB ON 4" COMPACT GRAVEL BASE W/ 6" THICKENED SLAB EDGE TO FROSTLINE W/ 4" x 18" BAR @ 24" O.C.
- 4 ALL FOUNDATIONS, FOOTINGS, AND BALCONY/ROOF SUPPORT PIERS TO MAINTAIN A MINIMUM DEPTH OF 24" BELOW FINISH GRADE ELEVATION FOR FROST PROTECTION.
- 5 ANCHOR BOLTS PER R403.1.6 AS REQUIRED PER PORTAL FRAMING AT GARAGE DOORS
- (6) CONC. STOOP.
- (7) SIMPSON POST BASE OR EQUAL.
- (8) 24"x24" MIN. DEEP CONC. SUPPORT PIER@CONC. SLAB.
- (9) BLOCK OUT PONY WALL FOR 18"x24" CRAWL ACCESS



ORIGINAL DRAWINGS. CONSULTANT'S LITABILITY IS THE SAME.

NOTE: RISEN HOME DESIGN PLANS DO NOT CARRY AN

ENGINEER'S STAMP TO COMPLY WITH LOCAL BUILDING

CONSTRUCTION THAT MAY REQUIRE AN ARCHITECT'S AND/OR

CODES. THE CONTRACTOR IS TO VERIFY THESE CONDITIONS

AND SECURE REQUIRED STAMPS PRIOR TO CONSTRUCTION

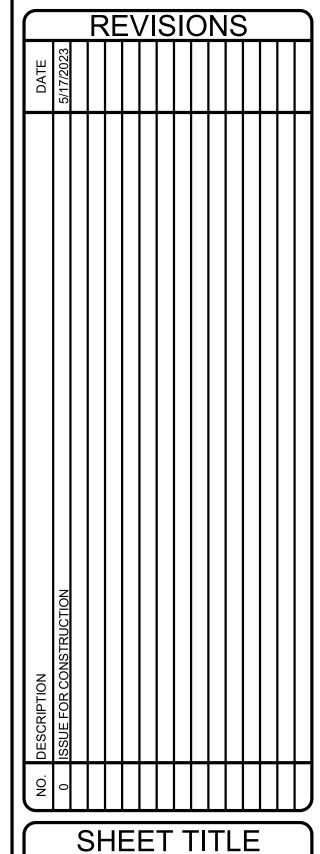
ENGINEER'S AND/OR ARCHITECT'S STAMP(S) SOME

CONDITIONS MAY ARISE DURING DESIGN. AND/OR

#### **GENERAL CONDITIONS**

**DRAWINGS & SPECIFICATIONS** IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO BE GUIDELINES FOR CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ANY QUESTIONS AND MEANINGS IN THE WORKING DRAWINGS AND SPECIFICATIONS AND THE CONTRACTOR SHALL NOTIFY THE DESIGNER IN WRITING OF ANY ERRORS, OMISSIONS, OR UNSUITABLE DETAILING WHICH MAY CAUSE CONSTRUCTION PROBLEMS. THE DESIGNER'S LIABILITY REGARDING ERRORS AND/OR OMMISSIONS WILL BE LIMITED TO THE CORRECTION OF THE

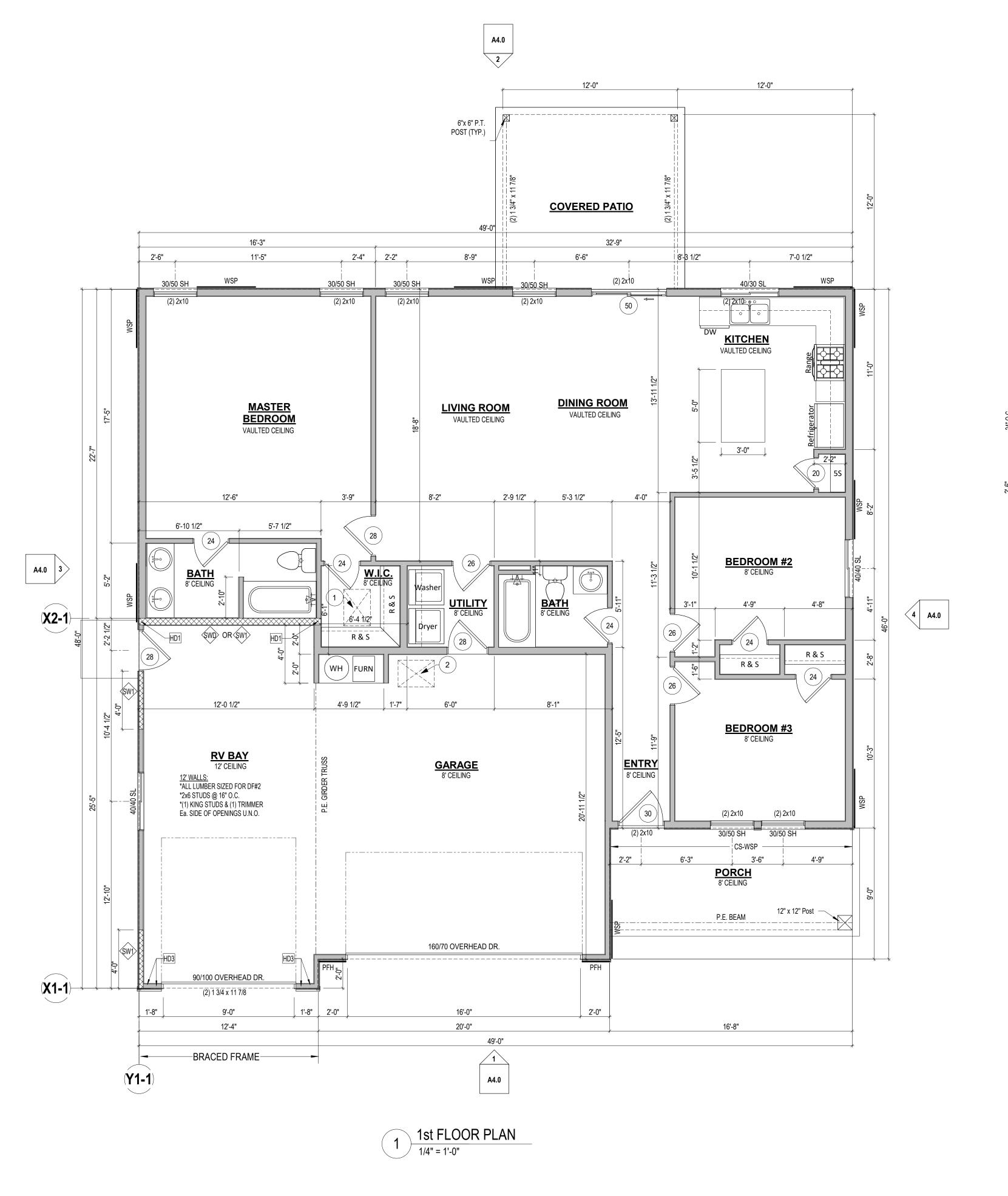
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**FOUNDATION PLAN** 

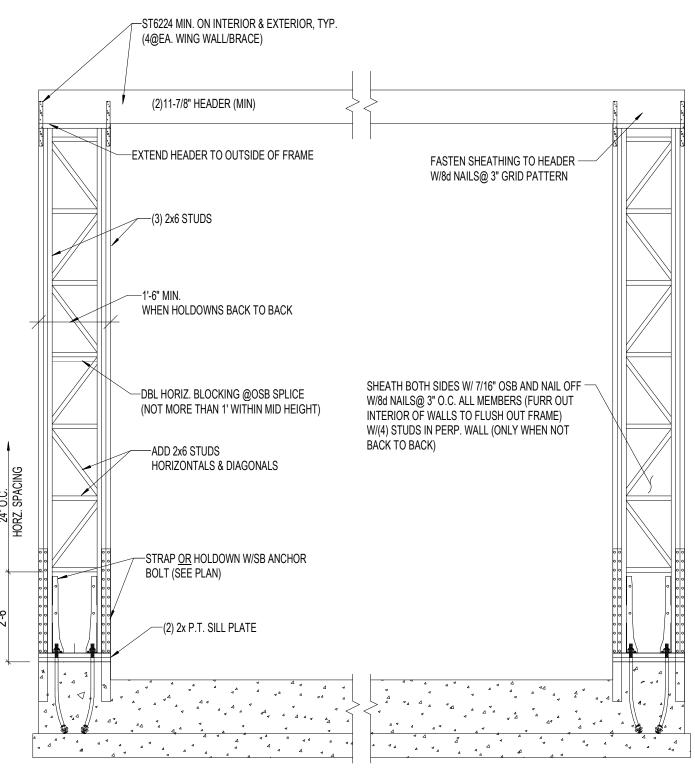
RHD PROJECT NUMBER: RHD-1030 DRAWN BY: DATE: 5/17/2023 CHECKED BY: MM DATE: 5/17/2023

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# **PLAN VIEW**



OSB SHEAR WALL SCHEDULE:												
MARK	SHEATING	SIDES OF WALL	SHEET NAILING PERIMETER/FIELD	SHEET STAPLING PERIMETER/FIELD	BLGK	NAILING(UNO) BOTTOM PLATE INTO RIM						
SW1	7/16" APA RATED	1	8d @ 6/12	OR 16ga x 1-1/2" @ 3/12	YES	(2) 16d NAILS PER 16" BAY						
GYP. SHEAR WALL SCHEDULE:												
SWD	1/2" GYP. BOARD	2	5d COOLER @ 6/6		NO	(2) 16d NAILS PER 16" BAY						

### TYP. NOTES:

- 1. ALL SHEATHING PANEL EDGES SHALL BE BLOCKED UNO
- 2. PROVIDE SAME NAILING PATTERN ABOVE AND BELOW OPENINGS AS ADJACENT SHEAR PANEL.
- 3. ALL EXTERIOR WALLS SHALL BE SHEARWALL "SW1" WITHOUT BLKG UNO. 4. FASTEN GABLE/RIM TO SHEAR WALLS BELOW W/10d TOENAILS @ 12" O.C. UNO.
- 5. FASTEN TRUSS HEELS TO SHEAR WALLS W/H2.5A AND (2) 10d TOENAILS @ EACH.
- 6. GYP BOARD SHEAR WALLS MAY BE SUBSTITUTED WITH AN "SW1" SHEAR WALL @ CONTRACTOR'S OPTION. 7. WALL SHEATHING CAN BE APPLIED TO EITHER SIDE OF THE WALL. (UNLESS NOTED OTHERWISE)

HOLDOWN SCHEDULE :										
MARK	STRAP TYPE	STRAP FASTENERS	# OF STUDS	ANCHOR BOLT		# OF STUDS	FASTENERS			
HD1	LSTHD8 OR LSTHD8RJ W/RIM	(20) 16d SINKERS	2	OR	DTT2Z W/1/2Ø x10"	2	(8) 1/4" x 1-1/2" SDS			
HD3	LSTHD14 OR LSTHD14RJ W/RIM	(30) 16d SINKERS	2	OR	HDU5 - SDS2.5 W/ SB5/ 8x24 OR PAB5 @ INT. PONY WALLS	2	(14) 1/4" x 2-1/2" SDS			
		GABLE / DF	RAG TRUS	SS OR	RIM KEY NOTES:					
T1 -		ATTACH GABLE / DRAG TRUSS OR RIM TO TOP PLATE W/ 10d TOENAILS@ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS OR RIM								
		В	LOCKING	KEY	NOTES:					
MARK DESCRIPTION										
B1	-	FULL HEIGHT BLOCKING BETWEEN EVERY OTHER TRUSS BAYS W/ (6)10d TOENAILS FROM BLOCKING TO TOP PLATE, NAIL ROOF SHEATHING TO BLOCKING 3" O.C.								
TYP.	NOTES:									
					DW W/10d TOENAILS @12" C //H2.5A AND (2) 10d TOENAIL		-1			

#### INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT CLIMATE ZONE | FENESTRATION | SKYLIGHT GLAZED CEILING WOOD FRAM MASS FLOOR BASEMENT SLAB CRAWLSPACE U-FACTOR U-FACTOR FENESTRATION R-VALUE WALL R-VALUE WALL R-VALUE WALL R-VALUE WALL SHGC R-VALUE R-VALUE R-VALUE <sub>30</sub>g 10/13 10, 2 ft 0.35 0.60 38 20 OR 13+5 <sup>n</sup> 13/17 10/13 MARINE 4

NOTE: RISEN HOME DESIGN PLANS DO NOT CARRY AN ENGINEER'S AND/OR ARCHITECT'S STAMP(S) SOME CONDITIONS MAY ARISE DURING DESIGN. AND/OR CONSTRUCTION THAT MAY REQUIRE AN ARCHITECT'S AND/OR ENGINEER'S STAMP TO COMPLY WITH LOCAL BUILDING CODES. THE CONTRACTOR IS TO VERIFY THESE CONDITIONS AND SECURE REQUIRED STAMPS PRIOR TO CONSTRUCTION

# **FLOOR PLAN NOTES**

- 1. ALL STRUCTURAL LUMBER SIDED FOR #2 OR BETTER
- DOUG FIR LARCH.
- 2. 2x EXTERIOR STUD FRAMING @ 16' O.C. W/ SINGLE BOTTOM PLATE AND DOUBLE TOP PLATE.
- 3. 4x8 HEADERS IN ALL BEARING WALL OPENING UNLESS OTHERWISE NOTED.
- 4. ALLOW FOR A 22' x 30' (MIN) ATTIC AND CRAWL SPACE ACCESS.
- 5. ALL METAL CONNECTIONS TO BE SIMPSON CO. OR BETTER 6. 5/8" TYPE 'X' GYP BOARD @ ALL GARAGE COMMON WALLS AND CEILINGS APPLIED TO GARAGE SIDE AND ALL WALLS, BEAMS, POSTS AND OTHER STRUCTURAL MEMBERS SUPPORTING FIRE PROTECTED HORIZONTAL STRUCTURAL MEMBERS.
- 7. DOORS BETWEEN GARAGE AND DWELLING ARE TO BE SELF CLOSING AND TIGHT FITTING SOLID WOOD DOOR 1 3/8" THICK OR A DOOR W/ A FIRE PROTECTION RATING OF NOT LESS THAN 20 MINUTES.
- 8. 1/2" GYPSUM BOARD TO BE INSTALLED ON INSIDE WALLS OF
- 9. ALL WINDOWS TO HAVE BREATHER TUBES INSTALLED.
- 10. ROOF SYSTEM TO BE PRE-ENGINEERED MANUFACTURED ROOF TRUSSES UNLESS OTHERWISE NOTED.
- 11. ALL CONSTRUCTION PRACTICES USED IN THE CONSTRUCTION OF THIS DWELLING SHALL BE DONE IN ACCORDANCE W/ THE
- 2018 WHERE APPLICABLE. 12. VENT RANGE HOOD, FANS, AND DRYER TO OUTSIDE AIR. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING WORK.
- 13. ALL RESCUE WINDOWS FROM SLEEPING AREAS MUST MEET THE FOLLING REQUIREMENTS: 1. SHALL HAVE A NET CLEAR OPENING OF 5.1 SQ. FT.
- 2. MINIMUM HEIGHT OF 24". 3. MINIMUM WIDTH OF 20". 4. FINISHED SILL HEIGHT OF NOT MORE THAN 44".

14. EXTERIOR DIMENSIONS ARE TO FACE OF STUD WALL. INTERIOR

DIMENSIONS ARE TO FACE OF STUD WALL. 15. ALL FURNACE SWITCHES, PILOTS, AND BURNERS TO BE MINIMUM 18" ABOVE FINISHED FLOOR.

# SHEET NOTES

- (1) CRAWL SPACE ACCESS. COORDINATE WITH JOIST LAYOUT.
- (2) ATTIC SPACE ACCESS. COORDINATE WITH TRUSS LAYOUT.

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#### SQ/FT. 1406 SF GARAGE 423 SF PORCH 117 SF PATIO 144 SF

### DOOR/WINDOW TAG EXAMPLE DOOR TAG WINDOW TAG

( 26 ) = 2'-6" | 40/56 SH = 4'-0" x 5'-6" SINGLE HUNG

300 SF

# **BRACING DETAILS**

METHOD CONNECTION CRITERIA WOOD STRUCTURAL PANEL (SEE SECTION R604) EXTERIOR SHEATHING: SEE IRC TABLE R6023(3) INTERIOR SHEATHING: SEE IRC TABLE R6023(1) SEE SECTION R602.10.3.3 INTERMITTENT PORTAL FRAME

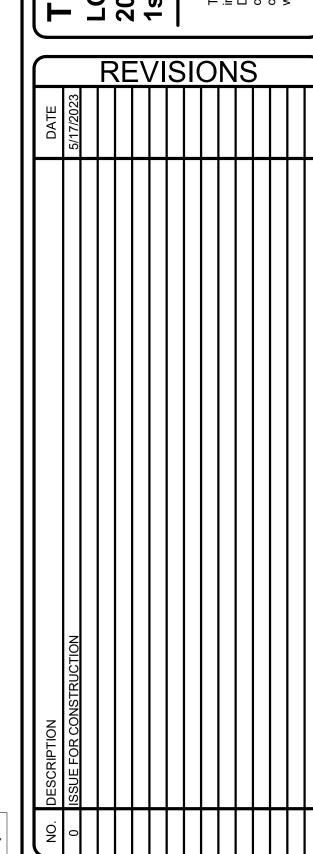
> NOTE: VERIFY ALL WINDOW/DOOR ROUGH OPENING AND HEADER HEIGHT AND THE SAME FOR TRIM PACKAGE. VERIFY STANDARD HEIGHTS WITH CONTRACTOR BEFORE FRAMING.

#### SEE 2018 IRC

R302.7 PROVIDE UNDERSTAIR PROTECTION AS REQUIRED R302.11 PROVIDE FIREBLOCKING AS REQUIRED R303.7 PROVIDE SWITCHING AND ILLUMINATION AS REQUIRED R305 PROVIDE SUFFICIENT CEILING HEIGHTS R311.7 MEET STAIRWAY REQUIREMENTS R312 MEET GUARD REQUIREMENTS

#### **GENERAL CONDITIONS DRAWINGS & SPECIFICATIONS**

IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO BE GUIDELINES FOR CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ANY QUESTIONS AND MEANINGS IN THE WORKING DRAWINGS AND SPECIFICATIONS AND THE CONTRACTOR SHALL NOTIFY THE DESIGNER IN WRITING OF ANY ERRORS, OMISSIONS, OR UNSUITABLE DETAILING WHICH MAY CAUSE CONSTRUCTION PROBLEMS. THE DESIGNER'S LIABILITY REGARDING ERRORS AND/OR OMMISSIONS WILL BE LIMITED TO THE CORRECTION OF THE ORIGINAL DRAWINGS. CONSULTANT'S LITABILITY IS THE SAME.



SHEET TITLE 1st FLOOR

**PLAN** 

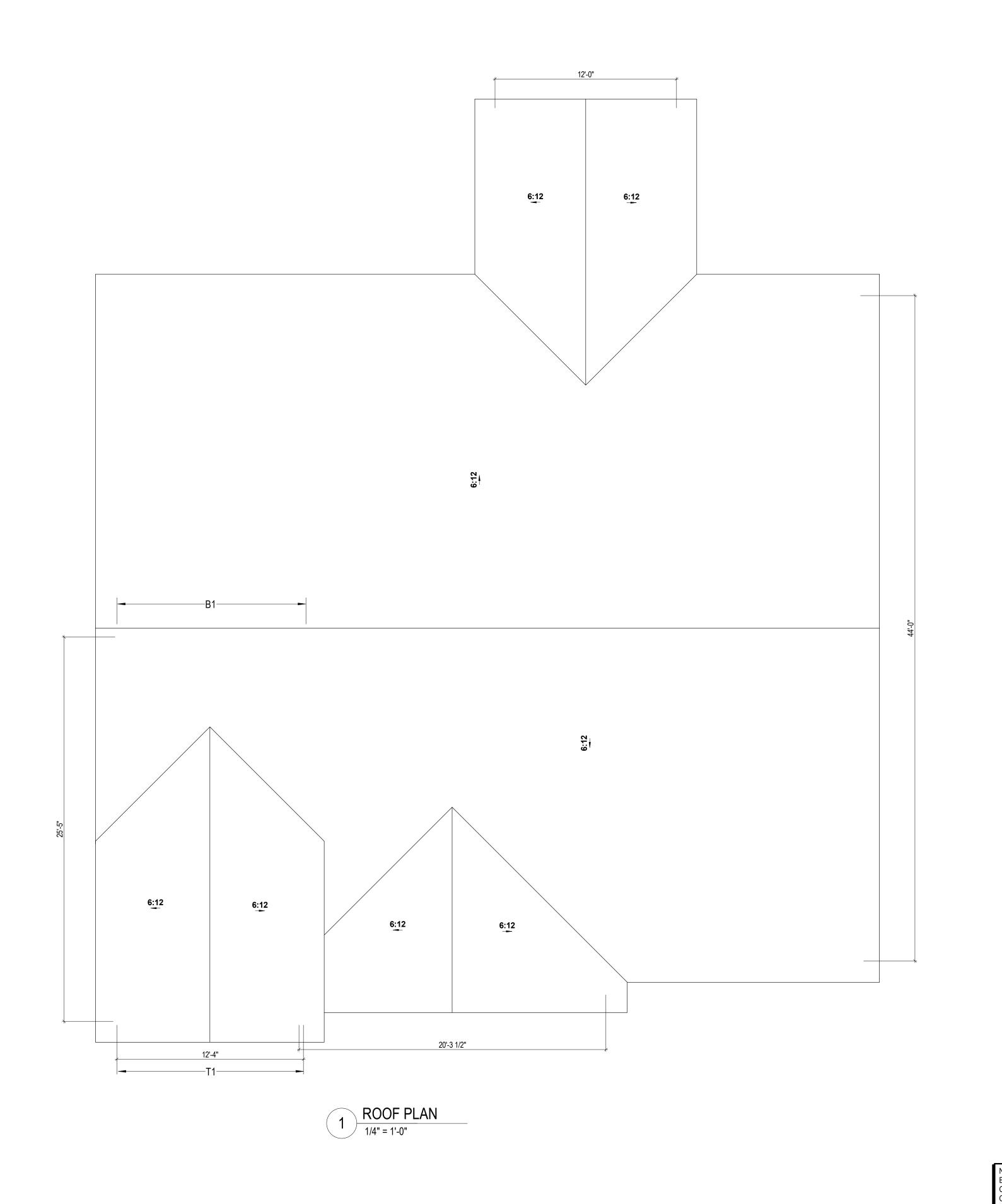
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**REVISIONS** 

SHEET TITLE **ELEVATIONS** 

RHD-1030 RHD PROJECT NUMBER: DRAWN BY: MM DATE: 12/1/2023

DATE: 12/1/2023



# **ROOF NOTES**

1. TRUSS LAYOUT AND DESIGN TO BE SPECIFIED BY LOCAL TRUSS COMPANY. BUILDING CONTRACTOR TO VERIFY ALL TRUSS LAYOUTS WITH TRUSS COMPANY BEFORE ORDERING. ALL TRUSS PROBLEMS TO BE ADDRESSED BY CONTRACTOR AND TRUSS

2. ALL ROOF AND SOFFIT VENTS TO BE INSTALLED ACCORDING TO U.B.C. AND APPLICABLE LOCAL CODES.

3. ALL TOTAL SPANS MAY VARY DEPENDING ON GIRDER TRUSS PLACEMENT. (IF

4. ALL WINDOW HEADERS, GARAGE DOOR HEADER AND MICRO-LAM BEAMS UNDER ROOF LOAD TO BE SPECIFIED BY LOCAL TRUSS COMPANY.

5. TRUSS COMPANY TO CONFIRM DESIGN ROOF SNOW LOAD SHOWN WITH COUNTY REQUIREMENTS OF THIS HOUSE LOCATION.

## **DESIGN CRITERIA**

**GENERAL CONDITIONS** 

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ERRORS AND/OR OMMISSIONS WILL BE LIMITED TO THE CORRECTION OF THE ORIGINAL DRAWINGS. CONSULTANT'S LITABILITY IS THE SAME.

SPECIFICATIONS AND THE CONTRACTOR SHALL NOTIFY THE DESIGNER IN

ANY QUESTIONS AND MEANINGS IN THE WORKING DRAWINGS AND

LOCATION: (CITY) MELBA (COUNTY) CANYON DESIGN ROOF SNOW LOAD: 25PSF DESIGN WIND SPEED: 115MPH DESIGN WIND EXPOSURE TYPE:\_\_\_\_ DESIGN EARTH QUAKE ZONE:\_\_\_ FROST DEPTH:\_\_\_\_24"\_\_\_



REVISIONS

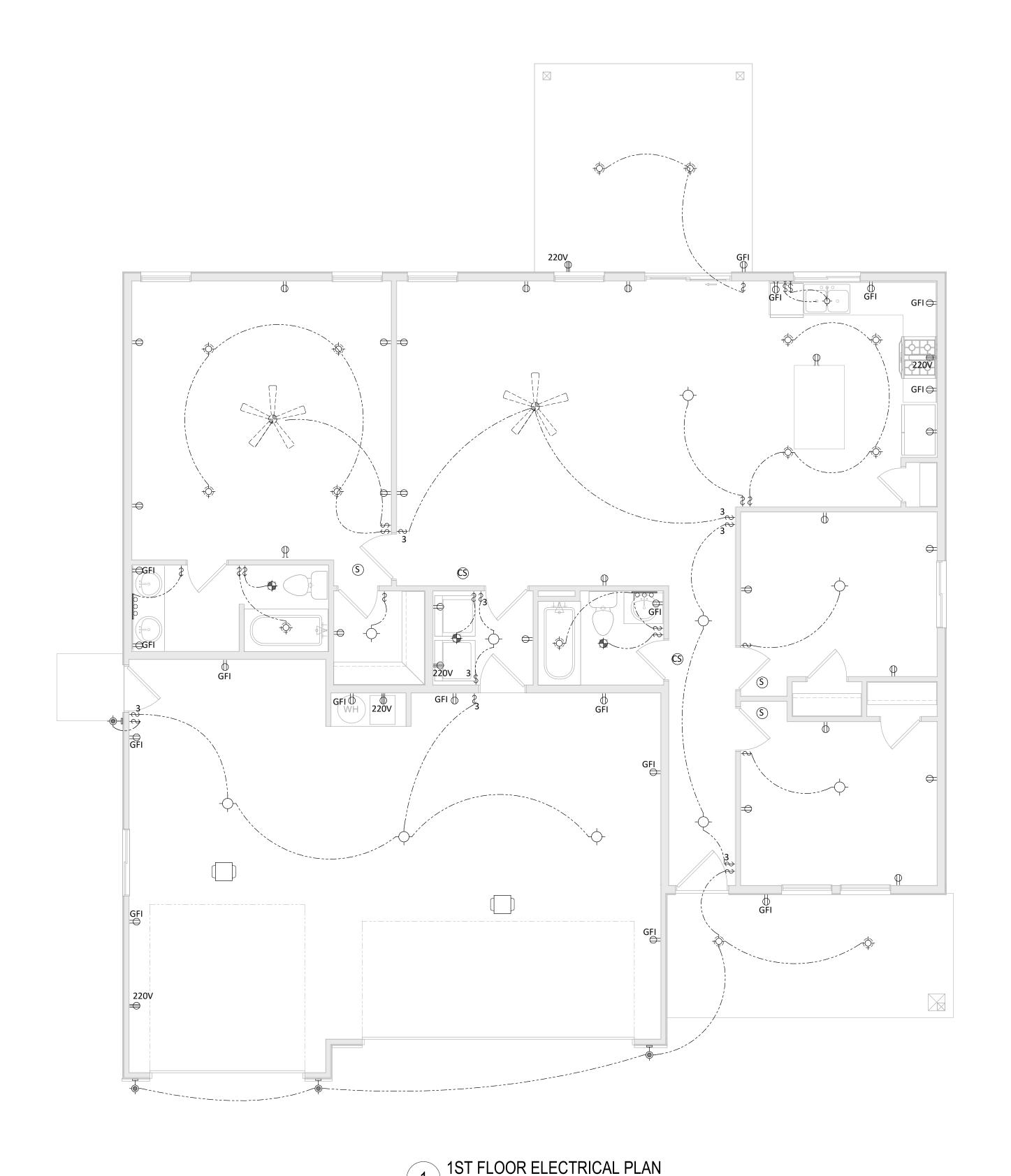
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ELECTRICAL LEGEND

REVISIONS

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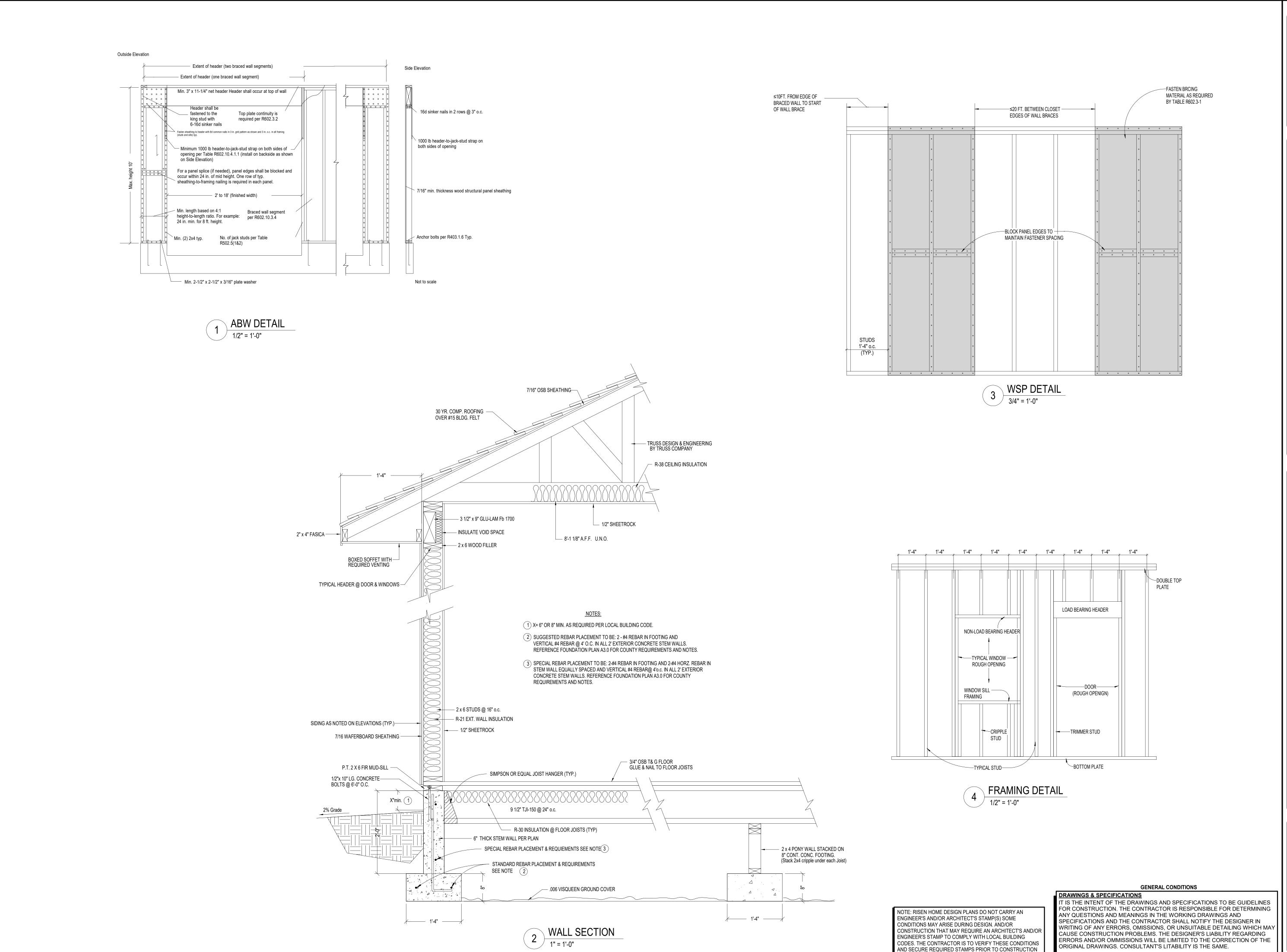
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**GENERAL CONDITIONS** 

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DRAWINGS & SPECIFICATIONS
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THE MCCALL

LOT 6 BLOCK 1 MELBA EST

209 RIMVIEW DR. MELBA, II

209 RIMVIEW DR. MELBA, II

DETAILS

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