

1. DESIGN CRITERIA:

- A. DESIGNED USING INTERNATIONAL BUILDING CODE, 2018 EDITION
B. ROOF LIVE LOAD/SNOW LOAD =150 PSF
C. ROOF DEAD LOAD = 17 PSF
D. FLOOR LIVE LOAD = 40 PSF
E. FLOOR DEAD LOAD = 12 PSF
F. WIND SPEED = 115 MPH
G. EXPOSURE TYPE = 'B'
H. SEISMIC PARAMETERS, S_s =51 %
S₁ =15 %
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".

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, FILLING 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 OWNER'S DIRECTION.

4. REINFORCING STEEL:

- A. ASTM A615, GRADE 60. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 60.
B. MINIMUM LENGTH OF LAPPED SPICES SHALL BE 48 TIMES BAR DIAMETER UNLESS NOTED OTHERWISE. STAGGER SPICES IN WALLS SO THAT NO TWO ADJACENT BARS ARE SPICED IN THE SAME LOCATION.
C. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, Fy = 75,000 PSI.
D. REINFORCING SHALL BE CONTINUOUS THROUGH ALL COLD JOINTS.
E. PROVIDE CORNER BARS W/ 18" 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 HEADER AT BEARING WALL TO BE 4X8 WITH 4X6 BEARING STUD PLUS KING STUD EACH SIDE. HEADERS WITH LARGER LOADING WILL BE CALLED OUT IN PLANS.

- H. BLOCK AND NAIL ALL HORIZONTAL PANEL EDGES AT SHEAR WALLS.
1. ROOF SHEATHING: 19/32" CDX MIN. (32/16) SPAN RATING 10D @ 2 1/2" O.C. EDGE AND 12" O.C. FIELD U.N.O.
2. FLOOR SHEATHING: 3/4" CDX MIN. (48/24) SPAN RATING 10D @ 6" O.C. EDGE AND 12" O.C. FIELD U.N.O.
3. EXT. WALL SHEATHING: 15/32" CDX MIN. (24/0) SPAN RATING ALL SPAN RATINGS TO MEET LOCAL CODES.
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 "I" 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.
U. ALL WINDOW SIZES ARE NOMINAL; VERIFY ACTUAL LOG OPENINGS WITH LOG & WINDOW MANUFACTURERS.
V. ALL MICROLAM 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:

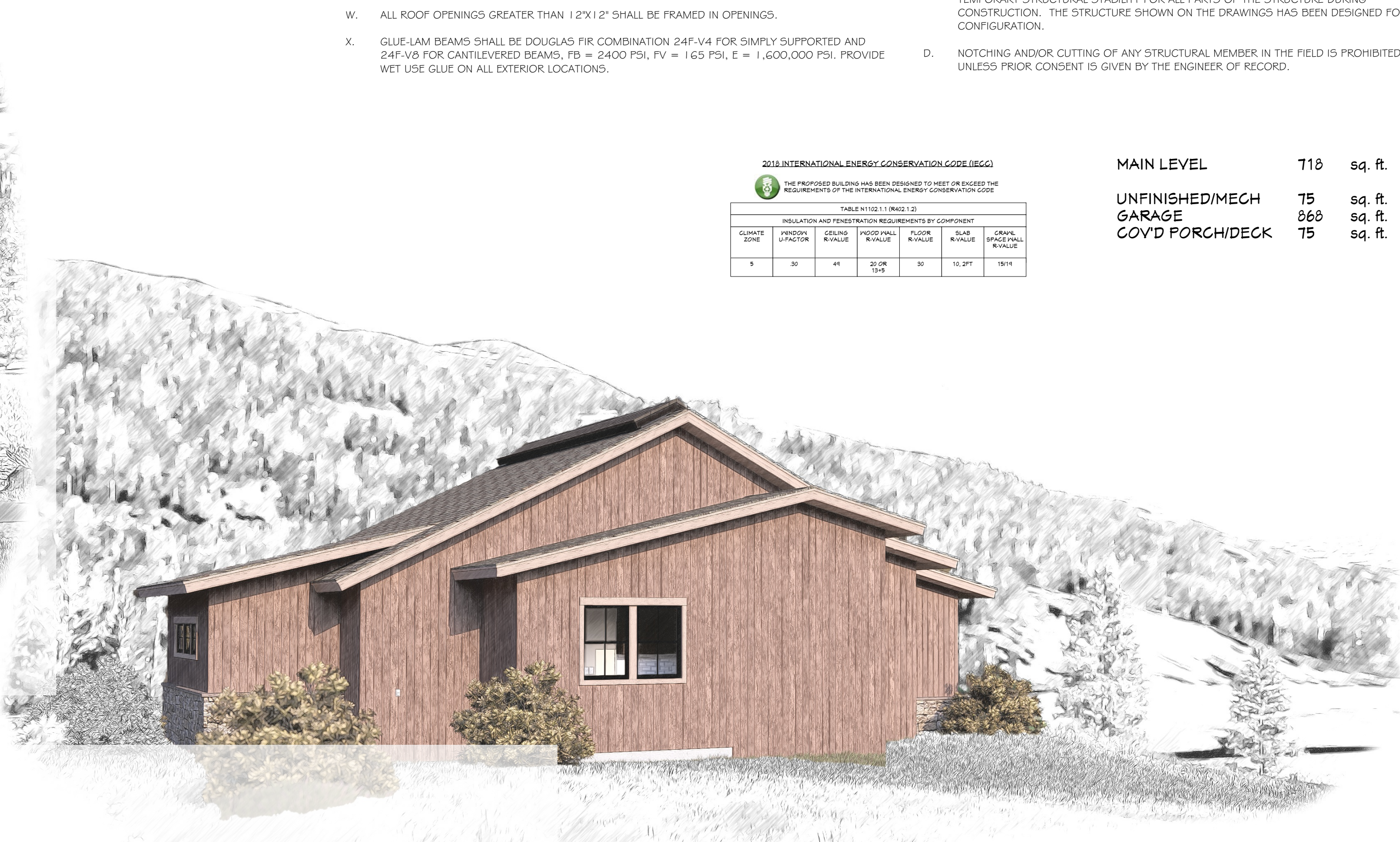
- A. BOLTS AND LAGS SHALL CONFORM TO ASTM A36 (U.N.O.)
B. STEEL TUBES TO CONFORM TO ASTM500, GRADE B (Fy = 40KSI)
C. PROVIDE MILD STEEL PLATE WASHERS AT ALL BOLT HEADS AND NUTS BEARING AGAINST WOOD.
D. ALL WORK SHALL BE IN ACCORDANCE WITH THE 9TH EDITION, OR 1ST EDITION LRFD MANUAL OF AISC "SPECIFICATIONS 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.

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.



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 N1102.1.1 (REQ 1.2)						
INSULATION AND PENETRATION REQUIREMENTS BY COMPONENT						
CLIMATE ZONE	PERIODIC U-FACTOR	CEILING R-VALUE	WYNDOW WALL R-VALUE	FLOOR R-VALUE	BLDG SPACE WALL R-VALUE	CRAWL SPACE WALL R-VALUE
5	30	49	20 OR 19-5	30	10, 2PT	15/14

MAIN LEVEL	718	sq. ft.
UNFINISHED/MECH	75	sq. ft.
GARAGE	868	sq. ft.
COVD PORCH/DECK	75	sq. ft.

PROJECT NO.
21-025-A

3 BDRM - 2 BATH 1 STORY FOR GAUL - PHASE 1
CIRCLE C RANCH LOT #41 ADAMS CO.,ID

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.

SHEET SIZE
24" x 36"

INITIAL DATE: 1/25/2021
PRINT DATE: 3/31/2022

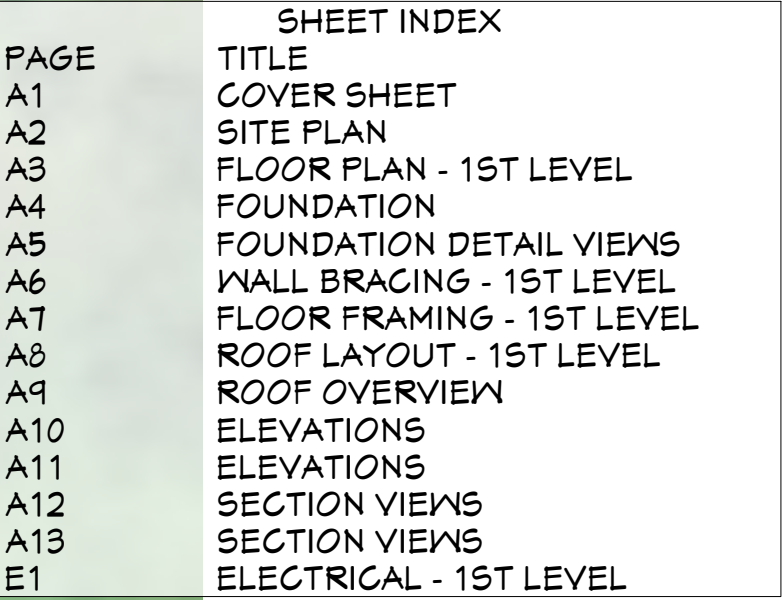
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COVER SHEET

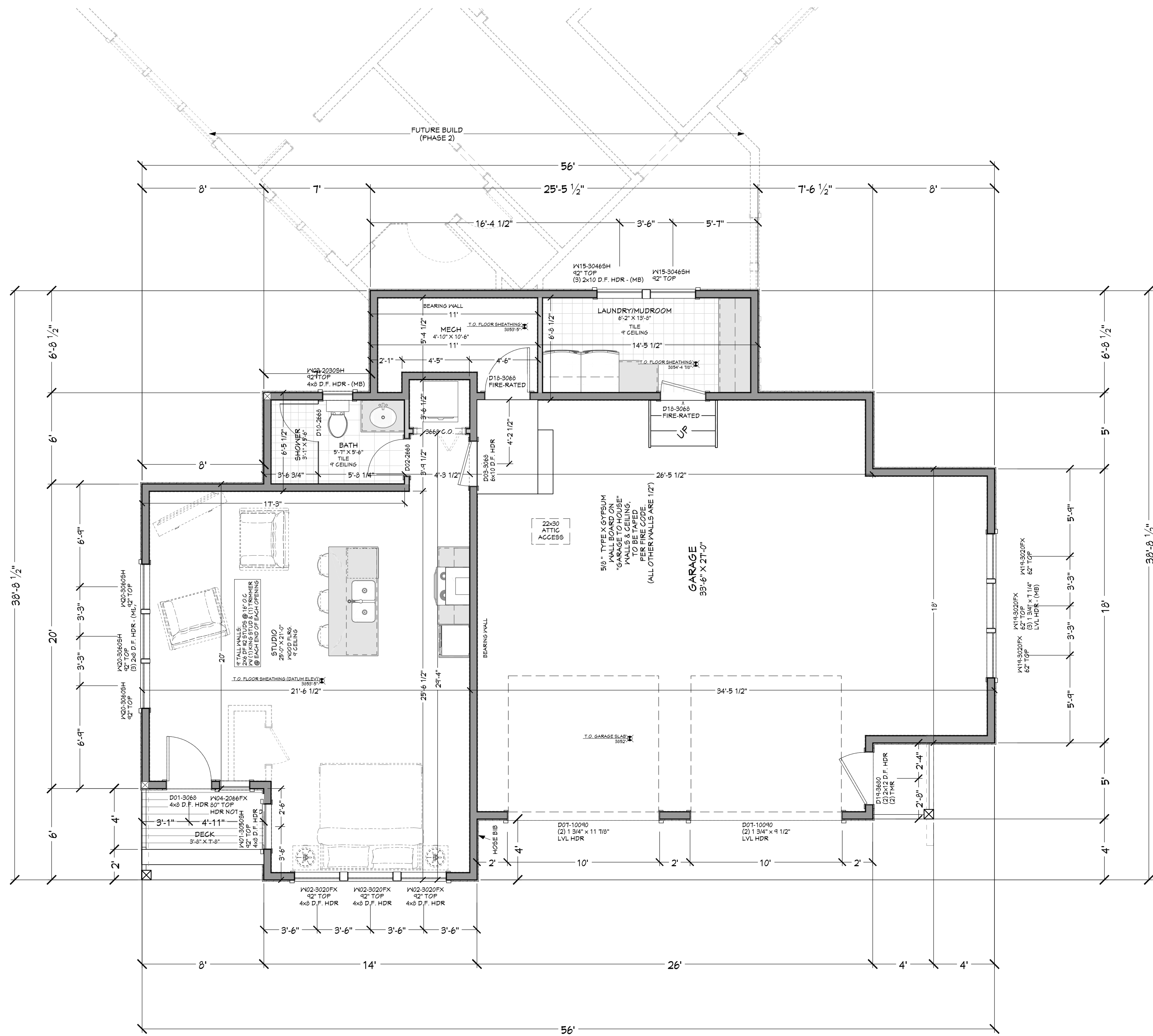
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SMC Design
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Nampa, ID

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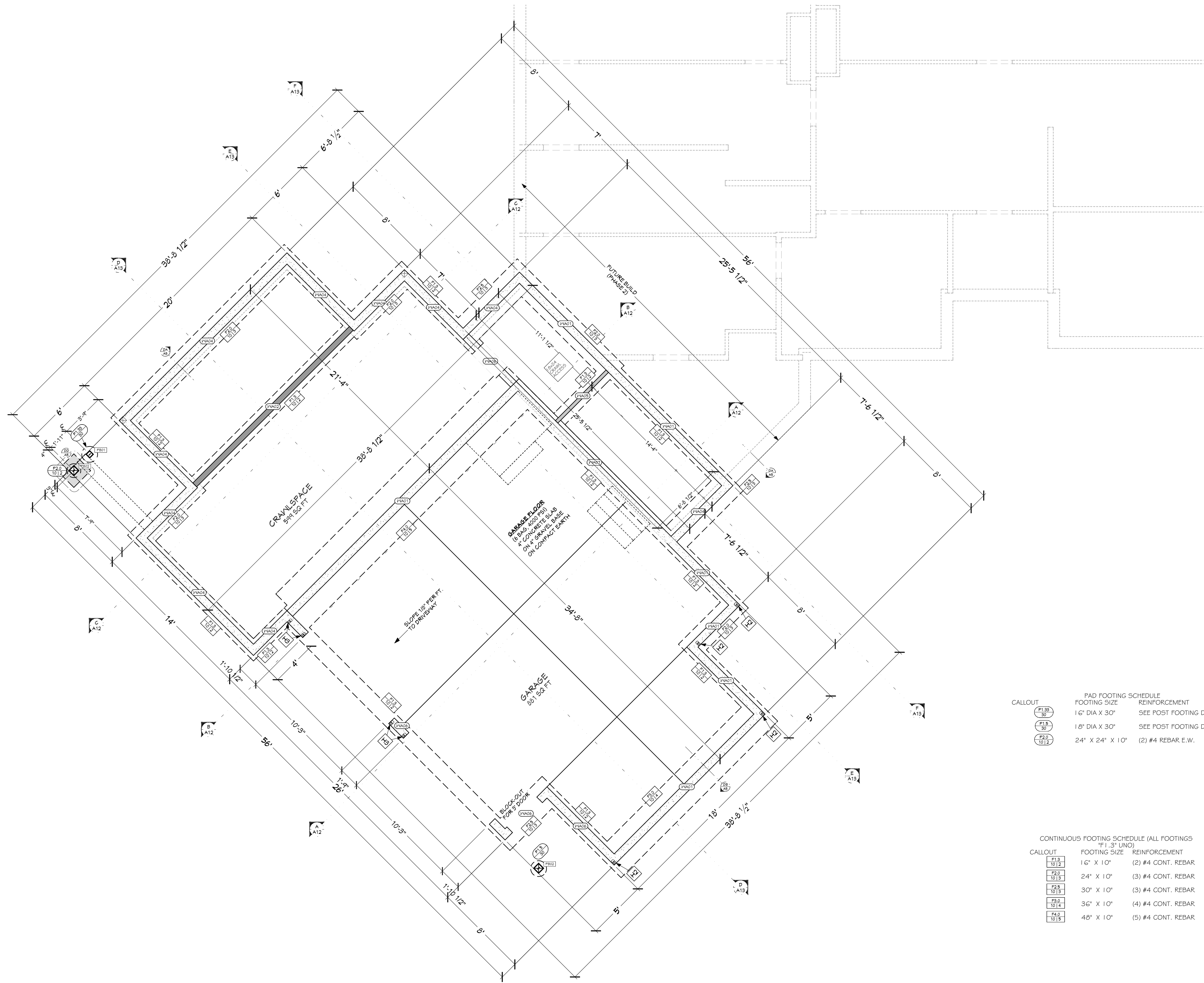
MAIN LEVEL NOTES:
ALL ANGLE 45° UNO
2x6 EXT. WALLS @ 16" O.C.
9'-1 1/8" PLATE HEIGHT UNO
ALL PARTITION DIMENSIONS
ARE TO FACE OF STUD

MAIN LEVEL	718	sq. ft.
UNFINISHED/MECH	75	sq. ft.
GARAGE	868	sq. ft.
COVD PORCH/DECK	75	sq. ft.

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

DOOR SCHEDULE										
NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	TYPE	TEMP/FREQ	FIRE	COMMENTS	CALC #
D01	1	I	3068 L FX	36"	80"	HINGED				D01
D02	1	I	2668 L IN	30"	80"	HINGED				D02
D03	1	I	3068 R FX	36"	80"	HINGED				D03
D07	2	I	10090	120"	108"	GARAGE				D07
D10	1	I	2668 R	30"	80"	SHOWER	YES			D10
D18	2	I	3068 R FX	36"	80"	HINGED				D18
D19	1	I	3680 L FX	42"	96"	HINGED				D19

WINDOW/DOOR LABEL LEGEND										
TMR	NUMBER OF TRIMMERS @ EACH END (1 TRIMMER REQ'D UNO)									
KS	KING STUD (1 KING STUD UNO)									
FS	FULL SPAN HEADER (NO MID BEARING POINTS)									
MR	FULL WIDTH HEADER (MID SPAN BEARING POINTS)									
WINDOW SCHEDULE										
NUMBER	QTY	FLOOR	SIZE	WIDTH	HEIGHT	TEMP/FREQ	DESCRIPTION	COMMENTS	CALC #	NUMBER
W01	3	I	3050SH	36"	60"		SINGLE HUNG			W01
W02	3	I	3020FX	36"	24"		FIXED GLASS			W02
W03	1	I	2030SH	24"	36"		SINGLE HUNG			W03
W04	1	I	2066FX	24"	72"		FIXED GLASS			W04
W15	2	I	3046SH	36"	54"		SINGLE HUNG		4	W15
W19	3	I	3020FX	36"	24"		FIXED GLASS		2	W19
W20	3	I	3060SH	36"	72"		SINGLE HUNG		3	W20



POST BASE SCHEDULE		
NUMBER	LABEL	QTY
PB01	KNIFE PLATE - 6X6	1
PB02	KNIFE PLATE - 6X8	2

CALLOUT	STRAP TYPE	HOLD-DOWN SCHEDULE	
		FASTENERS	BOF STUDS
H2	STD10 (RJ) WHERE APPLICABLE	(24) 16D SINKERS	2
H3	STD14 (RJ) WHERE APPLICABLE	(30) 16D SINKERS	2

FOUNDATION CONCRETE (EST.)

FOOTING	1.6 Cu Yd
STEM WALLS	1.4 Cu Yd
CONCRETE SLAB	1.1 Cu Yd
TOTAL CONCRETE	4.0 Cu Yd

FOUNDATION NOTES:

ALL ANGLE 45° UNO
8" THICK WALLS CONCRETE
FOUNDATION WALLS
ALL INTERIOR DIMENSIONS
ARE TO CENTER OF FOOTING

PAD FOOTING SCHEDULE			
CALLOUT	FOOTING SIZE	REINFORCEMENT	QTY
P1.33 10/12	16" DIA X 30"	SEE POST FOOTING DETAIL	
P1.9 30	18" DIA X 30"	SEE POST FOOTING DETAIL	
P2.0 10/12	24" X 24" X 10"	(2) #4 REBAR E.W.	1

CONTINUOUS FOOTING SCHEDULE (ALL FOOTINGS IF 1'-3" UNO)		
CALLOUT	FOOTING SIZE	REINFORCEMENT
F1.3 10/12	16" X 10"	(2) #4 CONT. REBAR
F2.0 10/13	24" X 10"	(3) #4 CONT. REBAR
F2.5 10/13	30" X 10"	(3) #4 CONT. REBAR
F3.0 10/14	36" X 10"	(4) #4 CONT. REBAR
F4.0 10/15	48" X 10"	(5) #4 CONT. REBAR

WALL SCHEDULE	
NUMBER	WALL TYPE(S)
WA01	8" CONCRETE STEM WALL
WA02	FRAME 3 1/2
WA04	8" CONCRETE STEM WALL
WA05	FRAME 3 1/2
WA06	8" CONCRETE STEM WALL 3
WA07	8" CONCRETE STEM WALL

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E1	ELECTRICAL - 1ST LEVEL

PROJECT NO.
21-025-A

3 BDRM - 2 BATH 1 STORY FOR GAUL - PHASE 1
CIRCLE C RANCH LOT #41 ADAMS CO.,ID

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FOUNDATION

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Nampa, ID

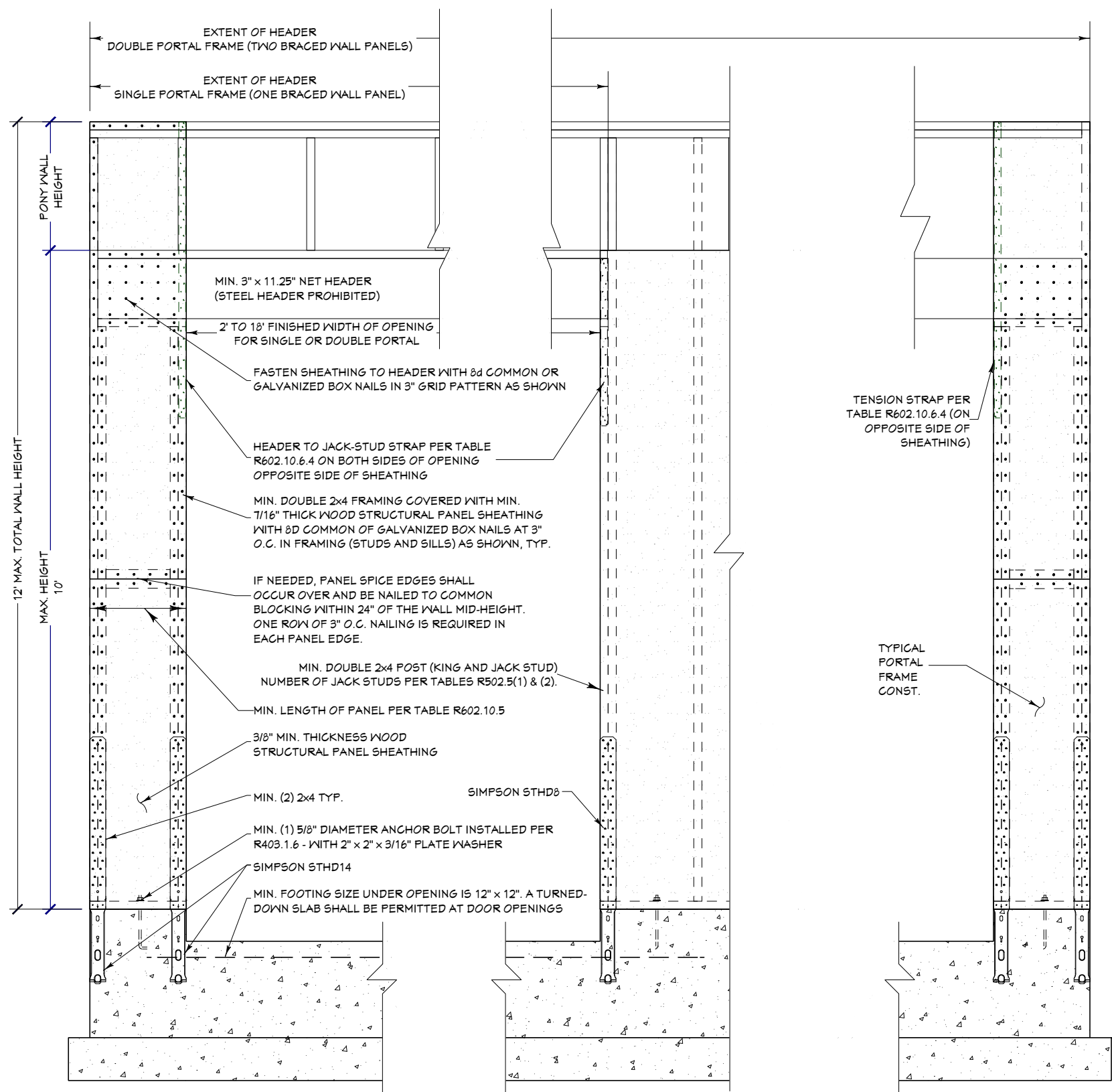
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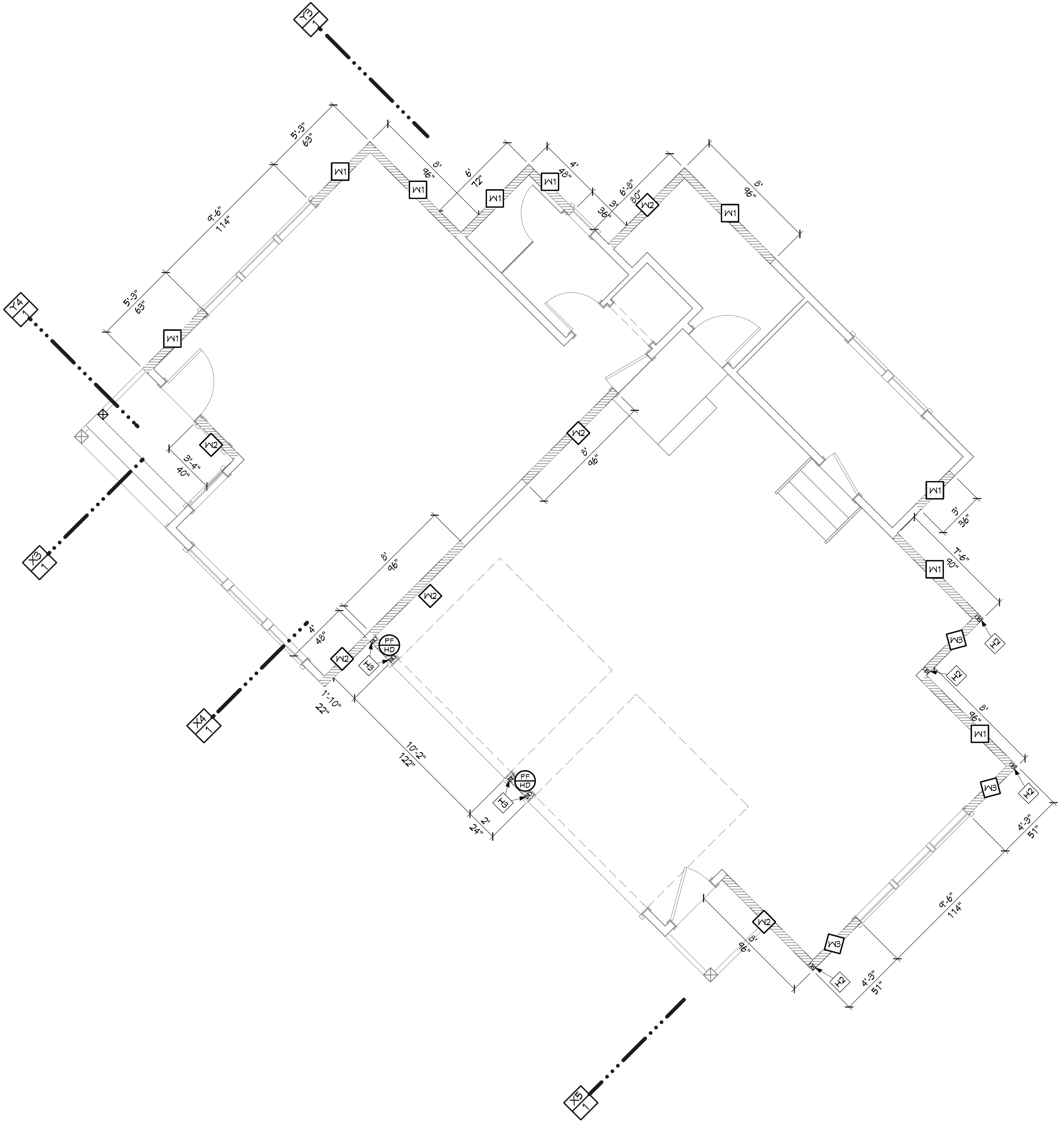
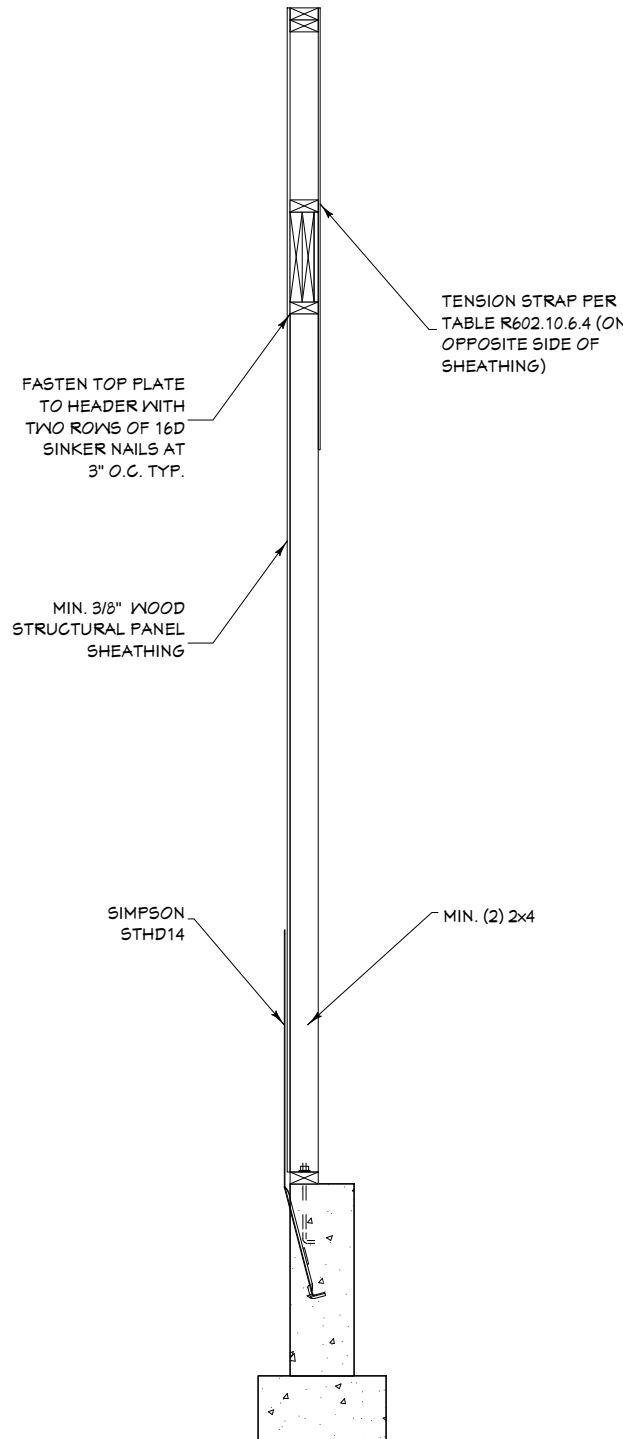


PORTAL FRAME DETAIL

GABLE/DORMER TRUSS OR RIM KEY NOTES	
CALLOUT	DESCRIPTION

HOLD-DOWNS SCHEDULE			
CALLOUT	STRAP TYPE	FASTENERS	ROP STUDS
H2	STD10 (RJ WHERE APPLICABLE)	(24) 16D SINKERS	2
H3	STD14 (RJ WHERE APPLICABLE)	(30) 16D SINKERS	2

ENGINEERED SHEAR WALL					
BNP	SHEATHING	SIDES OF WALL	SHEET NAILING	SHEET STAPLING	NAILING UNO (BOTTOM PLY INTO RIM)
V1	7/16\" AFA RATED	1	8D @ 8/12 OR	16GA X 1-1/2\" @ 3/12	YES (2) 16D NAILS PER 16\" BAY
V2	7/16\" AFA RATED	1	8D @ 4/12 OR	16GA X 1-1/2\" @ 2/12	YES (3) 16D NAILS PER 16\" BAY
V3	7/16\" AFA RATED	1	8D @ 3/12		YES (4) 16D NAILS PER 16\" BAY
PF HD	SEE PORTAL FRAME IN HOLD-DOWNS DETAIL				



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

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21-025-A

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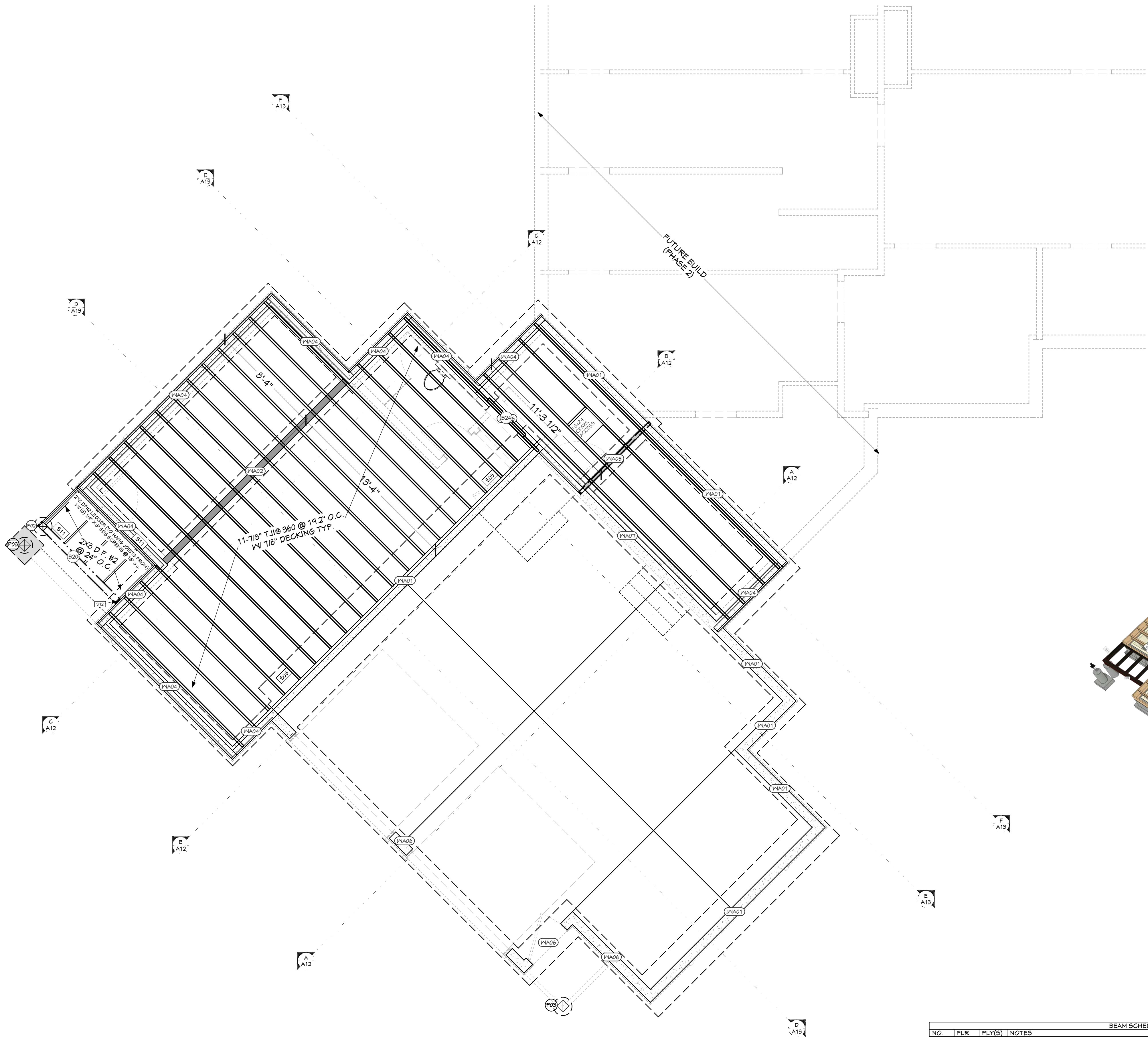
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WALL BRACING - 1ST LEVEL

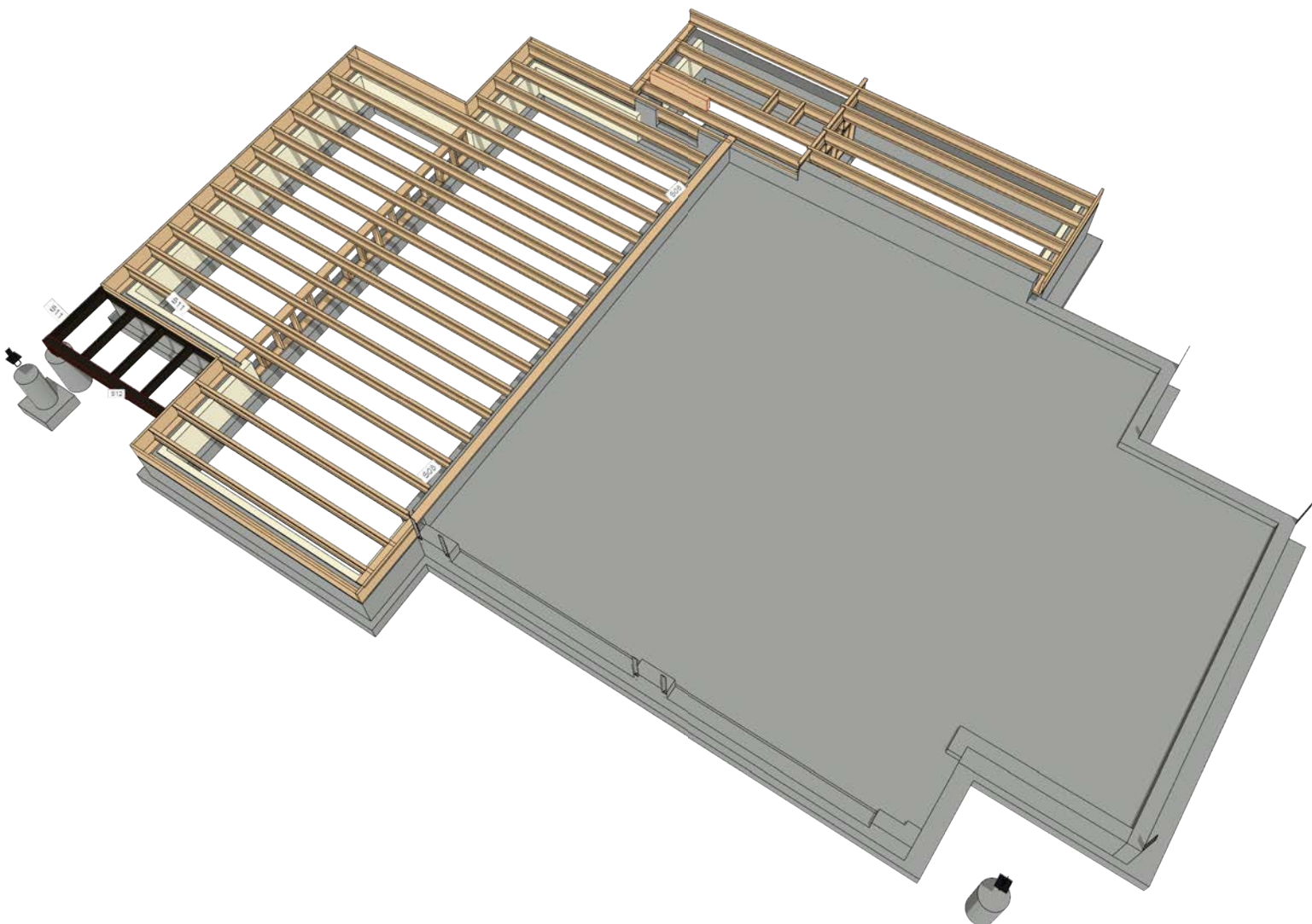
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FLOOR FRAMING - 1ST LEVEL - REAR



FLOOR FRAMING - 1ST LEVEL - FRONT

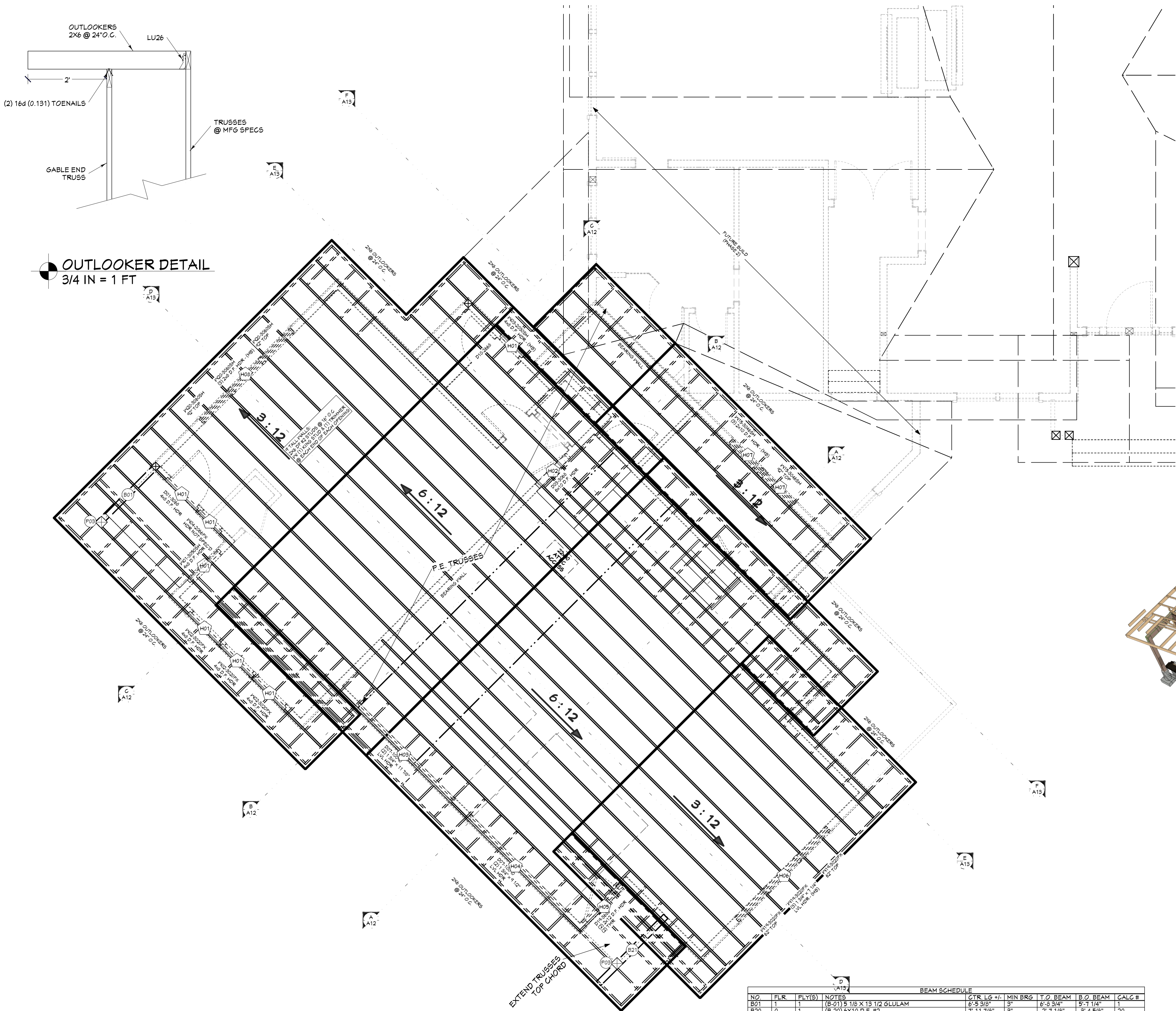
POST SCHEDULE			
NO	QTY	FLR	NOTES
P02	1	0	6x6 D.F. #2
P03	2	1	6x6 D.F. #2

HANGER SCHEDULE				
CALLOUT	MODEL	TOP NAILS	SEAT LGS	MEMBER NAILS
S08	HLU810	N/A	1 1/2"	2-5/8" X 3/8"
S11	HLU86	N/A	1 1/2"	2-5/8" X 3/8"
S12	HLU810	N/A	2 1/2"	2-5/8" X 3/8"

HEADER SCHEDULE	
NO	TYPE
H01	(1) 4x8 D.F.
H02	(1) 6x10 D.F.
H03	(2) 1 3/4 X 11 7/8 LVL
H04	(2) 1 3/4 X 9 1/2 LVL
H05	(2) 2x12 D.F.
H06	(3) 1 3/4 X 11 1/4 LVL
H07	(3) 2x10 D.F.
H08	(3) 2x8 D.F.

BEAM SCHEDULE							
NO	FLR	PLY(S)	NOTES	CTR. LG. W.	MIN BRG	T.O. BEAM	B.O. BEAM
B01	1		(B-01) 5 1/8 X 13 1/2 GLULAM	6'-5 3/8"	3"	6'-5 3/4"	5'-1 1/4"
B20	0	1	(B-20) 6X10 D.F. #2	7'-11 7/8"	3"	-2'-7 1/8"	-3'-4 5/8"
B21	1	1	(B-21) 6X10 D.F. #2	7'-2 1/2"	3"	6'-1 1/8"	5'-3 5/8"
B24	0	1	(B-24CS) 4X10 D.F. #2 (GRAVL SPACE HDRS)				

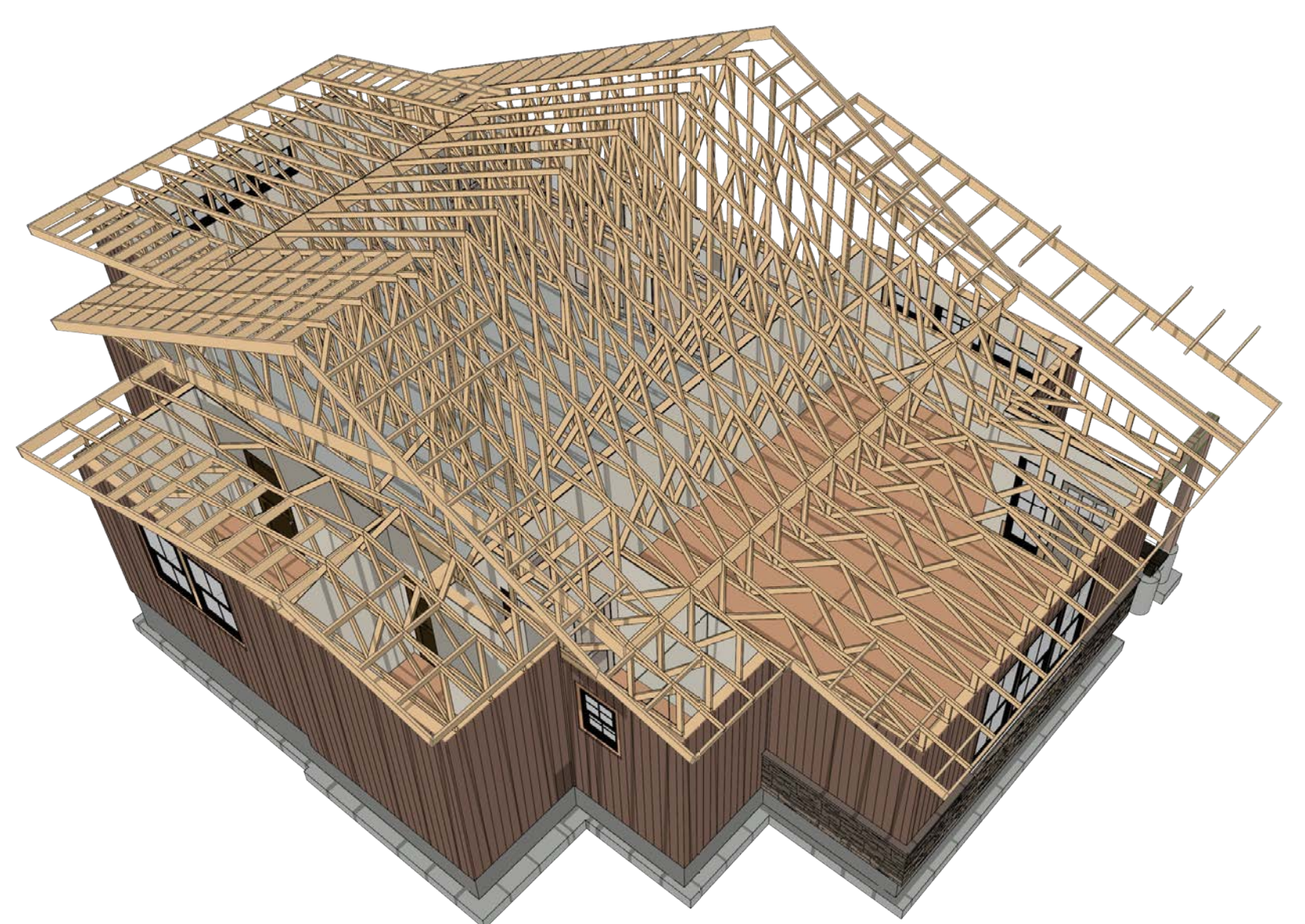
SHEET INDEX	
PAGE	TITLE
A1	COVER SHEET
A2	SITE PLAN
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A4	FOUNDATION
A5	FOUNDATION DETAIL VIEWS
A6	WALL BRACING - 1ST LEVEL
A7	FLOOR FRAMING - 1ST LEVEL
A8	ROOF LAYOUT - 1ST LEVEL
A9	ROOF OVERVIEW
A10	ELEVATIONS
A11	ELEVATIONS
A12	SECTION VIEWS
A13	SECTION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



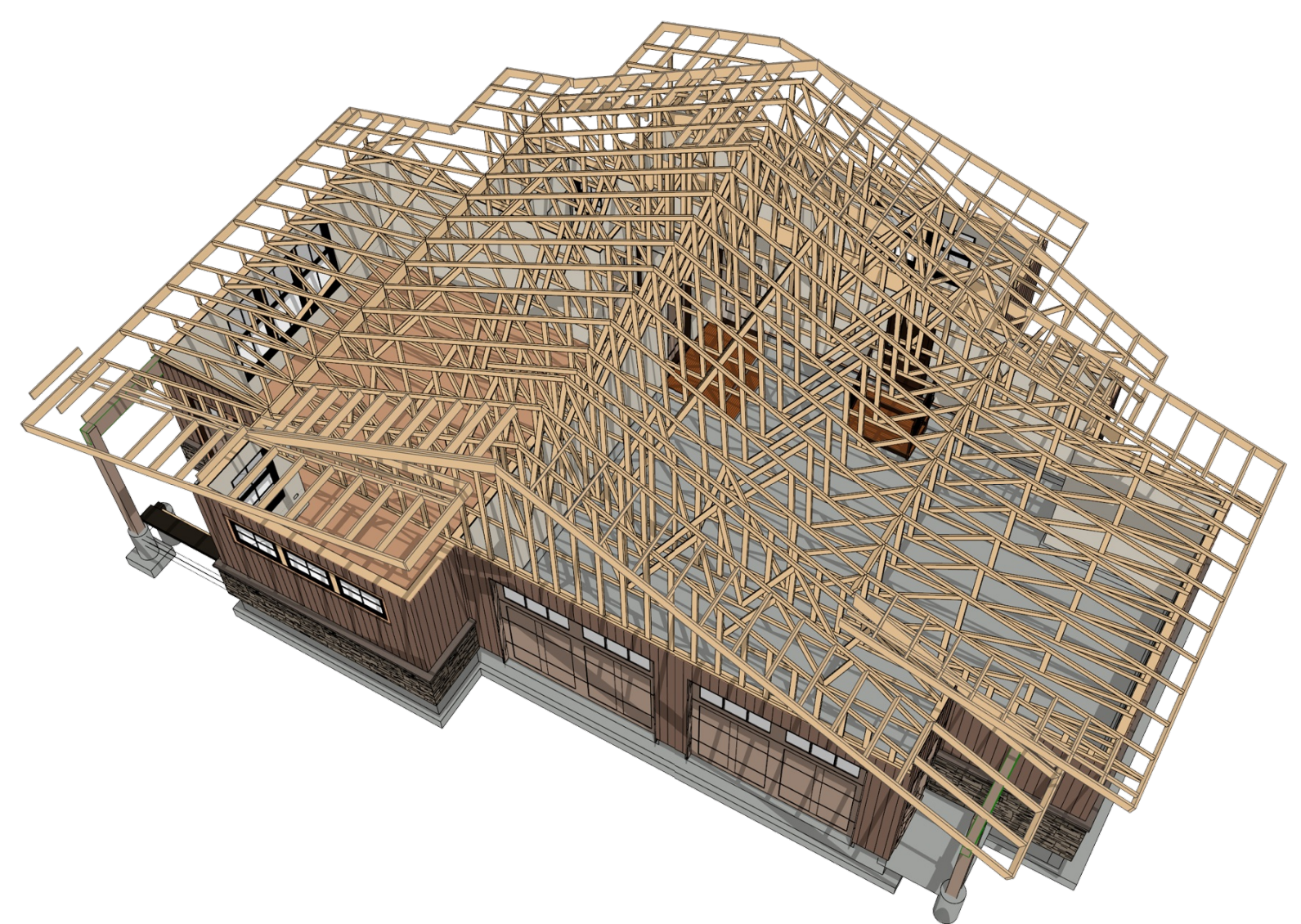
BEAM SCHEDULE									
NO.	F.L.R.	PLY(S)	NOTES	CTR. LG. +/-	MIN BRG	T.O. BEAM	B.O. BEAM	CALC #	
B01	1	1	(B-01) 5 1/8 X 13 1/2 GLULAM	6'-5 3/8"	3"	6'-3 3/4"	5'-1 1/4"	1	
B20	0	1	(B-20) 6X10 D.F. #2	7'-11 7/8"	3"	2'-1 1/8"	3'-4 5/8"	20	
B21	1	1	(B-21) 6X10 D.F. #2	7'-2 1/2"	3"	6'-1 1/8"	5'-5 5/8"	21	
B24	0	1	(B-24C5) 4X10 D.F. #2 (GRAVEL SPACE HDRS)					24C5	

ROOF MATERIALS	
RIDGE CAP	69 Ft
VALLEY FLASHING	52 Ft
90 DEG. FLASHING	69 Ft
BEND TO SLOPE FLASHING	
RIDGE VENT	64 Ft
METAL ROOFING	190 Sq. Ft.
SHINGLES	2450 Sq. Ft.
OSB	80 Ea
GABLE FASCIA	213 Ft
EAVE FASCIA	151 Ft
DRIP EDGE	363 Ft

ROOF FRAMING NOTES:
ALL EAVE OVERHANGS 30" UNO
ALL GABLE OVERHANGS 24" UNO



ROOF FRAMING- 1ST LEVEL - REAR



ROOF FRAMING- 1ST LEVEL - FRONT

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

PROJECT NO.
21-025-A

3 BDRM - 2 BATH 1 STORY FOR GAUL - PHASE 1
CIRCLE C RANCH LOT #41 ADAMS CO.,ID

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SHEET SIZE
24" x 36"

INITIAL DATE: 1/25/2021
PRINT DATE: 3/31/2022

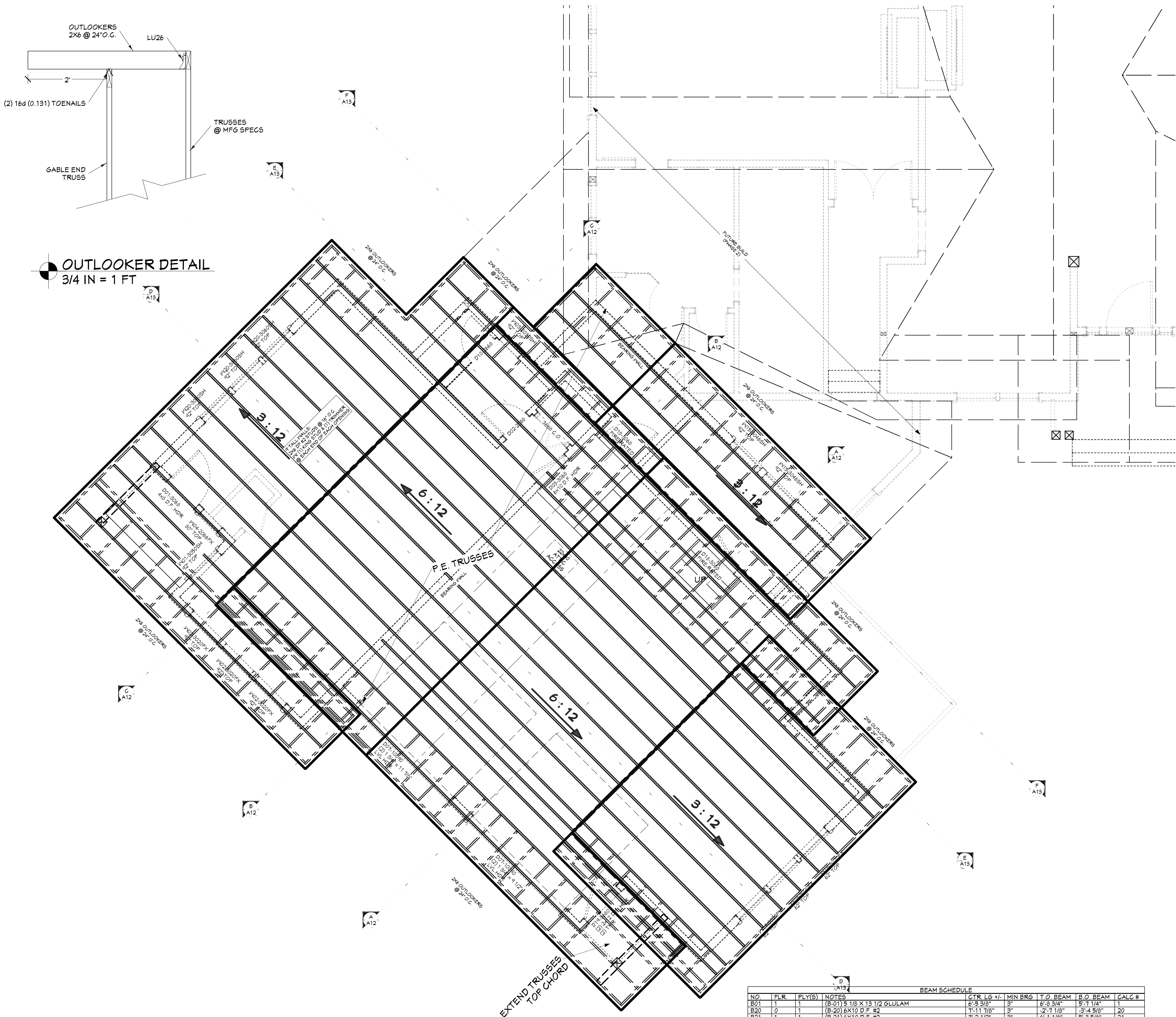
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ROOF LAYOUT - 1ST LEVEL

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ROOF LAYOUT - OVERVIEW
1/4 IN = 1 FT

CALLOUT	DESCRIPTION
1	CHARLIE DRAG TRUSS OR RIM KEY NOTES

NO.	QTY	FLR.	NOTES
P02	1	0	6X8 D.F. #2
P03	2	1	8X8 D.F. #2

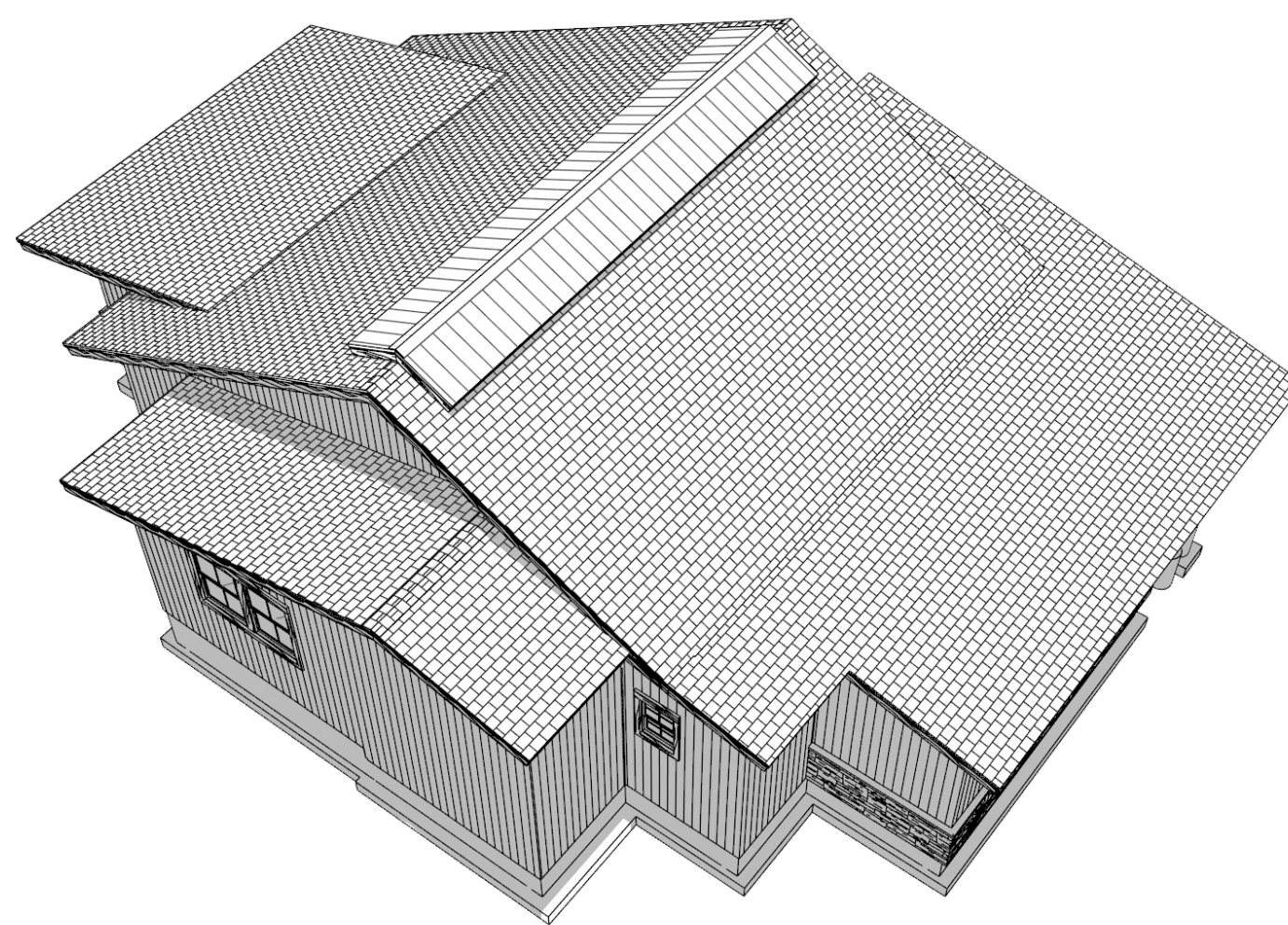
CALLOUT	MODEL	TOP NAILS	SEAT LG.	MEMBER NAILS	FACE NAILS
S09	LU81.8711.88	N/A	2.00"	2-STRONG-GRIP	10-10BX1.5
S11	LU26	N/A	1.50"	4-10BX1.5	6-10BX1.5
S12	HUC610	N/A	2.50"	(6) 0.162 X 3.5	(14) 0.162 X 3.5

NO.	TYPE
H01	(1) 4X8 D.F.
H02	(1) 6X10 D.F.
H03	(2) 1 3/4 X 11 7/8 LVL
H04	(2) 1 3/4 X 9 1/2 LVL
H05	(2) 2X12 D.F.
H06	(3) 1 3/4 X 11 1/4 LVL
H07	(3) 2X10 D.F.
H08	(3) 2X8 D.F.

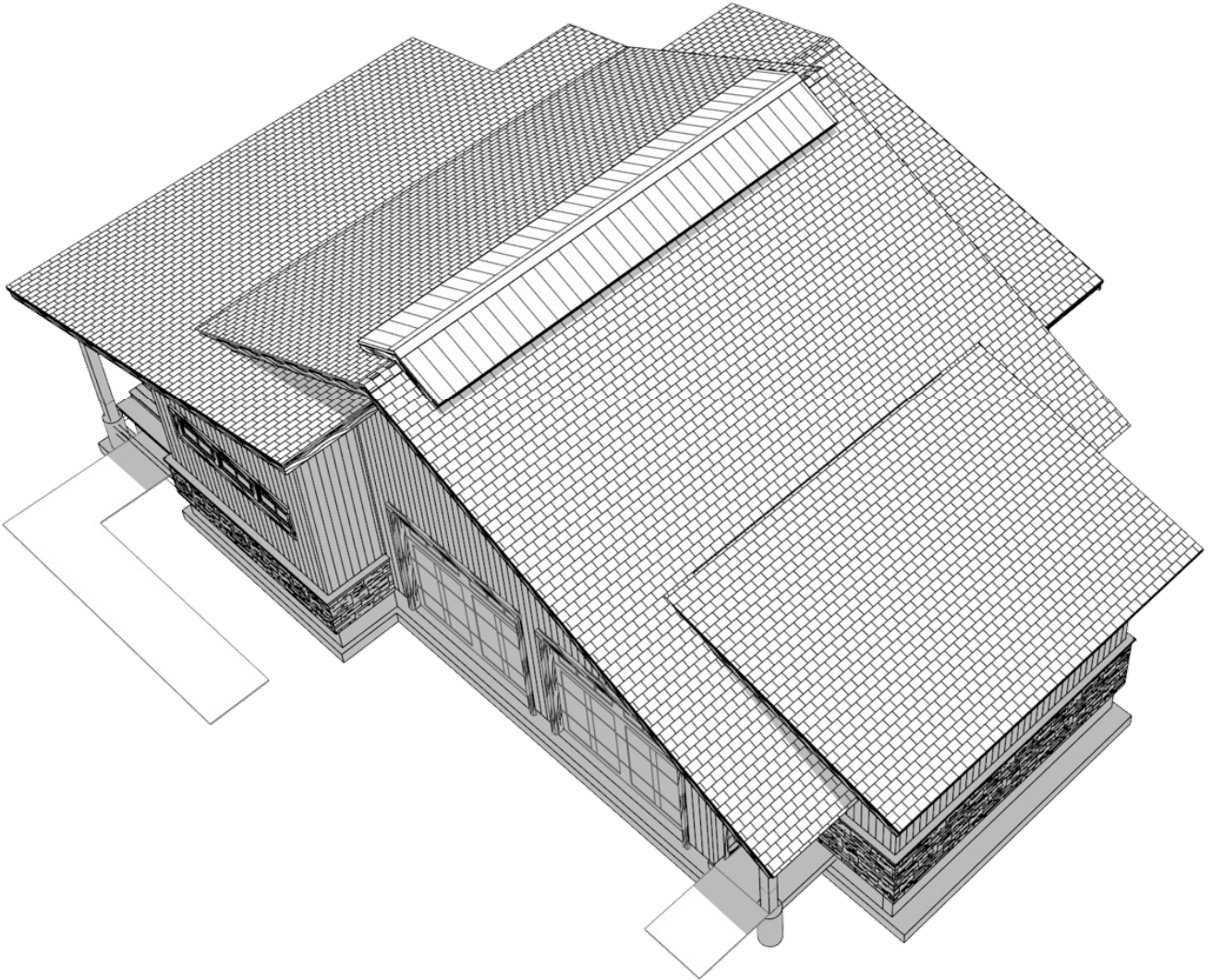
ROOF MATERIALS

RIDGE CAP	69 Ft
VALLEY FLASHING	52 Ft
90 DEG. FLASHING	69 Ft
BEND TO SLOPE FLASHING	
RIDGE VENT	64 Ft
METAL ROOFING	190 Sq. Ft.
SHINGLES	2450 Sq. Ft.
OSB	80 Ea
GABLE FASCIA	213 Ft
EAVE FASCIA	151 Ft
DRIP EDGE	363 Ft

ROOF FRAMING NOTES:
ALL EAVE OVERHANGS 30" UNO
ALL GABLE OVERHANGS 24" UNO



ROOF OVERVIEW - REAR



ROOF OVERVIEW - FRONT

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A10	ROOF OVERVIEW
A11	ELEVATIONS
A12	ELEVATIONS
A13	SECTION VIEWS
E1	SECTION VIEWS
	ELECTRICAL - 1ST LEVEL

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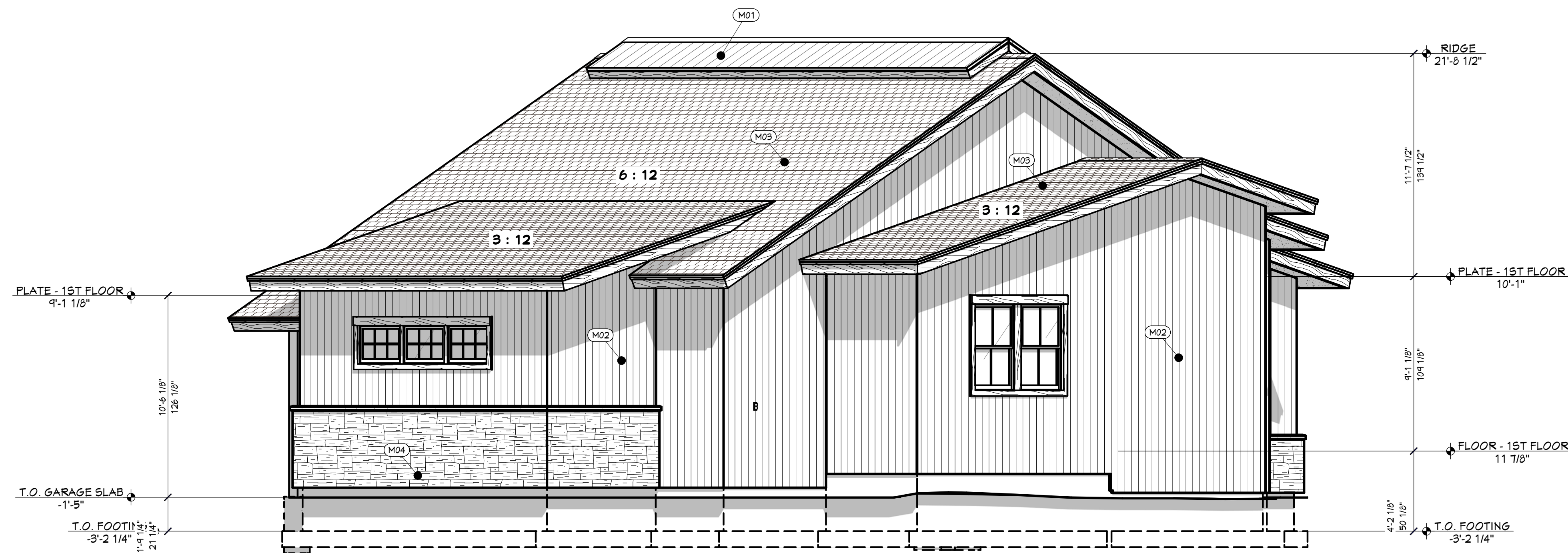
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EXTERIOR MATERIALS	
CALLOUT	DESCRIPTION
(M01)	STANDING SEAM ROOFING
(M02)	T&G VERTICAL BOARD SIDING LIFETIME WOOD TREATMENT
(M03)	ARCHITECTURAL SHINGLES
(M04)	STONE VENEER

FT FRONT ELEVATION
1/4 IN = 1 FT



RT RIGHT ELEVATION
1/4 IN = 1 FT

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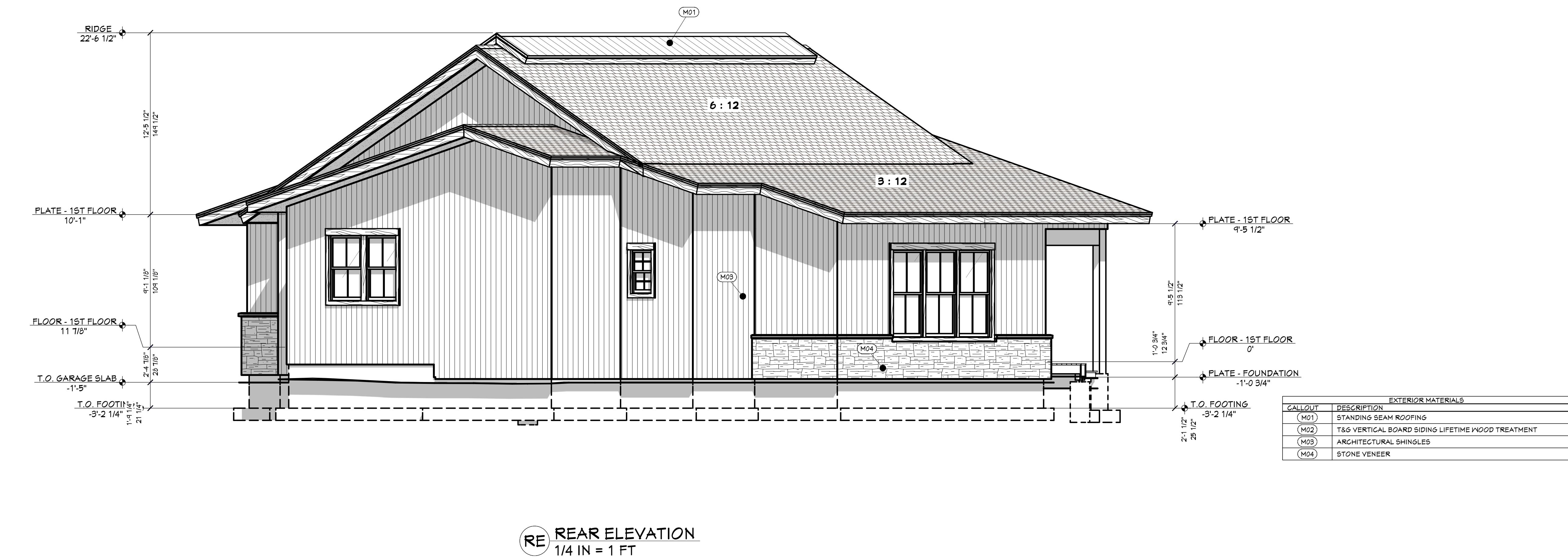
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ELEVATIONS

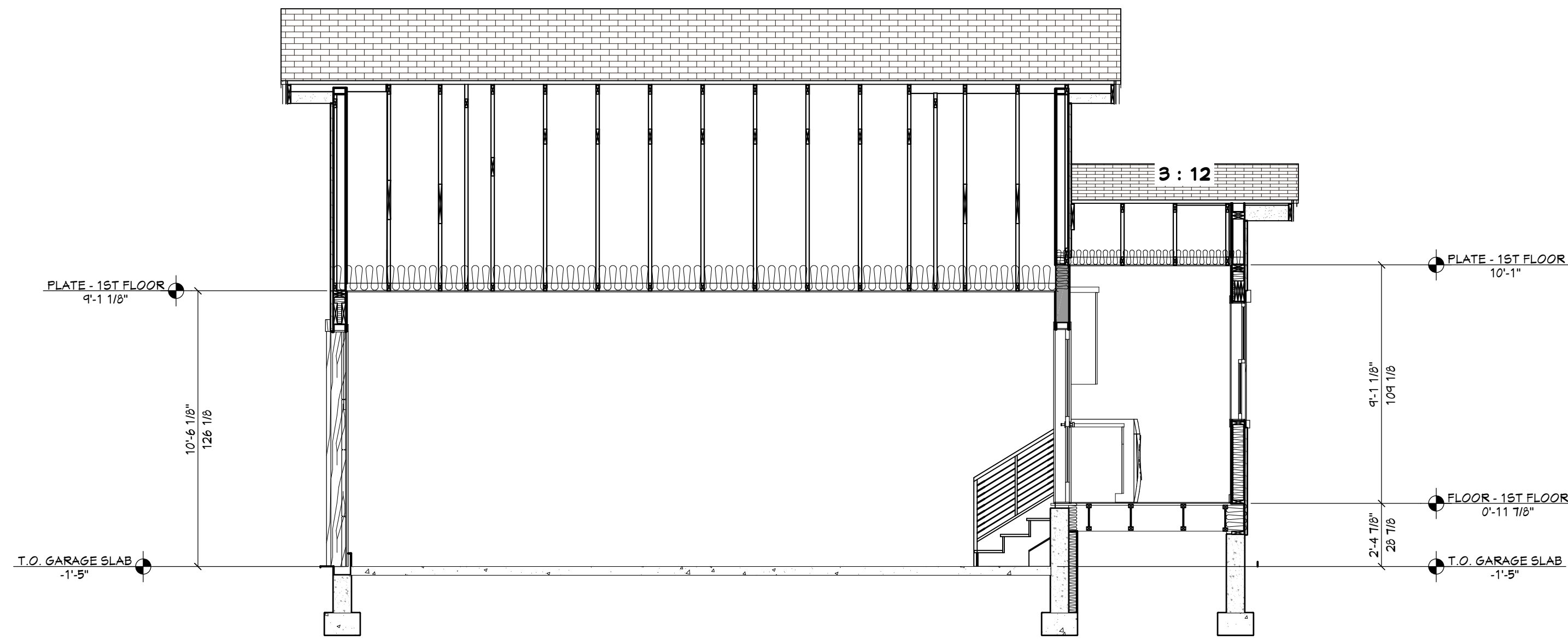
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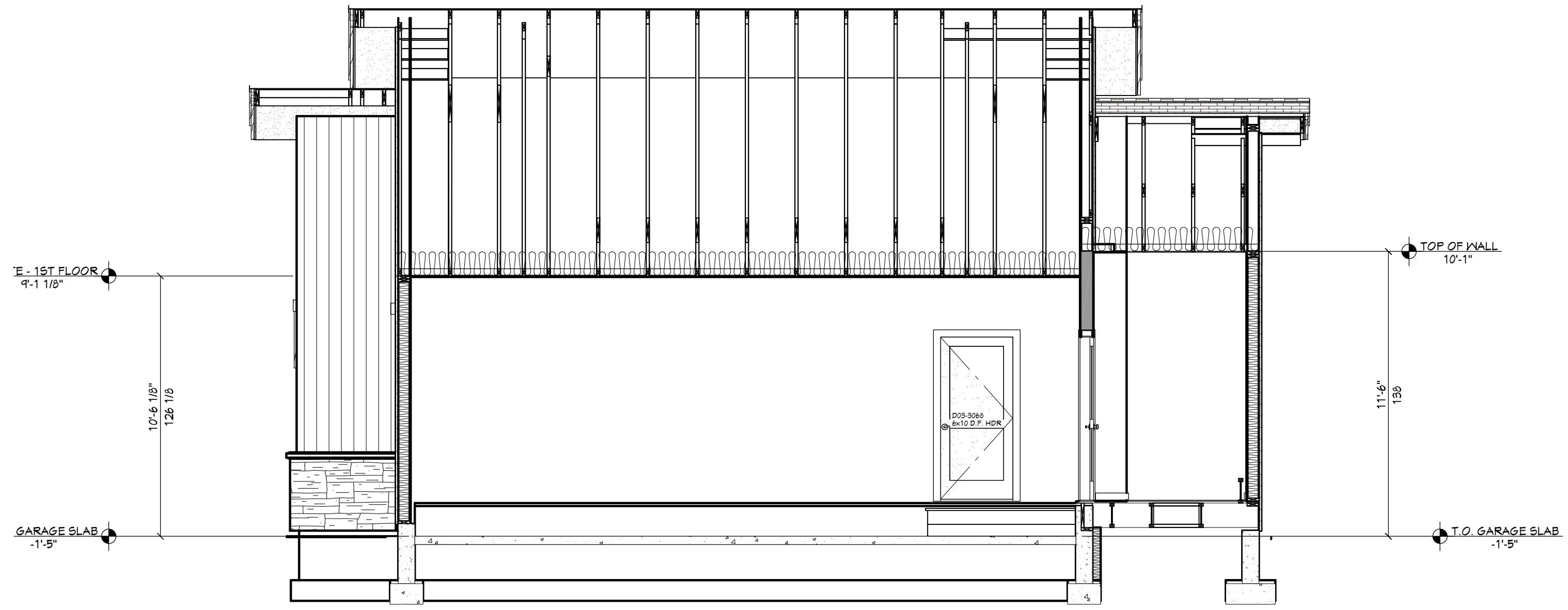
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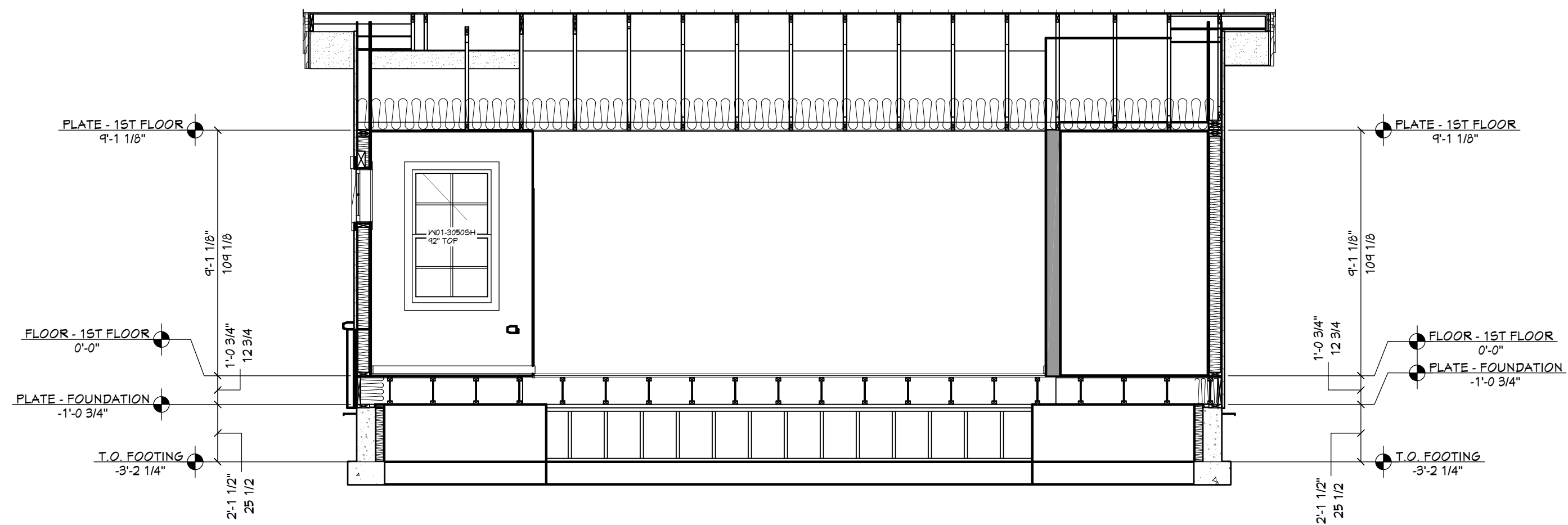
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A13	SECTION VIEWS
E1	ELECTRICAL - 1ST LEVEL



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

HEADER SCHEDULE	
NO.	TYPE
H01	(1) 4X8 D.F.
H02	(1) 6X10 D.F.
H03	(2) 1 3/4 X 11 7/8 LVL
H04	(2) 1 3/4 X 9 1/2 LVL
H05	(2) 2X12 D.F.
H06	(3) 1 3/4 X 7 1/4 LVL
H07	(3) 2X10 D.F.
H08	(3) 2X6 D.F.

BEAM SCHEDULE						
NO.	FLR.	PLY(S)	NOTES	CTR. LG +/-	MIN BRG.	T.O. BEAM
B01	1	1	(B-01) 5 1/8 X 13 1/2 GLULAM	6'-5 3/8"	3"	6'-3 3/4"
B20	0	1	(B-20) 6X10 D.F. #2	7'-11 7/8"	3"	2'-1 1/8"
B21	1	1	(B-21) 6X10 D.F. #2	7'-2 1/2"	3"	6'-1 1/8"
B24	0	1	(B-24CS) 4X10 D.F. #2 (GRAVL SPACE HDRS)			5'-3 5/8"

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21-025-A

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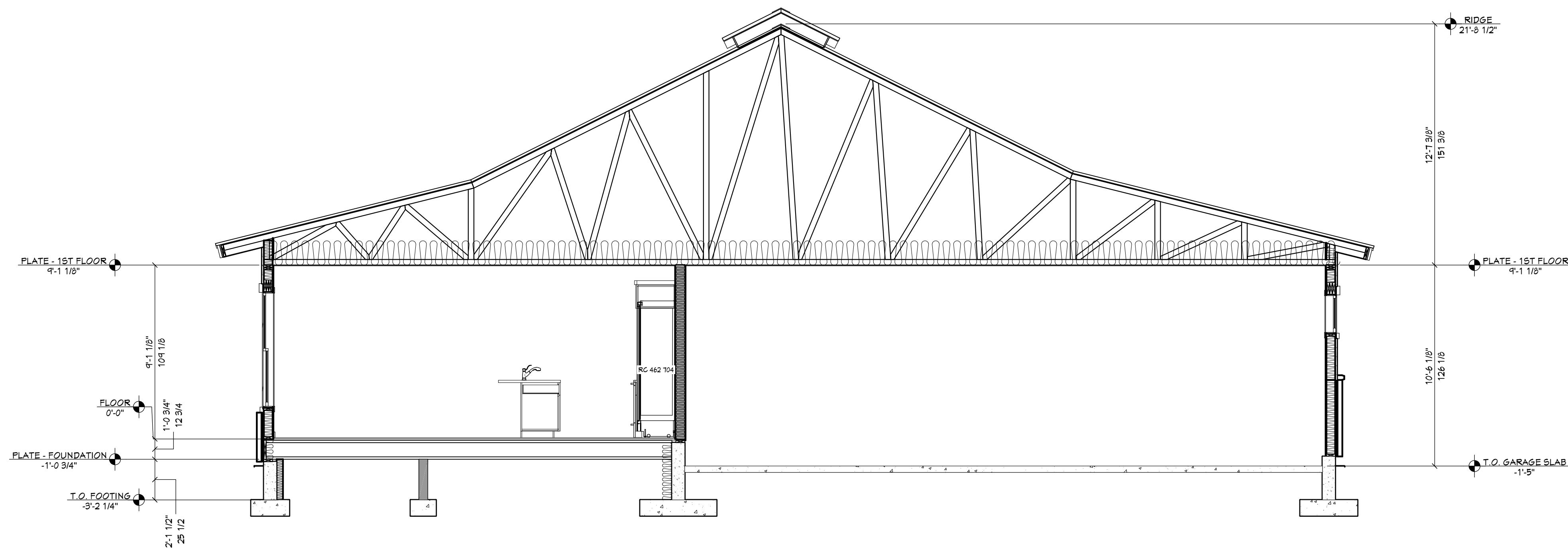
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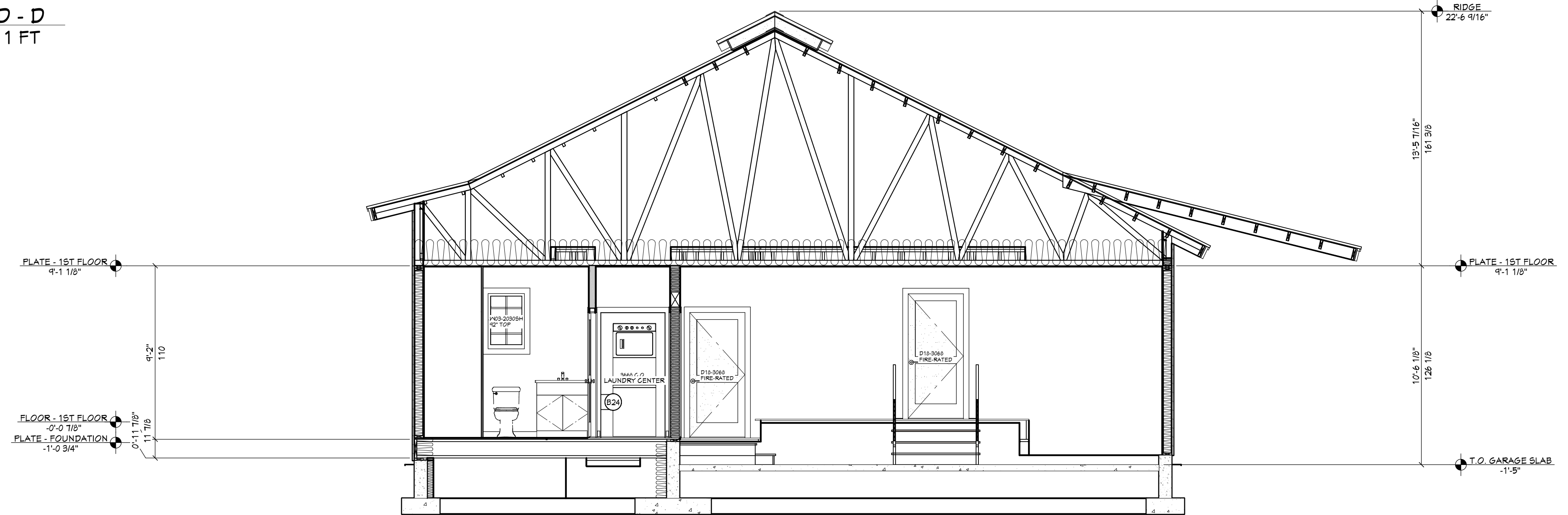
SECTION VIEWS

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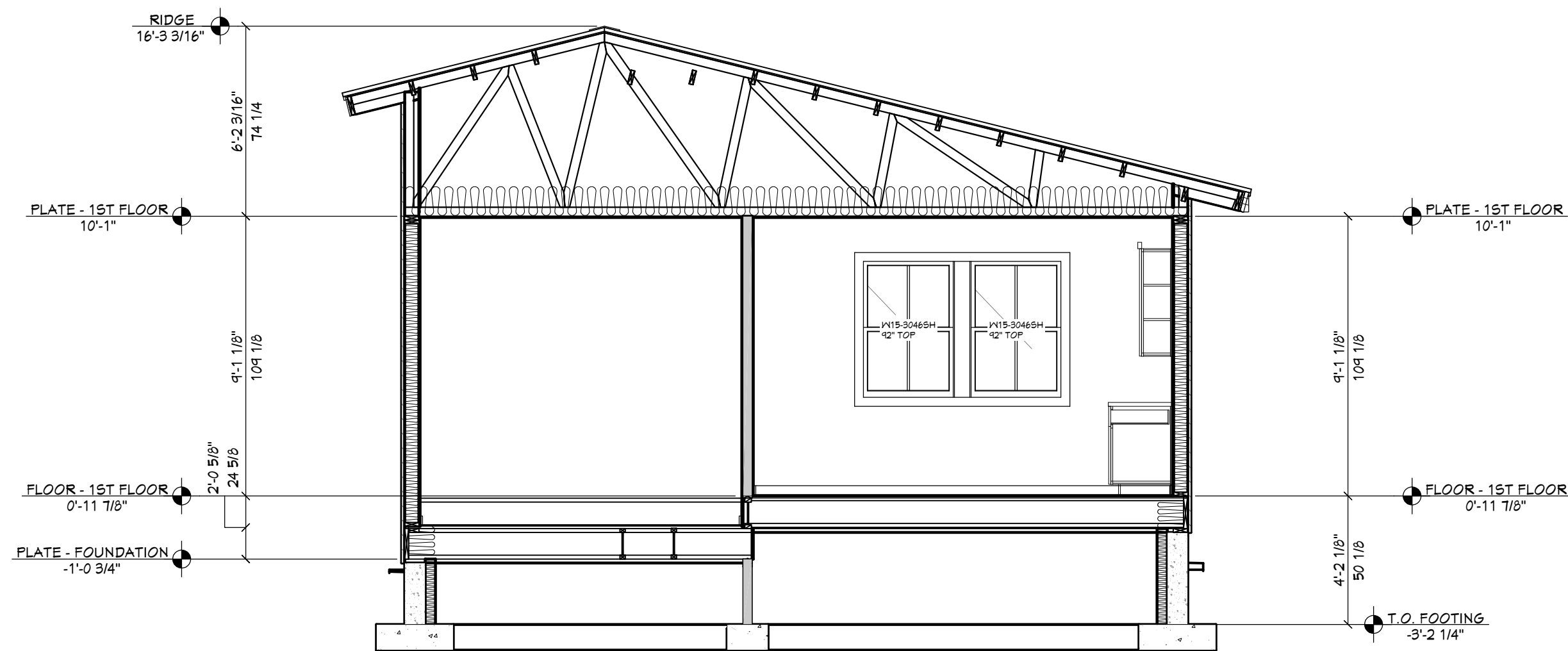
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A12
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D VIEW D - D
1/4 IN = 1 FT



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



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

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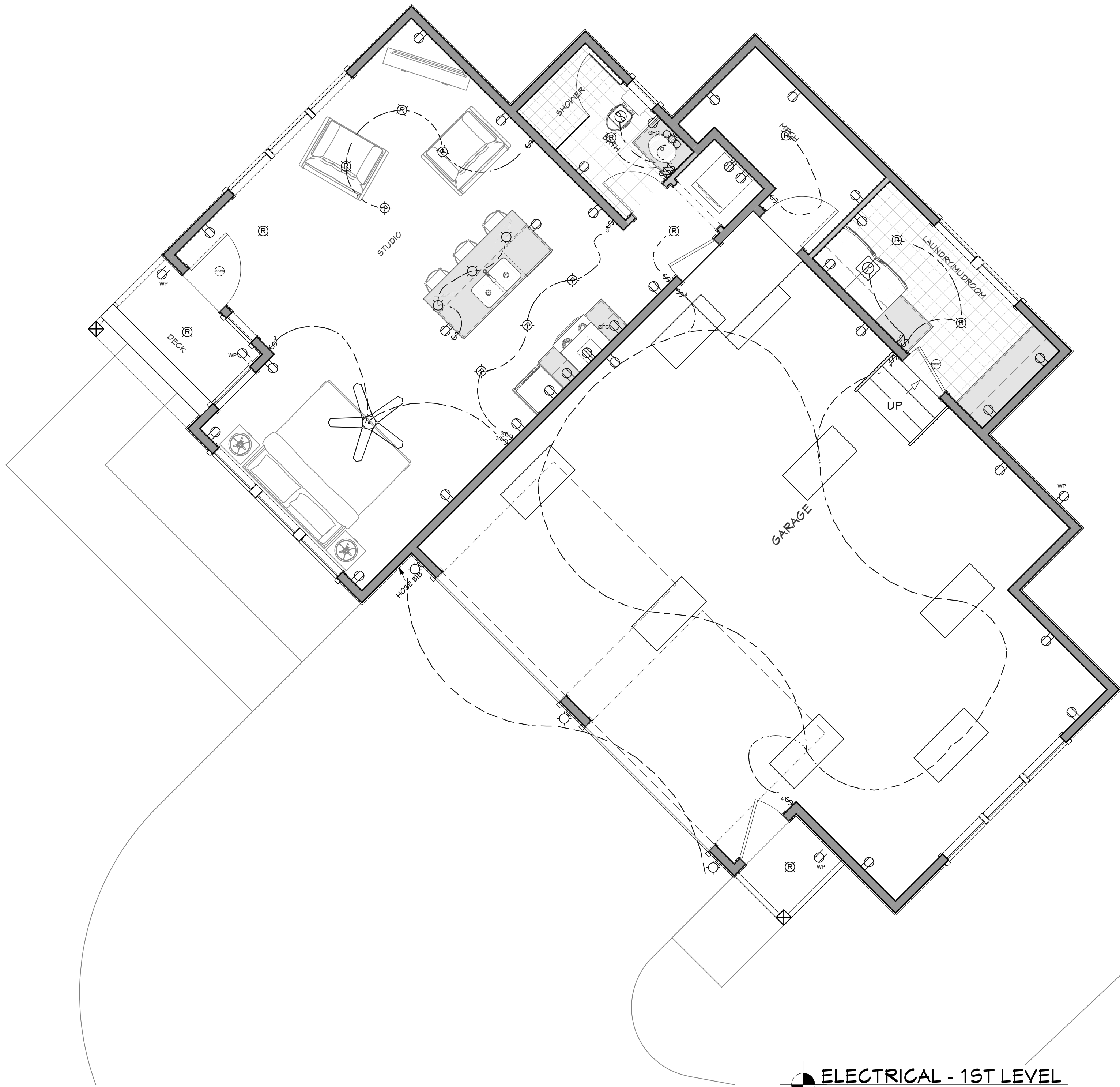
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SECTION VIEWS

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ELECTRICAL - 1ST LEVEL
1/4 IN = 1 FT

ELECTRICAL SCHEDULE				
NUMBER	QTY	2D SYM BOL	FLOOR	DESCRIPTION
E01	1			CEILING FAN W/LIGHT
E02	15			RECESSED DOWN LIGHT 6"
E03	2			ENGINEER'S TABLE LAMP
E04	29			DUPLEX
E05	3			FOUR WAY
E06	3			SMALL CONE PENDANT
E07	4			DUPLEX (WEATHERPROOF)
E08	2			GFCI
E09	2			220V
E10	9			SINGLE POLE
E11	3			CAGED LANTERN
E12	4			THREE WAY
E13	2			EXHAUST
E16	1			5CONCE 3
E22	7			MEDIUM DOUBLE SURFACE MOUNTED TUBE LIGHT (48W/21 D)
E31	2			CO/SMOKE DETECTOR

2012 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)						
TABLE N1102.1.1 (REQD 1.2)						
INSULATION AND PENETRATION REQUIREMENTS BY COMPONENT						
CLIMATE ZONE	WINDOOR U-FACTOR	CEILING R-VALUE	FLOOR/CEILING R-VALUE	FLOOR R-VALUE	SLAB R-VALUE	CRACK/ JOINT R-VALUE
1	0.20	4/1	25 OR 15/1	20	10, 2" PT	15/1/1

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ELECTRICAL - 1ST LEVEL

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