

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

COVER SHEET

SMC Design
SMC Design
208.249.7288
Nampa, ID

- 7. PRE-MANUFACTURED METAL PLATED TRUSSES:**
- A. PRE-MANUFACTURED TRUSS PROVIDER TO VERIFY ALL LOADING PATTERNS TO FOOTINGS BELOW.
 - B. PRE-MANUFACTURED TRUSS PROVIDER TO PROVIDE SUPPORT @ TRUSSES FOR LOADING SHOWN ON ALL PLANS, SECTIONS AND DETAILS. VERIFY SECOND FLOOR LOADING AND SPECIAL CASE POINT LOADING FROM LOG AND FRAMED ROOF SYSTEMS.
 - C. ALL PRE-MANUFACTURED ROOF TRUSSES SHALL BE DESIGNED FOR THE ROOF LOADS SHOWN AND ACCOUNT FOR ANY REQUIRED ADDITIONAL DRIFT, VALLEY, OR EAVE LOAD PER CODE. TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD (E.O.R.) FOR REVIEW AND COMPLIANCE.
- 8. GENERAL STRUCTURAL NOTES:**
- A. CONTRACTOR TO VERIFY ALL OPENINGS, BUILDING DIMENSIONS, COLUMN LOCATIONS AND DIMENSIONS WITH OWNER AND LOG MANUFACTURER PRIOR TO POURING OF ANY CONCRETE FOUNDATIONS OR CONSTRUCTION.
 - B. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ANY DEVIATIONS FROM THESE PLANS UNLESS SUCH CHANGES ARE AUTHORIZED IN WRITING TO THE ENGINEER OF RECORD.
 - C. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING AND/OR TEMPORARY STRUCTURAL STABILITY FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR FINAL CONFIGURATION.
 - D. NOTCHING AND/OR CUTTING OF ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED, UNLESS PRIOR CONSENT IS GIVEN BY THE ENGINEER OF RECORD.

- U. ALL WINDOW SIZES ARE NOMINAL. VERIFY ACTUAL LOG OPENINGS WITH LOG 4 WINDOW MANUFACTURERS.
 - V. ALL MICROGLAM LVL'S SHALL HAVE THE MINIMUM SECTION PROPERTIES OF FB = 2900 PSI, FV = 285 PSI, E = 2,000,000 PSI.
 - W. ALL ROOF OPENINGS GREATER THAN 12'X12' SHALL BE FRAMED IN OPENINGS.
 - X. GLUE-LAM BEAMS SHALL BE DOUGLAS FIR COMBINATION 24F-V4 FOR SIMPLY SUPPORTED AND 24F-V8 FOR CANTILEVERED BEAMS, FB = 2400 PSI, FV = 165 PSI, E = 1,600,000 PSI. PROVIDE WET USE GLUE ON ALL EXTERIOR LOCATIONS.
- 6. STRUCTURAL STEEL:**
- A. BOLTS AND LAGS SHALL CONFORM TO ASTM A36 (U.N.O.)
 - B. STEEL TUBES TO CONFORM TO ASTM500, GRADE B (FY = 40KS)
 - C. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING AGAINST WOOD.
 - D. ALL WORK SHALL BE IN ACCORDANCE WITH THE 9TH EDITION, OR 1ST EDITION LRFD MANUAL OF AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"
 - E. ALL WELDING SHALL BE PERFORMED PER AWS D1.1 WITH A MINIMUM WELD SIZE OF 3/16" AND WITH E70XX ELECTRODE.
 - F. MACHINE BOLTS SHALL BE ASTM A325 (U.N.O.)
 - G. PROVIDE LOCK WASHERS BETWEEN NUT AND CONNECTED STEEL.
 - H. ALL STEEL, INCLUDING NUTS, BOLTS, AND WASHERS EXPOSED TO WEATHER, SHALL BE GALVANIZED.

- I. ORIENTED STRAND BOARD (OSB) WITH THE SAME SPAN RATING MAY BE SUBSTITUTED.
- J. ALL EXTERIOR WALLS TO BE 2X6 @ 16" O.C. AND AT INTERIOR NON-LOAD BEARING PARTITIONS TO BE 2X4 @ 16" O.C. STUD WALLS (U.N.O.)
- K. 2X DIMENSIONAL STUDS ARE TO BE STANDARD (DF-L) #2 OR BETTER WESTERN WHITE WOODS (WWW)
- L. PROVIDE STEEL STRAPS AT PIPES IN STUD WALLS AS REQUIRED BY THE ADOPTED CODE.
- M. OVER-FRAMING SHALL BE DONE SUCH THAT VERTICAL LOADS ARE TRANSFERRED TO MAIN STRUCTURE BELOW BY DIRECT BEARING AT SPACING NOT TO EXCEED 24" O.C.
- N. METAL HANGERS AND CONNECTIONS ARE "SIMPSON" AND SHALL BE INSTALLED PER "SIMPSON" RECOMMENDATIONS.
- O. ENGINEERED JOISTS TO BE DESIGNED, CERTIFIED, ERECTED, INSTALLED, AND BRACED PER MANUFACTURER'S SPECS. ALL REFERENCES ON PLANS ARE FOR TRUS-JOIST, A WEYERHAEUSER BUSINESS PRODUCT. USE THESE PRODUCTS OR AN EQUIVALENT APPROVED MANUFACTURER.
- P. SHEATHING SHALL BE APA RATED EXPOSURE 1
- Q. STAGGER SHEATHING END JOINTS 4'-0"
- R. PROVIDE 1/4" SPACE AT ALL PANEL EDGES FOR EXPANSION.
- S. FRAME INTERIOR BEARING WALLS SHORT TO ACCOUNT FOR LOG SETTLING.
- T. FRAME INTERIOR POSTS SHORT TO ACCOUNT FOR LOG SETTLING. USE REMOVABLE SHIMS OR SETTLING JACK, AS NECESSARY.

- 4. REINFORCING STEEL:**
- A. ASTM A615, GRADE 60. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60.
 - B. MINIMUM LENGTH OF LAPPED SPLICES SHALL BE 48 TIMES BAR DIAMETER UNLESS NOTED OTHERWISE. STAGGER SPLICES IN WALLS SO THAT NO TWO ADJACENT BARS ARE SPLICED IN THE SAME LOCATION.
 - C. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, FY = 75,000 PSI.
 - D. REINFORCING SHALL BE CONTINUOUS THROUGH ALL COULD JOINTS.
 - E. PROVIDE CORNER BARS W/ 0" LEGS AT CORNERS AND INTERSECTING WALLS AND FOOTINGS. SIZE AND PLACEMENT TO MATCH HORIZONTAL REINFORCEMENT.
 - F. PROVIDE #4 HORIZONTALS AT TOP OF WALL, CONT. IN FOOTINGS, AND ABOVE ALL OPENINGS. PROVIDE #4 HORIZONTALS AT ALL INTERSECTING FLOORS AND ROOF LEVELS, BOTTOM OF ALL WINDOWS AND AT 10'-0" O.C. MAXIMUM OR PER PLANS.
 - G. PROVIDE #4 VERTICALS AT 24" O.C. W/ STANDARD HOOK EXTENDING INTO FOOTING AT EACH SIDE OF WALL OPENINGS AND AT EACH END OF WALLS.
 - H. PROVIDE FOUNDATION HOLDDOWNS AT ALL SHEAR WALL LOCATIONS PER PLAN, IF APPLICABLE.
- 5. WOOD FRAMING:**
- A. STRUCTURAL LUMBER SHALL BE DOUGLAS FIR-LARCH (DF-L) #2 OR BETTER.
 - B. WOOD INSTALLED WITHIN 1" OF CONCRETE OR MASONRY SHALL BE REDWOOD OR PRESSURE TREATED.
 - C. PROVIDE WET USE ADHESIVES.
 - D. MAXIMUM LUMBER MOISTURE CONTENTS SHALL BE 15%.
 - E. ALL FRAMING DETAILS SHALL BE IN ACCORDANCE WITH THE ADOPTED CODE.
 - F. PROVIDE SOLID BLOCKING BELOW ALL BEARING WALLS AND POSTS. PROVIDE BLOCKING @ 24" O.C. @ JOISTS PARALLEL WITH BEARING WALLS ABOVE.
 - G. MINIMUM HEADERS AT BEARING WALL TO BE 4X6 WITH 4X6 BEARING STUD PLUS KING STUD EACH SIDE. HEADERS WITH LARGER LOADING WILL BE CALLED OUT IN PLANS.

- 3. CONCRETE:**
- A. THE MINIMUM COMPRESSIVE STRENGTHS FOR CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS (DESIGNED USING 2,500 PSI):
 - 1. ALL FOOTINGS, FOUNDATIONS, AND STEM WALLS FC = 3,000 PSI
 - 2. SLABS ON GRADE FC = 3,500 PSI
 - B. MINIMUM CLEAR PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:
 - 1. PLACED DIRECTLY AGAINST EARTH 3"
 - 2. FORMED SURFACES #5 BARS OR SMALLER 1-1/2"
 - 3. STRUCTURAL SLABS 1"
 - C. SAWN CONTROL & CONSTRUCTION JOINTS SHALL BE MADE AS SOON AS POSSIBLE WITHOUT DAMAGE TO THE SURFACE. FILING OF SAWN JOINTS WHERE REQUIRED SHALL BE DELAYED AS LONG AS POSSIBLE TO ALLOW MAXIMUM SHRINKAGE TO OCCUR IN SLABS.
 - D. ALL EMBEDDED ANCHOR BOLTS SHALL BE A36 OR A307 STEEL W/ 7" MIN. EMBEDMENT. ANCHOR BOLTS TO BE WITHIN 1'-0" OF SILL PLATE ENDS, WITH A MIN. OF TWO PER WALL AND NO CLOSER THAN 6" FROM CONCRETE WALL CORNERS. REFER TO LOG MANUFACTURERS SPECIFIC BOLT PLAN FOR LOG WALL ANCHORS. DO NOT POUR FOUNDATION WITH OUT LOG MANUFACTURERS BOLT PLAN.
 - E. WET SETTING OF REINFORCING BARS IN FOOTINGS AND WALLS IS NOT ALLOWED.
 - F. BLOCK-OUT ALL STEM WALLS @ ENTRIES AS REQUIRED.
 - G. CONCRETE FORM WORK TO BE OF ADEQUATE STRENGTH AND BRACED TO PREVENT DEFORMATION.
 - H. PROTECT ALL CONCRETE FROM FREEZING.
 - I. ALL LOWER LEVEL AND RETAINING WALLS WHICH HAVE FILL HIGHER THAN AN INTERIOR FLOOR LEVEL SHALL HAVE AN APPROVED WATERPROOFING MEMBRANE APPLIED.
 - J. PROVIDE ADEQUATE TEMPORARY BRACING OF CONCRETE AND/OR CMU RETAINING WALLS DURING BACKFILL PRIOR TO INSTALLATION OF MAIN FLOOR FRAMING AND BASEMENT CONCRETE SLAB ON GRADES. WALL DESIGNS ARE BASED ON TOP OF WALL RESTRAINED BY FINISHED FLOOR SYSTEM AND RESISTING SLIDING BY HAVING BASEMENT CONCRETE SLAB ON GRADE FLOOR INSTALLED.
 - K. IT IS RECOMMENDED THAT ALL GRADING, EXCAVATION, AND INSTALLATION OF FOUNDATIONS BE PERFORMED UNDER THE INSPECTION AND TESTING OF A QUALIFIED GEOTECHNICAL CONSULTANT DURING THE CRITICAL STAGES OF CONSTRUCTION.
 - L. STAIN & TEXTURE OF EXPOSED CONCRETE SURFACES PER OWNERS DIRECTION.

- 1. DESIGN CRITERIA:**
- A. DESIGNED USING INTERNATIONAL BUILDING CODE, 2018 EDITION
 - B. ROOF LIVE LOADS/SNOW LOAD = 25 PSF
 - C. ROOF DEAD LOAD = 15 PSF
 - D. FLOOR LIVE LOAD = 40 PSF
 - E. FLOOR DEAD LOAD = 12 PSF
 - F. WIND SPEED = 115 MPH
 - G. EXPOSURE TYPE = B'
 - H. SEISMIC CATEGORY = C
 - I. MINIMUM FROST DEPTH = 24 INCHES
- 2. FOUNDATIONS & SLAB ON GRADE:**
- A. ALL FOOTING AND FOUNDATION DESIGNS ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF BEARING ON COMPETENT NATIVE SOIL (CODE MINIMUM). IF THE SITE HAS A LOWER BEARING CAPACITY THAN ASSUMED THE FOUNDATION PLAN WILL NEED TO BE REDESIGNED. IF SOIL IS DISTURBED, COMPACT SOIL IN 6" LIFTS TO 95% MAXIMUM DRY DENSITY PER ASTM D960.
 - B. MINIMUM FROST DEPTH FROM LOWEST ADJACENT FINISH GRADE TO BOTTOM OF FOOTING SHALL BE MAINTAINED FOR ALL EXTERIOR FOOTINGS.
 - C. CONTRACTOR TO VERIFY LOCATIONS FOR STEP FOOTINGS AND FOUNDATION WALLS BASED ON SITE RELATED FINISHED GRADE, IF NECESSARY. FOOTING STEPS ARE TO BE A MAXIMUM OF (2) VERTICALLY TO (1) HORIZONTALLY.
 - D. ALL SLABS SHALL HAVE REINFORCING PER PLANS & CONTROL JOINTS @ 10'-0" SPACING MAX.
 - E. ALL STRUCTURAL FILL BELOW FOOTINGS SHALL EXTEND OUT PAST FOOTINGS AT A SLOPE OF 1 HORIZONTAL TO 2 VERTICAL TO COMPETENT SOILS.
 - F. PROVIDE ADEQUATE DRAINAGE BEHIND ALL WALLS TO ALLEVIATE ANY STANDING WATER.
 - G. ALL CONCRETE PAD & APRON LOCATIONS TO BE SECURED TO FOUNDATION WITH #4 DOWELS @ 24" O.C. EXTEND EXPOSED SIDES A MINIMUM OF 24" BELOW FINISHED GRADE.
 - H. MINIMUM CONCRETE SLAB DEPTH IS 4".

2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

THE PROPOSED BUILDING HAS BEEN DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE

CLIMATE ZONE	TABLE N1102.1.1 (MA2.1.1)					
	WINDOW U-FACTOR	CEILING R-VALUE	ROOF R-VALUE	FLOOR R-VALUE	WALL R-VALUE	CEILING SPACE WALL R-VALUE
5	0.31	30	20 OR 13+8	30	10.2 FT	10/11

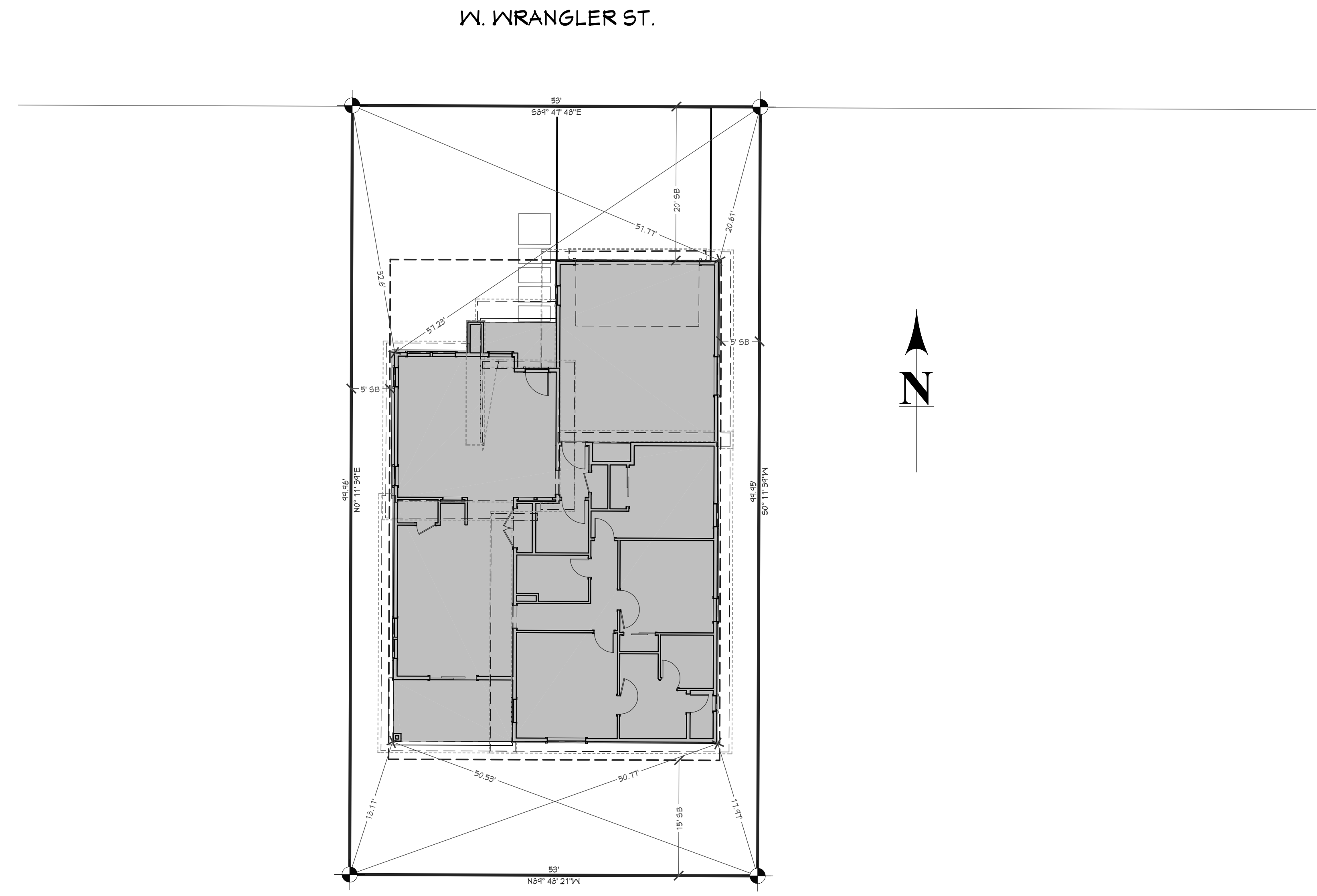
LIVING SPACE 1749 sq. ft.
GARAGE 489 sq. ft.
COVD PORCH/DECK 181 sq. ft.



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SUMMERTOWN SUBDIVISION LOT #4 - SCALE: 1" = 10'-0"

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3 BDRM - 2 BATH FOR ROBBETT
SUMMERTOWN SUB LOT #4 MERIDIAN, ID

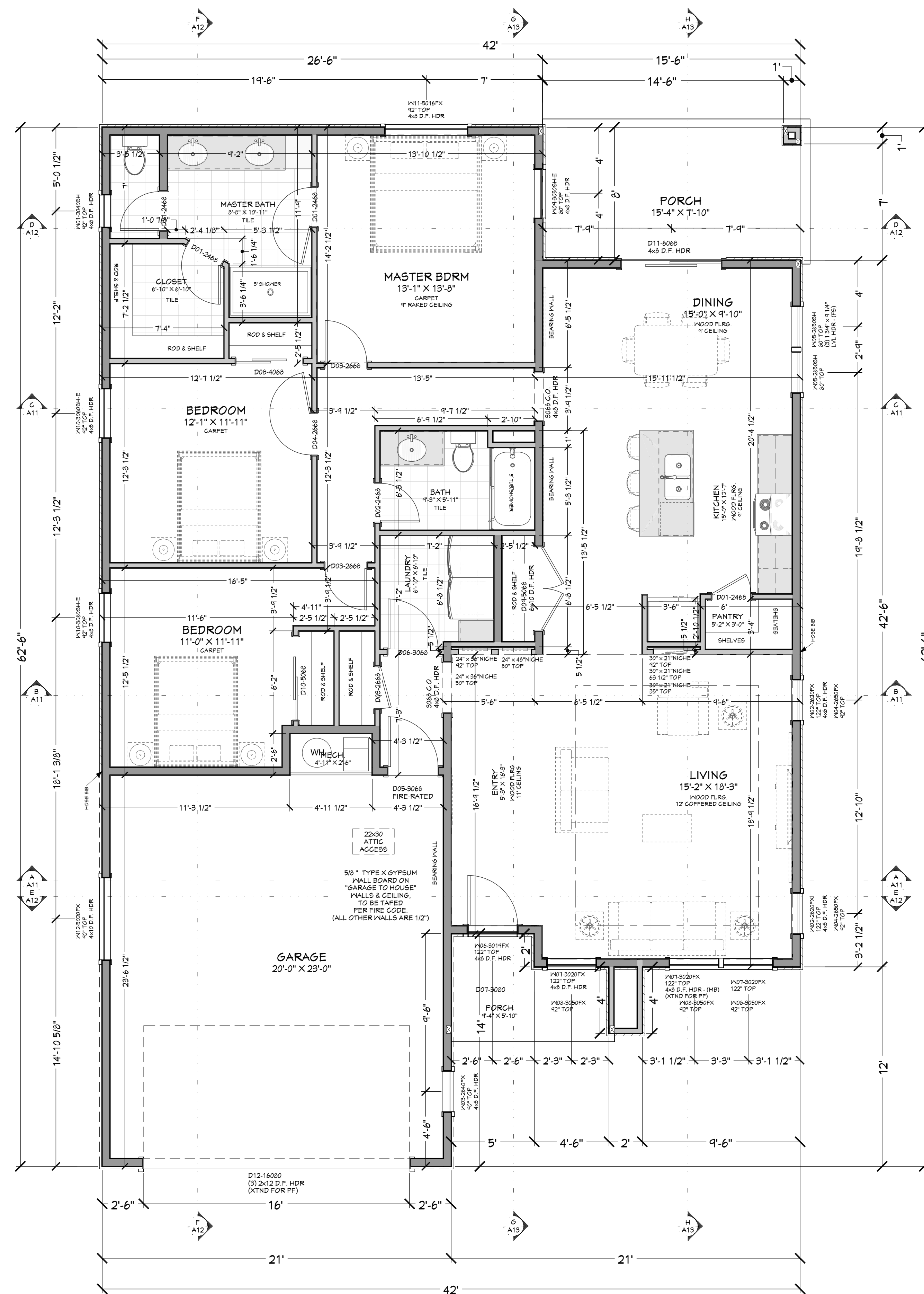
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SHEET SIZE:
ARCH D (24" x 36")

INITIAL DATE: 6/17/2024
PRINT DATE: 7/30/2024

DRAWN BY:
Steve

FLOOR PLAN - 1ST LEVEL



WINDOW/DOOR LABEL LEGEND

NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	WINDOW SCHEDULE	DESCRIPTION	COMMENTS	CALC #	NUMBER
W01	1		2040SH	24"	48"		SINGLE HUNG			W01
W02	2		2620FX	30"	24"		FIXED GLASS			W02
W03	1		2640FX	30"	48"		FIXED GLASS			W03
W04	2		2650FX	30"	60"		FIXED GLASS			W04
W05	2		2650SH	30"	60"		SINGLE HUNG		5	W05
W06	1		3019FX	36"	24"		FIXED GLASS			W06
W07	3		3020FX	36"	24"		FIXED GLASS			W07
W08	3		3050FX	36"	60"		FIXED GLASS			W08
W09	1		3050SH	36"	60"	YES	SINGLE HUNG			W09
W10	2		3060SH	36"	72"	YES	SINGLE HUNG			W10
W11	1		5016FX	60"	18"		FIXED GLASS			W11
W12	1		5020FX	60"	24"		FIXED GLASS		2	W12

NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	DOOR SCHEDULE	DESCRIPTION	COMMENTS	CALC #	NUMBER
D01	4		2468 L IN	28"	80"		HINGED			D01
D02	1		2468 R IN	28"	80"		HINGED			D02
D03	3		2668 L IN	30"	80"		HINGED			D03
D04	1		2668 R IN	30"	80"		HINGED			D04
D05	1		3068 L FX	36"	80"		HINGED	YES		D05
D06	1		3068 L IN	36"	80"		HINGED			D06
D07	1		3080 L FX	36"	96"		HINGED			D07
D08	1		4068 R IN	48"	80"		SLIDER			D08
D09	1		5068 L/R IN	60"	80"		DOUBLE HINGED		3	D09
D10	1		5068 R IN	60"	80"		SLIDER			D10
D11	1		6068 R FX	72"	80"		SLIDER			D11
D12	1		16080	192"	96"		GARAGE			D12

MAIN LEVEL NOTES:
ALL ANGLE 45° UNO
2x6 EXT. WALLS @ 16" O.C.
9'-1 1/8" PLATE HEIGHT UNO
ALL PARTITION DIMENSIONS ARE TO FACE OF STUD

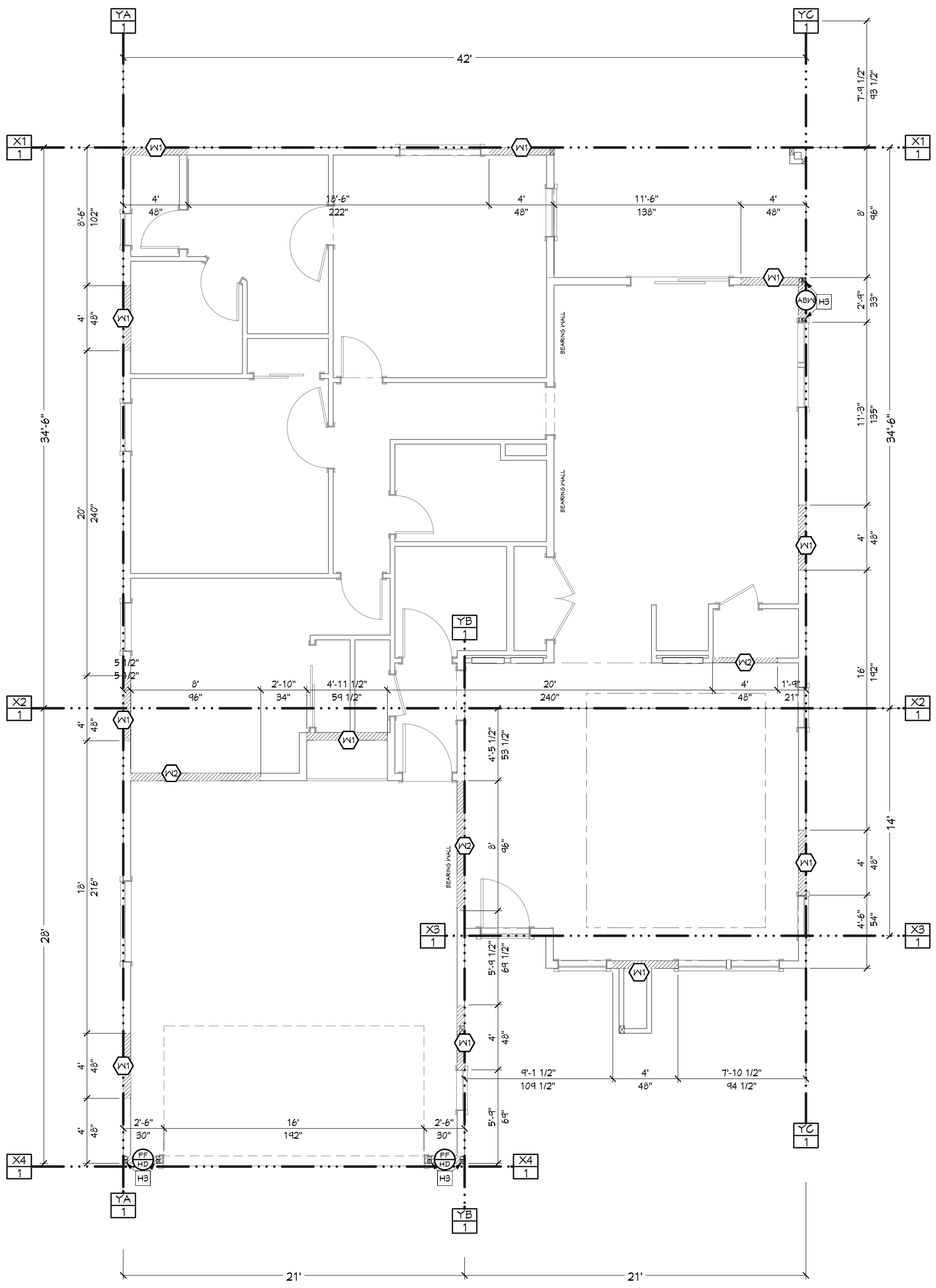
LIVING SPACE	1749	sq. ft.
GARAGE	489	sq. ft.
COVD PORCH/DECK	181	sq. ft.

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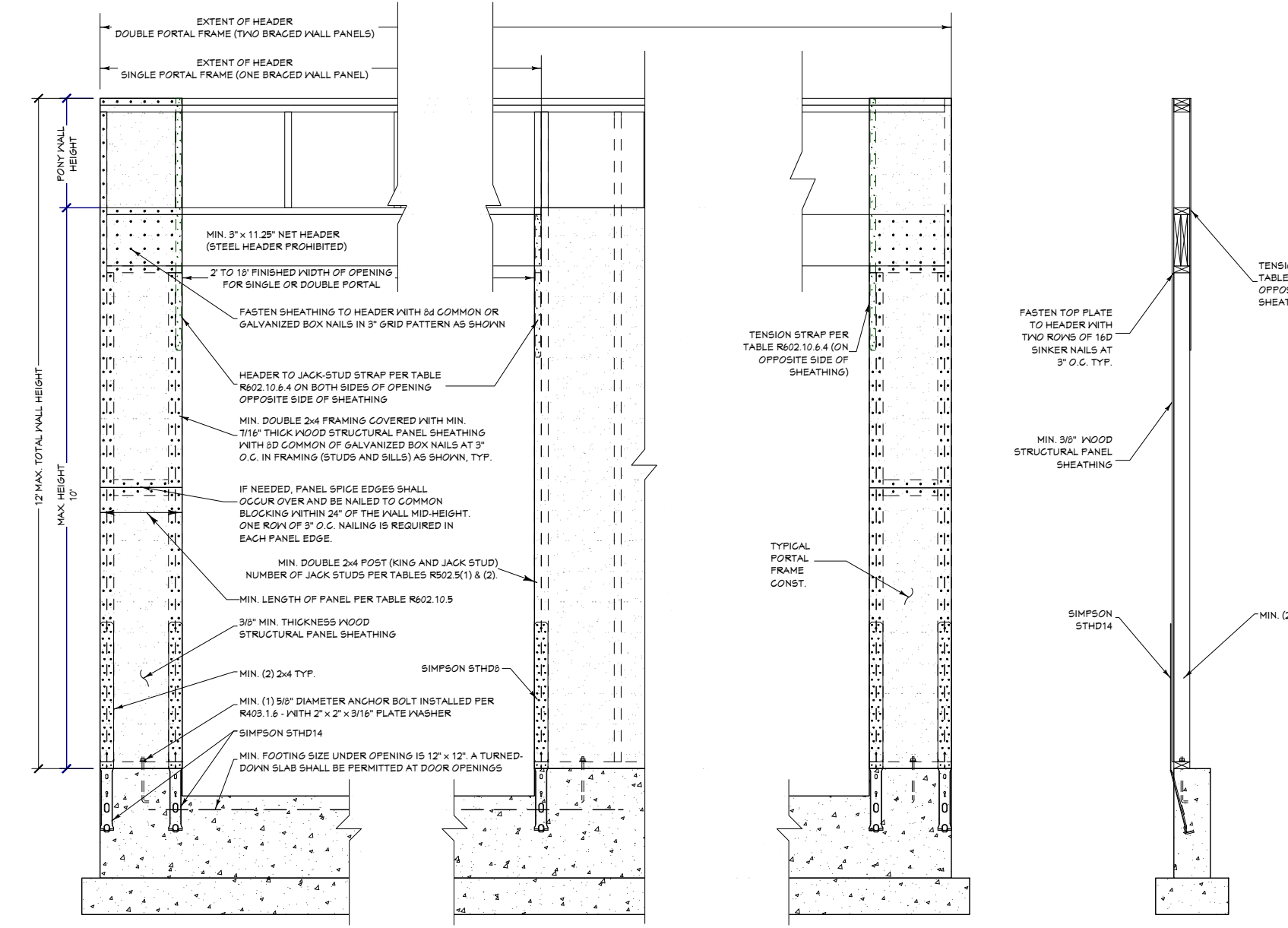
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WALL BRACING - 1ST LEVEL



WALL BRACING PLAN - 1ST LEVEL
1/4 IN = 1 FT



PORTAL FRAME DETAIL
3/8 IN = 1 FT

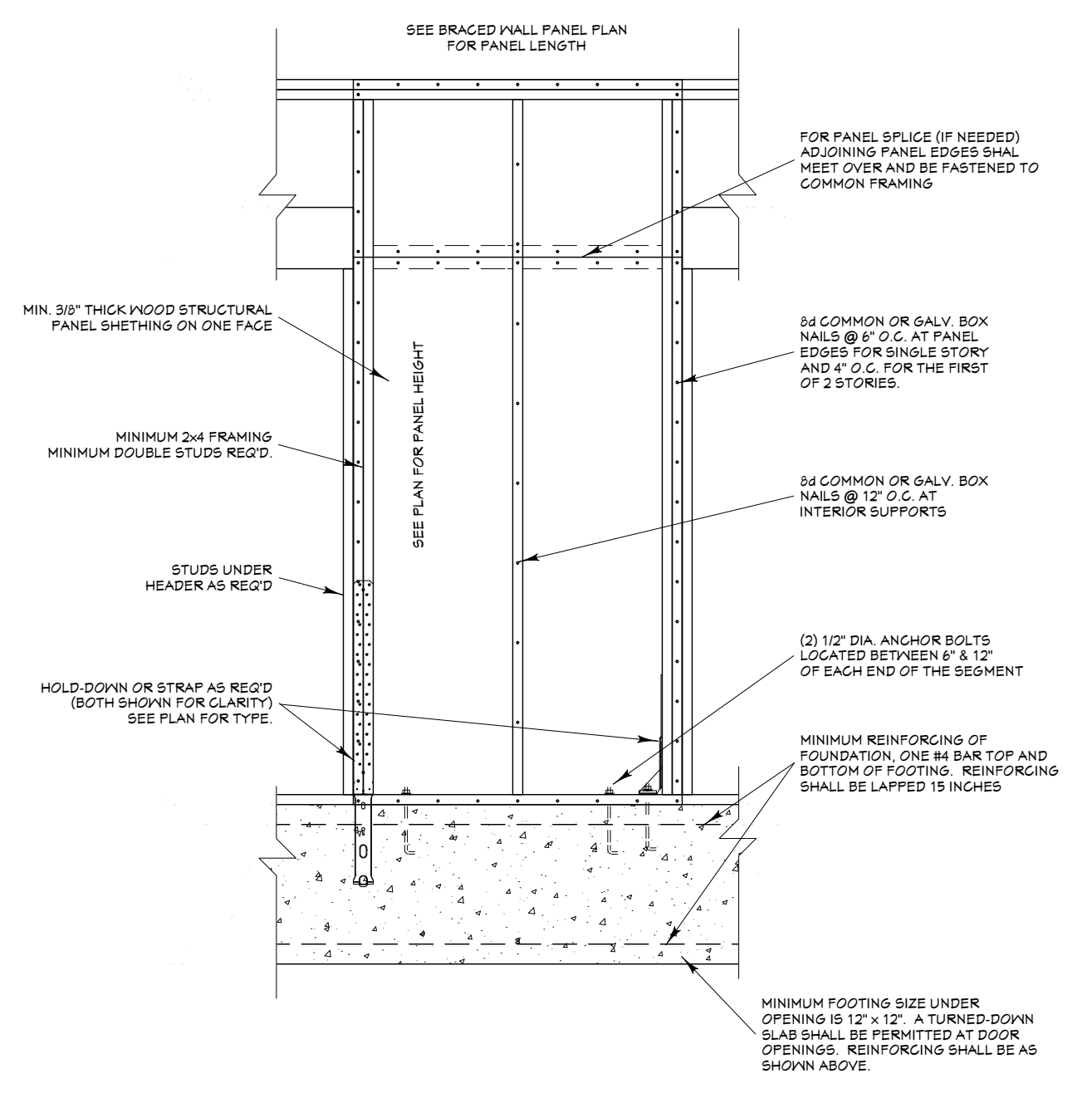
CALLOUT	STRAP TYPE	HOLD-DOWN SCHEDULE	FASTENERS	BOF STUDS
H3	5TH14 (RJ WHERE APPLICABLE)	(30) 16D SINKERS		2

BRW	METHOD	FASTENERS
V1	WSP	1 1/2\"/>
V2	GB	W54 COOLER NAILS @ 4\"/>
ABW	ABW	SEE ALTERNATE BRACED WALL DETAIL
PFHD	PFHD	SEE PORTAL FRAME DETAIL

WALL LINE	WIND FACTORS	WIND BRACING AMOUNT	SEISMIC FACTORS	SEISMIC BRACING AMOUNT	REQUIRED BRACING	QUALIFIED BRACING
1st LEVEL						
1	1.36	8.4	EXEMPT	EXEMPT	8.4	12
2	1.36	14.76	EXEMPT	EXEMPT	14.76	16.92
3	1.36	3.54	EXEMPT	EXEMPT	3.54	4
4	1.36	6.94	EXEMPT	EXEMPT	6.94	8
A	1.22	9.03	EXEMPT	EXEMPT	9.03	12
B	1.22	8.3	EXEMPT	EXEMPT	8.3	12
C	1.22	9.03	EXEMPT	EXEMPT	9.03	12

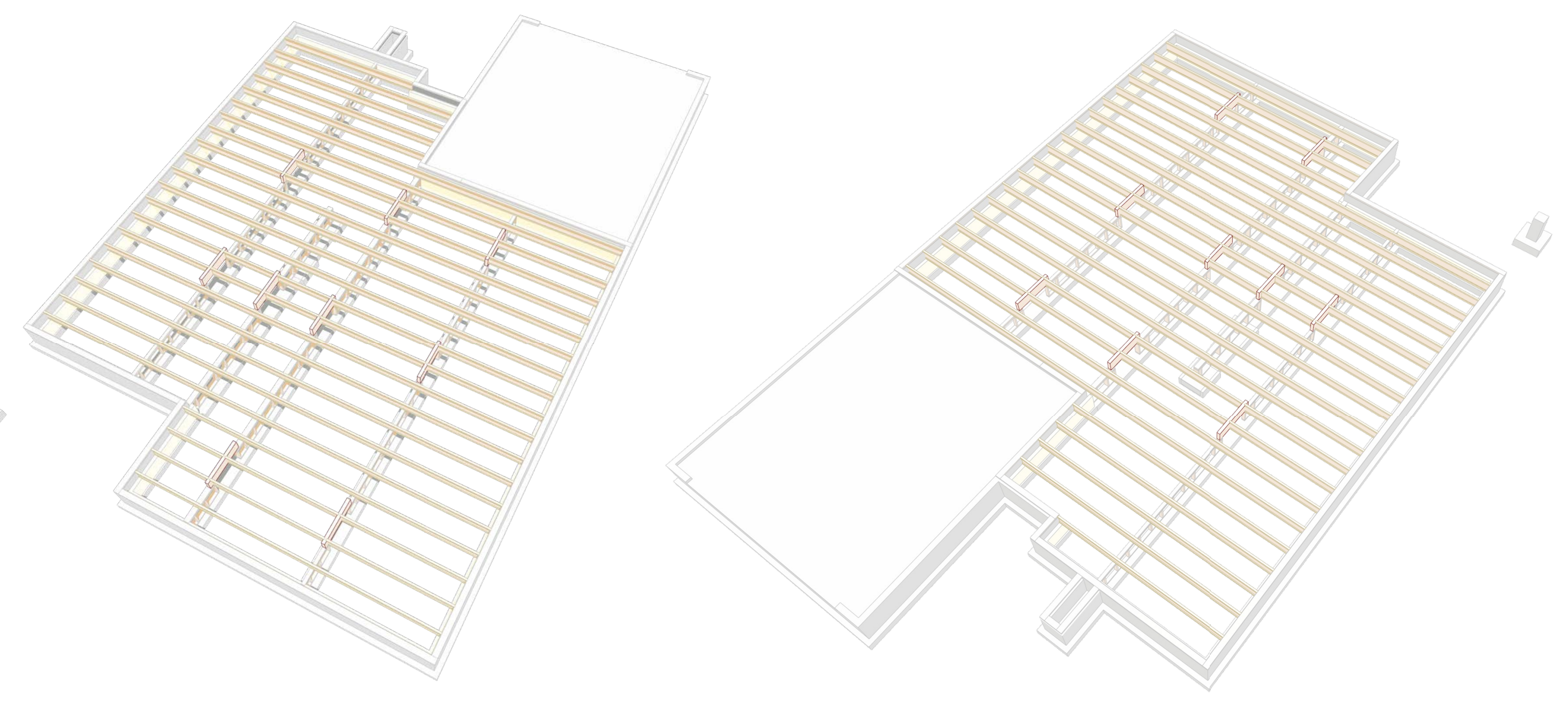
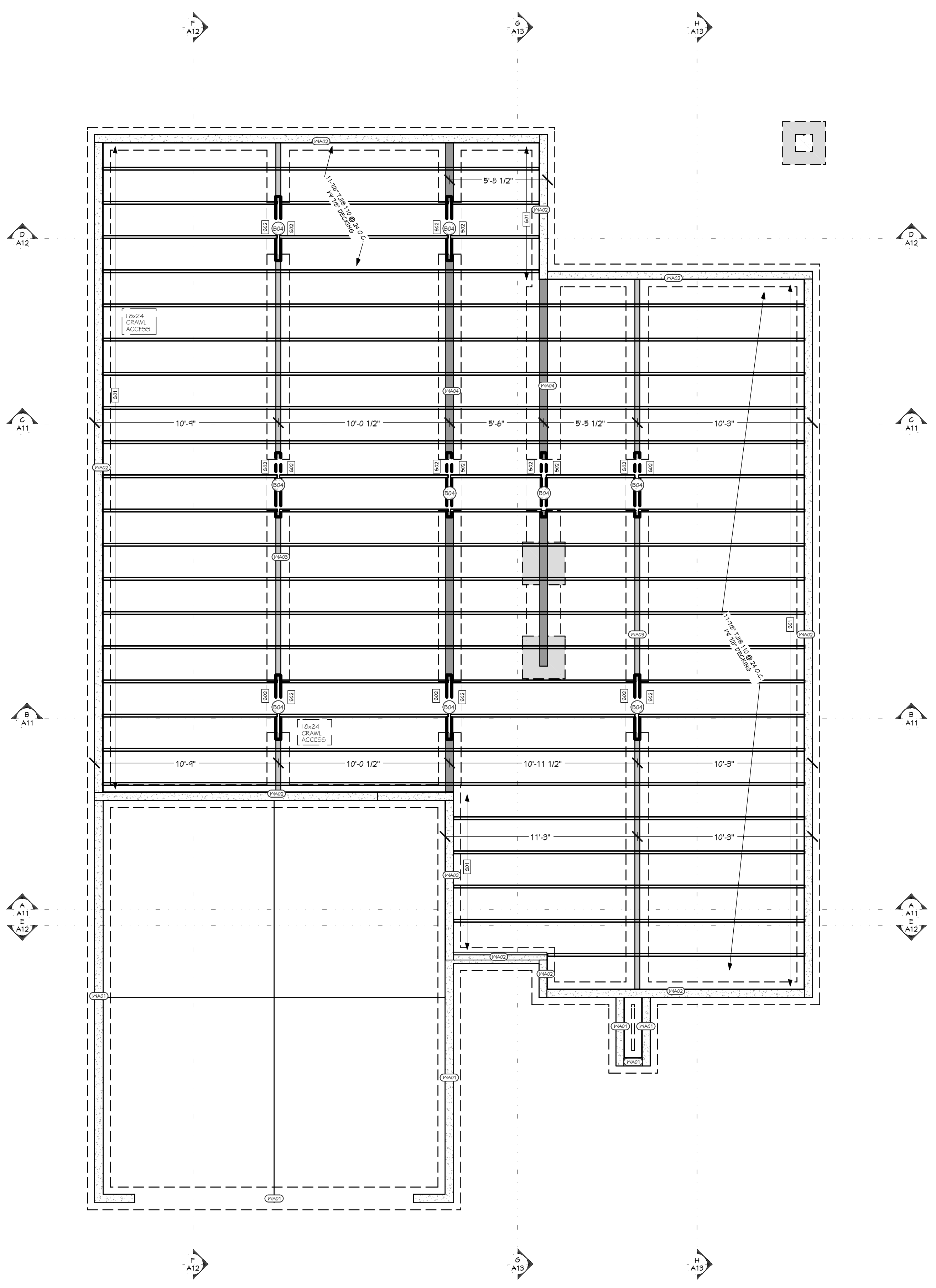
* ADJUSTMENT CALCULATION METHOD:

$$\text{REQUIRED BRACING LENGTH (FT)} \times \text{EXPOSURE FACTOR (FTNT: b)} \times \text{ROOF TO EAVE TOTAL (FTNT: c)} \times \text{WALL HEIGHT TOTAL (FTNT: d)} \times \text{NUMBER BRACED LINES (FTNT: e)} = \text{REQUIRED BRACING LENGTH (FT)}$$



ALTERNATE BRACED WALL DETAIL
1/2 IN = 1 FT

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FLOOR FRAMING - 1ST LEVEL - REAR

FLOOR FRAMING - 1ST LEVEL - FRONT

WALL SCHEDULE	
NUMBER	WALL TYPE(S)
WA01	6" CONCRETE STEM WALL
WA02	6" CONCRETE STEM WALL - INSULATED
WA03	FRAME-3/12
WA04	FRAME-5/12

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	BEAT	MEMBER NAILS	FACE NAILS
B01	1T51 5/8x11.5	N/A	2.09"	2-STRONG-GRIP	(10) 10D X 1.5"
B02	1U51 5/8x11.5	N/A	2.09"	2-STRONG-GRIP	(10) 10D X 1.5"

BEARING SCHEDULE	
NO.	BEARING AREA (X)
X01	3" X 5 1/2"
X02	3" X 5 1/2"
X03	3 1/2" X 5 1/2"

HEADER SCHEDULE	
NO.	TYPE
H01	(1) 4X8 D.F.
H02	(1) 4X10 D.F.
H03	(1) 6X10 D.F.
H04	(3) 1 3/4" X 5 1/4" LVL
H05	(3) 2X12 D.F.

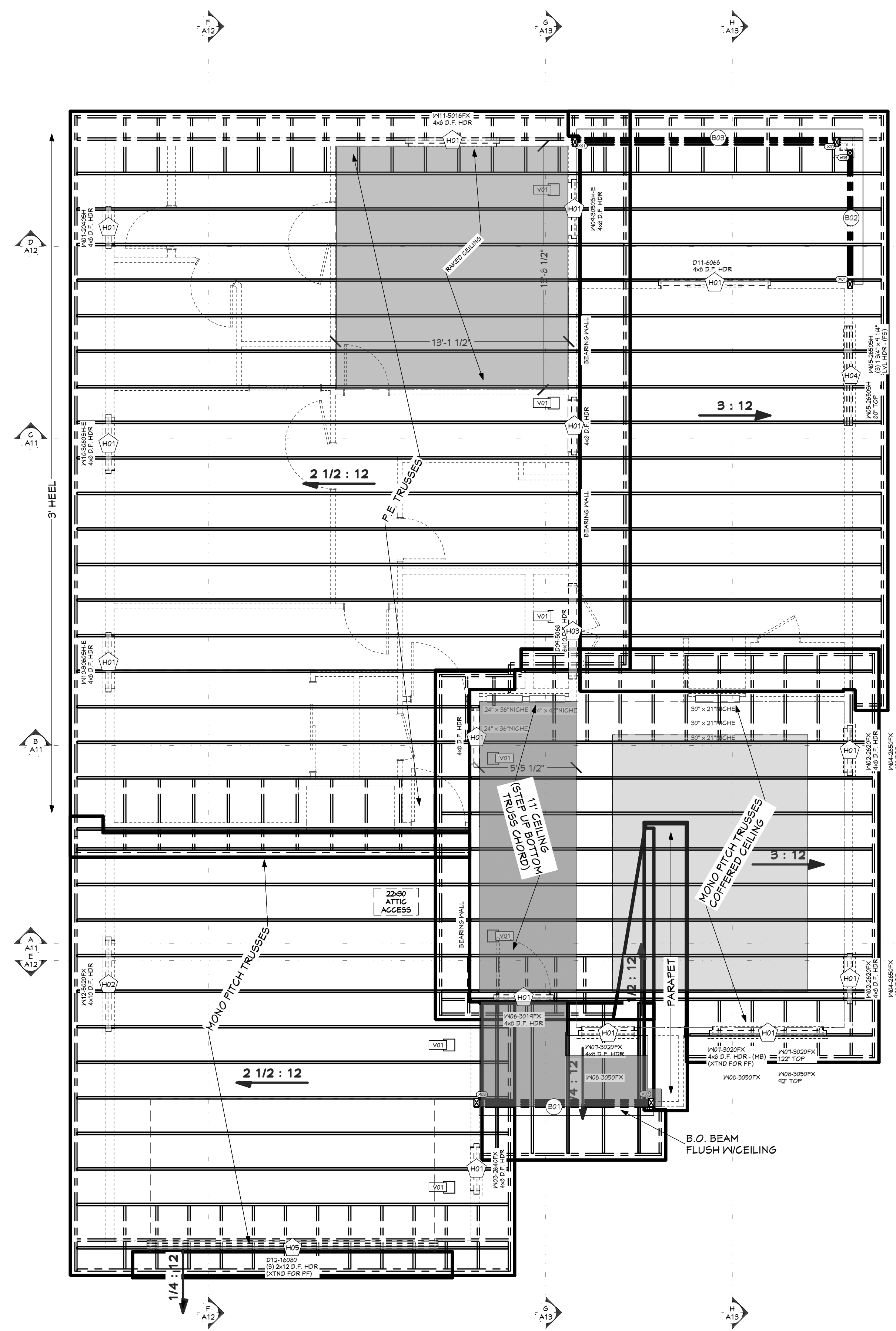
BEAM SCHEDULE						
NO.	FLR.	PLY(S)	NOTES	CTR. LG +/-	MIN BRG	T.O. BEAM
B01	1	3	(B-01) 2X10 D.F. #2	10'-1"		12'-4 3/8"
B02	1	2	(B-02) 2X10 D.F. #2	7'-7"		9'-1 1/8"
B03	1	3	(B-03) 2X10 D.F. #2	19'-0 1/2"		9'-3 7/8"
B04	0	4	(B-04CS) 4X12 D.F. #2 (CRANL SPACE HDRS)	9'-9"		1'-0 3/4"

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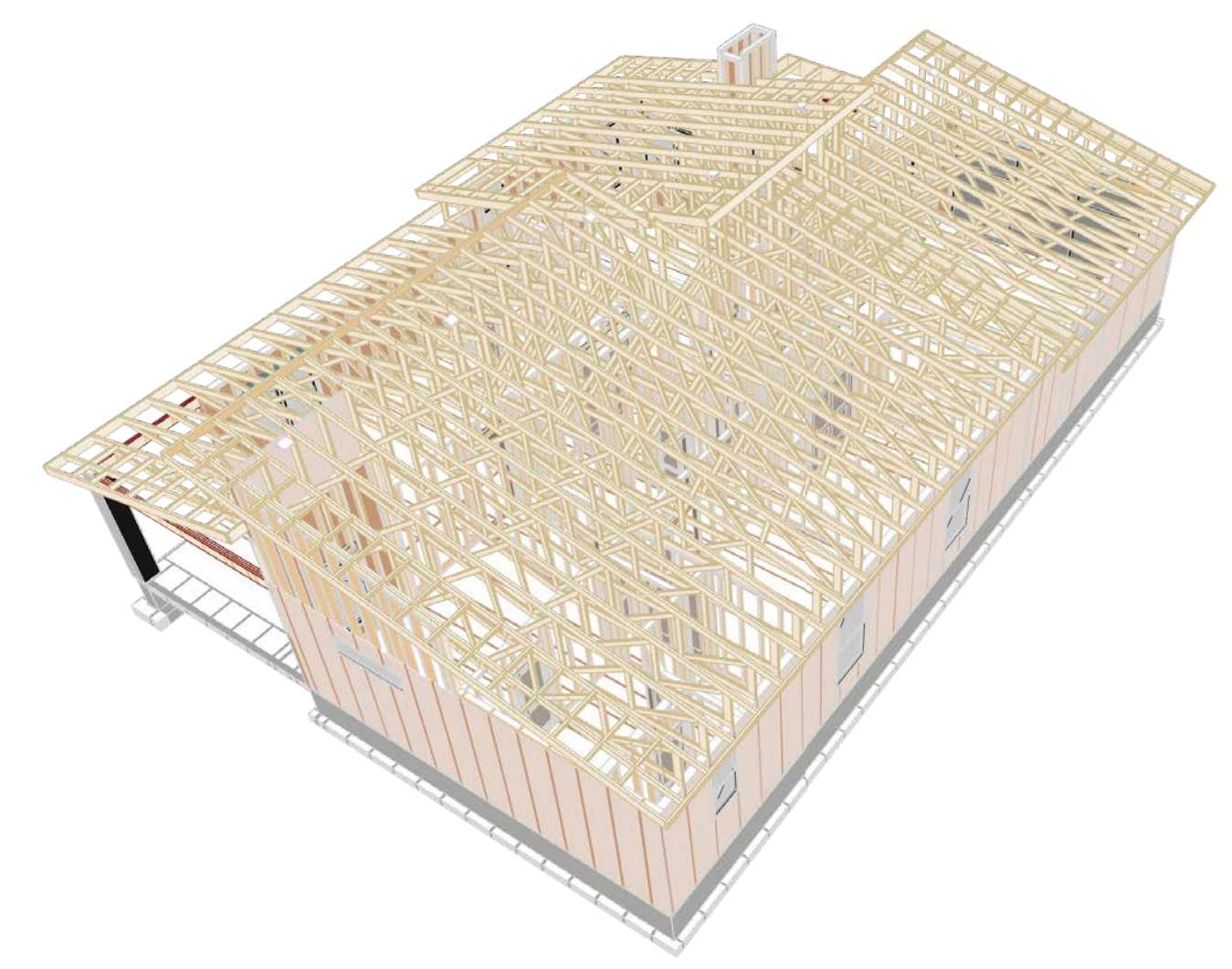
FLOOR FRAMING - 1ST LEVEL
1/4 IN = 1 FT

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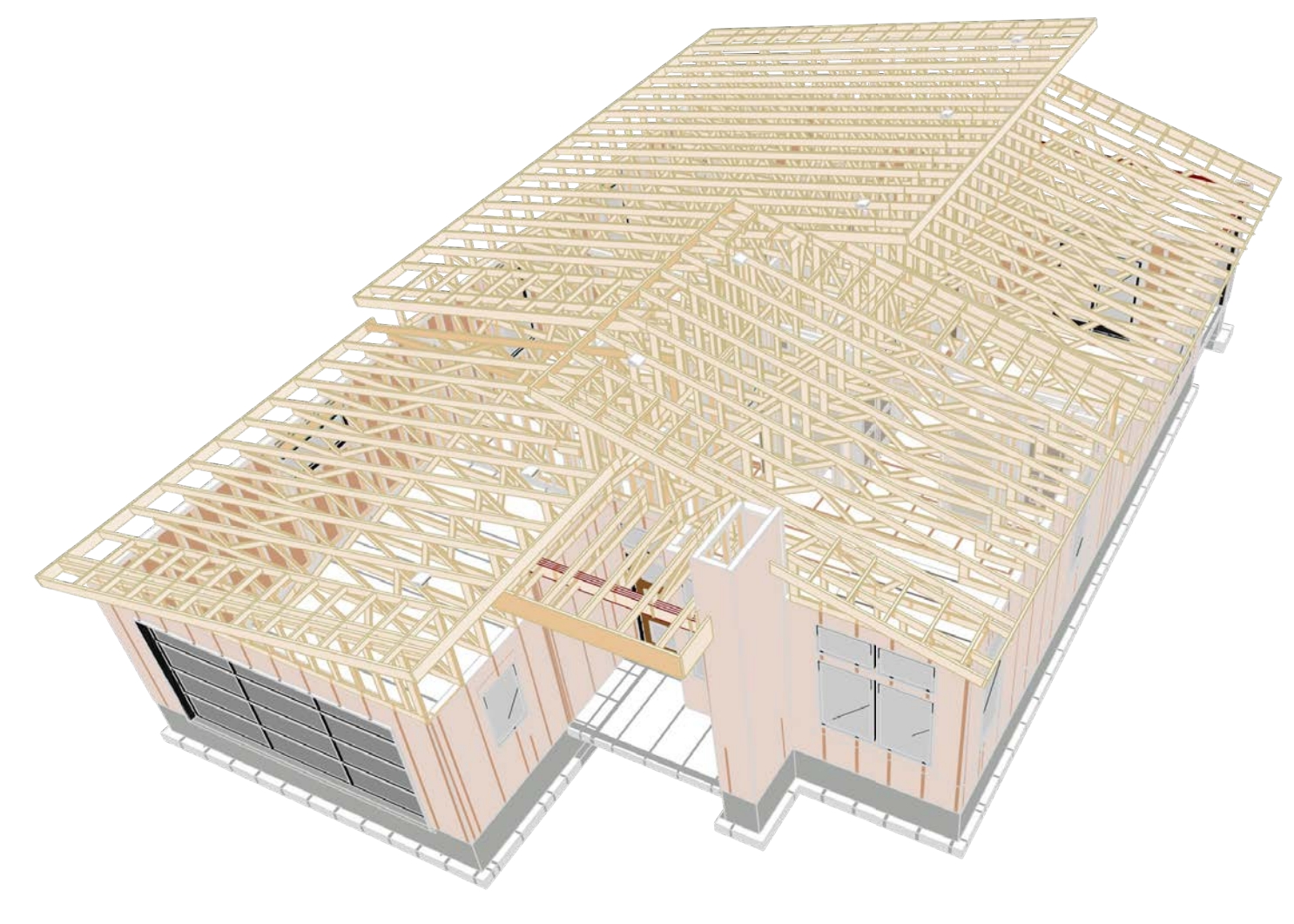
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ROOF LAYOUT - 1ST LEVEL
1/4 IN = 1 FT



ROOF FRAMING- 1ST LEVEL - REAR



ROOF FRAMING- 1ST LEVEL - FRONT

PROVIDED VENTING

2495 Sq. Ft.
1100 Sq. In.
10 VENTS @ 45 SQ. IN. EA.
50% INTAKE (SOFFIT VENTS)
50% EXHAUST (RIDGE VENT)
50% EXHAUST (WITHIN 3'-0\"/>

CALLOUT	MODEL	HANGER SCHEDULE			
		TOP NAILS	SEAT LG	MEMBER NAILS	FACE NAILS
B01	IT31-8811-B8	N/A	2-00"	2-STRONG-GRIP	(1) 10D X 1 3/4"
B02	IV31-0111-B8	N/A	2-00"	2-STRONG-GRIP	(1) 10D X 1 3/4"

HEADER SCHEDULE	
NO.	TYPE
H01	(1) 4X8 D.F.
H02	(1) 4X10 D.F.
H03	(1) 6X10 D.F.
H04	(3) 1 3/4\"/>

ROOF FRAMING NOTES:
ALL EAVE OVERHANGS 24\"/>

NO.	FLR	PLY(S)	NOTES	BEAM SCHEDULE				
				CTR LG +/-	MIN BRG	T.O. BEAM	B.O. BEAM	CALC #
B01	1	3	(B-01) 2X10 D.F. #2	10'-1"		12'-4 3/8"	11'-1 1/8"	1
B02	1	2	(B-02) 2X10 D.F. #2	7'-0"		4'-1 1/8"	8'-3 7/8"	2
B03	1	3	(B-03) 2X10 D.F. #2	15'-0 1/2"		4'-1 1/8"	8'-3 7/8"	3
B04	0	4	(B-04C) 4X12 D.F. #2 (CRAM'L SPACE HDRS)	9'-4"		-0'-1 1/2"	-1'-0 3/4"	4GB

ROOF VENTS		
NUMBER	QTY	CAPACITY
V01	7	ROOF VENT

BEARING SCHEDULE		
NO.	BEARING AREA (X)	
X01	3\"/>	

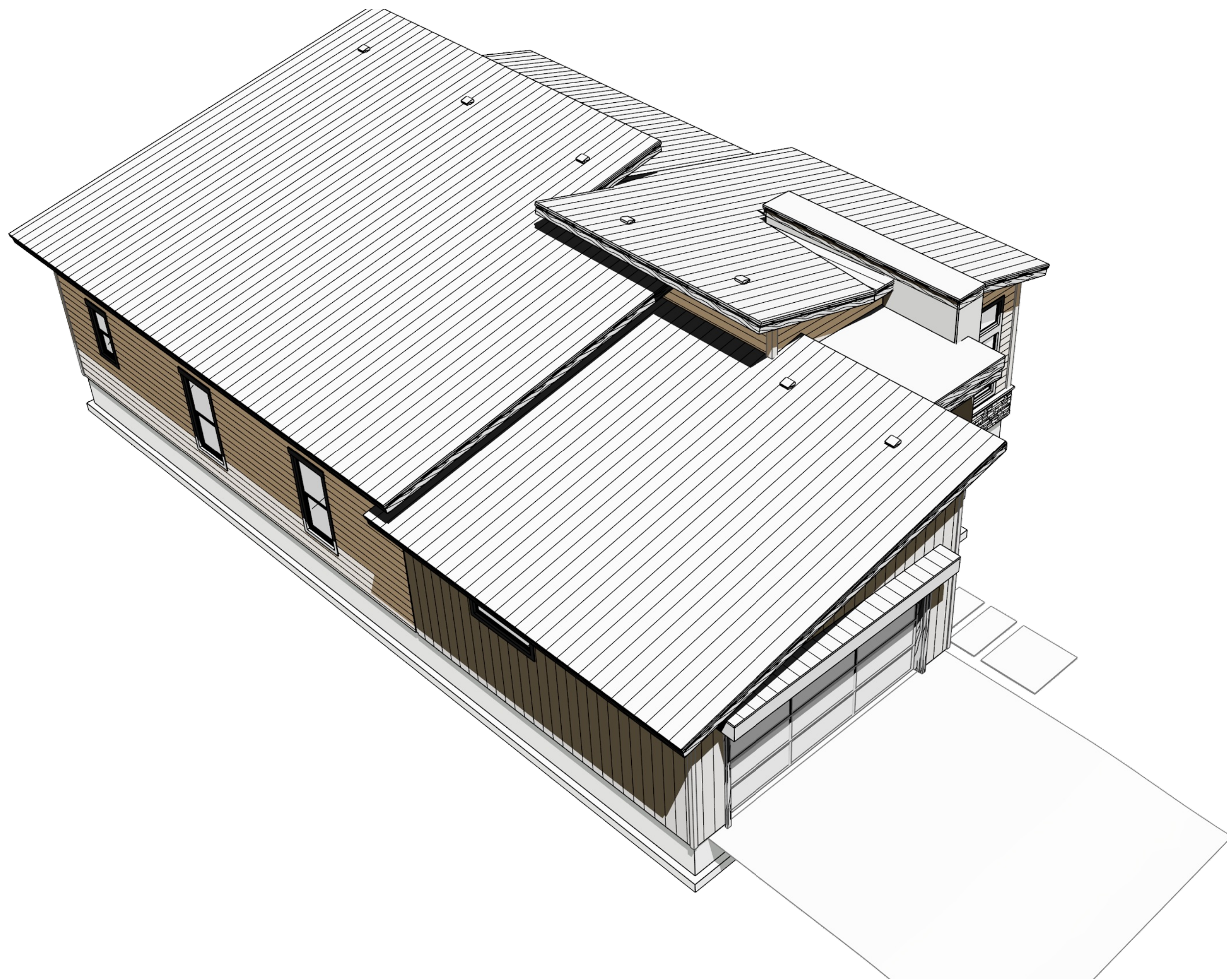
ROOF MATERIALS

RIDGE CAP	12 Ft
VALLEY FLASHING	46 Ft
90 DEG. FLASHING	94 Ft
BEND TO SLOPE FLASHING	3349 Sq. Ft.
METAL ROOFING	96 Ea
OSB	189 Ft
EAVE FASCIA	264 Ft
DRIP EDGE	452 Ft

PAGE	TITLE
A1	COVER SHEET
A2	SITE PLAN
A3	FLOOR PLAN - 1ST LEVEL
A4	FOUNDATION
A5	WALL BRACING - 1ST LEVEL
A6	FLOOR FRAMING - 1ST LEVEL
A7	ROOF LAYOUT - 1ST LEVEL
A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

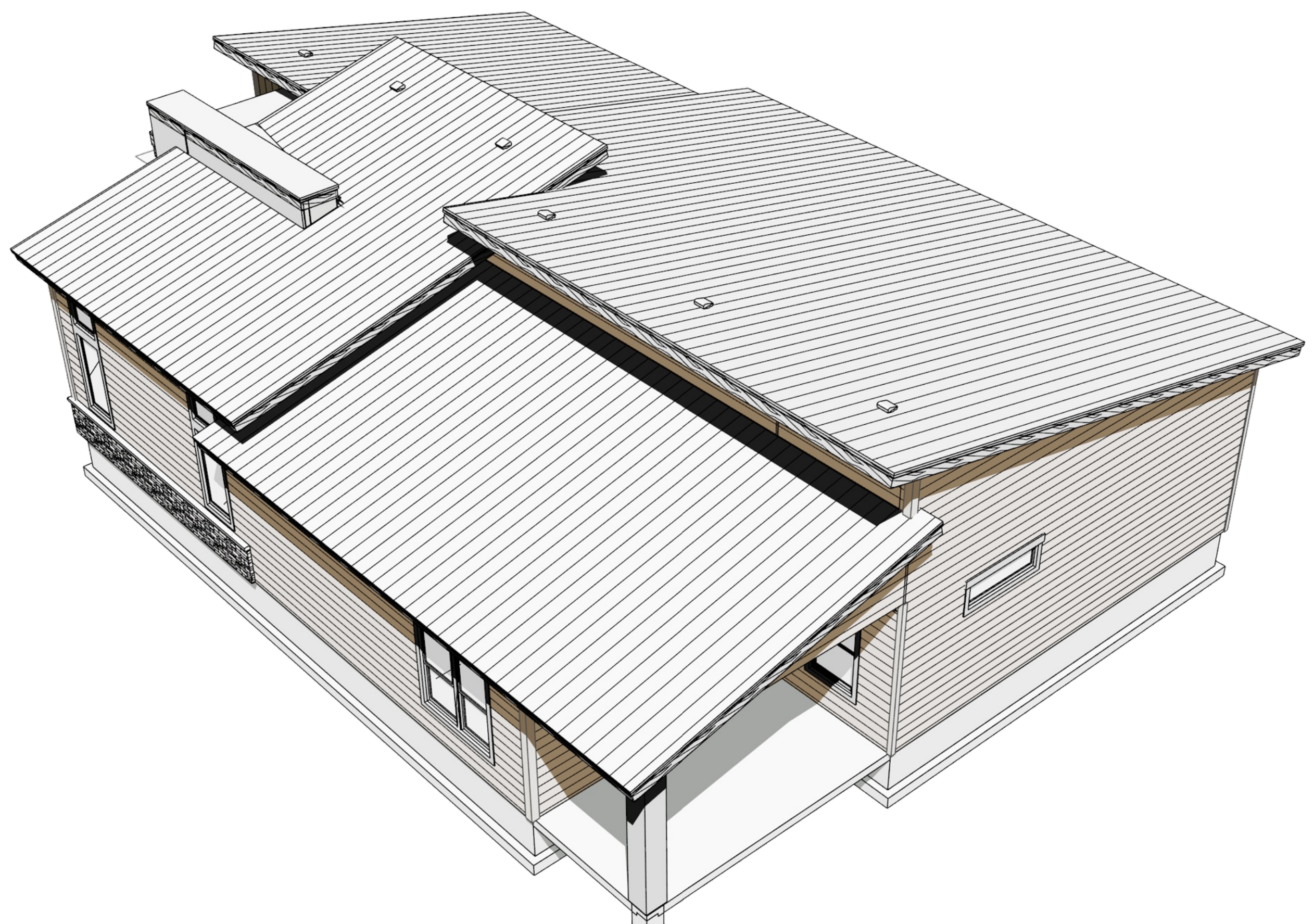
ROOF OVERVIEWS



ROOF OVERVIEW - FRONT LEFT



ROOF OVERVIEW - FRONT RIGHT

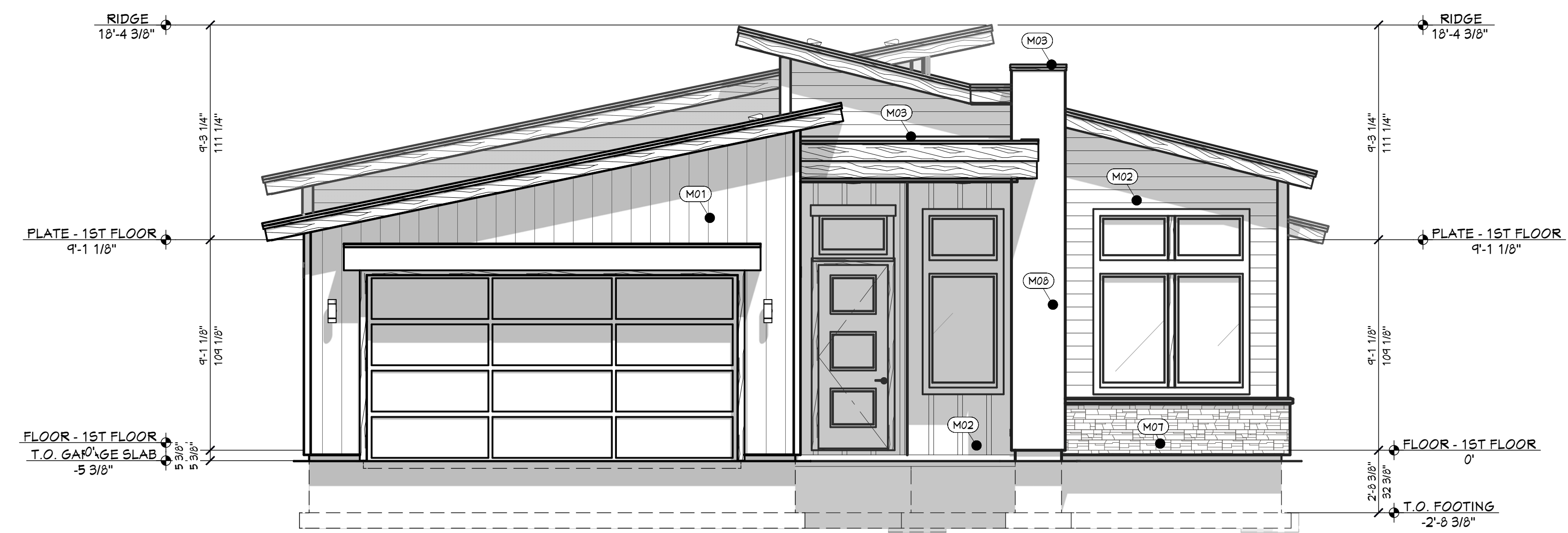


ROOF OVERVIEW - REAR LEFT



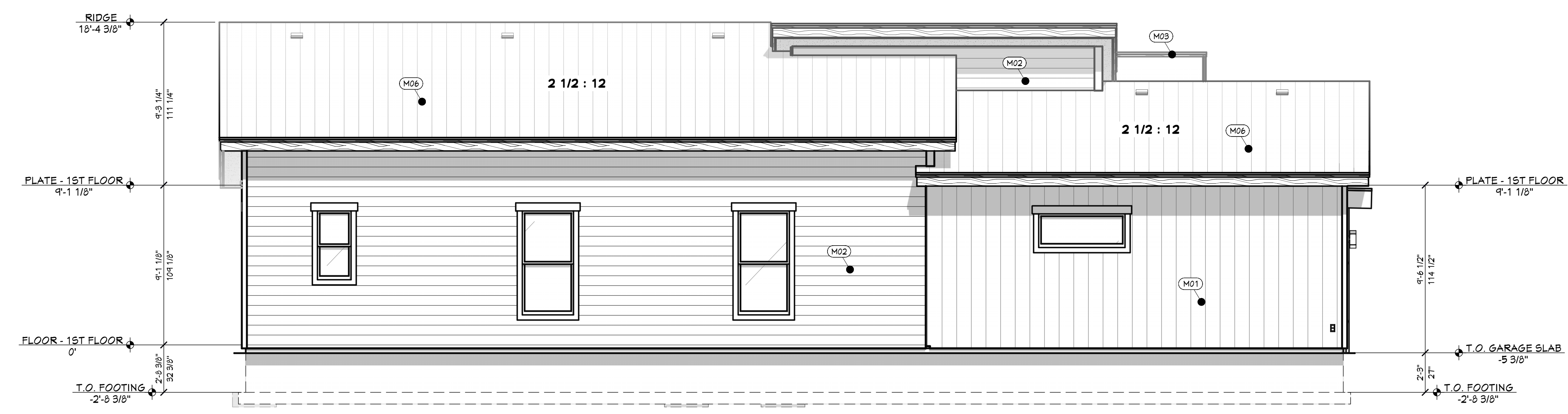
ROOF OVERVIEW - REAR RIGHT

SHEET INDEX	
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A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL



FT FRONT ELEVATION
1/4 IN = 1 FT

EXTERIOR MATERIALS	
CALLOUT	DESCRIPTION
(M01)	STANDING SEAM METAL SIDING
(M02)	BOARD & BATTEN SIDING
(M03)	MEMBRANE ROOFING
(M06)	SQUARE STANDING SEAM METAL ROOFING
(M07)	STONE VENEER
(M08)	STUCCO



LT LEFT ELEVATION
1/4 IN = 1 FT

SHEET INDEX	
PAGE	TITLE
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A2	SITE PLAN
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A4	FOUNDATION
A5	WALL BRACING - 1ST LEVEL
A6	FLOOR FRAMING - 1ST LEVEL
A7	ROOF LAYOUT - 1ST LEVEL
A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL

3 BDRM - 2 BATH FOR ROBNETT
SUMMERTOWN SUB LOT #4 MERIDIAN, ID

SHEET SIZE:
ARCH D (24" x 36")

INITIAL DATE: 6/17/2024
PRINT DATE: 7/30/2024

DRAWN BY:
Steve

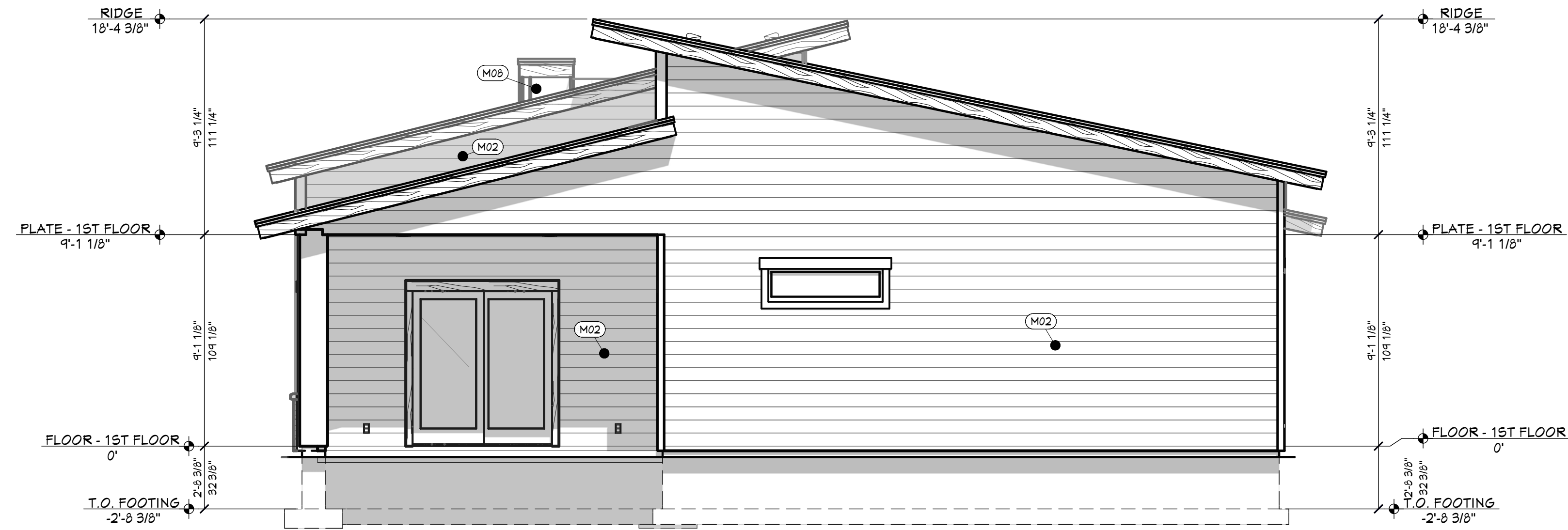
ELEVATIONS

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SHEET NUMBER
A9
PAGE 9 OF 14

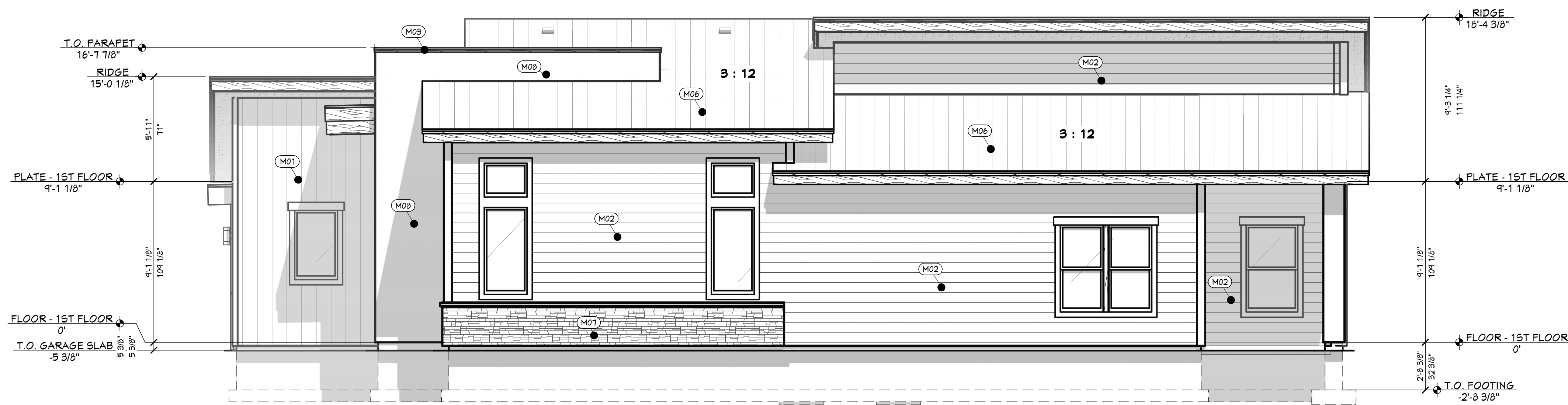
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RE REAR ELEVATION
1/4 IN = 1 FT

EXTERIOR MATERIALS	
CALLOUT	DESCRIPTION
(M01)	STANDING SEAM METAL SIDING
(M02)	BOARD & BATTEN SIDING
(M03)	MEMBRANE ROOFING
(M06)	SQUARE STANDING SEAM METAL ROOFING
(M07)	STONE VENEER
(M08)	STUCCO



RT RIGHT ELEVATION
1/4 IN = 1 FT

SHEET INDEX	
PAGE	TITLE
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A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL

SHEET SIZE:
ARCH D (24" x 36")

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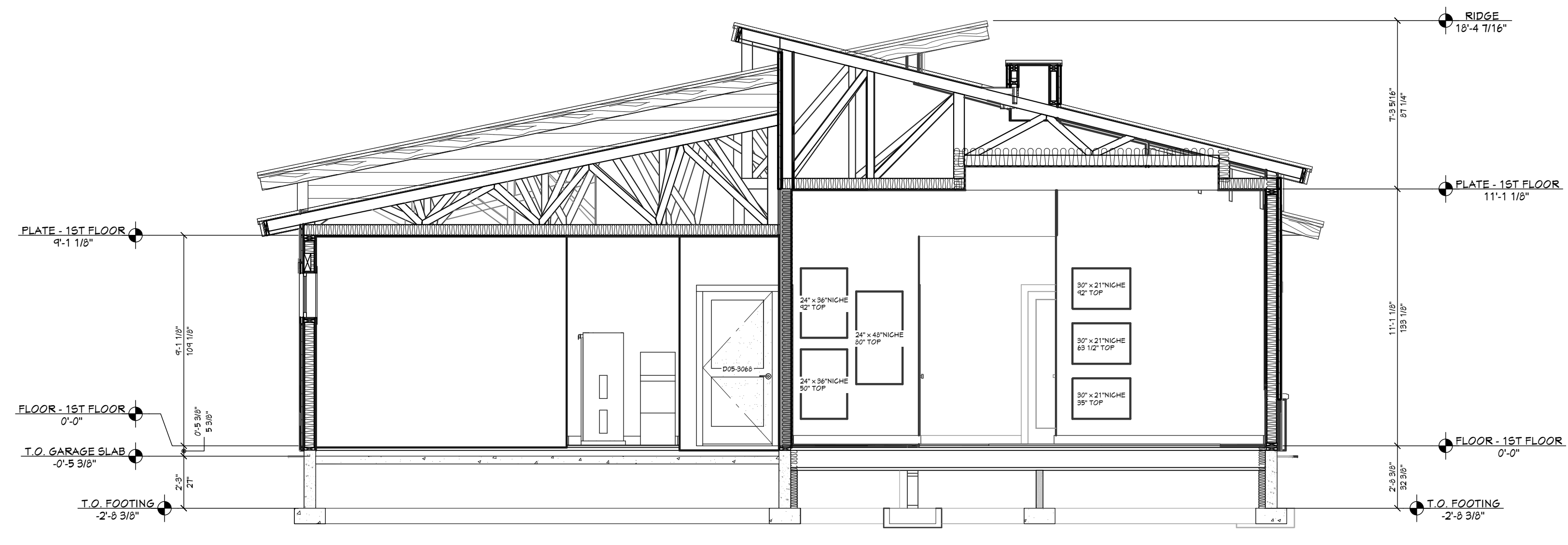
ELEVATIONS

SHEET NUMBER

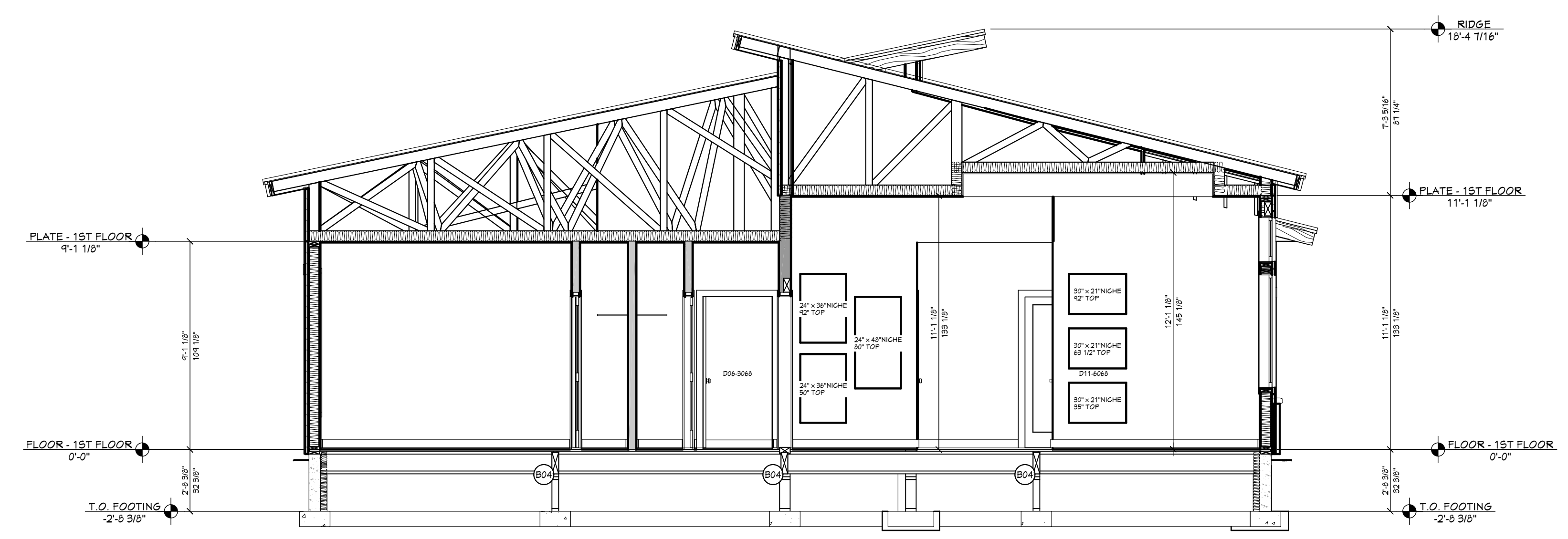
A10
PAGE 10 OF 14

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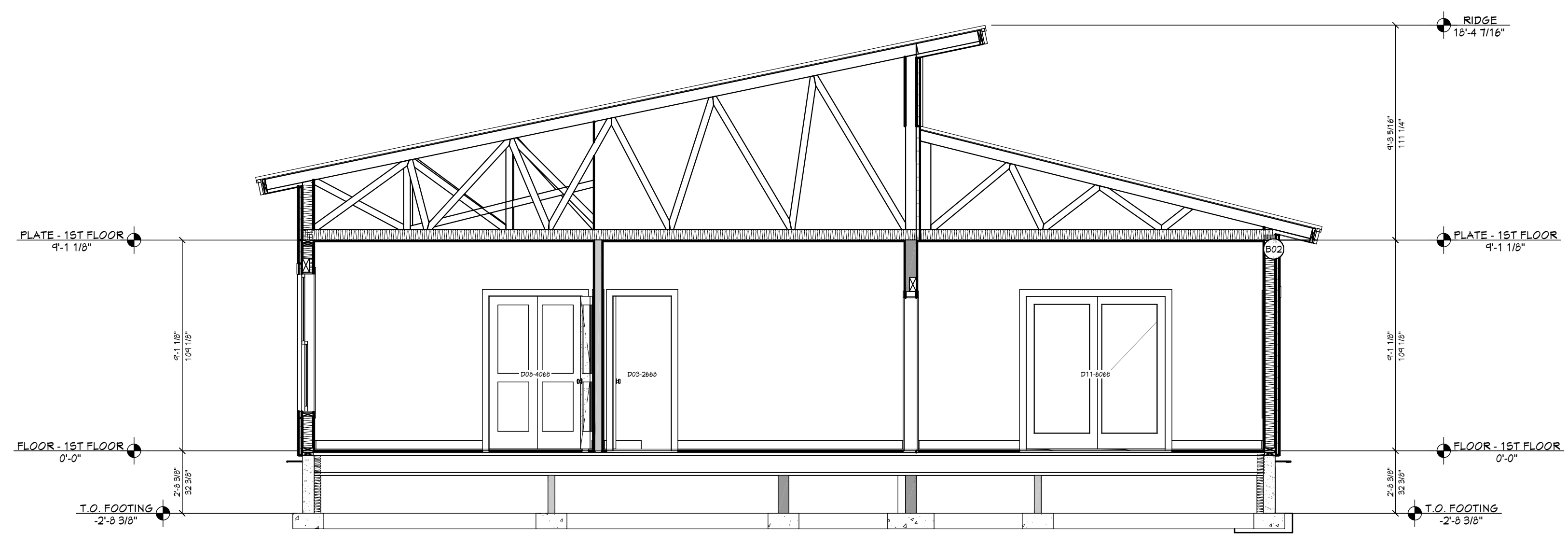
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A VIEW A - A
1/4 IN = 1 FT



B VIEW B - B
1/4 IN = 1 FT



C VIEW C - C
1/4 IN = 1 FT

BEAM SCHEDULE								
NO	FLR	PLY(S)	NOTES	GTR LG +/-	MIN BRG	T/O BEAM	B/O BEAM	CALC #
B01	1	3	(B-01) 2X10 D.F. #2	10'-1"		12'-4 3/8"	11'-1 1/8"	1
B02	1	2	(B-02) 2X10 D.F. #2	7'-7"		4'-1 1/8"	3'-3 7/8"	2
B03	1	3	(B-03) 2X10 D.F. #2	13'-0 1/2"		4'-1 1/8"	3'-3 7/8"	3
B04	0	4	(B-04C5) 4X12 D.F. #2 (CRANWL SPACE HDRS)	3'-4"		-0'-1 1/2"	-1'-0 3/4"	4CS

HEADER SCHEDULE	
NO	TYPE
H01	(1) 4X8 D.F.
H02	(1) 4X10 D.F.
H03	(1) 6X10 D.F.
H04	(3) 1 3/4 X 4 1/4 LVL
H05	(3) 2X12 D.F.

SHEET INDEX	
PAGE	TITLE
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A2	SITE PLAN
A3	FLOOR PLAN - 1ST LEVEL
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A6	FLOOR FRAMING - 1ST LEVEL
A7	ROOF LAYOUT - 1ST LEVEL
A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL

3 BDRM - 2 BATH FOR ROBNETT
SUMMERTOWN SUB LOT #4 MERIDIAN, ID

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ARCH D (24" x 36")

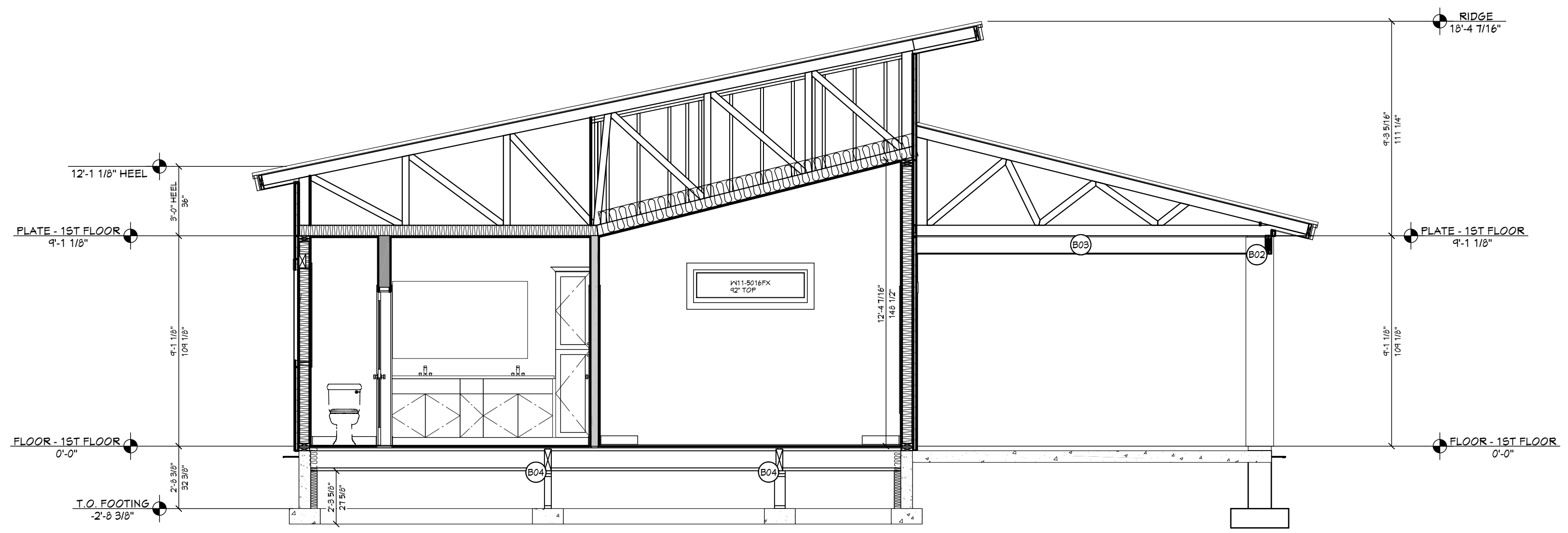
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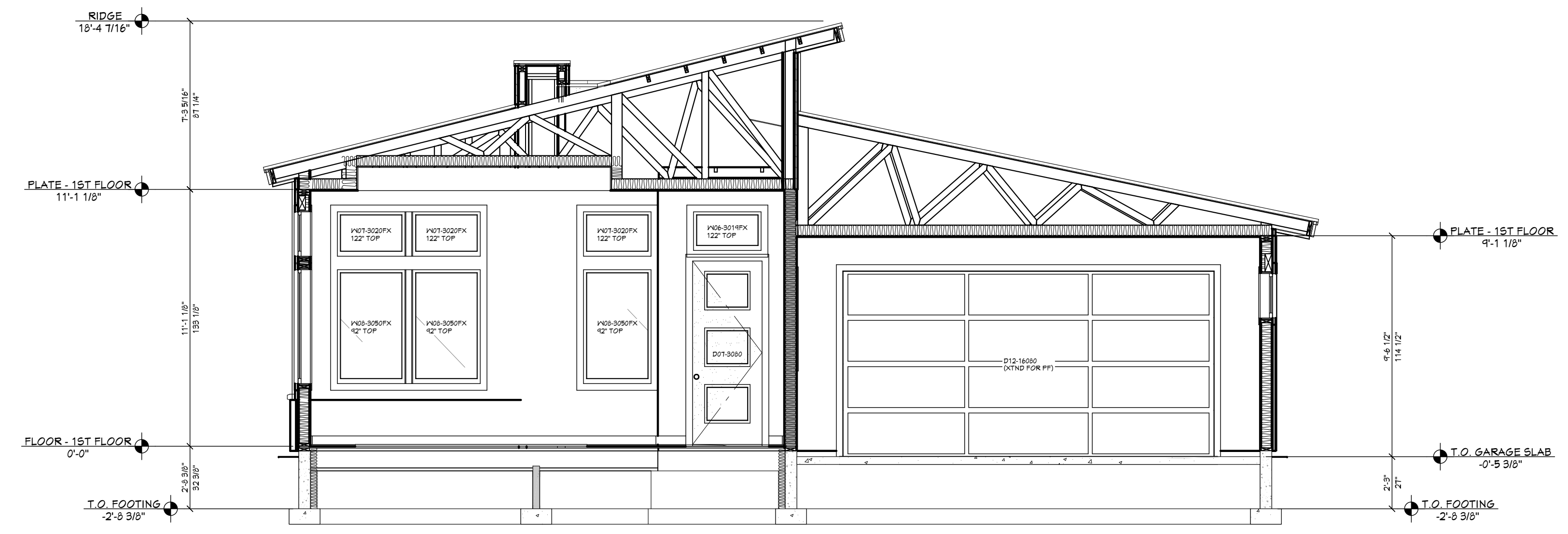
SECTION VIEWS

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SHEET NUMBER
A12
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D VIEW D - D
1/4 IN = 1 FT



E VIEW E - E
1/4 IN = 1 FT

BEAM SCHEDULE								
NO.	FLR.	FLY(S)	NOTES	CTR. LG +/-	MIN BRG	T.O. BEAM	B.O. BEAM	CALC #
B01	1	3	(B-01) 2X10 D.F. #2	10'-1"		12'-4 3/8"	11'-1 1/8"	1
B02	1	2	(B-02) 2X10 D.F. #2	7'-1"		9'-1 1/8"	8'-3 7/8"	2
B03	1	3	(B-03) 2X10 D.F. #2	15'-0 1/2"		9'-1 1/8"	8'-3 7/8"	3
B04	0	4	(B-04C) 4X12 D.F. #2 (GRAVL SPACE HDRS)	3'-4"		0'-1 1/2"	-1'-0 3/4"	4CS

HEADER SCHEDULE	
NO.	TYPE
H01	(1) 4X6 D.F.
H02	(1) 4X10 D.F.
H03	(1) 6X10 D.F.
H04	(3) 1 3/4 X 4 1/4 LVL
H05	(3) 2X12 D.F.



F VIEW F - F
1/4 IN = 1 FT

SHEET INDEX	
PAGE	TITLE
A1	COVER SHEET
A2	SITE PLAN
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A4	FOUNDATION
A5	WALL BRACING - 1ST LEVEL
A6	FLOOR FRAMING - 1ST LEVEL
A7	ROOF LAYOUT - 1ST LEVEL
A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL

3 BDRM - 2 BATH FOR ROBNETT
SUMMERTOWN SUB LOT #4 MERIDIAN, ID

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SECTION VIEWS

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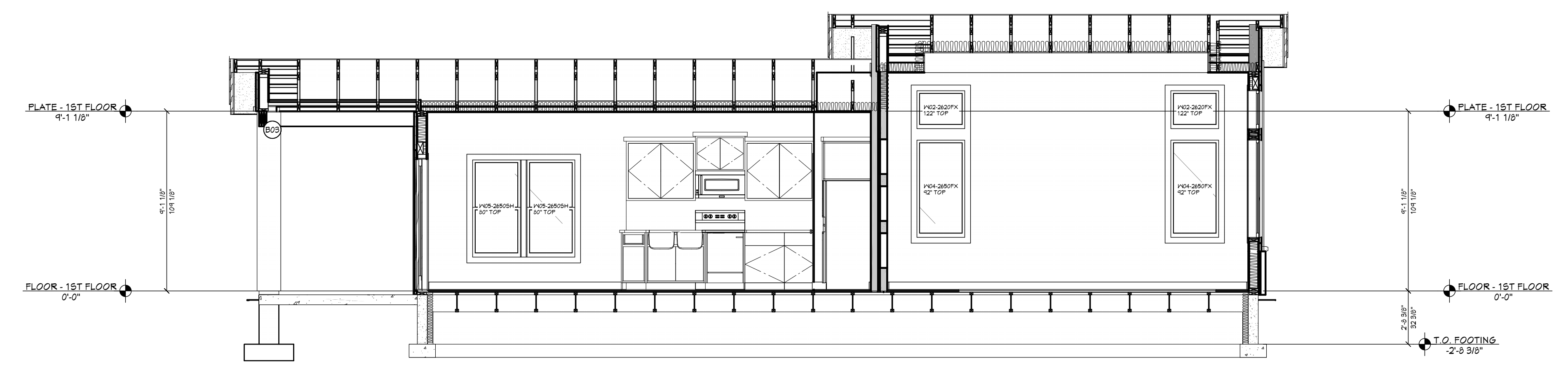
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G VIEW G - G
1/4 IN = 1 FT

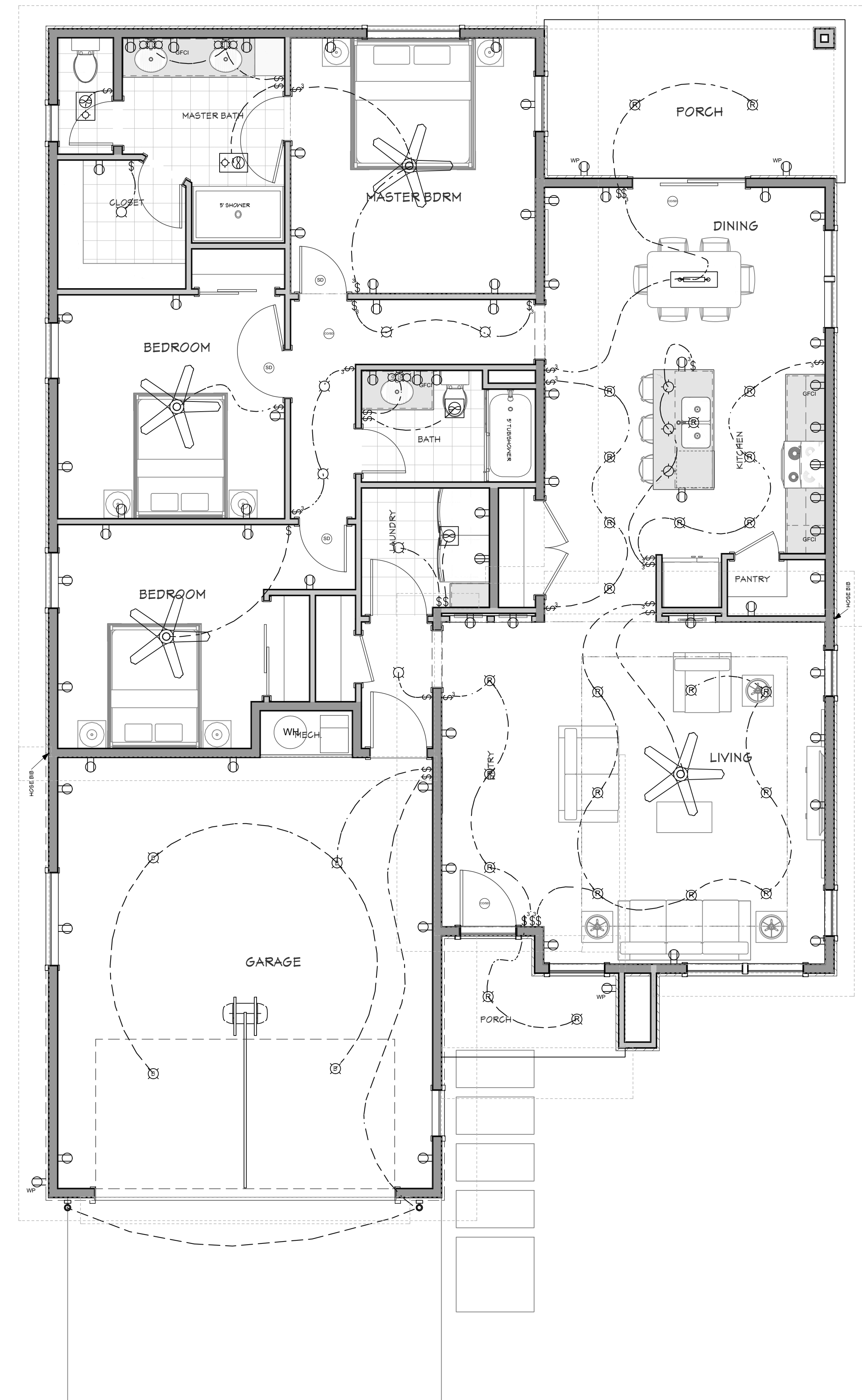
BEAM SCHEDULE						
NO	FLR	PLY(S)	NOTES	CTR. LG +/-	MIN BRG	CALC #
B01	1	3	(B-01) 2X10 D.F. #2	10'-1"	12'-4 5/8"	111-7 1/8" 1
B02	1	2	(B-02) 2X10 D.F. #2	1'-7"	9'-1 1/8"	8'-3 7/8" 2
B03	1	3	(B-03) 2X10 D.F. #2	18'-0 1/2"	9'-1 1/8"	8'-3 7/8" 3
B04	0	4	(B-04G) 4X12 D.F. #2 (GRAVL SPACE HDRS)	3'-4"	-0'-1 1/2"	-1'-0 3/4" 4CS

HEADER SCHEDULE	
NO	TYPE
H01	(1) 4X8 D.F.
H02	(1) 4X10 D.F.
H03	(1) 6X10 D.F.
H04	(3) 1 3/4" x 4 1/4" LVL
H05	(3) 2X12 D.F.



H VIEW H - H
1/4 IN = 1 FT

SHEET INDEX	
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A2	SITE PLAN
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A8	ROOF OVERVIEWS
A9	ELEVATIONS
A10	ELEVATIONS
A11	SECTION VIEWS
A12	SECTION VIEWS
A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL



NUMBER	QTY	2D SYM	FLOOR	DESCRIPTION
E01	2	(Symbol)	1	220V
E02	4	(Symbol)	1	BARE BULB
E03	3	(Symbol)	1	BRYANT SCONCE 3
E04	3	(Symbol)	1	CO/SMOKE DETECTOR
E05	2	(Symbol)	1	DECORATOR GFCI OUTLET
E06	39	(Symbol)	1	DECORATOR OUTLET
E07	16	(Symbol)	1	DECORATOR SWITCH
E08	18	(Symbol)	1	DECORATOR SWITCH 3-WAY
E09	4	(Symbol)	1	DUPLEX (WEATHERPROOF)
E10	21	(Symbol)	1	DUPLEX RECEPTACLE
E11	3	(Symbol)	1	ENGINEER'S TABLE LAMP
E12	2	(Symbol)	1	EXHAUST
E13	2	(Symbol)	1	EXHAUST (LIGHT)
E14	7	(Symbol)	1	FLUSH MOUNT CEILING LIGHT
E15	2	(Symbol)	1	GFCI
E16	3	(Symbol)	1	HEADINGLEY PENDANT
E17	1	(Symbol)	1	HEMINGRAY CHANDELIER LONG
E18	4	(Symbol)	1	MID-BODY MODERN
E19	24	(Symbol)	1	RECESSED DOWN LIGHT 6
E20	2	(Symbol)	1	SCOPE SCONCE
E21	3	(Symbol)	1	SMOKE DETECTOR

3 BDRM - 2 BATH FOR ROBNETT
SUMMERTOWN SUB LOT #4 MERIDIAN, ID

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Steve

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ELECTRICAL - 1ST LEVEL

2019 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

THE PROPOSED BUILDING HAS BEEN DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE.

TABLE 6102.1.1 (MAX 1")						
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT						
CLIMATE ZONE	FLOOR U-FACTOR	CEILING R-VALUE	ROOF/WALL R-VALUE	FLOOR R-VALUE	SLAB R-VALUE	CEILING SPACE WALL R-VALUE
5	31	20	20 OR 12R	30	10, 2FT	15R4

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