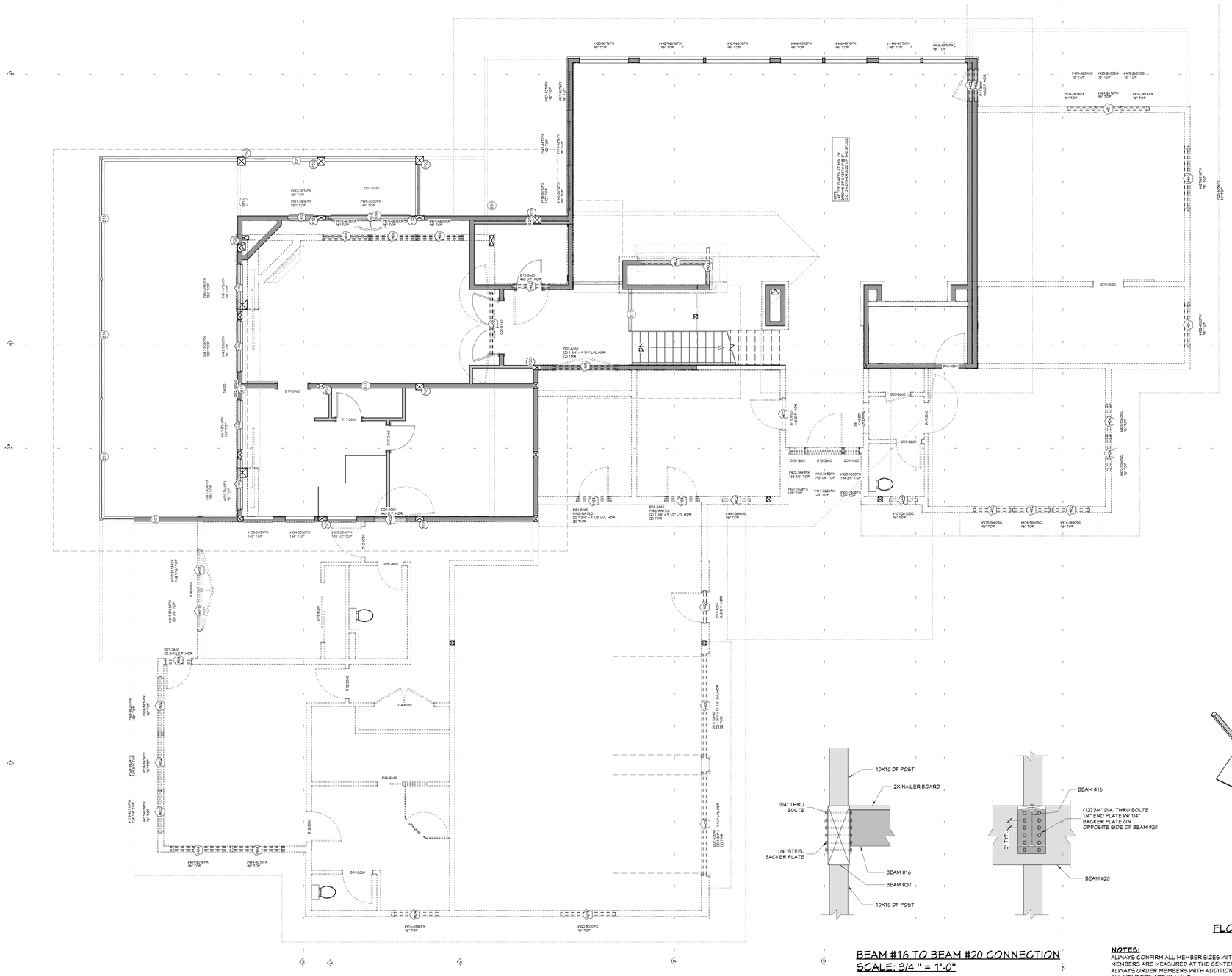
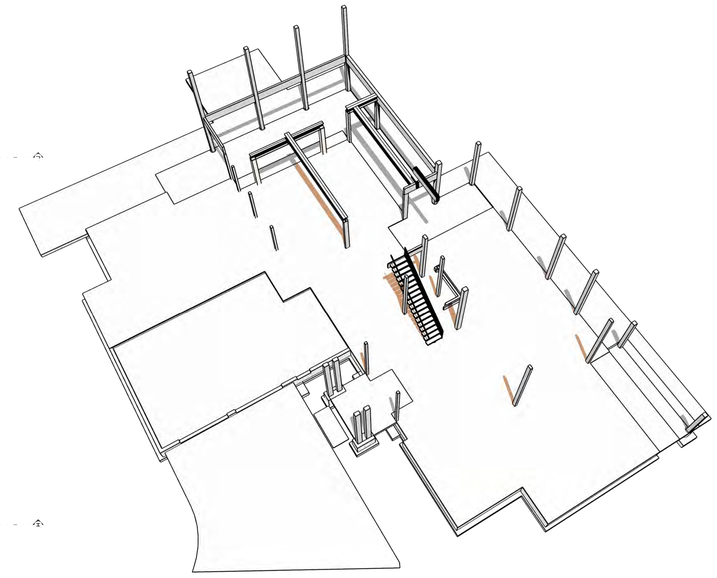
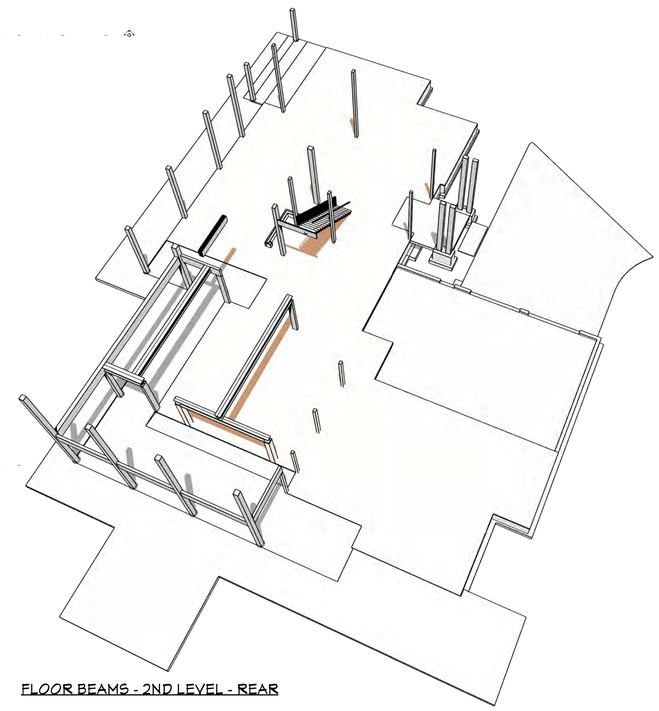




FLOOR BEAMS - 2ND LEVEL - FRONT



FLOOR BEAMS - 2ND LEVEL - REAR

BEAM #16 TO BEAM #20 CONNECTION
SCALE: 3/4 " = 1'-0"

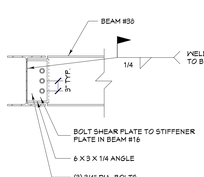
NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

FLOOR BEAMS - 2ND LEVEL 1/4 " = 1'-0"

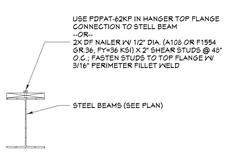
HEADER SCHEDULE	
MARK	TYPE
H01	(1) 4X10 D.F.
H02	(1) 4X6 D.F.
H03	(2) 1 3/4 X 11 1/4 LVL
H04	(2) 1 3/4 X 9 1/2 LVL
H05	(2) 1 3/4 X 14 LVL
H06	(2) 2X12 D.F.
H07	(3) 1 3/4 X 9 1/2 LVL
H08	(3) 2X12 D.F.

BEAM SCHEDULE							
NO	PLIE	PLY(S)	NOTES	GTR. LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-21) 6 3/4 X 16 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	26'-3 3/4"	1
B02	2	1	(8-22) 6 3/4 X 16 1/2 GLULAM - VOID	57'-8 3/8"	27'-1 1/4"	26'-3 3/4"	2
B03	2	1	(8-23) 6 3/4 X 16 1/2 GLULAM - VOID	64'-3 5/8"	27'-1 1/4"	26'-3 3/4"	3
B04	2	1	(8-24) 6 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	4
B05	2	1	(8-25) 6 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	5
B06	2	1	(8-26) 6 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	6
B07	2	1	(8-27) 5 3/4 X 21 GLULAM	37'-1 3/8"	26'-1 5/8"	24'-10 5/8"	1
B08	2	1	(8-00) 5 3/4 X 21 GLULAM	6'-11 1/8"	29'-4 5/8"	29'-4 5/8"	2
B09	2	1	(8-04) 5 3/4 X 21 GLULAM	31'-5 5/8"	24'-10 5/8"	22'-1 5/8"	4
B10	2	1	(8-10) 5 3/4 X 21 GLULAM	31'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 5 3/4 X 21 GLULAM	22'-2 1/4"	29'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 5 3/4 X 16 1/2 GLULAM	6'-1 1/2"	11'-1"	16'-2 1/2"	12
B13	1	1	(8-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(8-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(8-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(8-16) 14 3/16 X 14 5/0 - (4) 14X9R A992	7'-3 1/2"	11'-3 1/8"	12'-1"	16
B17	1	1	(8-17) 1 3/4 X 18 MICRO/LAM LVL	0'-7"	11'-1 1/8"	12'-1 1/8"	17
B18	1	1	(8-18) 12 7/8 X 15 1/8 - (4)22X18 A992	26'	11'-4 1/4"	12'-1 1/8"	18
B19	1	1	(8-19) 12 3/8 X 13 - (4)18X50 A992	13'	10'-1 1/8"	8'-3 1/8"	19
B20	1	1	(8-20) 3 3/4 X 24 GLULAM - VOID	30'-0 3/4"	11'-3 1/8"	4'-3 1/8"	20
B21	1	1	(8-21) 6 3/4 X 18 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 5/8"	21
B22	1	1	(8-22) 6 3/4 X 18 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 6 3/4 X 18 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 6 3/4 X 18 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 6 3/4 X 18 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 6 3/4 X 18 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	14'-1"	26
B27	1	1	(8-27) 6 3/4 X 13 GLULAM - VOID	33'-1/2"	20'-5"	18'-11"	27
B28	1	1	(8-20) 3 3/4 X 24 GLULAM	18'-4 7/8"	19'-11 1/8"	13'-11 1/8"	28
B29	1	5	(8-29) 1 3/4 X 13 MICRO/LAM LVL	0'-5 7/8"	18'-0 1/8"	14'-6 1/8"	29
B30	1	1	(8-30) 3 3/4 X 24 GLULAM	23'-5 3/4"	11'-0 7/8"	19'-0 7/8"	30
B31	1	1	(8-31) 3 3/4 X 24 GLULAM	31'-1 1/2"	18'-3 1/4"	16'-3 1/4"	31
B32	1	1	(8-32) 3 3/4 X 24 GLULAM	23'-5 1/2"	14'-1 1/8"	17'-1 1/8"	32
B33	1	1	(8-33) 3 3/4 X 21 GLULAM	15'-5 1/2"	10'-10 1/8"	2'-1 1/8"	33
B34	1	1	(8-34) 6 3/4 X 21 GLULAM	26'-0 3/8"	11'-10 7/8"	12'-1 7/8"	34
B35	1	1	(8-35) 3 3/4 X 13 GLULAM	21'-4"	17'-1"	16'-1"	35
B36	1	1	(8-36) 6 3/4 X 13 GLULAM	21'-1"	16'-2"	14'-3"	36
B37	1	1	(8-37) 5 1/8 X 24 GLULAM	6'-1 1/4"	11'-5 1/8"	4'-8 1/8"	37
B38	1	1	(8-38) 14 3/16 X 14 5/0 - (4) 14X9R A992	24'-4 1/4"	11'-3 1/8"	12'-0 7/8"	38
B39	1	1	(8-39) 5 1/8 X 24 GLULAM	6'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(8-01)1 3/4 X 18 GLULAM (COSMETIC)	11'-3"	10'-1 1/8"	2'-1 1/8"	1F
B41	1	1	(8-02)1 3/4 X 18 GLULAM (COSMETIC)	11'-3 1/2"	10'-1 1/8"	2'-1 1/8"	2F
B42	1	1	(8-03)1 3/4 X 18 GLULAM (COSMETIC)	11'-4 7/8"	10'-1 1/8"	2'-1 1/8"	3F
B43	1	1	(8-04)1 5 1/8 X 18 GLULAM (COSMETIC)	7'-0 3/8"	10'-1 1/8"	2'-1 1/8"	4F
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
A1	FLOOR BEAMS- 2ND LEVEL
A2	ROOF BEAMS - 1ST LEVEL
A3	ROOF BEAMS - 2ND LEVEL
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW



BEAM #38 TO BEAM #16 CONNECTION
SCALE: 3/4 " = 1'-0"



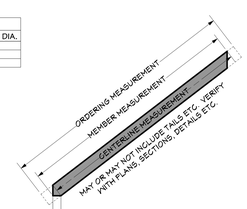
NAILER BOARD @ STEEL BEAM
SCALE: 3/4 " = 1'-0"

POST SCHEDULE			
NO	QTY	PLIE	NOTES
P01	11	1	10X10 D.F. #2
P02	4	2	10X10 D.F. #2
P03	3	1	12X12 D.F. #2
P04	5	1	8X12 D.F. #2
P05	1	2	8X10 D.F. #2
P06	2	1	8X10 D.F. #2
P07	1	1	10X12 D.F. #2
P08	4	2	8X10 D.F. #2
P09	1	2	6X6 D.F. #2
P10	1	1	8X12 D.F. #2
P11	4	1	8X8 D.F. #2
P12	2	1	8X8 D.F. #2
P13	2	1	6X12 D.F. #2
P14	2	1	5 1/2 X 12 1/2 D.F. #2

STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
0'- 1 0"	3/8"	1/4"	(2) 3/4" DIA.
1'- 1 4"	3/8"	1/4"	(3) 3/4" DIA.
1'- 5 1 6"	3/8"	1/4"	(4) 3/4" DIA.

BLKG & BAND/ROAD TRUSS OR RSH KEY NOTES:	
CALLOUT	DESCRIPTION
BK3	INSTALL 4X BLOCKING BETWEEN EVERY OTHER TRUSS BAYS (W/ 2X4 BRACE TO TOP PLATE OF TOP PLATE, (W/ 2X2SUB @ 2' O.C.(STAGGERED)
T1	ATTACH BAND/ROAD TRUSS OR RSH TO TOP PLATE (W/ 100 TOENAILS @ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS
T3	ATTACH BAND/ROAD TRUSS OR RSH TO TOP PLATE (W/ 100 TOENAILS @ 3" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS OR RSH
BK1	ATTACH BAND/ROAD TRUSS OR RSH TO TOP PLATE (W/ 100 TOENAILS @ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT LG.	MEMBER NAILS	FACE NAILS
B01	FAB HGR 1	N/A	3-3/8"	2 - 3/4 X THRU	8 - 1/2" X 4" LAG
B04	HGU 3311	N/A	4-00"	8-10D COIL	18-10D
B05	HUS 3311	4-10D X1.5	4-00"	2-STRONG-TIE	N/A
B08	HGU 5.5/9		4-00"		
B09	FAB HGR 5	N/A	3-3/8"	2 - 3/4 X THRU	8 - 1/2" X 4" LAG
B26	ITS2.37/11.5	4-10D X1.5	2-00"	2-STRONG-GRIP	2-10D X1.5
B27	HU7.37/11	N/A	2-00"	6-10D X1.5	18-10D



PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY CO., ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" x 48")

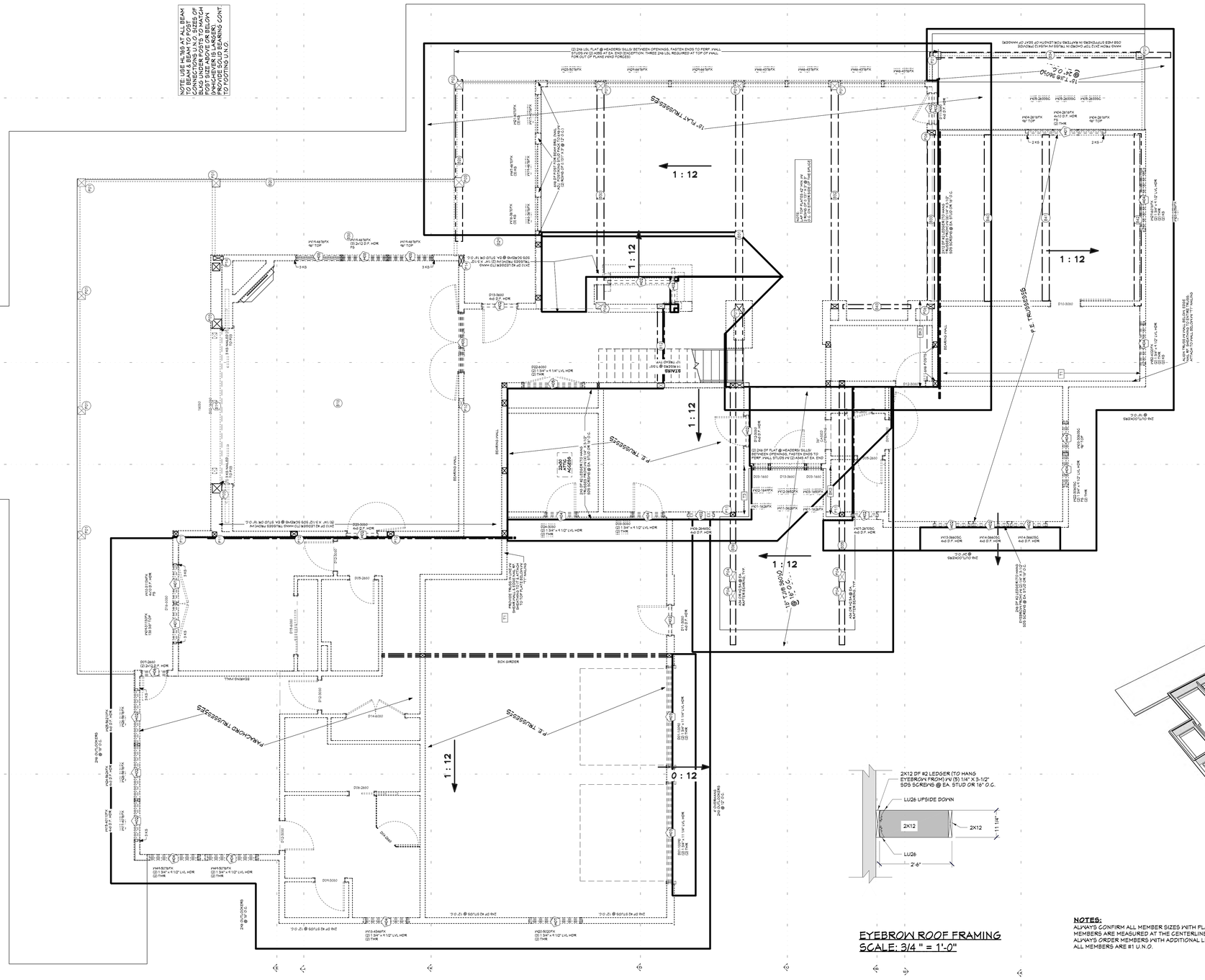
INITIAL DATE: 9/6/2020
PRINT DATE: 7/1/2022

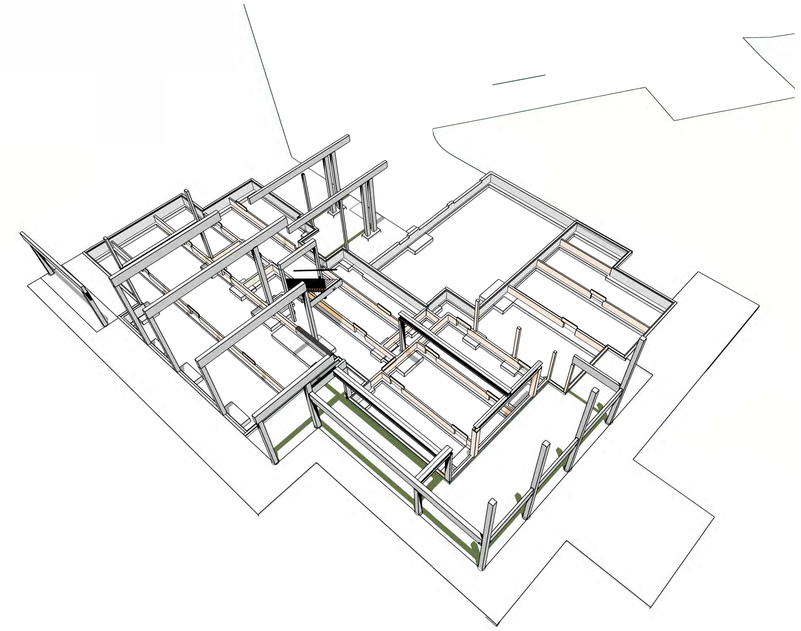
DRAWN BY:
Steve

FLOOR BEAMS- 2ND LEVEL

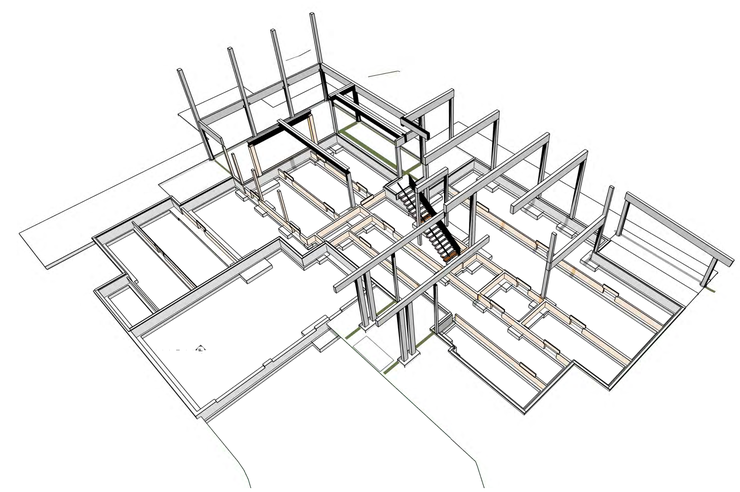
SMC Design
208.249.7288
Nampa, ID

SHEET NUMBER
A1
PAGE 1 OF 7





ROOF BEAMS - 1ST LEVEL - REAR



ROOF BEAMS - 1ST LEVEL - FRONT

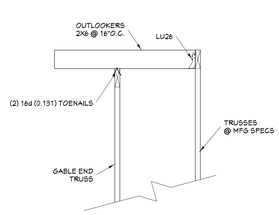
EYEBROW ROOF FRAMING
SCALE: 3/4 " = 1'-0"

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

HEADER SCHEDULE	
NO	TYPE
HD1	(1) 4X10 D F
HD2	(2) 4X10 D F
HD3	(2) 1 3/4 X 11 1/4 LVL
HD4	(2) 1 3/4 X 9 1/2 LVL
HD5	(2) 1 3/4 X 7 1/4 LVL
HD6	(2) 2X12 D F
HD7	(3) 1 3/4 X 9 1/2 LVL
HD8	(3) 2X12 D F

BEAM SCHEDULE								
NO	FLR	PLY(S)	NOTES	CTR LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-01) 8 3/4 X 18 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	26'-3 3/4"	1
B02	2	1	(8-02) 8 3/4 X 18 1/2 GLULAM - VOID	51'-8 5/8"	27'-1 1/4"	26'-3 3/4"	2
B03	2	1	(8-03) 8 3/4 X 18 1/2 GLULAM - VOID	49'-5 3/8"	27'-1 1/4"	26'-3 3/4"	3
B04	2	1	(8-04) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	4
B05	2	1	(8-05) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	5
B06	2	1	(8-06) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	6
B07	2	1	(8-07) 8 3/4 X 21 GLULAM	37'-1 3/8"	26'-10 5/8"	26'-1 5/8"	7
B08	2	1	(8-08) 8 3/4 X 21 GLULAM	41'-11 5/8"	26'-4 5/8"	25'-7 5/8"	8
B09	2	1	(8-09) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-10 5/8"	23'-11 5/8"	9
B10	2	1	(8-10) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 8 3/4 X 21 GLULAM	22'-3 1/4"	23'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 8 3/4 X 18 1/2 GLULAM	21'-1 1/2"	11'-5"	10'-2 1/2"	12
B13	1	1	(8-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	8'-3 1/8"	13
B14	1	1	(8-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	8'-3 1/8"	14
B15	1	1	(8-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	8'-3 1/8"	15
B16	1	1	(8-16) 14 5/16 X 14 5/8 - PX14XRI A/RH2	7'-8 1/2"	11'-3 1/8"	10'-1"	16
B17	1	1	(8-17) 1 3/4 X 13 MSC/GLULAM LVL	2'-7"	11'-1 1/8"	10'-1 1/8"	17
B18	1	1	(8-18) 12 7/8 X 15 1/8 - PX12X15E A/RH2	28'	11'-4 1/4"	10'-1 1/8"	18
B19	1	1	(8-19) 12 7/8 X 11 - PX12X9E A/RH2	13'	10'-1 1/8"	8'-6 1/8"	19
B20	1	1	(8-20) 3 1/4 X 24 GLULAM	35'-0 3/4"	11'-3 1/8"	4'-3 1/8"	20
B21	1	1	(8-21) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	21
B22	1	1	(8-22) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 8 3/4 X 18 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 8 3/4 X 18 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 8 3/4 X 18 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	14'-1"	26
B27	1	1	(8-27) 8 3/4 X 18 1/2 GLULAM - VOID	33'-10"	20'-5"	19'-11 1/8"	27
B28	1	1	(8-28) 3 1/4 X 24 GLULAM	16'-8 7/8"	19'-11 1/8"	19'-11 1/8"	28
B29	5	1	(8-29) 3 1/4 X 13 MSC/GLULAM LVL	2'-8 7/8"	18'-0 1/8"	14'-8 1/8"	29
B30	1	1	(8-30) 3 1/4 X 24 GLULAM	22'-5 3/4"	17'-0 7/8"	15'-0 7/8"	30
B31	1	1	(8-31) 3 1/4 X 21 GLULAM	31'-11 1/2"	13'-3 1/4"	16'-3 1/4"	31
B32	1	1	(8-32) 3 1/4 X 21 GLULAM	22'-5 1/2"	16'-1 1/8"	17'-1 1/8"	32
B33	1	1	(8-33) 3 1/4 X 21 GLULAM	10'-5 1/2"	10'-10 1/8"	2'-1 1/8"	33
B34	1	1	(8-34) 3 1/4 X 21 GLULAM	28'-2 3/8"	11'-10 7/8"	12'-1 7/8"	34
B35	1	1	(8-35) 3 1/4 X 21 GLULAM	21'-4"	11'-1"	9'-1"	35
B36	1	1	(8-36) 3 1/4 X 13 GLULAM	21'-1"	16'-2"	14'-5"	36
B37	1	1	(8-37) 3 1/4 X 24 GLULAM	4'-1 1/4"	11'-3 1/8"	4'-5 1/8"	37
B38	1	1	(8-38) 14 5/16 X 14 5/8 - PX14XRI A/RH2	24'-4 1/4"	11'-3 1/8"	10'-0 7/8"	38
B39	1	1	(8-39) 8 1/8 X 24 GLULAM	6'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(8-01P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-2"	10'-1 1/8"	8'-1 1/8"	1P
B41	1	1	(8-02P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-2 1/2"	10'-1 1/8"	8'-1 1/8"	2P
B42	1	1	(8-03P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-1 7/8"	10'-1 1/8"	8'-1 1/8"	3P
B43	1	1	(8-04P) 8 1/8 X 18 GLULAM (COSMETIC)	7'-2 3/8"	10'-1 1/8"	8'-1 1/8"	4P
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
A1	FLOOR BEAMS- 2ND LEVEL
A2	ROOF BEAMS - 1ST LEVEL
A3	ROOF BEAMS - 2ND LEVEL
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW



OUTLOOKER DETAIL
SCALE: 3/4 " = 1'-0"

ROOF LAYOUT - BEAMS - 1ST LEVEL 1/4 " = 1'-0"

ROOF MATERIALS

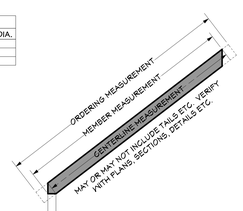
RIDGE CAP	11 Ft
VALLEY FLASHING	15 Ft
90 DEG. FLASHING	64 Ft
BEND TO SLOPE FLASHING	159 Ft
RIDGE VENT	12 Ft
METAL ROOFING	9380 Sq. Ft.
OSB	288 Ea
GABLE FASCIA	445 Ft
EAVE FASCIA	495 Ft
DRIP EDGE	940 Ft

POST SCHEDULE			
NO	QTY	FLR	NOTES
P01	11	1	10X10 D.F. #2
P02	4	2	10X10 D.F. #2
P03	3	1	12X12 D.F. #2
P04	5	1	8X12 D.F. #2
P05	1	2	8X10 D.F. #2
P06	2	1	8X10 D.F. #2
P07	1	1	10X12 D.F. #2
P08	4	2	6X10 D.F. #2
P09	1	2	8X8 D.F. #2
P10	1	1	6X12 D.F. #2
P11	4	1	8X8 D.F. #2
P12	2	1	6X8 D.F. #2
P13	2	2	6X12 D.F. #2
P14	2	1	3 1/2 X 12 1/2 D.F. #2

STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
6" - 10"	3/8"	1/4"	(2) 3/4" DIA.
12" - 14"	3/8"	1/4"	(3) 3/4" DIA.
15" - 16"	3/8"	1/4"	(4) 3/4" DIA.

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT NAILS	MEMBER NAILS	FACE NAILS
S01	FAB HGR 1	N/A	3-3/8"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S02	HGL (1)	N/A	2-00"	6-10D X 1.5	18-10D
S03	HGL (2)	4-10D X1.5	2-00"	2-STRONG-TIE	N/A
S04	HDU4-SDS-2-5/8 (2H16")		2-00"		
S05	FAB HGR 3	N/A	3-3/8"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S06	LTS2 (1H1.5	4-10DX1.5	2-00"	2-STRONG-GRIP	2-10DX1.5
S07	HUT 2.5/11	N/A	2-00"	6-10DX1.5	18-10D

BLOCK & BABLEBORAD TRUSS OR NH KEY NOTES	
CALLOUT	DESCRIPTION
BK1	ATTACH BLOCKING BETWEEN EVERY OTHER TRUSS BAYS (4) 10X8 CLIPS FROM BLOCKING TO TOP PLATE. (N) 2 ROWS @ 2' O.C. (STAGGERED)
T1	ATTACH BABLEBORAD TRUSS OR NH TO TOP PLATE (N) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS
T2	ATTACH BABLEBORAD TRUSS OR NH TO TOP PLATE (N) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS OR NH
BK1	ATTACH BABLEBORAD TRUSS OR NH TO TOP PLATE (N) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS



3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY CO, ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" x 48")

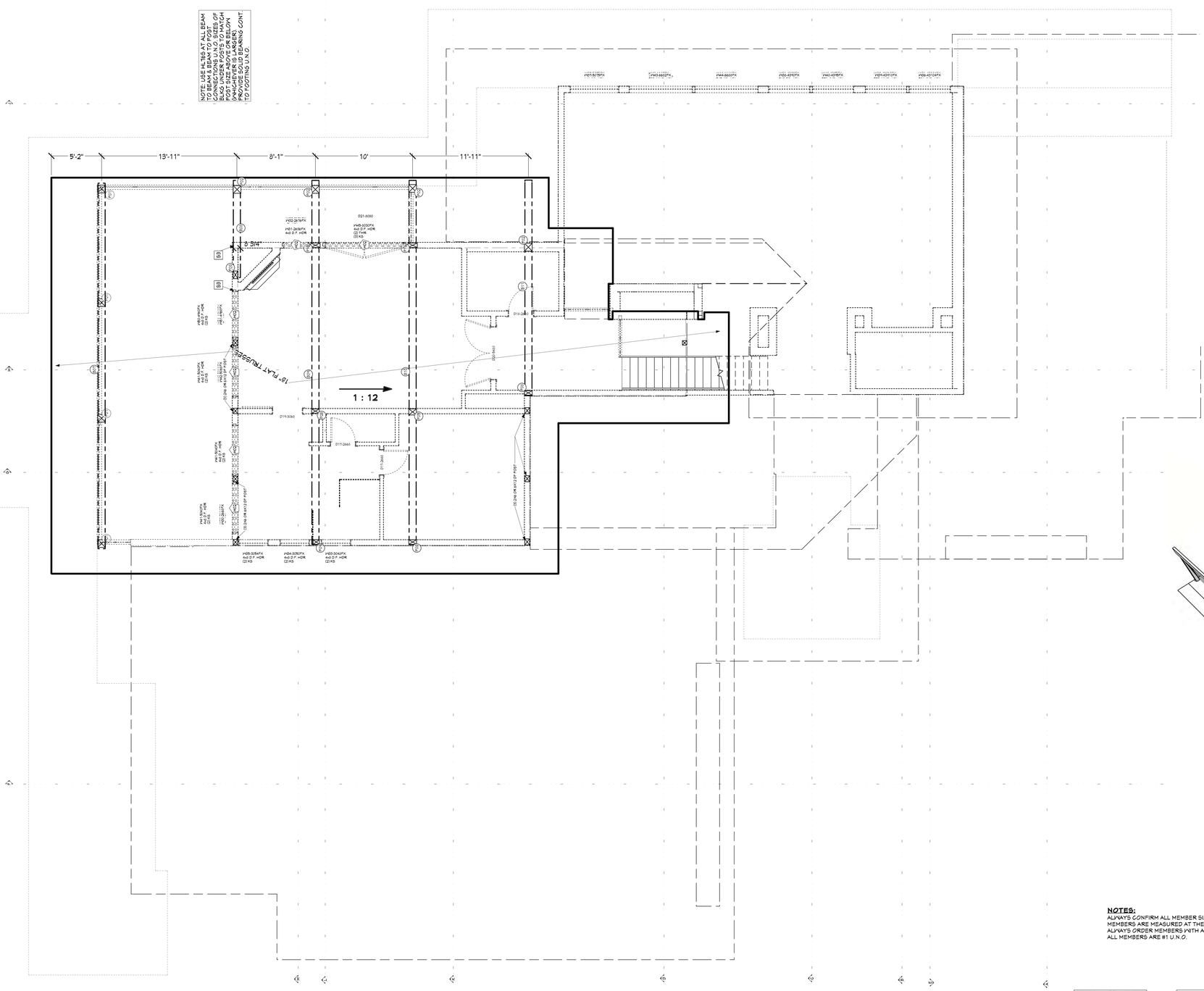
INITIAL DATE: 6/6/2020
PRINT DATE: 7/1/2022

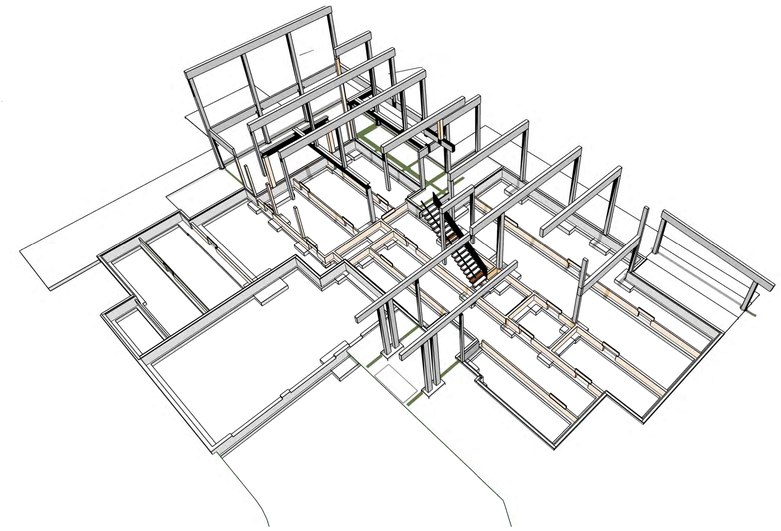
DRAWN BY:
Steve

ROOF BEAMS - 1ST LEVEL

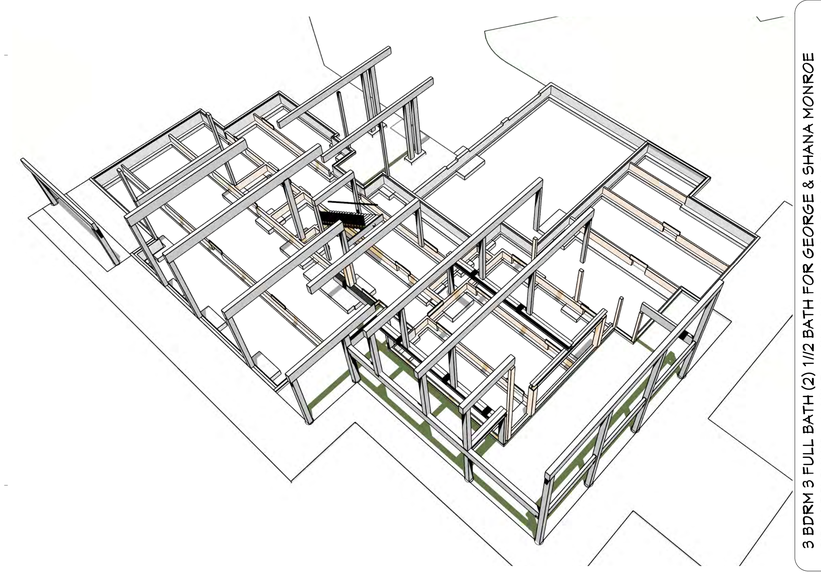
SMC Design
208.249.7268
Nampa, ID

SHEET NUMBER
A2
PAGE 2 OF 7





ROOF BEAMS - 2ND LEVEL - FRONT



ROOF BEAMS - 2ND LEVEL - REAR

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

HEADER SCHEDULE	
NO	TYPE
H01	(1) 4X10 D.F.
H02	(1) 4X6 D.F.
H03	(2) 1 3/4 X 11 1/4 LVL
H04	(2) 1 3/4 X 9 1/2 LVL
H05	(2) 1 3/4 X 14 1/4 LVL
H06	(2) 2X12 D.F.
H07	(3) 1 3/4 X 9 1/2 LVL
H10	(3) 2X12 D.F.

BEAM SCHEDULE							
NO	PLIE	PLY(S)	NOTES	GTR. LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-01) 8 3/4 X 16 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	26'-3 3/4"	1
B02	2	1	(8-02) 8 3/4 X 16 1/2 GLULAM - VOID	57'-8 3/8"	27'-1 1/4"	26'-3 3/4"	2
B03	2	1	(8-03) 8 3/4 X 16 1/2 GLULAM - VOID	64'-3 3/8"	27'-1 1/4"	26'-3 3/4"	3
B04	2	1	(8-04) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	4
B05	2	1	(8-05) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	5
B06	2	1	(8-06) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	6
B07	2	1	(8-07) 8 3/4 X 21 GLULAM	37'-1 3/8"	26'-1 5/8"	24'-10 5/8"	7
B08	2	1	(8-08) 8 3/4 X 21 GLULAM	6'-11 7/8"	29'-4 5/8"	23'-4 5/8"	8
B09	2	1	(8-09) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-10 5/8"	22'-1 5/8"	9
B10	2	1	(8-10) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 8 3/4 X 21 GLULAM	22'-2 1/4"	29'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 8 3/4 X 16 1/2 GLULAM	6'-7 1/2"	11'-1"	16'-2 1/2"	12
B13	1	1	(8-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(8-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(8-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(8-16) 14 3/16 X 14 5/0 - PX 14XRR A992	7'-3 1/2"	11'-3 1/8"	12'-1"	16
B17	1	1	(8-17) 1 3/4 X 13 MICRO=LLAM LVL	0'-7"	11'-1 1/8"	10'-1 1/8"	17
B18	1	1	(8-18) 12 3/8 X 15 1/8 - PX12X15B A992	26'	11'-4 1/4"	10'-1 1/8"	18
B19	1	1	(8-19) 10 3/8 X 13 - PX10X50 A992	13'	10'-1 1/8"	8'-3 1/8"	19
B20	1	1	(8-20) 3 3/4 X 24 GLULAM	30'-0 3/4"	11'-3 1/8"	4'-3 1/8"	20
B21	1	1	(8-21) 8 3/4 X 13 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 5/8"	21
B22	1	1	(8-22) 8 3/4 X 16 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 8 3/4 X 16 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 8 3/4 X 16 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 8 3/4 X 16 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 8 3/4 X 16 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	14'-1"	26
B27	1	1	(8-27) 8 3/4 X 13 GLULAM - VOID	33'-1/2"	20'-5"	18'-11"	27
B28	1	1	(8-28) 3 3/4 X 24 GLULAM	18'-4 7/8"	19'-11 1/8"	12'-11 1/8"	28
B29	1	5	(8-29) 1 3/4 X 13 MICRO=LLAM LVL	0'-5 7/8"	18'-0 1/8"	14'-4 1/8"	29
B30	1	1	(8-30) 3 3/4 X 24 GLULAM	23'-5 3/4"	17'-0 7/8"	19'-0 7/8"	30
B31	1	1	(8-31) 3 3/4 X 24 GLULAM	31'-1 1/2"	18'-3 1/4"	16'-3 1/4"	31
B32	1	1	(8-32) 3 3/4 X 21 GLULAM	23'-5 1/2"	16'-1 1/8"	13'-1 1/8"	32
B33	1	1	(8-33) 3 3/4 X 21 GLULAM	15'-5 1/2"	10'-10 1/8"	0'-1 1/8"	33
B34	1	1	(8-34) 3 3/4 X 21 GLULAM	25'-0 3/8"	11'-10 7/8"	10'-1 7/8"	34
B35	1	1	(8-35) 3 3/4 X 13 GLULAM	21'-4"	17'-1"	15'-1"	35
B36	1	1	(8-36) 8 3/4 X 13 GLULAM	21'-1"	16'-2"	14'-2"	36
B37	1	1	(8-37) 5 1/8 X 24 GLULAM	9'-1 1/4"	11'-5 1/8"	9'-8 1/8"	37
B38	1	1	(8-38) 14 3/16 X 14 5/0 - PX 14XRR A992	24'-4 1/4"	11'-3 1/8"	12'-0 7/8"	38
B39	1	1	(8-39) 5 1/8 X 24 GLULAM	0'-2 1/8"	11'-3 1/8"	9'-3 1/8"	39
B40	1	1	(8-01F) 3 3/4 X 18 GLULAM (CONSMETIC)	11'-3"	10'-1 1/8"	0'-1 1/8"	1F
B41	1	1	(8-02F) 3 3/4 X 18 GLULAM (CONSMETIC)	11'-2 1/2"	10'-1 1/8"	0'-1 1/8"	2F
B42	1	1	(8-03F) 3 3/4 X 18 GLULAM (CONSMETIC)	11'-4 7/8"	10'-1 1/8"	0'-1 1/8"	3F
B43	1	1	(8-04F) 5 1/8 X 18 GLULAM (CONSMETIC)	7'-0 3/8"	10'-1 1/8"	0'-1 1/8"	4F
B44	0	20	CRAWL SPACE HEADERS				

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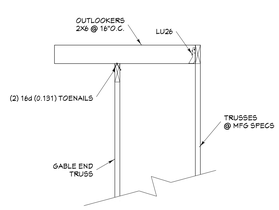
A1	FLOOR BEAMS- 2ND LEVEL
A2	ROOF BEAMS - 1ST LEVEL
A3	ROOF BEAMS - 2ND LEVEL
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW



OUTLOOKER DETAIL
SCALE: 3/4 " = 1'-0"

ROOF LAYOUT - BEAMS - 2ND LEVEL 1/4 " = 1'-0"

ROOF MATERIALS

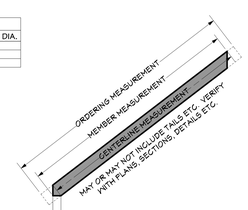
RIDGE CAP	11 Ft
VALLEY FLASHING	15 Ft
90 DEG. FLASHING	64 Ft
BEND TO SLOPE FLASHING	159 Ft
RIDGE VENT	12 Ft
METAL ROOFING	9350 Sq. Ft.
OSB	288 Ea
GABLE FASCIA	445 Ft
EAVE FASCIA	495 Ft
DRIP EDGE	940 Ft

POST SCHEDULE			
NO	QTY	FLR	NOTES
P01	11	1	10X10 D.F. #2
P02	4	2	10X10 D.F. #2
P03	3	1	12X12 D.F. #2
P04	5	1	8X12 D.F. #2
P05	1	2	8X10 D.F. #2
P06	2	1	8X10 D.F. #2
P07	1	1	10X12 D.F. #2
P08	4	2	8X10 D.F. #2
P09	1	2	8X8 D.F. #2
P10	1	1	8X12 D.F. #2
P11	4	1	8X8 D.F. #2
P12	2	1	8X8 D.F. #2
P13	2	2	8X12 D.F. #2
P14	2	1	5 1/2 X 12 1/2 D.F. #2

STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
0'- 1 0"	3/8"	1/4"	(2) 3/4" DIA.
1 2'- 1 4"	3/8"	1/4"	(3) 3/4" DIA.
1 5'- 1 6"	3/8"	1/4"	(4) 3/4" DIA.

BLDG 3 GABLE/GIRDER TRUSS OR BEH KEY NOTES:	
CALLOUT	DESCRIPTION
BK3	PROVIDE (4) BLOCKING BETWEEN EVERY OTHER TRUSS BAYS AT 24" OCAND ATTACH TO TOP OF TOP PLATE. (N 2.76)@ 8' O.C.(STAGGERED)
T1	ATTACH GABLE/GIRDER TRUSS OR BEH TO TOP PLATE. (N 100 TOENAILS @ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS
T3	ATTACH GABLE/GIRDER TRUSS OR BEH TO TOP PLATE. (N 100 TOENAILS @ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS OR BEH
BK1	ATTACH GABLE/GIRDER TRUSS OR BEH TO TOP PLATE. (N 100 TOENAILS @ 6" O.C., EDGE NAIL SHEATHING ABOVE TO TRUSS.

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT LG.	MEMBER NAILS	FACE NAILS
S01	FAB HGR 1	N/A	3-3/8"	2 - 3/4 X THRU	8 - 1/2" X 4" LAG
S04	HGU (1)	N/A	4-00"	5-10D X 1.5	18-10D
S05	HGU (2)	4-10D X1.5	4-00"	2-STRONG-TIE	N/A
S07	HUS26 (S)		2-00"		
S08	FAB HGR 3	N/A	3-3/8"	2 - 3/4 X THRU	8 - 1/2" X 4" LAG
S09	ITS2.37/9.5	4-10D X1.5	2-00"	2-STRONG-GRIP	2-10D X1.5
S07	HU7.37/T	N/A	2-00"	6-10D X1.5	18-10D



PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY CO, ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" X 48")

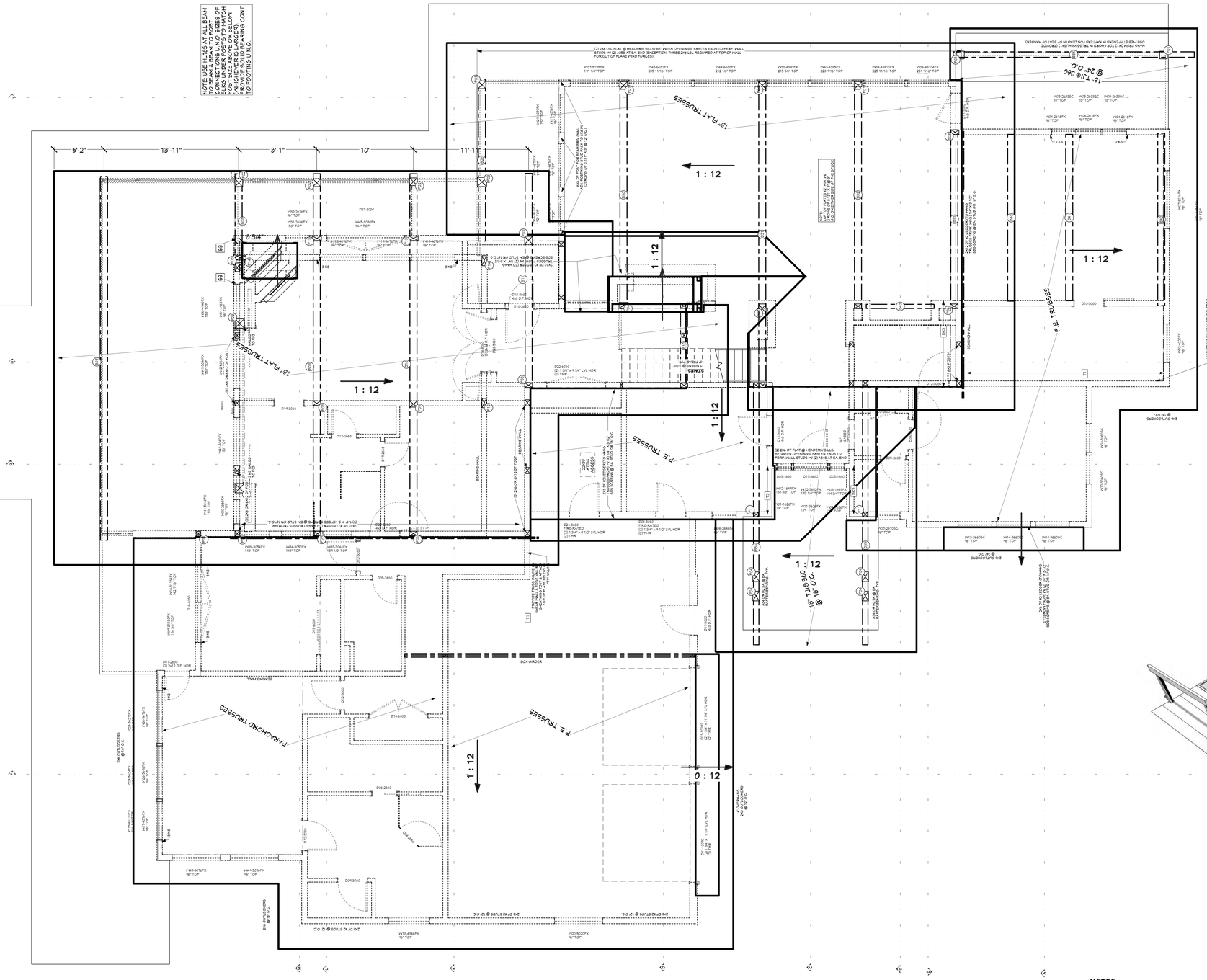
INITIAL DATE: 8/6/2020
PRINT DATE: 7/1/2022

DRAWN BY:
Steve

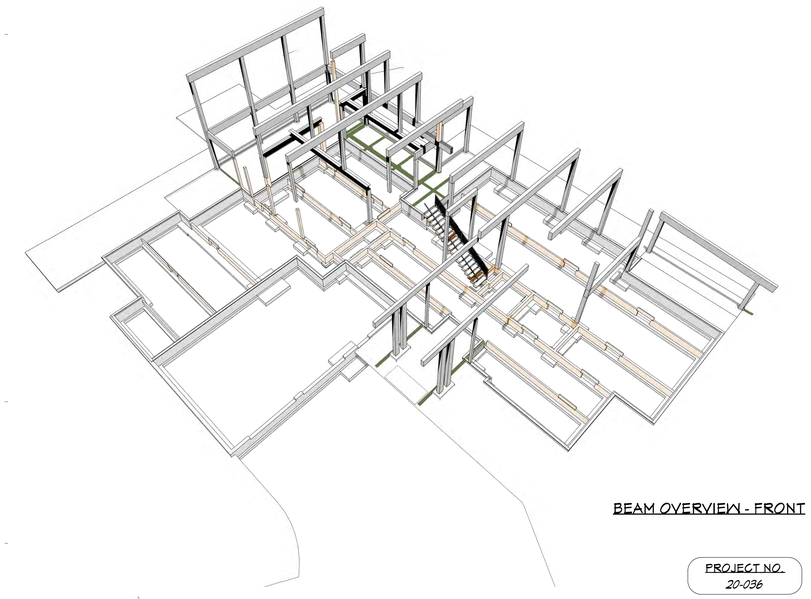
ROOF BEAMS - 2ND LEVEL

SMC Design
208.249.7288
Nampa, ID

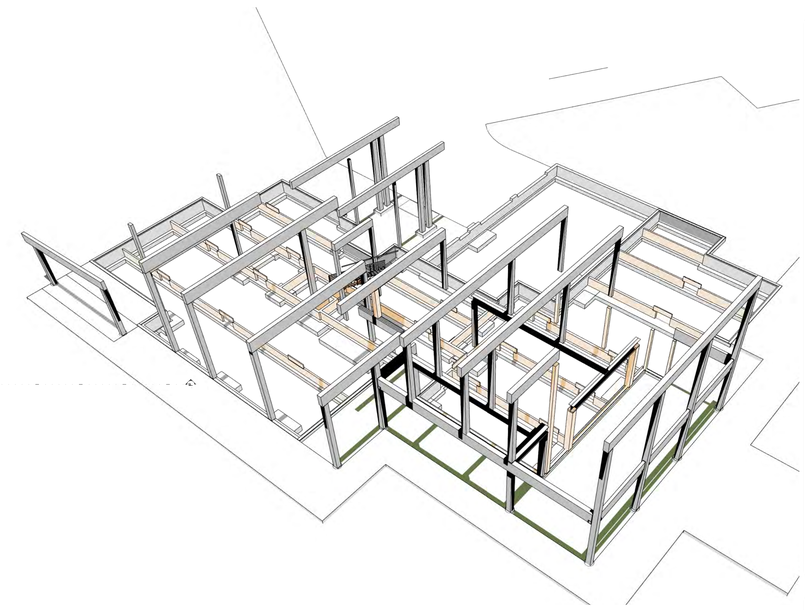
SHEET NUMBER
A3
PAGE 3 OF 7



ROOF LAYOUT - BEAMS - 1ST LEVEL 1/4 " = 1'-0"



BEAM OVERVIEW - FRONT



BEAM OVERVIEW - REAR

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

ROOF MATERIALS

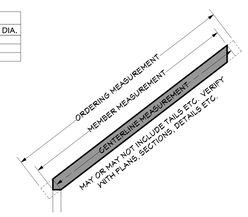
RIDGE CAP	11 ft
VALLEY FLASHING	15 ft
90 DEG. FLASHING	64 ft
BEND TO SLOPE FLASHING	159 ft
RIDGE VENT	12 ft
METAL ROOFING	9380 Sq. ft.
OSB	268 Ea
GABLE FASCIA	445 ft
EAVE FASCIA	495 ft
DRIP EDGE	940 ft

ROOF SCHEDULE			
NO	QTY	FLR	NOTES
PO1	11	1	10X10 D.F. #2
PO2	4	1	10X10 D.F. #2
PO3	5	1	12X12 D.F. #2
PO4	3	1	8X12 D.F. #2
PO5	1	2	8X10 D.F. #2
PO6	2	1	6X10 D.F. #2
PO7	1	1	10X12 D.F. #2
PO8	4	2	8X12 D.F. #2
PO9	1	2	6X6 D.F. #2
P10	1	2	6X12 D.F. #2
P11	4	1	6X6 D.F. #2
P12	1	2	6X12 D.F. #2
P13	2	2	6X12 D.F. #2
P14	2	1	5 1/2 X 12 1/2 D.F. #2

BLKG & SABLEWRAP TRUSS OR RSH KEY NOTES	
CALLOUT	DESCRIPTION
BK3	STICK OR 4X BLOCKING BETWEEN EVERY OTHER TRUSS BAYS IN GAGE CUTS FROM BLOCKING TO TOP PLATE. IN A BOXED @ O.C. (RT.ANGLE)BASIS
T1	ATTACH SABLEWRAP TRUSS OR RSH RIGHT TO TOP PLATE IN 100 TERMINALS @ 2 O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS.
T2	ATTACH SABLEWRAP TRUSS OR RSH 90 DEG TO TOP PLATE IN 100 TERMINALS @ 2 O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS OR RSH
BK1	ATTACH SABLEWRAP TRUSS OR RSH TO TOP PLATE IN 100 TERMINALS @ 2 O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS.

STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
8"- 10"	3/8"	1/4"	(2) 3/4" DIA.
12"- 14"	3/8"	1/4"	(3) 3/4" DIA.
15"- 16"	3/8"	1/4"	(4) 3/4" DIA.

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT LG	MEMBER NAILS	FACE NAILS
S01	FAB HGR 1	N/A	3.375"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S02	HU2.1/11	N/A	2.00"	2-10D X 1.5	5s-10D
S03	ITS2.06/12	4-10DX1.5	2.00"	2-STRONG-TIE	N/A
S04	HGUS26-2S (SHS18")		2.00"		
S05	FAB HGR 3	N/A	3.375"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S06	ITS2.37/11.5	4-10DX1.5	2.00"	2-STRONG-DRIF	2-10DX1.5
S07	HUT.81/11	N/A	2.00"	6-10DX1.5	5s-10D



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

BEAM SCHEDULE							
NO	FLR	PLY(S)	NOTES	CTR. LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-01) 8 3/4 X 18 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	29'-9 3/4"	1
B02	2	1	(8-02) 8 3/4 X 18 1/2 GLULAM - VOID	57'-8 3/8"	27'-1 1/4"	29'-9 3/4"	2
B03	2	1	(8-03) 8 3/4 X 18 1/2 GLULAM - VOID	49'-7 3/8"	27'-1 1/4"	29'-9 3/4"	3
B04	2	1	(8-04) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	29'-9 3/4"	4
B05	2	1	(8-05) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	29'-9 3/4"	5
B06	2	1	(8-06) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	29'-9 3/4"	6
B07	2	1	(8-07) 8 3/4 X 21 GLULAM	37'-7 3/8"	26'-7 5/8"	24'-10 5/8"	7
B08	2	1	(8-08) 8 3/4 X 21 GLULAM	9'-11 7/8"	26'-5 5/8"	29'-8 5/8"	8
B09	2	1	(8-09) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-10 5/8"	22'-1 5/8"	9
B10	2	1	(8-10) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 8 3/4 X 21 GLULAM	22'-2 1/4"	22'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 8 3/4 X 18 1/2 GLULAM	5'-1 1/2"	11'-3"	16'-2 1/2"	12
B13	1	1	(8-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(8-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(8-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(8-16) 14 5/16 X 14 5/8 - PX 14X9R ARH2	7'-8 1/2"	11'-3 1/8"	10'-1"	16
B17	1	1	(8-17) 5 1/8 X 18 MICROLAM LVL	2'-7"	11'-1 1/8"	10'-1 1/8"	17
B18	1	1	(8-18) 12 7/8 X 15 1/8 - PX12X15s ARH2	28'	11'-4 1/4"	10'-1 1/8"	18
B19	1	1	(8-19) 12 3/8 X 11 - PX18X9D ARH2	13'	10'-1 1/8"	2'-2 1/8"	19
B20	1	1	(8-20) 8 3/4 X 24 GLULAM	35'-0 3/4"	11'-3 1/8"	4'-3 1/8"	20
B21	1	1	(8-21) 8 3/4 X 24 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	18'-1 5/8"	21
B22	1	1	(8-22) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 8 3/4 X 18 1/2 GLULAM - VOID	47'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 8 3/4 X 18 1/2 GLULAM - VOID	47'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 8 3/4 X 18 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	16'-1"	26
B27	1	1	(8-27) 8 3/4 X 18 GLULAM - VOID	39'-10"	20'-5"	10'-11"	27
B28	1	1	(8-28) 5 3/4 X 24 GLULAM	16'-3 7/8"	19'-11 1/8"	19'-11 1/8"	28
B29	1	5	(8-29) 1 3/4 X 13 MICROLAM LVL	6'-3 7/8"	18'-0 1/8"	14'-8 1/8"	29
B30	1	1	(8-30) 5 3/4 X 24 GLULAM	29'-5 3/4"	17'-0 7/8"	18'-0 7/8"	30
B31	1	1	(8-31) 5 3/4 X 24 GLULAM	31'-1 1/2"	12'-3 1/4"	16'-3 1/4"	31
B32	1	1	(8-32) 5 3/4 X 24 GLULAM	29'-5 1/2"	16'-1 1/8"	17'-1 1/8"	32
B33	1	1	(8-33) 5 3/4 X 21 GLULAM	13'-5 1/2"	10'-10 1/8"	6'-1 1/8"	33
B34	1	1	(8-34) 5 3/4 X 21 GLULAM	28'-3 3/8"	11'-10 1/8"	10'-1 7/8"	34
B35	1	1	(8-35) 5 3/4 X 15 GLULAM	21'-4"	11'-1"	15'-7"	35
B36	1	1	(8-36) 5 3/4 X 13 GLULAM	21'-1"	16'-2"	14'-6"	36
B37	1	1	(8-37) 5 1/8 X 24 GLULAM	4'-1 1/4"	11'-5 1/8"	4'-5 1/8"	37
B38	1	1	(8-38) 14 5/16 X 14 5/8 - PX 14X9R ARH2	24'-4 1/4"	11'-3 1/8"	10'-0 7/8"	38
B39	1	1	(8-39) 5 1/8 X 24 GLULAM	6'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(8-01P) 8 3/4 X 10 GLULAM (COSMETIC)	11'-3"	10'-1 1/8"	0'-1 1/8"	1P
B41	1	1	(8-02P) 8 3/4 X 10 GLULAM (COSMETIC)	11'-3 1/2"	10'-1 1/8"	0'-1 1/8"	2P
B42	1	1	(8-03P) 8 3/4 X 10 GLULAM (COSMETIC)	11'-4 7/8"	10'-1 1/8"	0'-1 1/8"	3P
B43	1	1	(8-04P) 5 1/8 X 10 GLULAM (COSMETIC)	7'-0 3/8"	10'-1 1/8"	0'-1 1/8"	4P
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
A1	FLOOR BEAMS- 2ND LEVEL
A2	ROOF BEAMS - 1ST LEVEL
A3	ROOF BEAMS - 2ND LEVEL
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW

PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY CO.,ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" x 48")

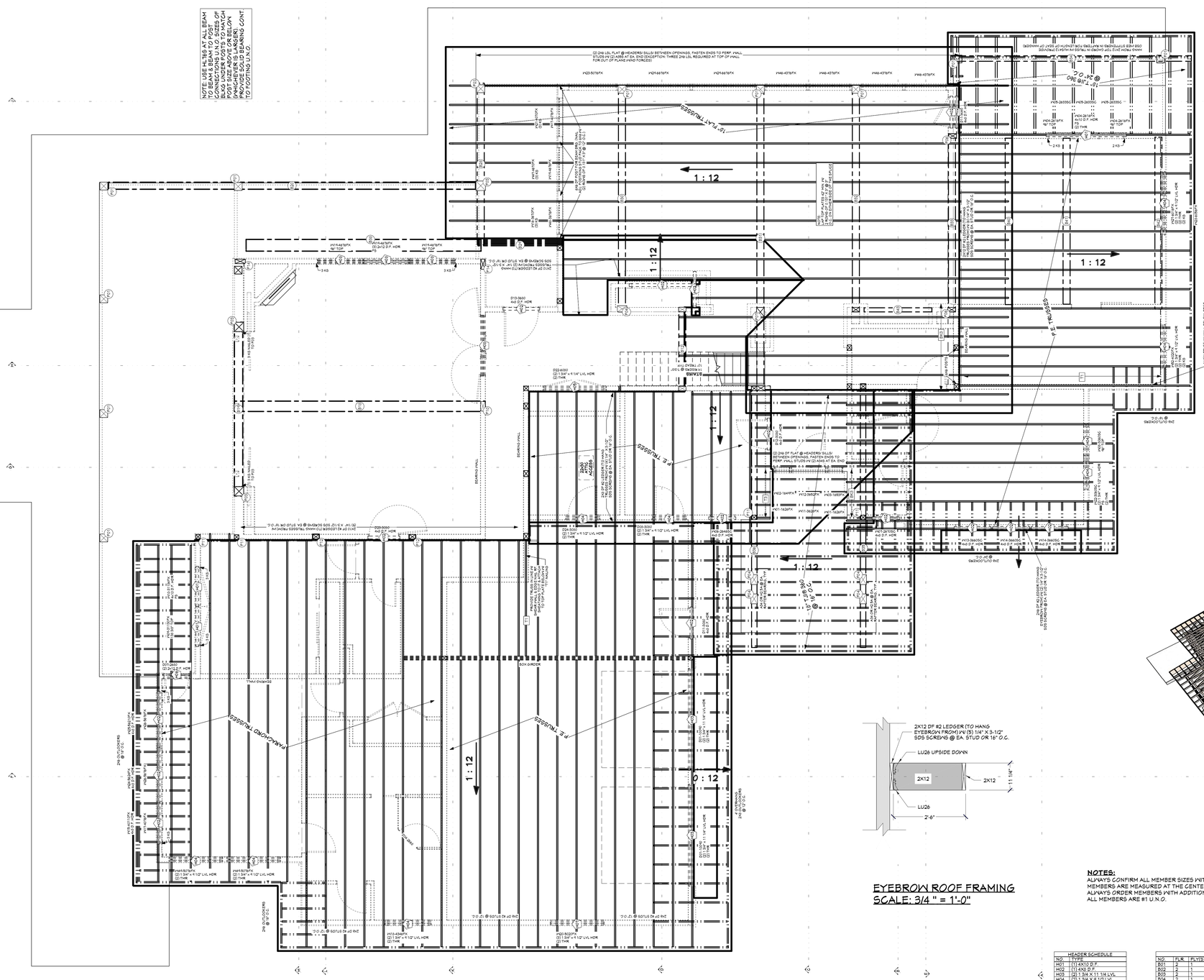
INITIAL DATE: 8/6/2020
PRINT DATE: 7/1/2022

DRAWN BY:
Steve

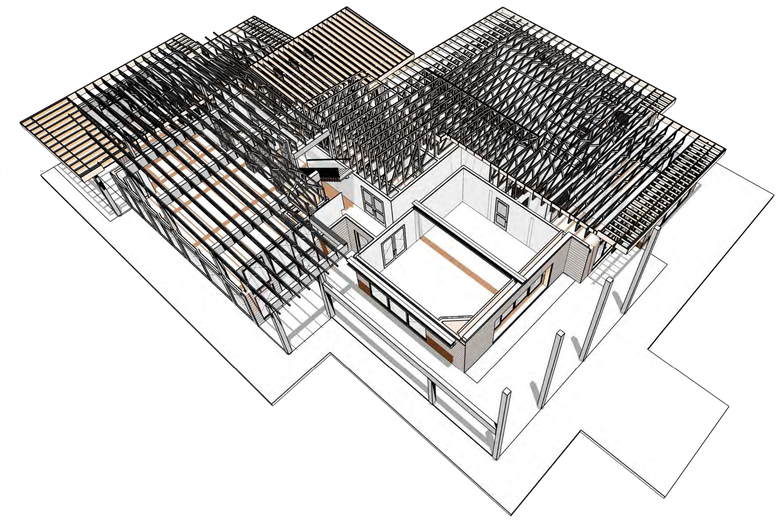
ROOF BEAMS- OVERVIEW

SMC Design
208.244.7288
Nampa, ID

SHEET NUMBER
A4
PAGE 4 OF 7



ROOF FRAMING - 1ST LEVEL - REAR



ROOF FRAMING - 1ST LEVEL - FRONT

EYEBROW ROOF FRAMING
SCALE: 3/4 " = 1'-0"

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR FITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

HEADER SCHEDULE	
NO	TYPE
HO1	(1) 4X10 D.F
HO2	(1) 4X6 D.F
HO3	(2) 1 3/4 X 11 1/4 LVL
HO4	(2) 1 3/4 X 9 1/2 LVL
HO5	(2) 1 3/4 X 9 1/4 LVL
HO6	(2) 2X12 D.F
HO7	(3) 1 3/4 X 9 1/2 LVL
HO8	(3) 2X12 D.F

BEAM SCHEDULE							
NO	FLR	PLY(S)	NOTES	CTR. LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-01) 8 3/4 X 18 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	26'-9 3/4"	1
B02	2	1	(8-02) 8 3/4 X 18 1/2 GLULAM - VOID	51'-8 3/8"	27'-1 1/4"	26'-9 3/4"	2
B03	2	1	(8-03) 8 3/4 X 18 1/2 GLULAM - VOID	49'-1 3/8"	27'-1 1/4"	26'-9 3/4"	3
B04	2	1	(8-04) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-9 3/4"	4
B05	2	1	(8-05) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-9 3/4"	5
B06	2	1	(8-06) 8 3/4 X 18 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-9 3/4"	6
B07	2	1	(8-07) 8 3/4 X 21 GLULAM	37'-7 3/8"	26'-7 5/8"	24'-10 5/8"	7
B08	2	1	(8-08) 8 3/4 X 21 GLULAM	9'-11 7/8"	26'-6 5/8"	26'-6 5/8"	8
B09	2	1	(8-09) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-10 5/8"	23'-1 5/8"	9
B10	2	1	(8-10) 8 3/4 X 21 GLULAM	37'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 8 3/4 X 21 GLULAM	22'-2 1/4"	23'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 8 3/4 X 18 1/2 GLULAM	0'-1 1/2"	11'-3"	16'-2 1/2"	12
B13	1	1	(8-13) 5 1/2 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(8-14) 5 1/2 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(8-15) 5 1/2 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(8-16) 14 3/16 X 14 5/8 - PX 14X9R ARH2	7'-8 1/2"	11'-3 1/8"	12'-1"	16
B17	1	1	(8-17) 1 3/4 X 18 MSC/GLULAM LVL	2'-7"	11'-1 1/8"	12'-1 1/8"	17
B18	1	1	(8-18) 12 7/8 X 15 1/8 - PX12X15R ARH2	28'	11'-4 1/4"	12'-1 1/8"	18
B19	1	1	(8-19) 12 3/8 X 11 - PX18X9C ARH2	13'	12'-1 1/8"	2'-8 1/8"	19
B20	1	1	(8-20) 8 3/4 X 24 GLULAM	35'-0 3/4"	11'-3 1/8"	9'-3 1/8"	20
B21	1	1	(8-21) 8 3/4 X 24 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 5/8"	21
B22	1	1	(8-22) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 8 3/4 X 18 1/2 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 8 3/4 X 18 1/2 GLULAM - VOID	47'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 8 3/4 X 18 1/2 GLULAM - VOID	47'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 8 3/4 X 18 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	16'-1"	26
B27	1	1	(8-27) 8 3/4 X 18 GLULAM - VOID	39'-10"	20'-5"	10'-11"	27
B28	1	1	(8-28) 8 3/4 X 24 GLULAM	18'-3 7/8"	19'-11 1/8"	19'-11 1/8"	28
B29	1	5	(8-29) 1 3/4 X 18 MSC/GLULAM LVL	2'-3 7/8"	18'-0 1/8"	14'-6 1/8"	29
B30	1	1	(8-30) 8 3/4 X 24 GLULAM	20'-5 3/4"	17'-0 7/8"	18'-0 7/8"	30
B31	1	1	(8-31) 8 3/4 X 24 GLULAM	31'-1 1/2"	10'-3 1/4"	16'-3 1/4"	31
B32	1	1	(8-32) 8 3/4 X 24 GLULAM	29'-8 1/2"	16'-1 1/8"	17'-1 1/8"	32
B33	1	1	(8-33) 8 3/4 X 21 GLULAM	13'-5 1/2"	10'-10 1/8"	0'-1 1/8"	33
B34	1	1	(8-34) 8 3/4 X 21 GLULAM	28'-3 3/8"	11'-10 1/8"	12'-1 7/8"	34
B35	1	1	(8-35) 8 3/4 X 18 GLULAM	21'-4"	11'-1"	18'-1"	35
B36	1	1	(8-36) 8 3/4 X 18 GLULAM	21'-1"	16'-2"	14'-0"	36
B37	1	1	(8-37) 5 1/2 X 24 GLULAM	4'-1 1/4"	11'-3 1/8"	4'-3 1/8"	37
B38	1	1	(8-38) 14 3/16 X 14 5/8 - PX 14X9R ARH2	24'-4 1/4"	11'-3 1/8"	12'-0 7/8"	38
B39	1	1	(8-39) 5 1/2 X 24 GLULAM	6'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(8-01F) 8 3/4 X 18 GLULAM (CONNECTIC)	11'-3"	10'-1 1/8"	0'-1 1/8"	1F
B41	1	1	(8-02F) 8 3/4 X 18 GLULAM (CONNECTIC)	11'-3 1/2"	10'-1 1/8"	0'-1 1/8"	2F
B42	1	1	(8-03F) 8 3/4 X 18 GLULAM (CONNECTIC)	11'-4 7/8"	10'-1 1/8"	0'-1 1/8"	3F
B43	1	1	(8-04F) 5 1/8 X 18 GLULAM (CONNECTIC)	1'-0 3/8"	10'-1 1/8"	0'-1 1/8"	4F
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
A1	FLOOR BEAMS- 2ND LEVEL
A2	ROOF BEAMS - 1ST LEVEL
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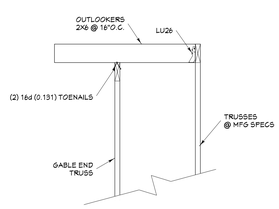
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW



OUTLOOKER DETAIL
SCALE: 3/4 " = 1'-0"

ROOF LAYOUT - 1ST LEVEL 1/4 " = 1'-0"

ROOF SCHEDULE			
NO	QTY	FLR	NOTES
P01	11	1	10X10 D.F #2
P02	4	1	10X10 D.F #2
P03	5	1	12X12 D.F #2
P04	1	1	8X12 D.F #2
P05	2	1	8X10 D.F #2
P06	2	1	8X10 D.F #2
P07	1	1	10X12 D.F #2
P08	4	1	8X12 D.F #2
P09	2	1	8X6 D.F #2
P10	1	1	8X6 D.F #2
P11	4	1	8X6 D.F #2
P12	2	1	8X6 D.F #2
P13	2	1	8X12 D.F #2
P14	2	1	5 1/2 X 12 1/2 D.F #2

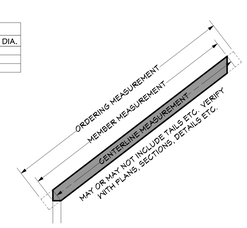
STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
8"- 10"	3/8"	1/4"	(2) 3/4" DIA.
12"- 14"	3/8"	1/4"	(3) 3/4" DIA.
16"- 18"	3/8"	1/4"	(4) 3/4" DIA.

ROOF MATERIALS

RIDGE CAP	11 ft
VALLEY FLASHING	15 ft
90 DEG. FLASHING	64 ft
BEND TO SLOPE FLASHING	159 ft
RIDGE VENT	12 ft
METAL ROOFING	9380 Sq. ft.
OSB	268 Ea
GABLE FASCIA	445 ft
EAVE FASCIA	495 ft
DRIP EDGE	940 ft

BLKG & GABLE/BRACE TRUSS OR RSH KEY NOTES	
CALLOUT	DESCRIPTION
BK2	INSTALL 2X4 BLOCKING BETWEEN EVERY OTHER TRUSS BAYS AT GAVE CUTS FROM BLOCKING TO TOP PLATE. (14 BLOCKS @ 2'-0" O.C. INTERMEDIATE)
T1	ATTACH GABLE/BRACE TRUSS OR RSH PER MFG SPECS TO TOP PLATE (2) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS
T2	ATTACH GABLE/BRACE TRUSS OR RSH PER MFG SPECS TO TOP PLATE (4) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS OR RSH
BK1	ATTACH GABLE/BRACE TRUSS OR RSH TO TOP PLATE (4) 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT LG	MEMBER NAILS	FACE NAILS
S01	FAB HGR 1	N/A	3.375"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S02	HTS2.37/1	N/A	2.00"	2-10D X 1.5	5p-10D
S03	HTS2.37/2	4-10D X1.5	2.00"	2-STRONG-TIE	N/A
S04	HGUS26-2S SDS (HH18")		2.00"		
S05	FAB HGR 3	N/A	3.375"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S06	HTS2.37/1.5	4-10D X1.5	2.00"	2-STRONG-GRIP	2-10D X 3
S07	HUT1.37/11	N/A	2.00"	8-10D X 1.5	18-10D



PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY CO.,ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" x 48")

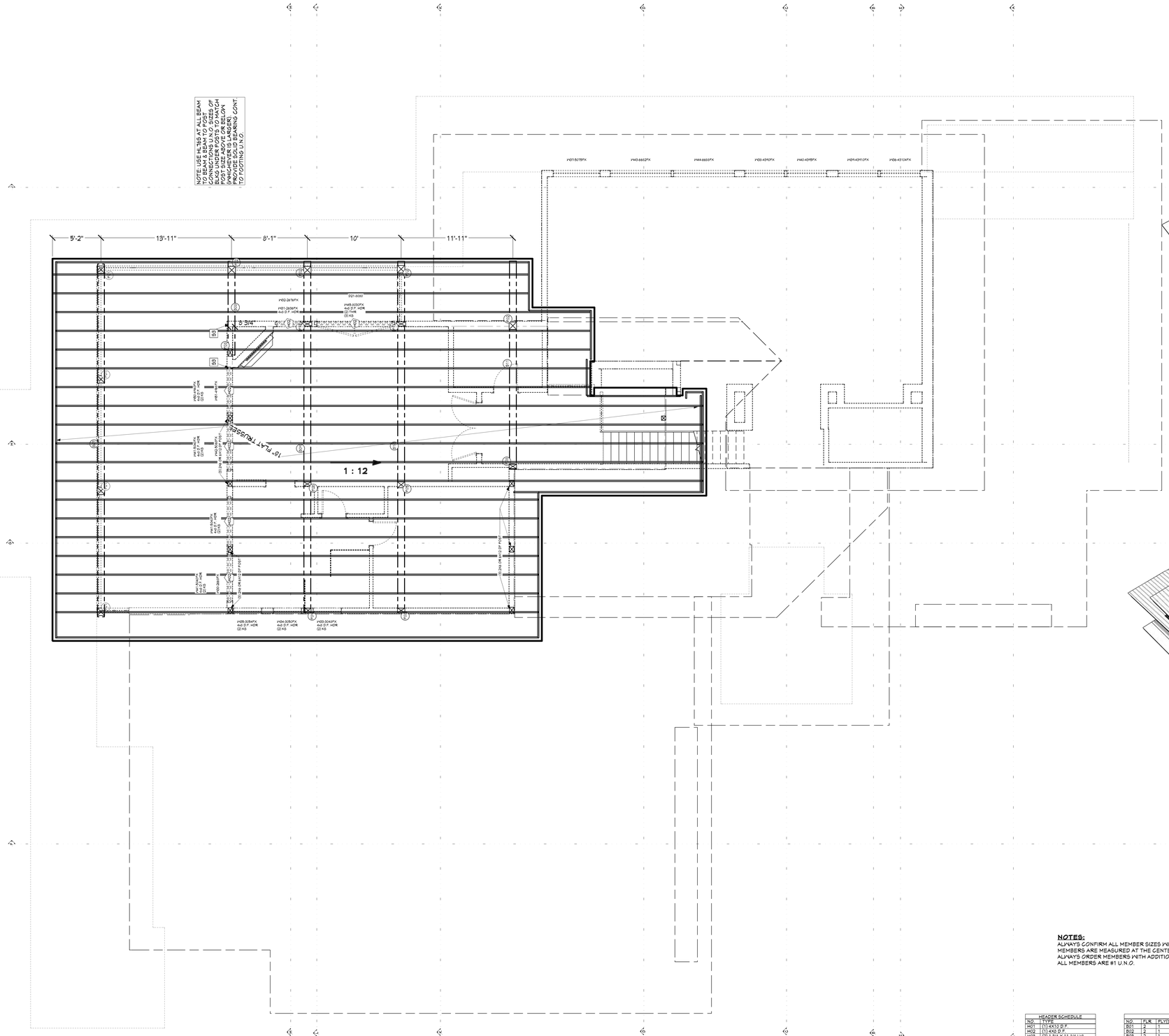
INITIAL DATE: 8/6/2020
PRINT DATE: 7/1/2022

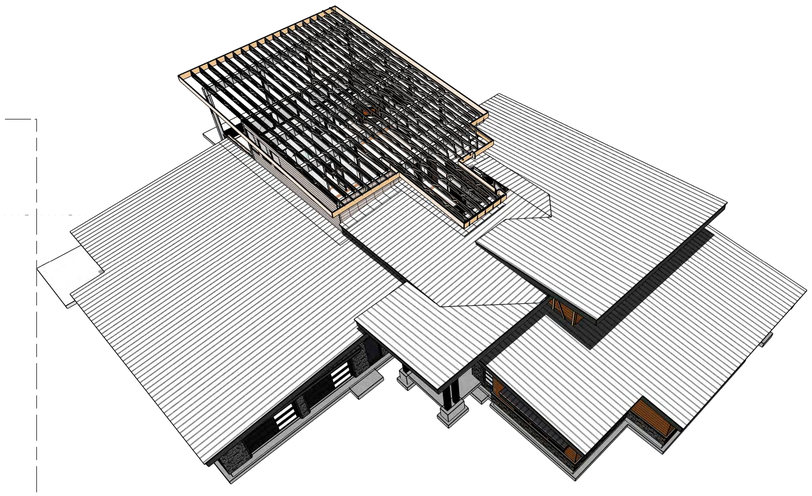
DRAWN BY:
Steve

ROOF LAYOUT - 1ST LEVEL

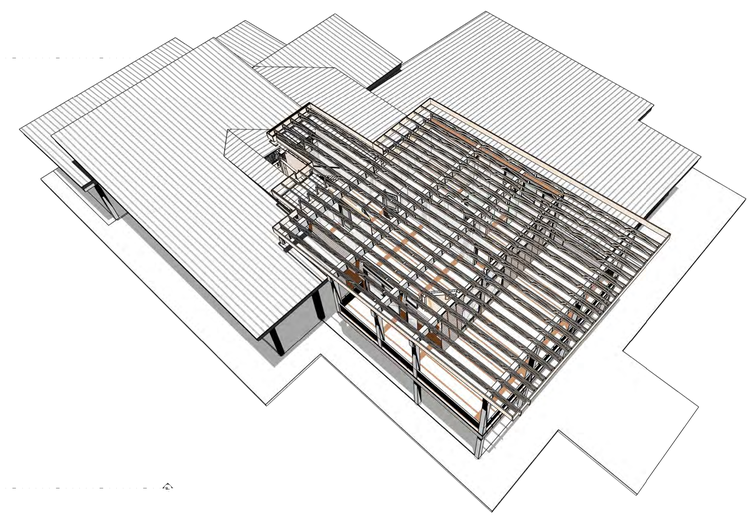
SMC Design
SMC Design
208.244.7288
Nampa, ID

SHEET NUMBER
A5
PAGE 5 OF 7



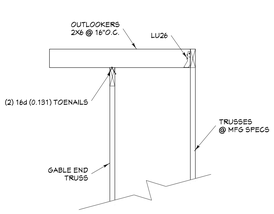


ROOF FRAMING - 2ND LEVEL - FRONT



ROOF FRAMING - 2ND LEVEL - REAR

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.



OUTLOOKER DETAIL
SCALE: 3/4 " = 1'-0"

ROOF LAYOUT - 2ND LEVEL 1/4 " = 1'-0"

ROOF MATERIALS

RIDGE CAP	11 Ft
VALLEY FLASHING	15 Ft
90 DEG. FLASHING	64 Ft
BEND TO SLOPE FLASHING	159 Ft
RIDGE VENT	12 Ft
METAL ROOFING	9360 Sq. Ft.
OSB	288 Ea
GABLE FASCIA	445 Ft
EAVE FASCIA	495 Ft
DRIP EDGE	940 Ft

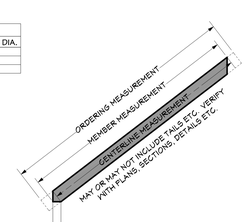
POST SCHEDULE			
NO.	QTY	FLR	NOTES
P01	11	1	10X10 D.F #2
P02	4	2	10X10 D.F #2
P03	3	1	12X12 D.F #2
P04	5	1	8X12 D.F #2
P05	1	2	8X10 D.F #2
P06	2	1	6X10 D.F #2
P07	1	1	10X12 D.F #2
P08	4	2	8X10 D.F #2
P09	1	1	6X6 D.F #2
P10	1	1	8X12 D.F #2
P11	4	1	6X6 D.F #2
P12	2	1	6X6 D.F #2
P13	2	1	6X12 D.F #2
P14	2	1	8 1/2 X 12 1/2 D.F #2

BLDG & GABLE/HIP TRUSS OR BSH KEY NOTES:	
CALLOUT	DESCRIPTION
BK3	SPEC'D IN KC BLOCKING BETWEEN EVERY OTHER TRUSS BAYS PV (2)ABS CLIPS FROM BLOCKING TO TOP PLATE, PV (4)ABS @ O.C./BOTTOMSTRUT
T1	ATTACH GABLE/HIP TRUSS OR BSH TO TOP PLATE PV 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS
T2	ATTACH GABLE/HIP TRUSS OR BSH TO TOP PLATE PV 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS OR BSH
BK1	ATTACH GABLE/HIP TRUSS OR BSH TO TOP PLATE PV 10D TOENAILS @ 6" O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS

STEEL BEAM CONNECTION SCHEDULE

BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
0'- 10"	3/8"	1/4"	(2) 3/4" DIA.
1'- 1'-4"	3/8"	1/4"	(3) 3/4" DIA.
1'-5" - 1'-6"	3/8"	1/4"	(4) 3/4" DIA.

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT NAILS	MEMBER NAILS	FACE NAILS
S01	HUS26-3	N/A	4-10D	4-3/4" THRU	8- 1/2" X 4" LAG
S02	HU210/11	N/A	2-20D	2-10D X 1.5	6- 10D
S03	ITS2-09/18	4-10DX1.5	2-20D	2-STRONG-TIE	N/A
S04	HGUS26-2S-SDS (H=18")		2-20D		
S05	FAB HGK3	N/A	3-3.18"	2- 3/4 X THRU	6- 1/2" X 4" LAG
S06	ITS2-21/14.5	4-10DX1.5	2-20D	2-STRONG-GRIP	2-10DX1.5
S07	HU7.31/11	N/A	2-20D	6-10DX1.5	18-10D



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

BEAM SCHEDULE							
NO.	FLR	PLY(S)	NOTES	CTR. LG +/- T.O. BEAM	B.O. BEAM		CALC #
B01	2	1	(B-01) 3 3/4 X 16 1/2 GLULAM - VOID	51'-0 1/8"	27'-1 1/4"	26'-0 3/4"	1
B02	2	1	(B-02) 3 3/4 X 16 1/2 GLULAM - VOID	57'-8 3/8"	27'-1 1/4"	25'-8 3/4"	2
B03	2	1	(B-03) 3 3/4 X 16 1/2 GLULAM - VOID	64'-7 3/8"	27'-1 1/4"	26'-3 3/4"	3
B04	2	1	(B-04) 3 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	25'-8 3/4"	4
B05	2	1	(B-05) 3 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	26'-3 3/4"	5
B06	2	1	(B-06) 3 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	27'-1 1/4"	25'-8 3/4"	6
B07	2	1	(B-07) 3 3/4 X 21 GLULAM	37'-1 3/8"	26'-1 5/8"	24'-10 5/8"	7
B08	2	1	(B-08) 3 3/4 X 21 GLULAM	41'-11 1/8"	25'-6 5/8"	23'-4 5/8"	8
B09	2	1	(B-09) 3 3/4 X 21 GLULAM	37'-5 5/8"	24'-10 5/8"	23'-1 5/8"	9
B10	2	1	(B-10) 3 3/4 X 21 GLULAM	37'-5 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(B-11) 3 3/4 X 21 GLULAM	22'-2 1/4"	22'-1 1/8"	21'-4 1/8"	11
B12	1	1	(B-12) 3 3/4 X 16 1/2 GLULAM	0'-7 1/2"	11'-7"	16'-2 1/2"	12
B13	1	1	(B-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(B-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(B-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(B-16) 14 3/16 X 14 5/8 - PX 14XRR A992	7'-8 1/2"	11'-3 1/8"	10'-1"	16
B17	1	1	(B-17) 1 3/4 X 18 MICRO=LLAM LVL	0'-7"	11'-1 1/8"	10'-1 1/8"	17
B18	1	1	(B-18) 12 3/8 X 15 1/8 - PX12X15B A992	28'	11'-4 1/4"	10'-1 1/8"	18
B19	1	1	(B-19) 12 3/8 X 11 - PX16X50 A992	13'	10'-1 1/8"	8'-3 1/8"	19
B20	1	1	(B-20) 3 3/4 X 24 GLULAM	36'-0 3/4"	11'-3 1/8"	6'-3 1/8"	20
B21	1	1	(B-21) 3 3/4 X 16 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	18'-11 5/8"	21
B22	1	1	(B-22) 3 3/4 X 16 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(B-23) 3 3/4 X 16 1/2 GLULAM - VOID	50'-8 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(B-24) 3 3/4 X 16 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(B-25) 3 3/4 X 16 1/2 GLULAM - VOID	41'-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(B-26) 3 3/4 X 16 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	14'-1"	26
B27	1	1	(B-27) 3 3/4 X 15 GLULAM - VOID	33'-10"	20'-5"	16'-11"	27
B28	1	1	(B-28) 3 3/4 X 24 GLULAM	16'-3 7/8"	19'-11 1/8"	13'-11 1/8"	28
B29	1	5	(B-29) 1 3/4 X 18 MICRO=LLAM LVL	0'-8 7/8"	16'-0 1/8"	14'-6 1/8"	29
B30	1	1	(B-30) 3 3/4 X 24 GLULAM	22'-5 3/4"	17'-0 7/8"	15'-0 7/8"	30
B31	1	1	(B-31) 3 3/4 X 24 GLULAM	31'-3 1/2"	16'-3 1/4"	16'-3 1/4"	31
B32	1	1	(B-32) 3 3/4 X 24 GLULAM	23'-5 1/2"	14'-1 1/8"	17'-1 1/8"	32
B33	1	1	(B-33) 3 3/4 X 21 GLULAM	19'-8 1/2"	10'-10 1/8"	6'-1 1/8"	33
B34	1	1	(B-34) 3 3/4 X 21 GLULAM	29'-0 3/8"	11'-10 7/8"	12'-1 7/8"	34
B35	1	1	(B-35) 3 3/4 X 15 GLULAM	21'-4"	11'-1"	16'-1"	35
B36	1	1	(B-36) 3 3/4 X 15 GLULAM	21'-1"	16'-2"	14'-2"	36
B37	1	1	(B-37) 5 1/8 X 24 GLULAM	6'-1 1/4"	11'-5 1/8"	6'-5 1/8"	37
B38	1	1	(B-38) 14 3/16 X 14 5/8 - PX 14XRR A992	24'-4 1/4"	11'-3 1/8"	12'-0 7/8"	38
B39	1	1	(B-39) 5 1/8 X 24 GLULAM	2'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(B-01F) 3 3/4 X 10 GLULAM (COSMETIC)	11'-3"	10'-1 1/8"	2'-1 1/8"	1F
B41	1	1	(B-02F) 3 3/4 X 10 GLULAM (COSMETIC)	11'-2 1/2"	10'-1 1/8"	2'-1 1/8"	2F
B42	1	1	(B-03F) 3 3/4 X 10 GLULAM (COSMETIC)	11'-4 1/2"	10'-1 1/8"	2'-1 1/8"	3F
B43	1	1	(B-04F) 5 1/8 X 10 GLULAM (COSMETIC)	7'-0 3/8"	10'-1 1/8"	2'-1 1/8"	4F
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
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A2	ROOF BEAMS - 1ST LEVEL
A3	ROOF BEAMS - 2ND LEVEL
A4	ROOF BEAMS- OVERVIEW
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW

PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN YALLEY CO.,ID

CONTRACTOR TO VERIFY ALL DETAILS, DIMENSIONS, AND SPECIFICATIONS PRIOR 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
ARCH E (36" x 48")

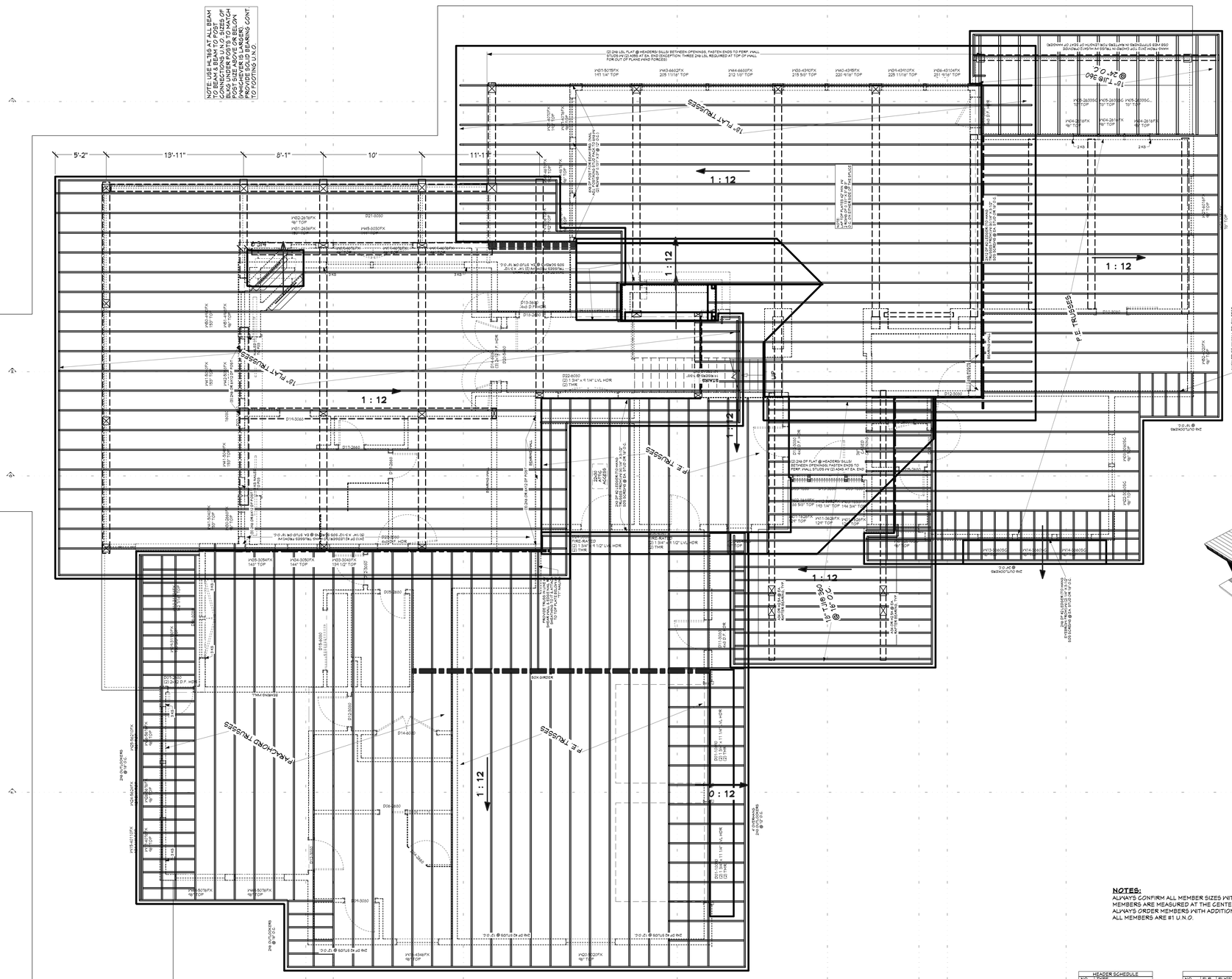
INITIAL DATE: 9/6/2020
PRINT DATE: 7/1/2022

DRAWN BY:
Steve

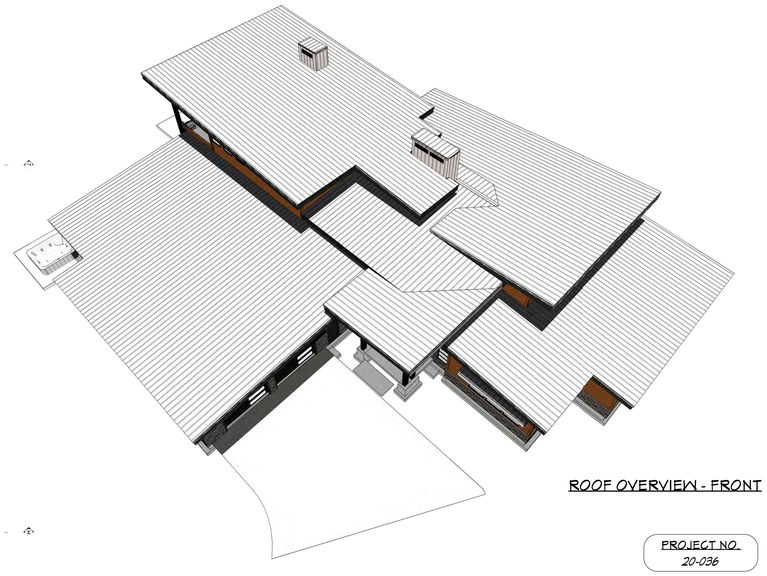
ROOF LAYOUT - 2ND LEVEL

SMC Design
SMC Design
208.249.7268
Nampa, ID

SHEET NUMBER
A6
PAGE 6 OF 7



ROOF LAYOUT - OVERVIEW 1/4 " = 1'-0"



ROOF OVERVIEW - FRONT

ROOF OVERVIEW - REAR

NOTES:
ALWAYS CONFIRM ALL MEMBER SIZES WITH PLANS, SECTIONS, ELEVATIONS, DETAILS ETC.
MEMBERS ARE MEASURED AT THE CENTERLINE. ADDITIONAL LENGTH WILL BE REQUIRED FOR PITCH CUTS, SEAT CUTS, HALF-LAP JOINTS ETC.
ALWAYS ORDER MEMBERS WITH ADDITIONAL LENGTH FOR TRIMMING AND REAL WORLD ADJUSTMENTS.
ALL MEMBERS ARE #1 U.N.O.

HEADER SCHEDULE	
NO.	TYPE
HO1	(1) 4X10 D.F.
HO2	(1) 4X6 D.F.
HO3	(2) 1 3/4 X 11 1/4 LVL
HO4	(2) 1 3/4 X 9 1/2 LVL
HO5	(2) 1 3/4 X 9 1/4 LVL
HO6	(2) 2X12 D.F.
HO7	(3) 1 3/4 X 9 1/2 LVL
HO8	(3) 2X12 D.F.

BEAM SCHEDULE							
NO.	FLR.	PLY(S)	NOTES	CTR. LG +/-	T.O. BEAM	B.O. BEAM	CALC #
B01	2	1	(8-01) 8 3/4 X 16 1/2 GLULAM - VOID	51'-0 1/8"	22'-1 1/4"	29'-9 3/4"	1
B02	2	1	(8-02) 8 3/4 X 16 1/2 GLULAM - VOID	37'-8 3/8"	22'-1 1/4"	29'-9 3/4"	2
B03	2	1	(8-03) 8 3/4 X 16 1/2 GLULAM - VOID	64'-1 3/8"	22'-1 1/4"	29'-9 3/4"	3
B04	2	1	(8-04) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	22'-1 1/4"	29'-9 3/4"	4
B05	2	1	(8-05) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	22'-1 1/4"	29'-9 3/4"	5
B06	2	1	(8-06) 8 3/4 X 16 1/2 GLULAM - VOID	52'-0 1/8"	22'-1 1/4"	29'-9 3/4"	6
B07	2	1	(8-07) 8 3/4 X 21 GLULAM	37'-1 3/8"	26'-1 5/8"	24'-10 5/8"	7
B08	2	1	(8-08) 8 3/4 X 21 GLULAM	41'-11 1/8"	26'-8 5/8"	23'-4 5/8"	8
B09	2	1	(8-09) 8 3/4 X 21 GLULAM	31'-8 5/8"	24'-10 5/8"	25'-1 5/8"	9
B10	2	1	(8-10) 8 3/4 X 21 GLULAM	31'-8 5/8"	24'-0 5/8"	22'-3 5/8"	10
B11	2	1	(8-11) 8 3/4 X 21 GLULAM	22'-2 1/4"	29'-1 1/8"	21'-4 1/8"	11
B12	1	1	(8-12) 8 3/4 X 16 1/2 GLULAM	0'-1 1/2"	11'-1"	16'-2 1/2"	12
B13	1	1	(8-13) 5 1/8 X 24 GLULAM	12'-1 1/4"	11'-3 1/8"	4'-3 1/8"	13
B14	1	1	(8-14) 5 1/8 X 24 GLULAM	11'-1 1/4"	11'-3 1/8"	4'-3 1/8"	14
B15	1	1	(8-15) 5 1/8 X 24 GLULAM	10'-10 1/4"	11'-3 1/8"	4'-3 1/8"	15
B16	1	1	(8-16) 14 3/16 X 14 9/0 - JN 14XRR A49R2	7'-2 1/2"	11'-3 1/8"	12'-1"	16
B17	1	1	(8-17) 1 3/4 X 13 MICRO=LAM LVL	0'-7"	11'-1 1/8"	12'-1 1/8"	17
B18	1	1	(8-18) 12 3/8 X 15 1/8 - JN12X15L A49R2	28'	11'-4 1/4"	12'-1 1/8"	18
B19	1	1	(8-19) 12 3/8 X 11 - JN12X9L0 A49R2	13'	10'-1 1/8"	8'-3 1/8"	19
B20	1	1	(8-20) 5 3/4 X 24 GLULAM	30'-0 3/4"	11'-3 1/8"	4'-3 1/8"	20
B21	1	1	(8-21) 5 3/4 X 13 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	16'-11 5/8"	21
B22	1	1	(8-22) 5 3/4 X 13 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	22
B23	1	1	(8-23) 5 3/4 X 13 GLULAM - VOID	50'-6 1/8"	20'-5 5/8"	14'-1 1/8"	23
B24	1	1	(8-24) 5 3/4 X 16 1/2 GLULAM - VOID	4'1"-2"	20'-5 5/8"	14'-1 1/8"	24
B25	1	1	(8-25) 5 3/4 X 16 1/2 GLULAM - VOID	4'1"-2"	20'-5 5/8"	14'-1 1/8"	25
B26	1	1	(8-26) 5 3/4 X 16 1/2 GLULAM - VOID	34'-4 5/8"	20'-5 1/2"	14'-1"	26
B27	1	1	(8-27) 5 3/4 X 13 GLULAM - VOID	59'-1"	20'-5"	18'-11"	27
B28	1	1	(8-28) 5 3/4 X 24 GLULAM	16'-4 7/8"	19'-11 1/8"	19'-11 1/8"	28
B29	1	5	(8-29) 1 3/4 X 13 MICRO=LAM LVL	0'-8 7/8"	18'-0 1/8"	14'-6 1/8"	29
B30	1	1	(8-30) 5 3/4 X 24 GLULAM	22'-9 3/4"	17'-0 7/8"	19'-0 7/8"	30
B31	1	1	(8-31) 5 3/4 X 24 GLULAM	31'-3 1/2"	18'-3 1/4"	18'-3 1/4"	31
B32	1	1	(8-32) 5 3/4 X 24 GLULAM	22'-5 1/2"	16'-1 1/8"	17'-1 1/8"	32
B33	1	1	(8-33) 5 3/4 X 21 GLULAM	15'-5 1/2"	10'-10 1/8"	6'-1 1/8"	33
B34	1	1	(8-34) 8 3/4 X 21 GLULAM	25'-0 3/8"	11'-10 7/8"	12'-1 7/8"	34
B35	1	1	(8-35) 8 3/4 X 15 GLULAM	21'-4"	17'-1"	18'-1"	35
B36	1	1	(8-36) 8 3/4 X 15 GLULAM	21'-1"	16'-2"	14'-2"	36
B37	1	1	(8-37) 5 1/8 X 24 GLULAM	6'-1 1/4"	11'-5 1/8"	6'-5 1/8"	37
B38	1	1	(8-38) 14 3/16 X 14 9/0 - JN 14XRR A49R2	24'-4 1/4"	11'-3 1/8"	12'-0 7/8"	38
B39	1	1	(8-39) 5 1/8 X 24 GLULAM	6'-2 1/8"	11'-3 1/8"	4'-3 1/8"	39
B40	1	1	(8-01P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-3"	10'-1 1/8"	2'-1 1/8"	1F
B41	1	1	(8-02P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-2 1/2"	10'-1 1/8"	2'-1 1/8"	2F
B42	1	1	(8-03P) 8 3/4 X 18 GLULAM (COSMETIC)	11'-4 1/8"	10'-1 1/8"	2'-1 1/8"	3F
B43	1	1	(8-04P) 5 1/8 X 18 GLULAM (COSMETIC)	7'-0 3/8"	10'-1 1/8"	2'-1 1/8"	4F
B44	0	20	CRAWL SPACE HEADERS				

SHEET INDEX	
PAGE	TITLE
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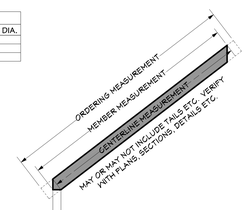
A5	ROOF LAYOUT - 1ST LEVEL
A6	ROOF LAYOUT - 2ND LEVEL
A7	ROOF LAYOUT - OVERVIEW

POST SCHEDULE			
NO.	QTY	FLR.	NOTES
P01	11	1	10X10 D.F. #2
P02	4	1	10X10 D.F. #2
P03	3	1	12X12 D.F. #2
P04	5	1	8X12 D.F. #2
P05	1	2	8X10 D.F. #2
P06	2	1	8X10 D.F. #2
P07	1	1	10X12 D.F. #2
P09	4	2	8X10 D.F. #2
P08	1	2	6X6 D.F. #2
P10	1	1	8X12 D.F. #2
P11	4	1	6X6 D.F. #2
P12	2	1	6X6 D.F. #2
P13	2	2	8X12 D.F. #2
P14	2	1	5 1/2 X 12 1/2 D.F. #2

STEEL BEAM CONNECTION SCHEDULE			
BEAM DEPTH	L3X3 (A36) ANGLE	FILLET WELD SIZE # OF BOLTS AND DIA.	
0'- 1 0"	3/0"	1/4"	(2) 3/4" DIA.
1 2"- 1 4"	3/0"	1/4"	(3) 3/4" DIA.
1 5"- 1 6"	3/0"	1/4"	(4) 3/4" DIA.

HANGER SCHEDULE					
CALLOUT	MODEL	TOP NAILS	SEAT	MEMBER NAILS	FACE NAILS
S01	FAS HGR 1	N/A	3.25"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S02	HUS 1111	N/A	2.00"	6-10D/1.5	18-10D
S03	ITS2.06/9	4-10D/1.5	2.00"	2-STRONG-TIE	N/A
S04	HGUS 26-5/8 (HH18")		2.00"		
S05	FAS HGR 3	N/A	3.25"	2 - 3/4 X THRU	6 - 1/2" X 4" LAG
S06	ITS2.37/11.5	4-10D/1.5	2.00"	2-STRONG-DRIF	2-10D/1.5
S07	HGT 37/11	N/A	2.00"	6-10D/1.5	18-10D

BLOCK & GABLE/DRAG TRUSS OR BEH KEY NOTES	
CALLOUT	DESCRIPTION
BK3	3X10 DF#2 BLOCKING BETWEEN EVERY OTHER TRUSS BAYS PV (2)A35 EQTS FROM BLOCKING TO TOP PLATE. (1)A35 EQTS FROM BLOCKING TO TRUSS
T1	2X6 DF#2 GABLE/DRAG TRUSS BRACE FROM TOP PLATE PV 100 TORNADO & @ 0°-O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS
T2	2X4 DF#2 GABLE / DRAG TRUSS OB BRACE TO TOP PLATE PV 100 TORNADO & @ 0°-O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS OR BEH.
BK1	2X6 DF#2 BLOCKING BETWEEN TRUSSES AT 24" O.C. PV 100 TORNADO & @ 0°-O.C. EDGE NAIL SHEATHING ABOVE TO TRUSS



ROOF MATERIALS

RIDGE CAP	11 Ft
VALLEY FLASHING	15 Ft
90 DEG. FLASHING	64 Ft
BEND TO SLOPE FLASHING	159 Ft
RIDGE VENT	12 Ft
METAL ROOFING	9360 Sq. Ft.
OSB	268 Ea
GABLE FASCIA	445 Ft
EAVE FASCIA	495 Ft
DRIP EDGE	940 Ft

PROJECT NO.
20-036

3 BDRM 3 FULL BATH (2) 1 1/2 BATH FOR GEORGE & SHANA MONROE
REVISED ROOF LAYOUT - JOHNSON LN VALLEY 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
ARCH E (36" x 48")

INITIAL DATE: 8/6/2020
PRINT DATE: 7/1/2022

DRAWN BY:
Steve

ROOF LAYOUT - OVERVIEW

SMC Design
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SHEET NUMBER
A7
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