

**1. DESIGN CRITERIA:**

- A. DESIGNED USING INTERNATIONAL BUILDING CODE, 2012 EDITION
- B. ROOF LIVE LOAD/SNOW LOAD = 150 PSF
- C. ROOF DEAD LOAD = 15 PSF
- D. FLOOR LIVE LOAD = 40 PSF
- E. FLOOR DEAD LOAD = 12 PSF
- F. WIND SPEED = 90 MPH
- G. EXPOSURE TYPE = 'C'
- H. SEISMIC PARAMETERS, Ss = 0.1
- I. MINIMUM FROST DEPTH = 28 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" BEYOND 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 40. BARS TO BE WELDED SHALL BE ASTM A706, GRADE 40.
- 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 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: 1/2" 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: 1/2" 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 = 2600 PSI, FV = 285 PSI, E = 1,900,000 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.

**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.

**9. SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS:**

- A. PER IBC SECTION 1702, WHEN SPECIFICALLY REQUIRED BY THE LOCAL JURISDICTION, A REPRESENTATIVE FROM THE ENGINEER OF RECORD'S OFFICE SHALL BE PRESENT TO PERFORM ON-SITE STRUCTURAL OBSERVATION VISITS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL SIGNIFICANT TIMES OF CONSTRUCTION WITH THE ENGINEER OF RECORDS OFFICE PRIOR TO THE DAY OF CONSTRUCTION AND/OR PLACEMENT (MINIMUM OF 7 DAYS). SIGNIFICANT TIMES OF CONSTRUCTION ARE AS FOLLOWS:
  - 1. PLACEMENT OF STRUCTURALLY RELATED REINFORCED CONCRETE FOUNDATIONS, INCLUDING REBAR.
  - 2. PLACEMENT OF PERIMETER LOAD BEARING WALLS, LOAD SUPPORTING BEAMS AND/OR HEADERS AND LATERAL RESISTING CONNECTION ELEMENTS.
  - 3. COMPLETION OF STRUCTURAL SYSTEMS AS REQUIRED AND/OR DEFINED BY THE LOCAL JURISDICTION.
- B. STRUCTURAL OBSERVATIONS DO NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE SPECIAL INSPECTIONS REQUIRED BY THE IBC SECTION 1701 OR OTHER SECTIONS OF THE CODE AS REQUIRED BY THE LOCAL BUILDING JURISDICTION.
- C. ALL SPECIAL INSPECTIONS SHALL BE PERFORMED TO MEET THE REQUIREMENTS OF THE LATEST IBC AND THE LOCAL BUILDING JURISDICTION.
- D. ALL SPECIAL INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED PERSON WHO SHALL SHOW COMPETANCE TO THE SATISFACTION OF THE BUILDING OFFICIAL, OWNER, ARCHITECT AND ENGINEER OF RECORD FOR THE PARTICULAR OPERATION. ALL SPECIAL INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND ENGINEER OF RECORD WITH THE PROJECT INFORMATION AND ADDRESS.



LIVING SPACE 1194 sq. ft.  
 GARAGE 402 sq. ft.  
 COV'D PORCH/DECK 360 sq. ft.

**PROJECT NO.**  
17-012

**2 BDRM - 1 BATH SINGLE LEVEL FOR GANGER  
BLACK HORN RANCH - 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.

**DRAWN BY:** Steve Curtis  
**START DATE:** 3/2/2017  
**PRINT DATE:** 4/27/2017  
**SCALE:** SEE PLAN

**COVER SHEET**

**SMC Design**  
 SMC Design  
 208.249.7288  
 Nampa, ID

SHEET INDEX	
PAGE	TITLE
A1	COVER SHEET
A2	FLOOR PLAN - 1ST LEVEL
A3	FOUNDATION
A4	WALL BRACING
A5	ROOF LAYOUT
A6	SECTION VIEWS
A7	ELEVATIONS
A8	ELEVATIONS
E1	ELECTRICAL

**SHEET NUMBER**  
**A1**  
 PAGE 1 OF 9

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BLACK HORN RANCH - ADAMS CO.,ID

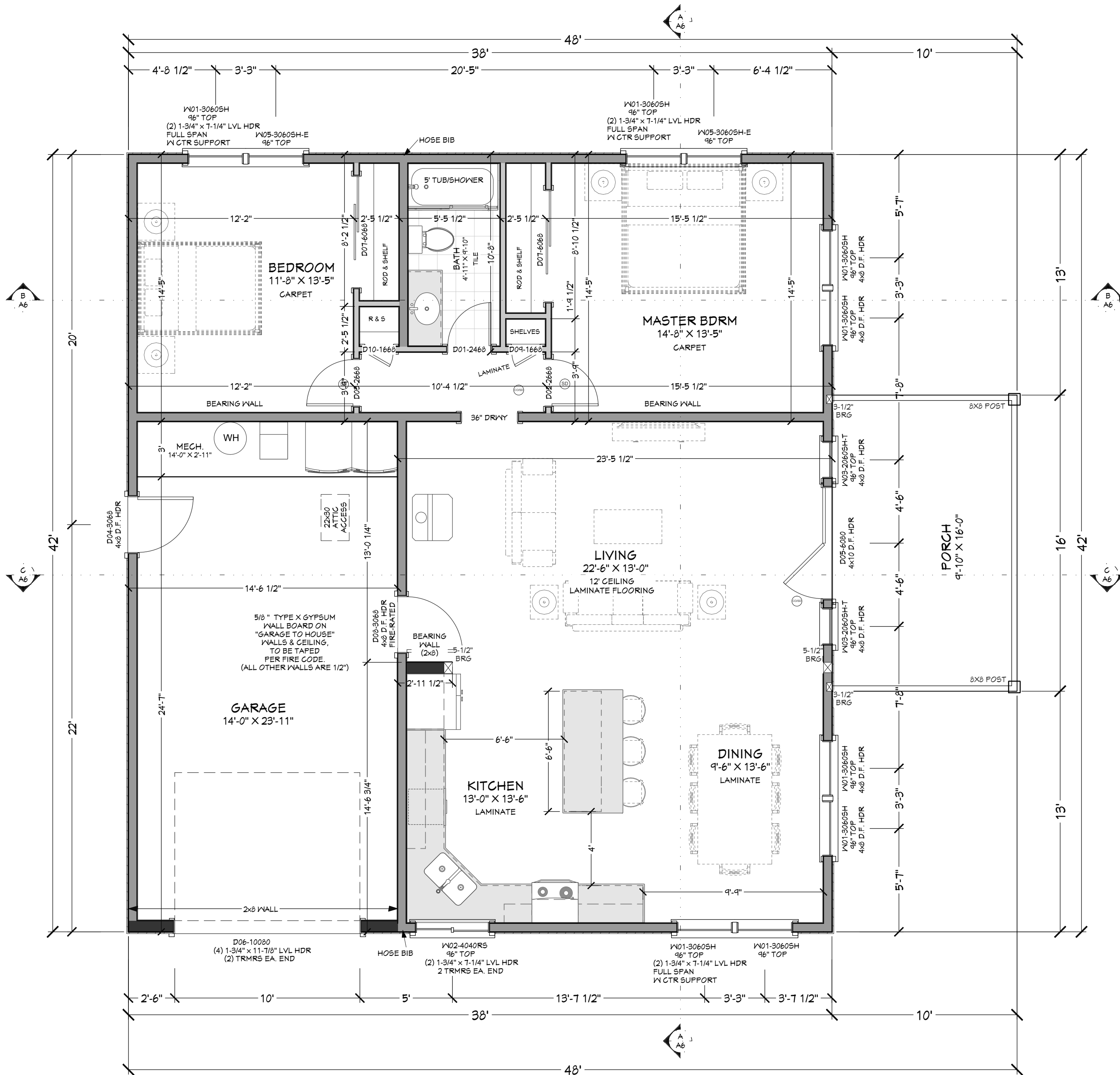
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START DATE: 3/2/2017  
SCALE: SEE PLAN  
PRINT DATE: 4/27/2017

FLOOR PLAN - 1ST LEVEL

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**A2**  
PAGE 2 OF 9



FLOOR PLAN - 1ST LEVEL 1/4" = 1'-0"

NUMBER	FLOOR	SIZE	WIDTH	HEIGHT	DESCRIPTION	COMMENTS	QTY	NUMBER
W01	1	3060SH	36"	72"	SINGLE HANG		1	W01
W02	1	4040SH	48"	48"	RIGHT SLIDING		1	W02
W03	2	3060SH	36"	72"	SINGLE HANG		2	W03
W04	2	3060SH	36"	72"	SINGLE HANG		2	W04

NUMBER	FLOOR	TYPE	HEIGHT	WIDTH	DESCRIPTION	COMMENTS	QTY	NUMBER
D01	1	DOOR	80"	36"	HINGED		1	D01
D02	1	DOOR	80"	36"	HINGED		1	D02
D03	1	DOOR	80"	36"	HINGED		1	D03
D04	1	DOOR	80"	36"	HINGED		1	D04
D05	1	DOOR	80"	36"	HINGED		1	D05
D06	1	DOOR	80"	36"	HINGED		1	D06
D07	2	DOOR	80"	36"	SLIDER		2	D07
D08	1	DOOR	80"	36"	HINGED		1	D08
D09	1	DOOR	80"	36"	HINGED		1	D09
D10	1	DOOR	80"	36"	HINGED		1	D10

**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 1194 sq. ft.  
GARAGE 402 sq. ft.  
COVID PORCH/DECK 360 sq. ft.

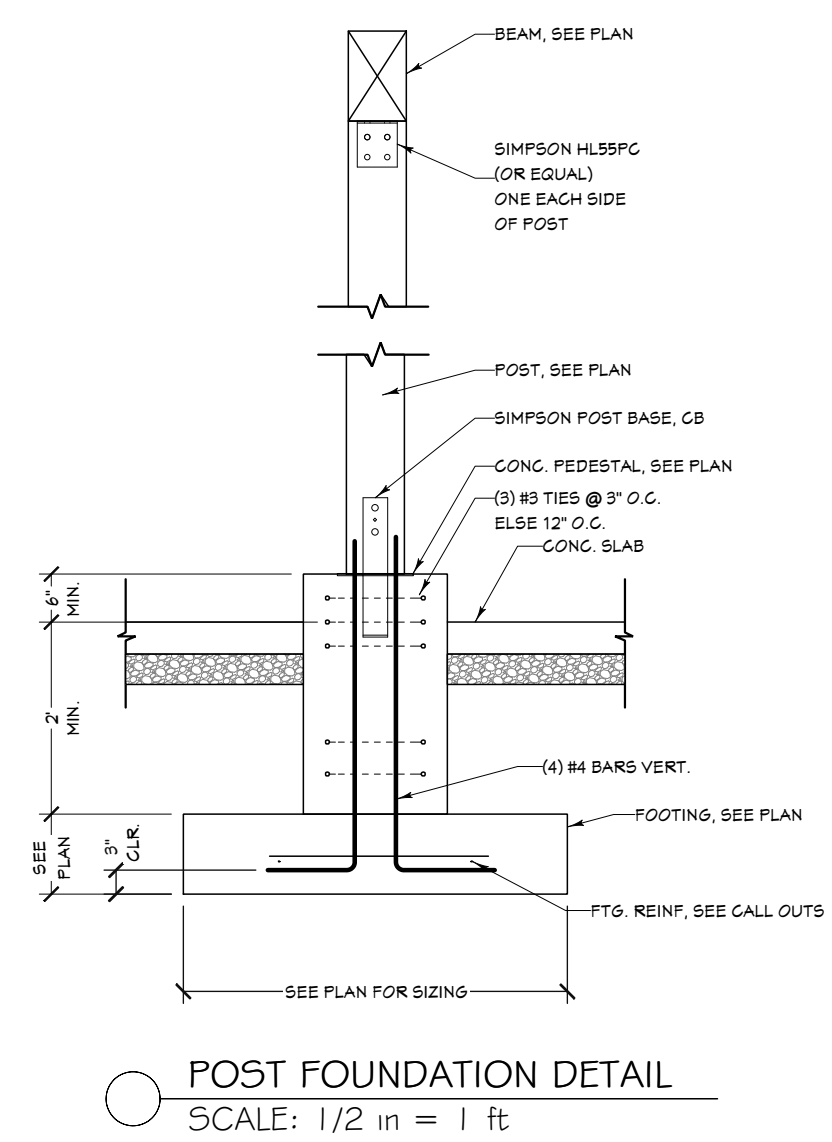
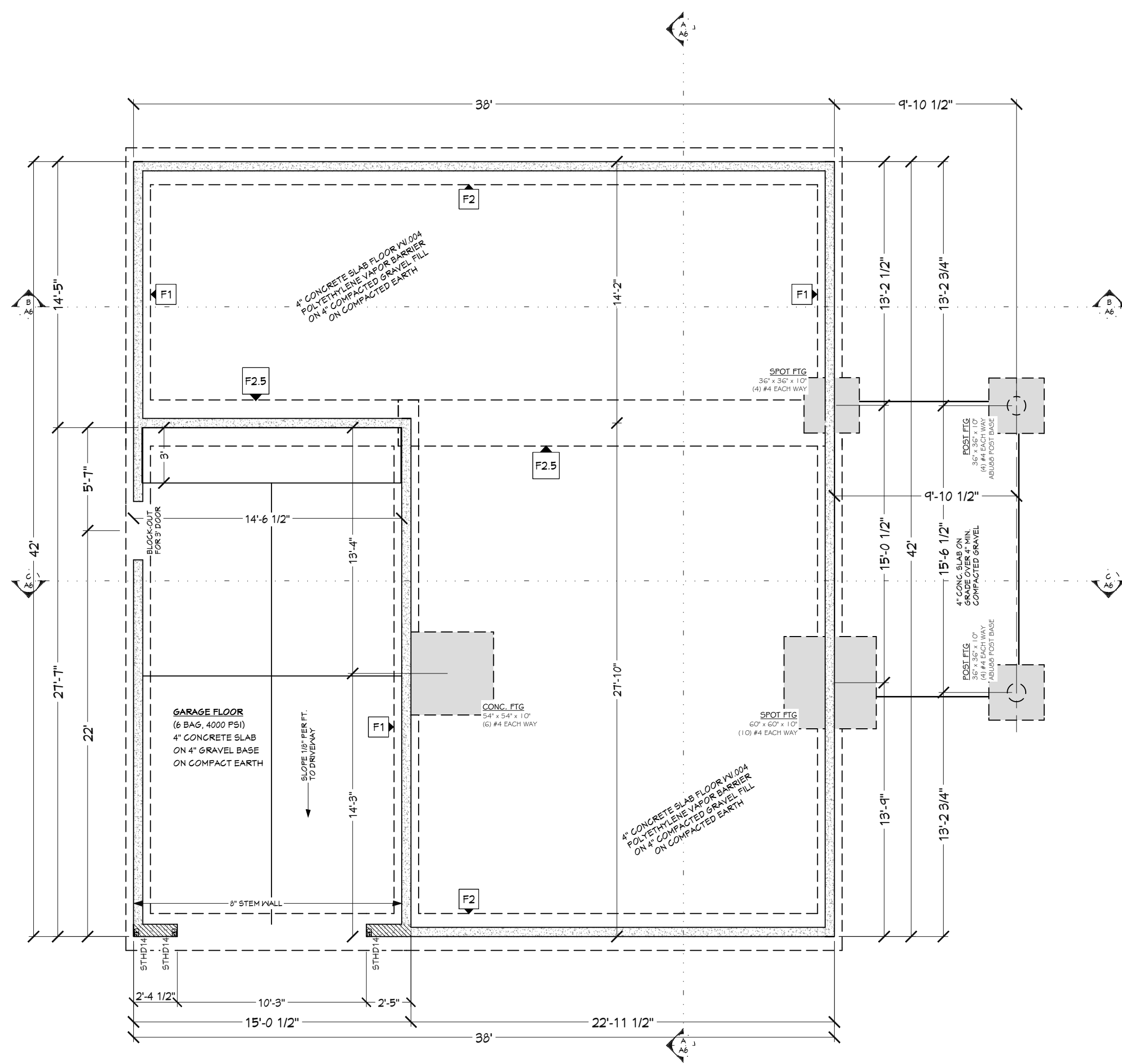
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A1	COVER SHEET
A2	FLOOR PLAN - 1ST LEVEL
A3	FOUNDATION
A4	WALL BRACING
A5	ROOF LAYOUT
A6	SECTION VIEWS
A7	ELEVATIONS
A8	ELEVATIONS
E1	ELECTRICAL

2 BDRM - 1 BATH SINGLE LEVEL FOR GANGER  
BLACK HORN RANCH - ADAMS CO., ID

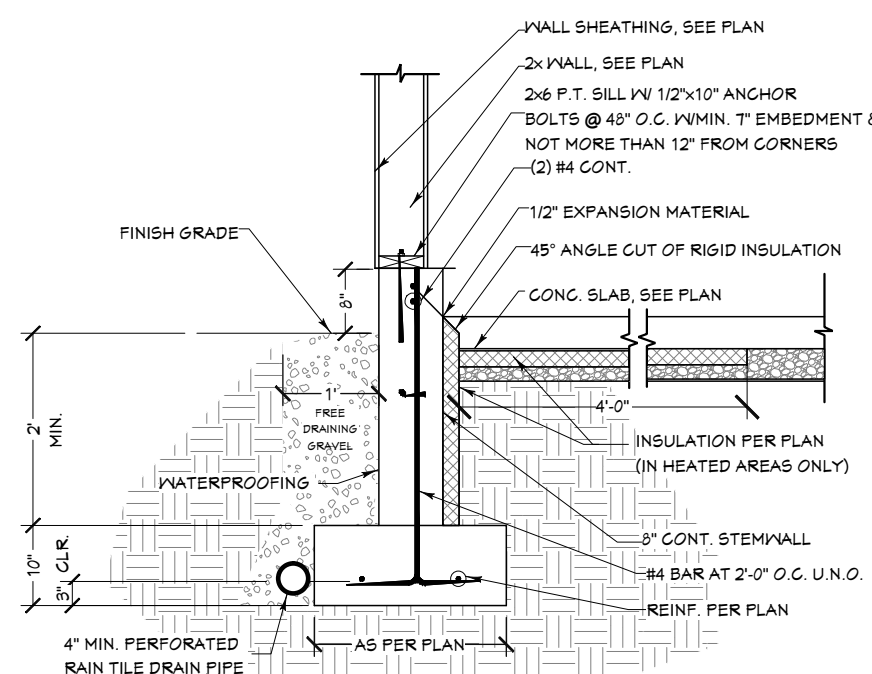
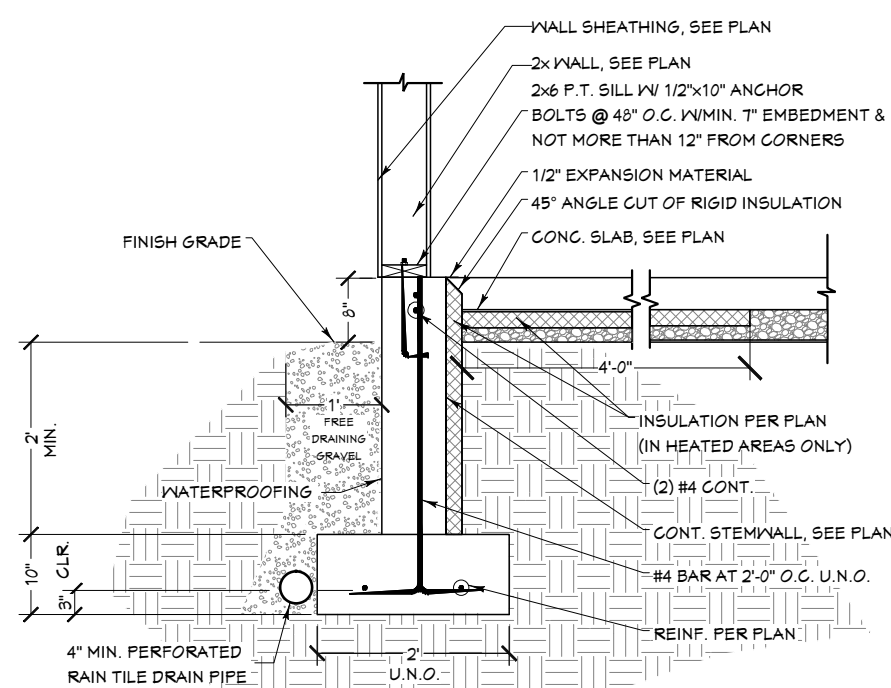
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SCALE: SEE PLAN  
START DATE: 3/2/2017  
PRINT DATE: 4/21/2017  
DRAWN BY: Steve Curtis

FOUNDATION



FOUNDATION PLAN 3/16" = 1'-0"



FOUNDATION CONCRETE

FOOTING	13 Cu Yd
STEM WALLS	10 Cu Yd
CONCRETE SLAB	21 Cu Yd
TOTAL CONCRETE	43 Cu Yd

FOUNDATION NOTES:  
ALL ANGLE 45° UNO  
6" THICK WALLS CONCRETE  
FOUNDATION WALLS  
ARE TO CENTER OF FOOTING

FOOTING SCHEDULE

WIDTH	DEPTH	REINFORCEMENT
F1.5 16"	10"	(2) #4 CONT. REBAR
F2 24"	10"	(3) #4 CONT. REBAR
F2.5 30"	10"	(4) #4 CONT. REBAR
F3 36"	10"	(4) #4 CONT. REBAR
F4 48"	10"	(4) #4 CONT. REBAR

SHEET INDEX

PAGE	TITLE
A1	COVER SHEET
A2	FLOOR PLAN - 1ST LEVEL
A3	FOUNDATION
A4	WALL BRACING
A5	ROOF LAYOUT
A7	ELEVATIONS
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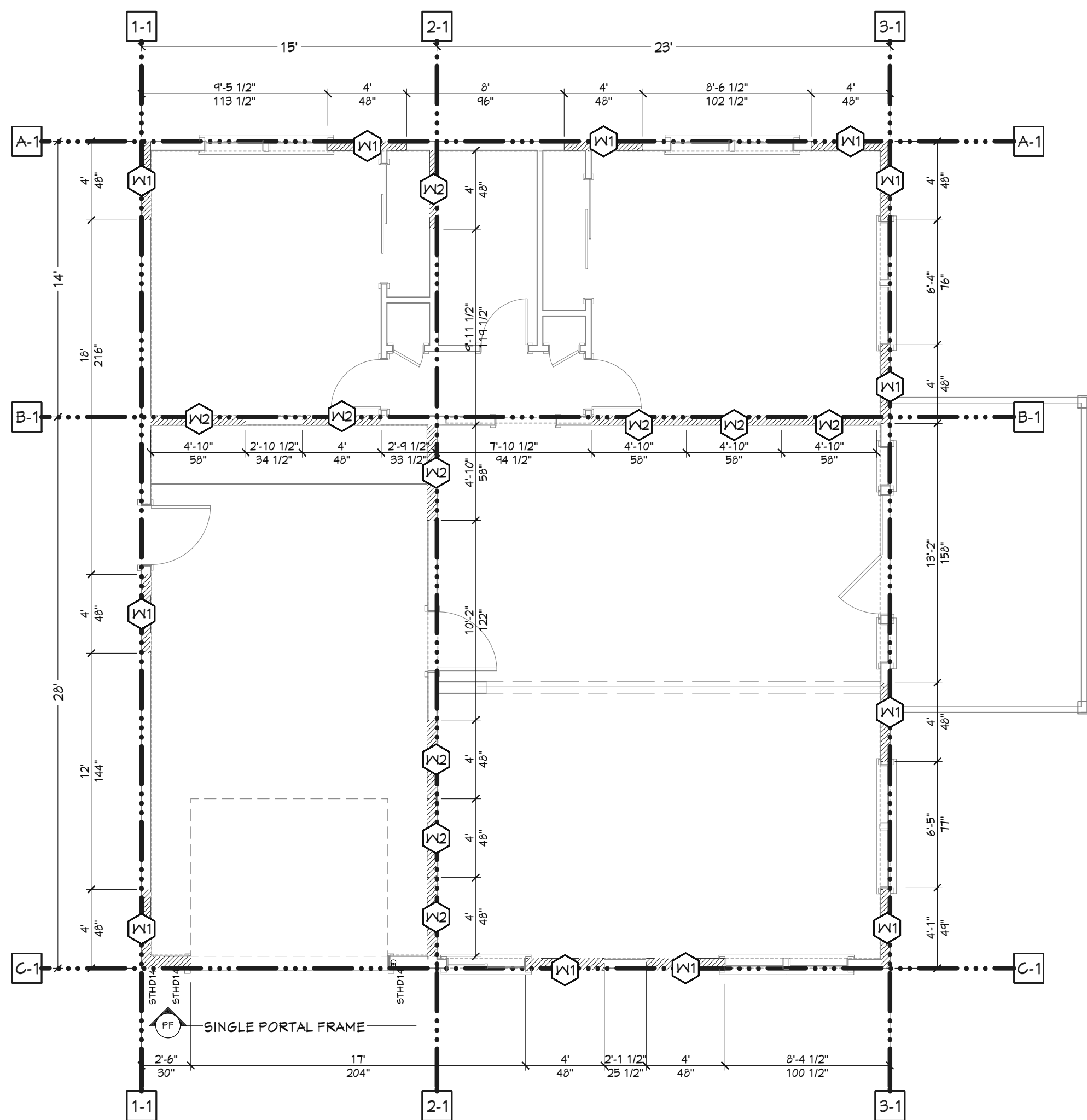
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WALL BRACING

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SHEET NUMBER  
A4  
PAGE 4 OF 9



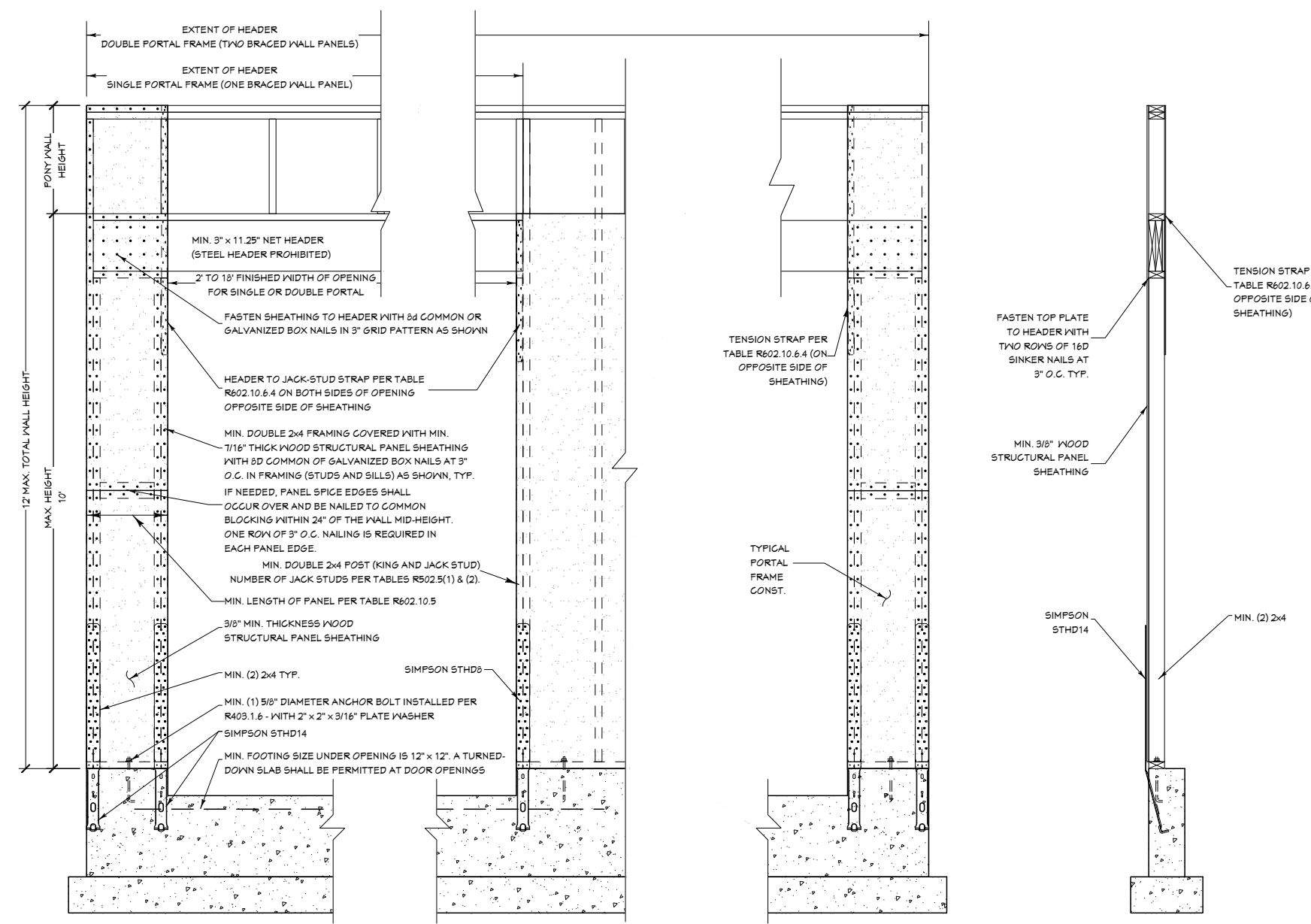
WALL BRACING PLAN - 1ST LEVEL 3/16" = 1'-0"

BWP CONSTRUCTION METHOD LEGEND

- LIB - LET IN BRACING
- DWB - DIAGONAL WOOD BOARDS
- WSP - WOOD STRUCTURAL PANEL
- SFB - STRUCTURAL FIBER BOARD
- GB - GYPSUM BOARD
- PBS - PARTICLEBOARD SHEATHING
- PCP - PORTLAND CEMENT PLASTER
- HPS - HARDBOARD PANEL SIDING
- ABW - ALTERNATE BRACED WALL
- IPF - INTERMITTENT PORTAL FRAME
- CS-WSP - CONT. SHEATHING - WOOD STRUCTURAL PANEL
- CS-G - WOOD STRUCTURAL PANEL ADJACENT TO GARAGE & SUPPORTING ROOF LOAD ONLY
- CS-PF - CONT. PORTAL FRAME

BRACED PANEL LENGTH TABLE

BRACED WALL LINE	REQUIRED BRACING LENGTH (FT.)	PROVIDED BRACING LENGTH
MAIN LEVEL		
Wall Line A-1	8' 3"	12'-0"
Wall Line B-1	16' 11"	20'-10"
Wall Line C-1	10' 4"	16'-0"
Wall Line 1-1	9' 1"	12'-0"
Wall Line 2-1	18' 8"	19'-4"
Wall Line 3-1	10' 4"	12'-0"



PORTAL FRAME DETAIL WITH HOLD DOWNS  
SCALE: 3/8" = 1' ft

2015 IRC Required Braced-Wall-Line Length Calculations

PROJECT INFORMATION  
NAME: 17-012 Ganger  
ADDRESS: New Meadows, ID  
WALL DIRECTION: Front to Back  
SEISMIC DESIGN CATEGORY: D0  
ULTIMATE DESIGN WIND SPEED: 115 mph  
WIND EXPOSURE CATEGORY: C  
STONE OR MASONRY VENEER: No

WALL LINE	WALL LINE 1-1	WALL LINE 2-1	WALL LINE 3-1
Braced Wall Line Location	1st of Valley	1st of Valley	1st of Valley
Base to Ridge Height	19.9'	19.9'	19.9'
Braced Wall Line Length	14.88 ft	28.88 ft	28.88 ft
Height	9.9'	9.9'	9.9'
Roofing Method	USP	USP	USP
OB Construction Type	NA	OB Double Sided (2-1/2\"/>	

2015 IRC Required Braced-Wall-Line Length Calculations

PROJECT INFORMATION  
NAME: 17-012 Ganger  
ADDRESS: New Meadows, ID  
WALL DIRECTION: Side to Side  
SEISMIC DESIGN CATEGORY: D0  
ULTIMATE DESIGN WIND SPEED: 115 mph  
WIND EXPOSURE CATEGORY: C  
STONE OR MASONRY VENEER: No

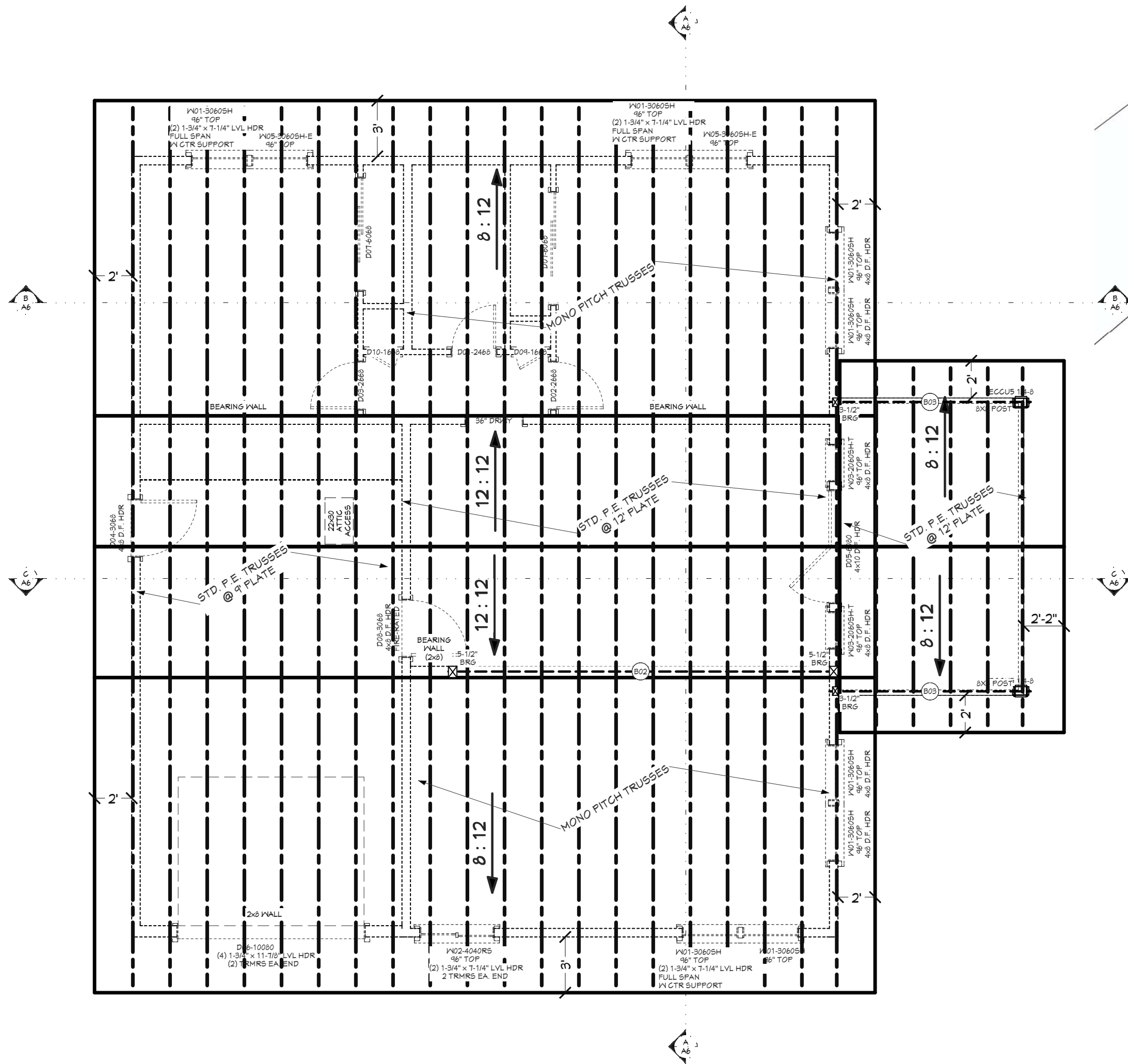
WALL LINE	WALL LINE 1-1	WALL LINE 2-1	WALL LINE 3-1
Braced Wall Line Location	1st of Valley	1st of Valley	1st of Valley
Base to Ridge Height	19.9'	19.9'	19.9'
Braced Wall Line Length	11.88 ft	22.88 ft	22.88 ft
Height	9.9'	9.9'	9.9'
Roofing Method	USP	USP	USP
OB Construction Type	NA	OB Double Sided (2-1/2\"/>	

SHEET INDEX

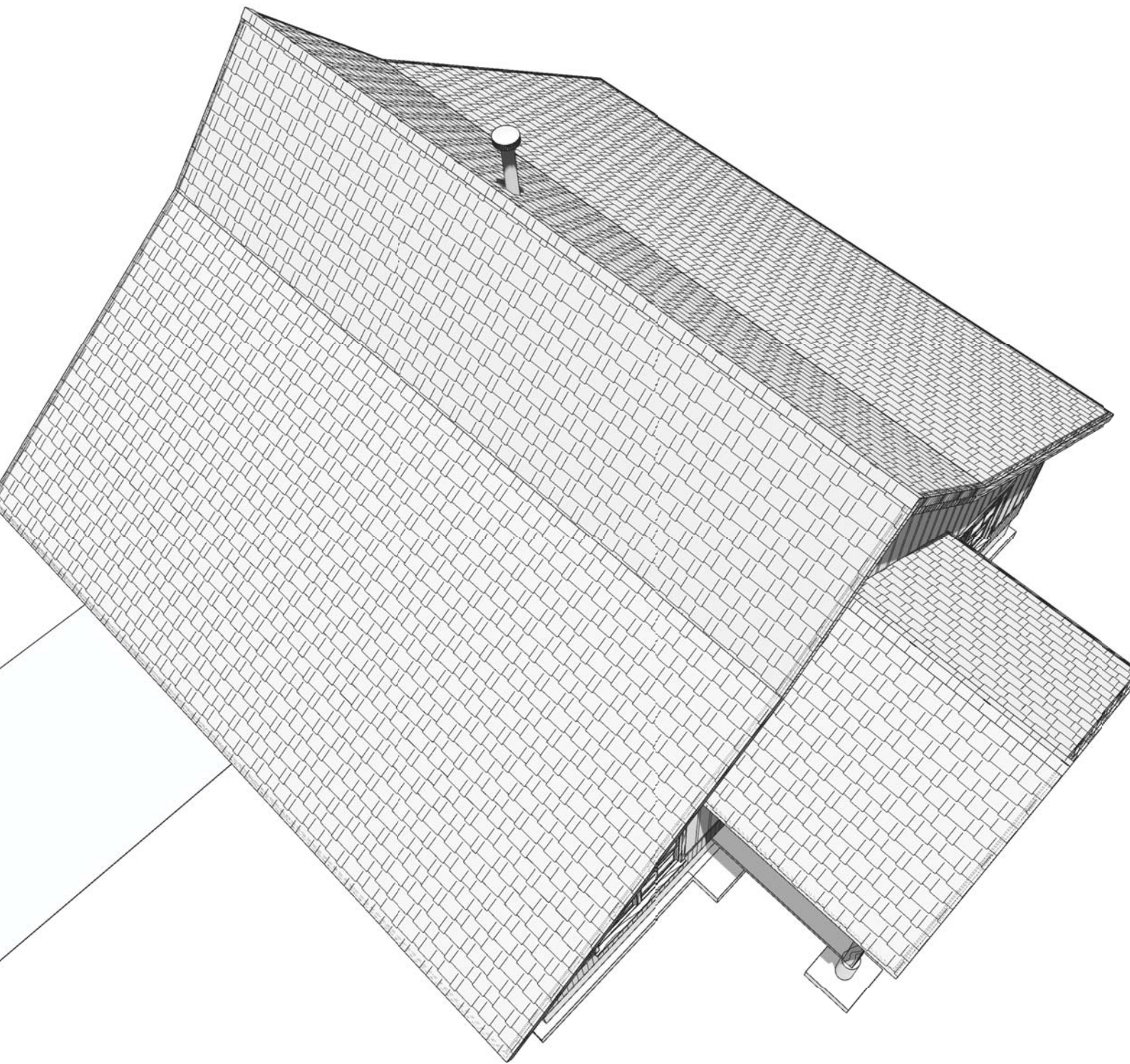
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A1	COVER SHEET
A2	FLOOR PLAN - 1ST LEVEL
A3	FOUNDATION
A4	WALL BRACING
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E1	ELECTRICAL

BEAM SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
B02	1	6 3/4" X 30"	6 3/4"	30"	GLULAM
B03	2	5 1/8" X 14"	5 1/8"	13 1/2"	GLULAM

HEADER SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
H01	2	2" X 11 7/8"	1 3/4"	11 7/8"	LVL
H02	2	2" X 11 7/8"	1 3/4"	1 3/4"	LVL
H03	7	2" X 4"	1 1/2"	3 1/2"	LUMBER
H04	8	2" X 8"	1 3/4"	7 1/4"	LVL
H05	1	4" X 10"	3 1/2"	4 1/4"	LUMBER
H06	7	4" X 8"	3 1/2"	7 1/4"	LUMBER



ROOF LAYOUT - 1ST LEVEL 3/16" = 1'-0"



ROOF OVERVIEW

**ROOF MATERIALS**

RIDGE CAP	55 Ft
90 DEG. FLASHING	24 Ft
RIDGE VENT	139 Ft
SHINGLES	2840 Sq. Ft.
O5B	87 Ea
GABLE FASCIA	146 Ft
EAVE FASCIA	109 Ft
DRIP EDGE	254 Ft

**ROOF FRAMING NOTES:**  
 ALL EAVE OVERHANGS 36" UNO  
 ALL GABLE OVERHANGS 24" UNO

PAGE	TITLE
A1	COVER SHEET
A2	FLOOR PLAN - 1ST LEVEL
A3	FOUNDATION
A4	WALL BRACING
A5	ROOF LAYOUT
A6	SECTION VIEWS
A7	ELEVATIONS
A8	ELEVATIONS
E1	ELECTRICAL

PROJECT NO.  
17-012

2 BDRM - 1 BATH SINGLE LEVEL FOR GANGER  
 BLACK HORN RANCH - ADAMS CO.,ID

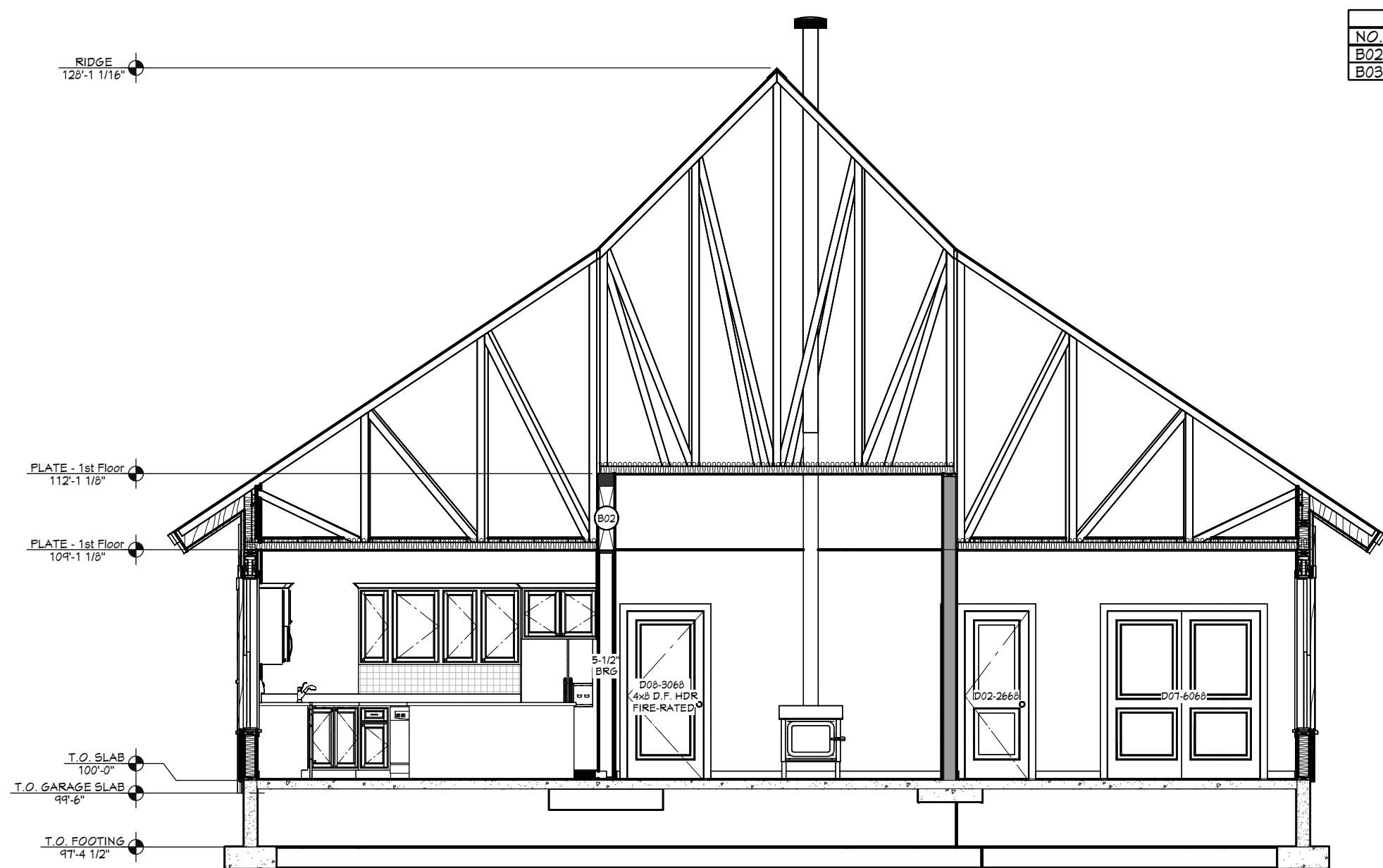
CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR TO CONSTRUCTION, AND REPORT ANY OMISSIONS AND/OR ERRORS TO SMC DESIGN. THE PURCHASER OR BUILDER OF THIS PLAN RELEASES SMC DESIGN FROM ANY CLAIMS, LITIGATIONS OR SUITS THAT MAY ARISE DURING CONSTRUCTION OR ANYTIME THEREAFTER.

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 START DATE: 3/2/2017  
 PRINT DATE: 4/21/2017  
 SCALE: SEE PLAN

ROOF LAYOUT

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**A5**  
 PAGE 5 OF 9



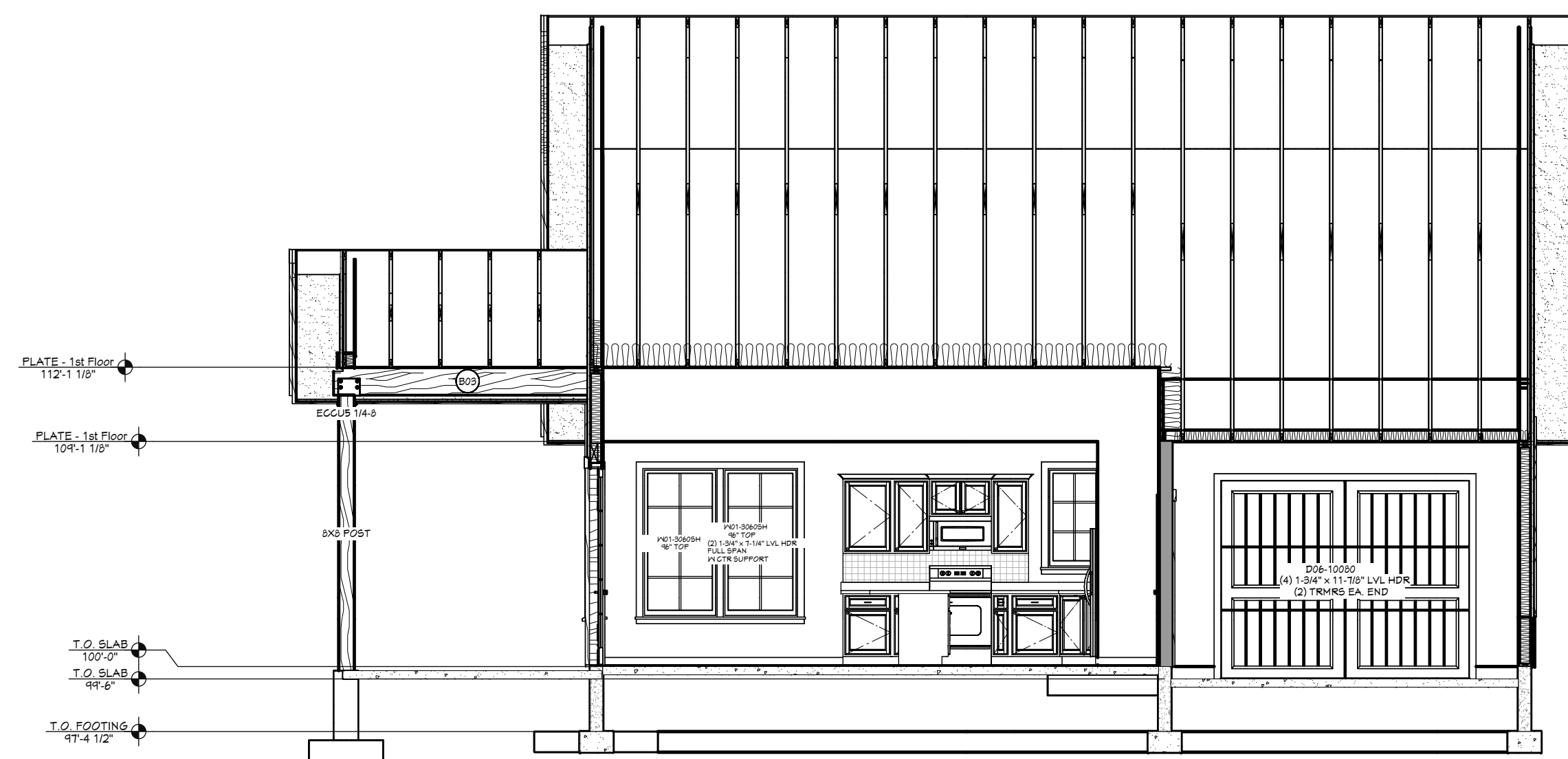
VIEW A - A 3/16" = 1'-0"

BEAM SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
B02	1	6 3/4" X 30"	6 3/4"	30"	GLULAM
B03	2	5 1/8" X 14"	5 1/8"	13 1/2"	GLULAM

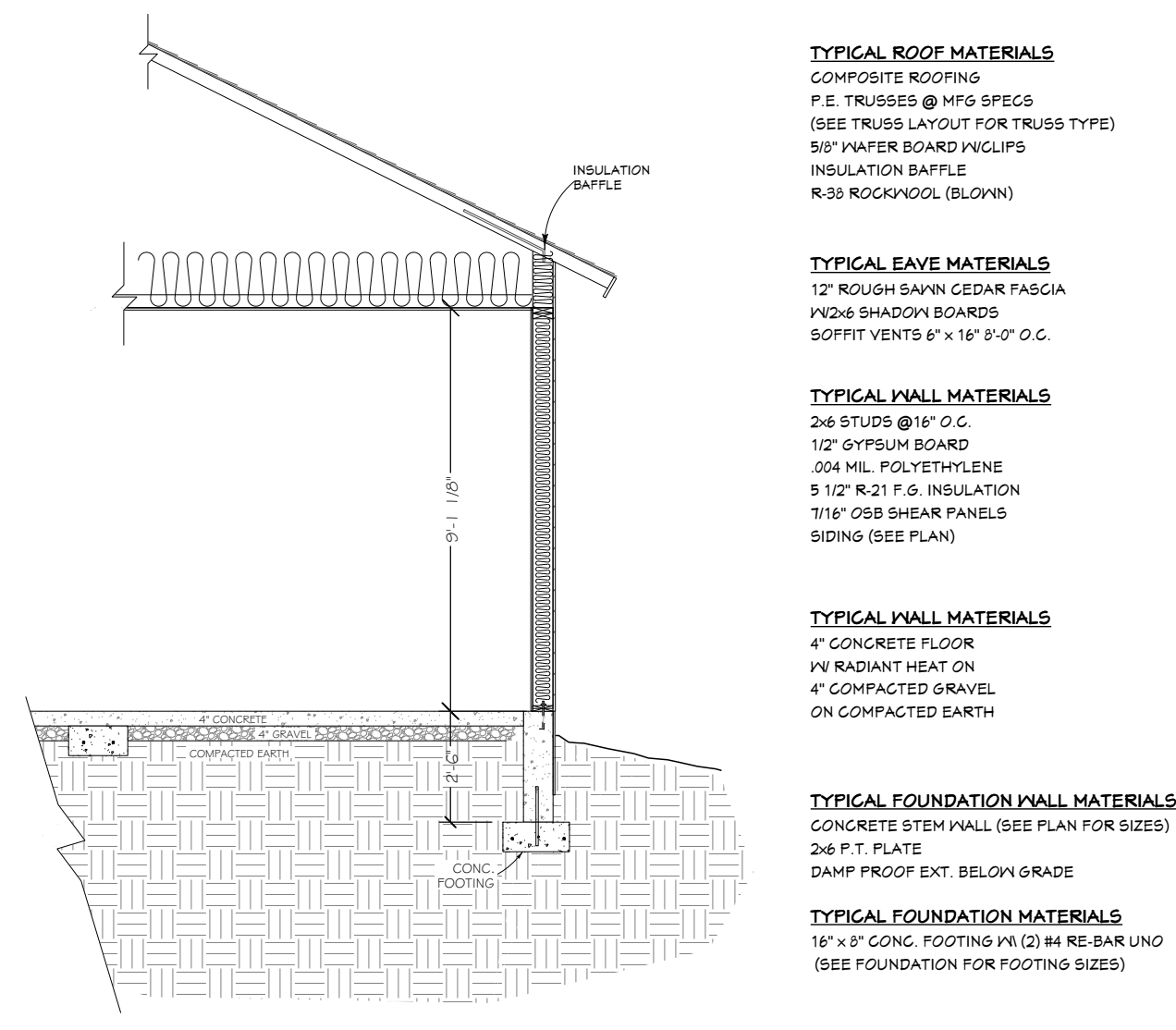
HEADER SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
H01	2	2" X 11 7/8"	1 3/4"	11 7/8"	LVL
H02	2	2" X 11 7/8"	1 1/8"	1 3/4"	LVL
H03	7	2" X 4"	1 1/2"	3 1/2"	LUMBER
H04	8	2" X 8"	1 3/4"	7 1/4"	LVL
H05	1	4" X 10"	3 1/2"	9 1/4"	LUMBER
H06	7	4" X 8"	3 1/2"	7 1/4"	LUMBER



VIEW B - B 3/16" = 1'-0"



VIEW C - C 3/16" = 1'-0"



TYPICAL CROSS SECTION

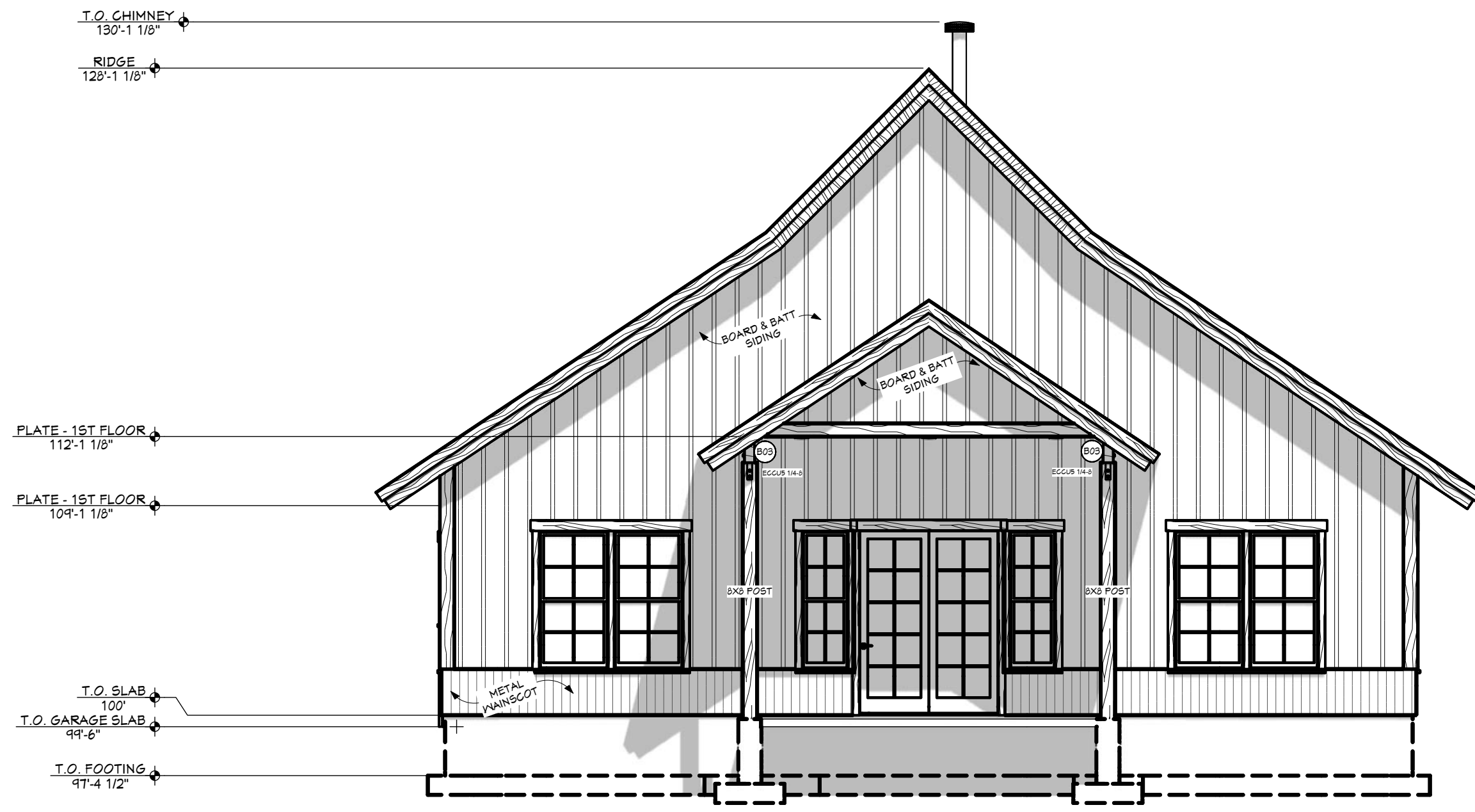
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SCALE: SEE PLAN  
START DATE: 3/2/2017  
PRINT DATE: 4/27/2017  
DRAWN BY: Steve Curtis

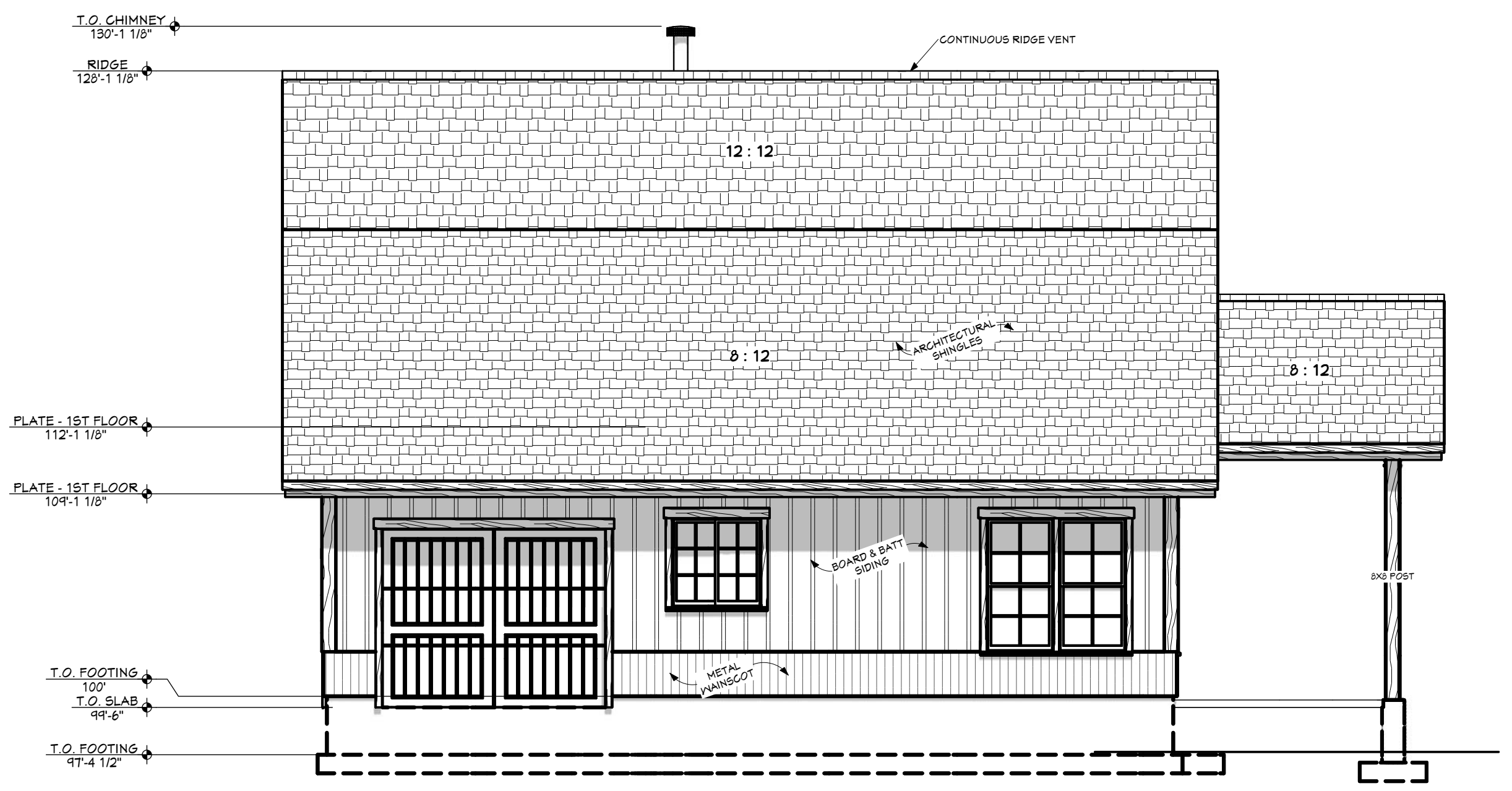
SECTION VIEWS

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FRONT ELEVATION 3/16" = 1'-0"

BEAM SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
B02	1	6 3/4" X 30"	6 3/4"	30"	GLULAM
B03	2	5 1/8" X 14"	5 1/8"	13 1/2"	GLULAM



LEFT ELEVATION 3/16" = 1'-0"

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A7	ELEVATIONS
A8	ELEVATIONS
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PROJECT NO.  
17-012

2 BDRM - 1 BATH SINGLE LEVEL FOR GANGER  
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SCALE: SEE PLAN  
DRAWN BY: Steve Curtis  
START DATE: 3/2/2017  
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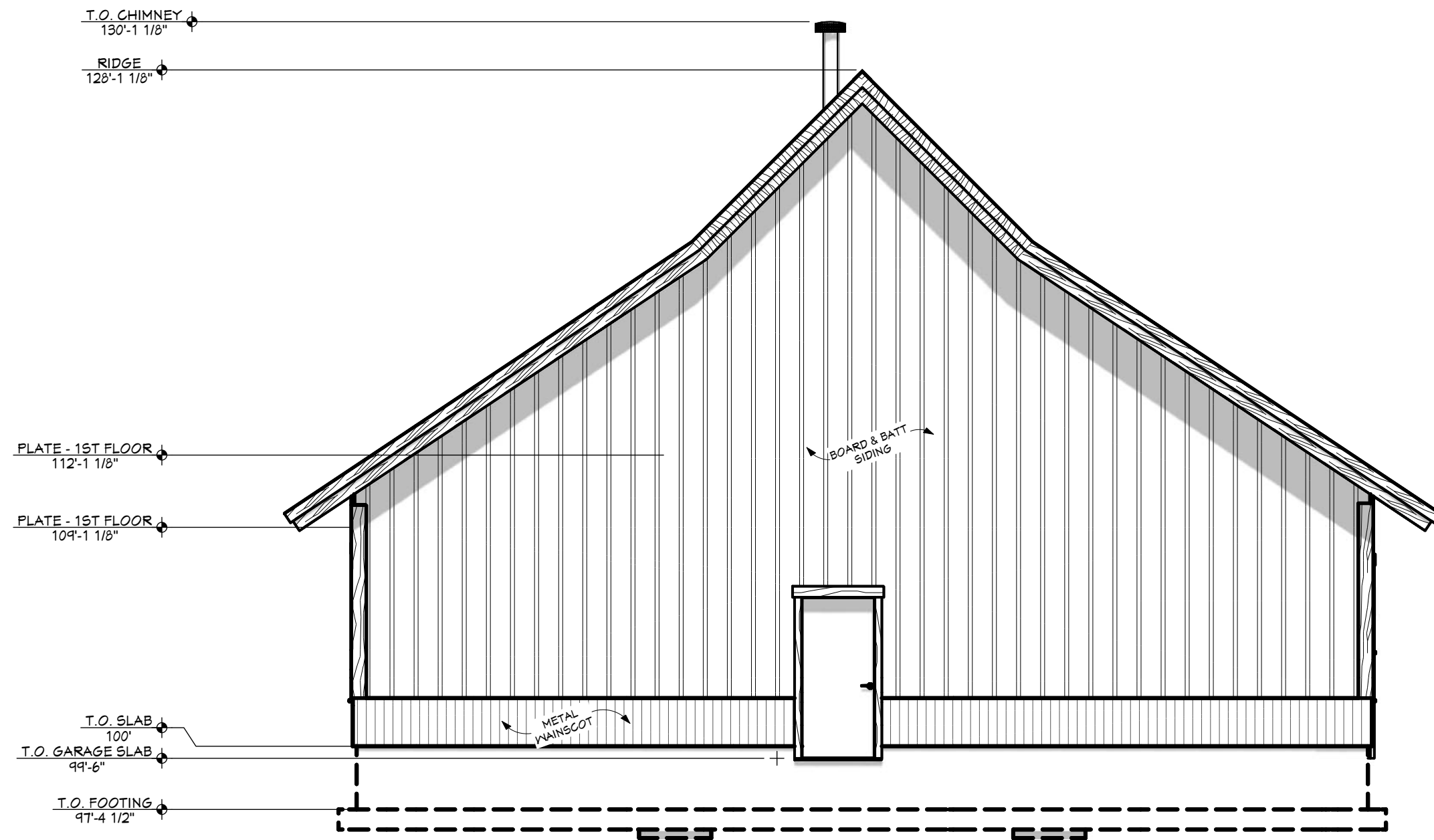
ELEVATIONS

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**A7**  
PAGE 7 OF 9

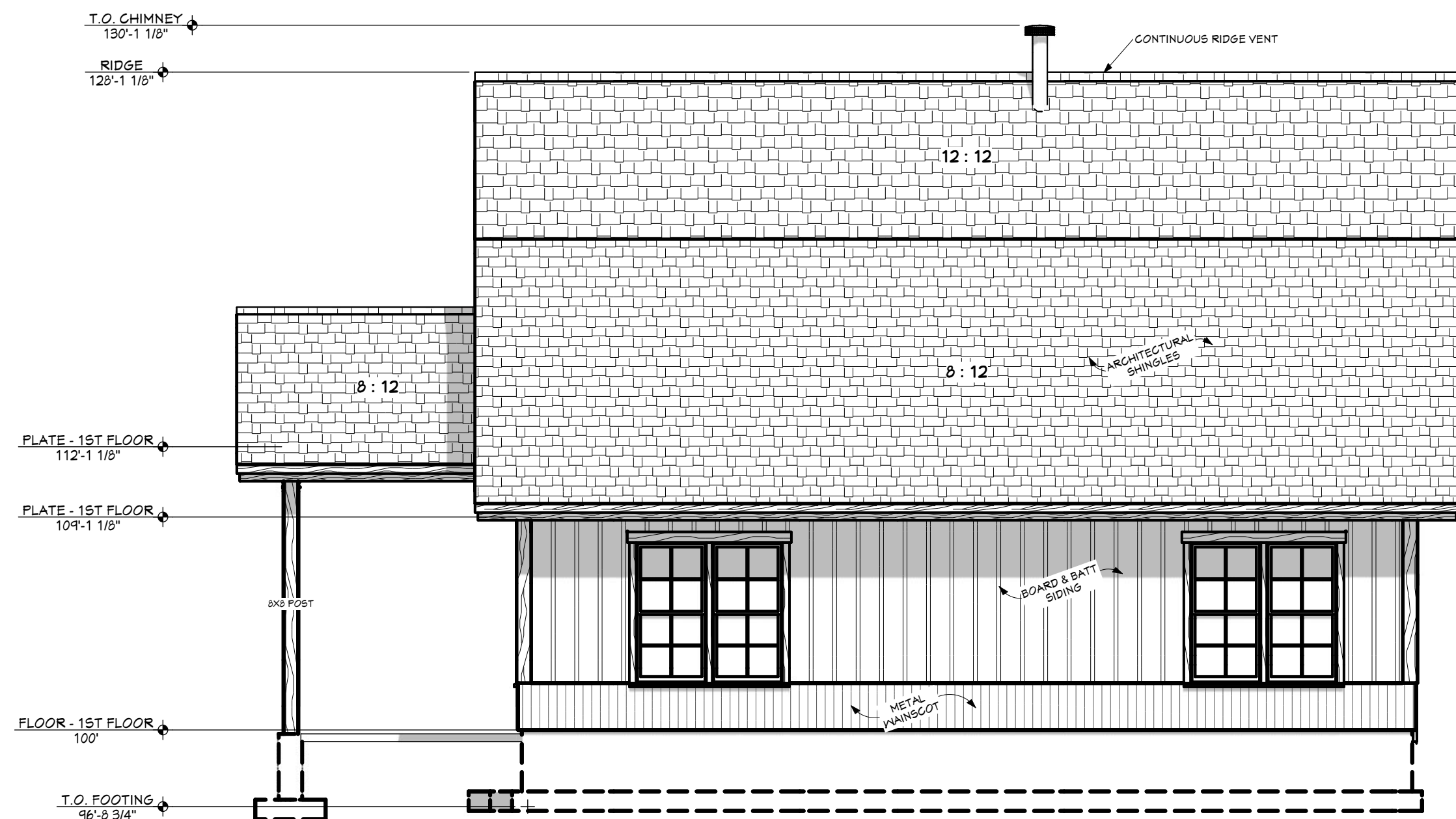
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REAR ELEVATION 3/16" = 1'-0"

BEAM SCHEDULE					
NO.	QTY	NOMINAL	WIDTH	DEPTH	TYPE
B02	1	6 3/4" X 30"	6 3/4"	30"	GLULAM
B03	2	5 1/8" X 14"	5 1/8"	13 1/2"	GLULAM



RIGHT ELEVATION 3/16" = 1'-0"

SCALE:  
SEE PLAN

START DATE: 3/2/2017  
PRINT DATE: 4/27/2017

DRAWN BY:  
Steve Curtis

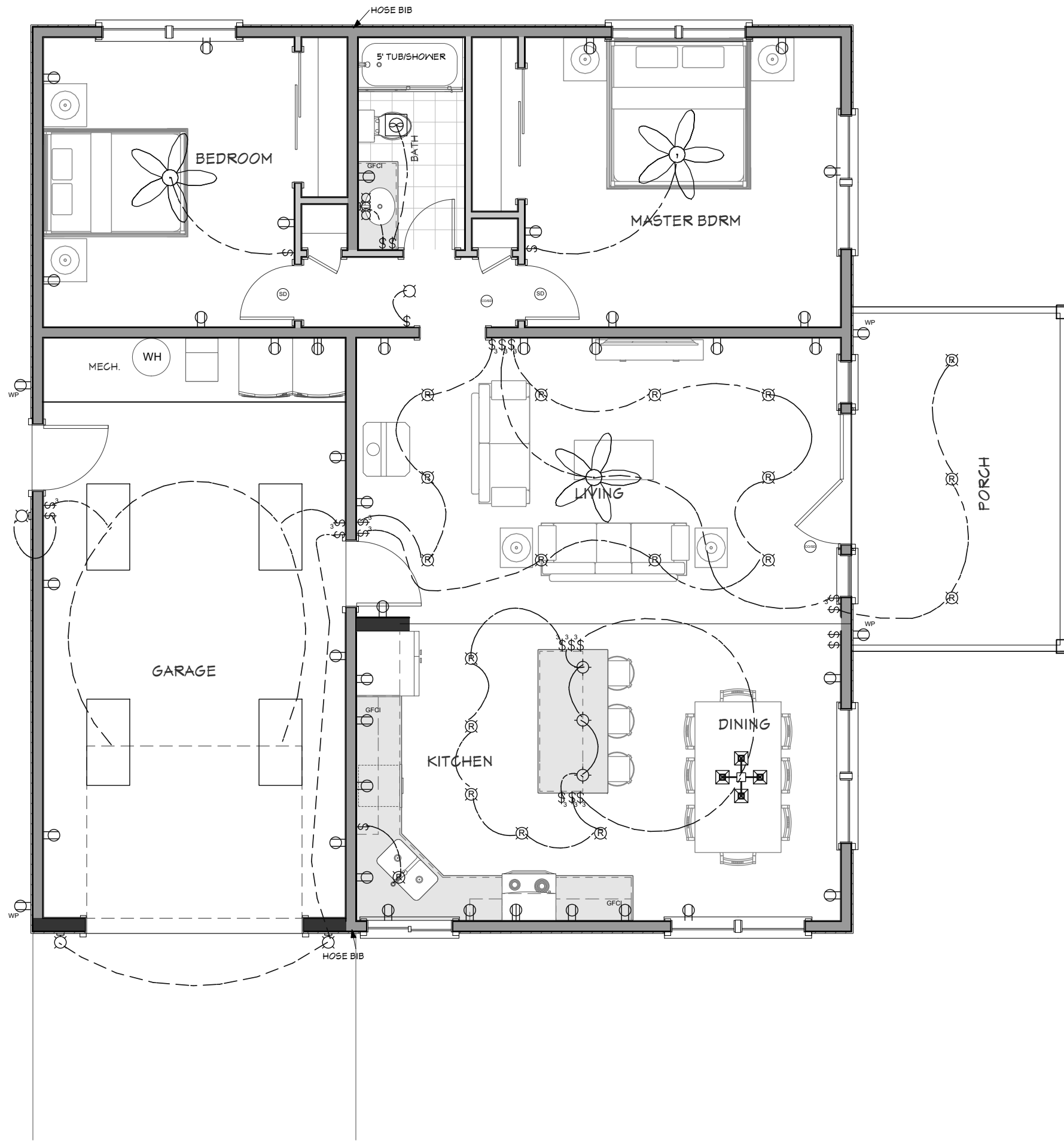
ELEVATIONS

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A8	ELEVATIONS
E1	ELECTRICAL

SHEET NUMBER  
**A8**  
PAGE 8 OF 9





**ELECTRICAL - 1ST LEVEL 3/16" = 1'-0"**

ELECTRICAL SCHEDULE			
NUMBER	QTY	2D SYM	FLOOR DESCRIPTION
E01	19	(Symbol)	RECESSED DOWN LIGHT 6
E02	14	(Symbol)	THREE WAY
E03	4	(Symbol)	DUPLEX (WEATHERPROOF)
E04	1	(Symbol)	FLUSH MOUNT CEILING LIGHT
E05	3	(Symbol)	CEILING FAN W LIGHT
E06	11	(Symbol)	SINGLE POLE
E07	3	(Symbol)	CRAFTSMAN PENDANT
E08	1	(Symbol)	CRAFTSMAN CHANDELIER
E09	4	(Symbol)	MEDIUM DOUBLE SURFACE MOUNTED TUBE LIGHT [48W210]
E10	14	(Symbol)	
E11	1	(Symbol)	VANITY LIGHT
E12	1	(Symbol)	EXHAUST
E13	3	(Symbol)	CAGED LANTERN
E14	22	(Symbol)	DUPLEX
E15	2	(Symbol)	220V
E16	2	(Symbol)	SMOKE DETECTOR
E17	2	(Symbol)	CO/SMOKE DETECTOR

**PROJECT NO.**  
17-012

**2 BDRM - 1 BATH SINGLE LEVEL FOR GANGER  
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**SCALE:** SEE PLAN  
**START DATE:** 3/2/2017  
**PRINT DATE:** 4/27/2017

**ELECTRICAL**

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**SHEET NUMBER**  
**E1**  
PAGE 9 OF 9