Project Name & Address:

WHITE ROCK CABIN

772 CEDAR GROVE ROAD, SHEPHERDSVILLE, KY 40165 (BULLITT COUNTY)

ATTENTION LOCAL INSPECTION DEPARTMENT
IF THIS STRUCTURE IS IN A THERMAL ZONE MORE STRINGENT THAN THAT LISTED ON THESE PLANS. IS SET ON PILINGS, OR IS INSTALLED AT A MOUNTAIN REGION OR COASTAL HIGH HAZARD SITE SUCH THAT WIND OR OTHER DESIGN PARAMETERS ARE INCREASED, THE DESIGN MUST BE DETERMINED TO BE ADEQUATE FOR THE ACTUAL SITE CONDITIONS. ALTERATIONS MAY BE REQUIRED TO BRING THE HOME INTO COMPLIANCE WITH THE MORE STRINGENT CONDITIONS.

ATTENTION LOCAL INSPECTION DEPARTMENT
SET-UP INSTRUCTIONS FOR THIS MODULAR UNIT ARE INCLUDED BY ATTACHMENT TO THESE PLANS. ANY PLAN SET WHICH DOES NOT INCLUDE AN ATTACHMENT ENTITLED "INSTALLATION MANUAL" ARE INCOMPLETE. ATTACHED IS OUR INSTALLATION MANUAL APPROVED BY PFS

ATTENTION LOCAL INSPECTION DEPARTMENT
ALL MECHANICAL (DESIGN, MATERIALS, INSTALLATION & INSPECTION) IS TO BE DONE ON-SITE BY OTHERS

ATTENTION LOCAL INSPECTION DEPARTMENT
THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY ROLLING ACRES CABINS, HAVE NOT BEEN INSPECTED BY PFS CORPORATION.
CODE COMPLIANCE MUST BE DETERMINED

- EXTERIOR LIGHTS
- PLUMBING CONNECTIONS UNDER THE FLOOR
- CONNECTIONS FROM MODULAR TO FOUNDATION
- COMPLETION OF THE ENERGY CERTIFICATE (SEE ATTACHED ENERGY CODE CALCULATIONS FOR ADDITIONAL ITEMS TO BE INSPECTED ON-SITE)
- ON-SITE TRUSS CONNECTIONS
- FOUNDATION DESIGN AND CONSTRUCTION
- APPLIANCES AND THEIR INSTALLATION
- PORCHES TO BE COMPLETED ON-SITE
- ELECTRICAL DISCONNECT
- 2ND FLOOR ELECTRICAL WIRING
- PLUMBING FIXTURES NOT INDICATED ON SHEET 9

CLASSIFICATION	
FOUNDATION:	___BASEMENT
	_X_CRAWL
TOTAL SQUARE FOOT:	941 TOTAL S.F.
OCCUPANT LOAD:	SINGLE FAMILY
USE GROUP:	RESIDENTIAL 1 & 2 FAMILY DWELLING
CONSTRUCTION TYPE:	VB WOOD FRAMED UNPROTECTED
SETBACK:	NOT LESS THAN 5' TO PROPERTY LINE
BUILDING HEIGHT:	21'-8 3/8" TOP OF SILL TO PEAK
# OF STORIES ABOVE GRADE:	1 1/2
FINISHED FLOOR HT. ABOVE GRADE:	< 6'
HOUSE LOCATED IN FLOOD PLAIN:	NO
SPRINKLER REQUIRED:	NO

DESIGN LOADS	
ROOF LIVE LOAD:	15 PSF GSL
ROOF DEAD LOAD:	20 PSF
FLOOR LIVE LOAD:	40 PSF NON-SLEEPING AREAS
	30 PSF SLEEPING AREAS
FLOOR DEAD LOAD:	10 PSF
HORIZONTAL WIND LOAD:	115 MPH Vult
EXPOSURE:	C
SEISMIC CATEGORY:	B

APPLICABLE CODES	
BUILDING CODE:	2018 KENTUCKY RESIDENTIAL CODE (BASED ON THE 2015 INTERNATIONAL RESIDENTIAL CODE)
ELECTRICAL CODE:	2014 NFPA 70-NATIONAL ELECTRICAL CODE
ENERGY CODE:	2009 INTERNATIONAL ENERGY CONSERVATION CODE (FOR USE WITH THE KENTUCKY RESIDENTIAL CODE ONLY)

INSULATION VALUES	
ROOF TO EXTERIOR:	
FLAT CLG BEHIND COLLAR TIES:	R-19
SLOPED CEILING:	R-19
COLLAR TIE CEILING:	R-19
ATTIC KNEE WALLS:	R-13
EXTERIOR WALLS TO EXTERIOR:	R-19
FLOOR:	R-19
CLIMATE ZONE:	4
TOTAL BTU HEAT LOSS:	27,837 BTUH
SEE ATTACHED RES-CHECK FOR ENERGY CODE COMPLIANCE	

DRAWING INDEX

SHEET#	DESCRIPTION	REV. DATE	LAYER CODE
0	COVER SHEET	.	CV
1	FOUNDATION PLAN LAYOUT	.	FD
2	1ST STORY FLOOR PLAN	.	1Q
2.1	2ND STORY FLOOR PLAN	.	2Q
2A	1ST STORY STRUCTURAL PLAN	.	1ST
2A.1	VAULT CONNECTIONS	.	0
3	1ST STORY ELECTRICAL PLAN	.	1E
3A	ELECTRICAL NOTES & DETAILS	.	1E
4	FRONT & REAR ELEVATIONS	.	1EV
4A	RIGHT & LEFT SIDE ELEVATIONS	.	1EV
5	CROSS SECTIONS	.	1SE
5A	CROSS SECTION DETAILS	.	1SE
5B	LVL INTERCONNECTION DETAIL	.	.
5C	STAIR CROSS SECTION	.	11SE
5D	TRUSS CONNECTIONS	.	1SE
6	1ST STORY BRACED WALL PLAN	.	1SH
6A	BRACED WALL CONNECTION DETAILS	.	.
7	MECHANICAL VENTILATION DETAILS	.	.
8	PORCH DETAILS AND CONNECTIONS	.	2SE
8A	WOOD SIDING DETAILS	.	.
8A.1	WOOD SIDING DETAILS	.	1PLU
9	1ST FLOOR DWV	.	.
9A	1ST FLOOR SUPPLY	.	1PL
9B	TYPICAL PLUMBING NOTES AND DETAILS	.	.
10	CEILING FRAMING LAYOUT	.	1C
10.1	ROOF FRAMING LAYOUT	.	2C
11	WINDOW & DOOR SCHEDULE	.	SCH
12	GENERAL NOTES	.	.

ADDITIONAL SHEETS:

1-9	ENERGY CHECK
1	HEAT LOSS CALCULATION
1	WHOLE HOUSE VENTILATION CALCULATIONS
1-14	METAL ROOFING SPECIFICATIONS
1-2	WATER HEATER SPECIFICATIONS
1-9	TRUSS PRINTS
1-25	STRUCTURAL CALCULATIONS

ROLLING ACRES CABINS
166 JOHN LOGSDON CEMETERY RD.
MUNFORDVILLE, KY 42765
PH: (270)524-4252

PROFESSIONAL ENGINEER
DAVID E. BILLINGSLEY, P.E.
217 EAST MAIN STREET
MIDDLEBURG, PA 17842
PHONE: 570-837-0577
FAX: 570-837-0585
EMAIL: david@yglencoinc.com

Builder Name: ROLLING ACRES CABINS

S/N: RAC-WHITE ROCK CABIN

SPECIAL USE CONDITIONS, PROVISIONS, LIMITATIONS:

- BUILDING IS DESIGNED PER PROVIDED SETBACKS SHOWN IN CLASSIFICATION SECTION ABOVE. ALL ZONING REQUIREMENTS AND ANY ADDITIONAL FIRE RATINGS REQUIRED ARE THE RESPONSIBILITY OF THE BUILDER.

FIRE PROTECTION SYSTEM:

- SMOKE ALARMS AS PER STATE CODES
- FLAME SPREAD IS LESS THAN OR EQUAL TO 200

HEAT LOSS BTU REQUIREMENTS BASED ON THE FOLLOWING:

- FURNACES AND OR HEAT PUMPS TO BE INSTALLED ACCORDING TO ALL STATE AND LOCAL CODES W/ MIN.78 AFUE RATING. ALL OTHERS SYSTEMS TO MEET ALL STATE AND LOCAL CODES.
- ELECTRIC HEAT (SUPPLIED & INSTALLED ON-SITE BY OTHERS PER ALL STATE & LOCAL CODES)
  - ELEMENT LENGTHS ARE BASED ON 250 WATTS/FT
- HWBB HEAT (SUPPLIED & INSTALLED ON-SITE BY OTHERS PER ALL STATE & LOCAL CODES)
  - ELEMENT LENGTHS ARE BASED ON 550 BTU'S/FT @ 180° WATER TEMP. AT A FLOW RATE OF 1 GPM USING 3/4" PIPE.

MAXIMUM ELEMENT LENGTH PER LOOP (INDUSTRY STANDARD): TO STAY WITHIN A 20° TEMPERATURE DROP	
PIPE SIZE	MAX. ELEMENT LENGTH
1/2" PIPE	25'-0"
3/4" PIPE	67'-0"
1" PIPE	104'-0"
1 1/4" PIPE	144'-0"

VENTILATION:

- BATH FANS TO PROVIDE A MINIMUM AIR EXCHANGE OF 50 CFM OR LARGER DUE TO AREA.
- ALL EXHAUST SYSTEMS TO TERMINATE TO EXTERIOR OF STRUCTURE WITH BACK DRAFT BAFFLE.

GENERAL NOTES

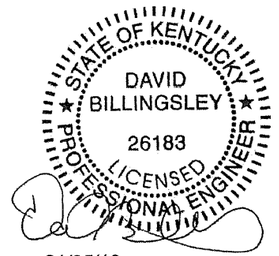
THESE DRAWINGS ARE THE PROPERTY OF ROLLING ACRES CABINS AND SHALL NOT BE REPRODUCED OR COPIED WITHOUT AUTHORIZATION.

OPENINGS FOR EMERGENCY USE (EGRESS WINDOWS & DOORS) TO COMPLY WITH SECTION 310 AND 311 OF THE RESIDENTIAL CODE

ALL STAIR & EGRESS REQUIREMENTS TO COMPLY WITH SECTION R311

DISCLAIMER: These drawings have been prepared and reviewed in accordance with all applicable codes. This drawing set is not intended to be all inclusive, nor does this set detail every code required aspect of this building. The building contractor is responsible for compliance with all applicable codes under the supervision of the local authority having jurisdiction whether detailed in this set or not. Rolling Acres Cabins, its employees and affiliates assume no liability for errors and omissions from this set of drawings as may be permitted by law.

SEAL:



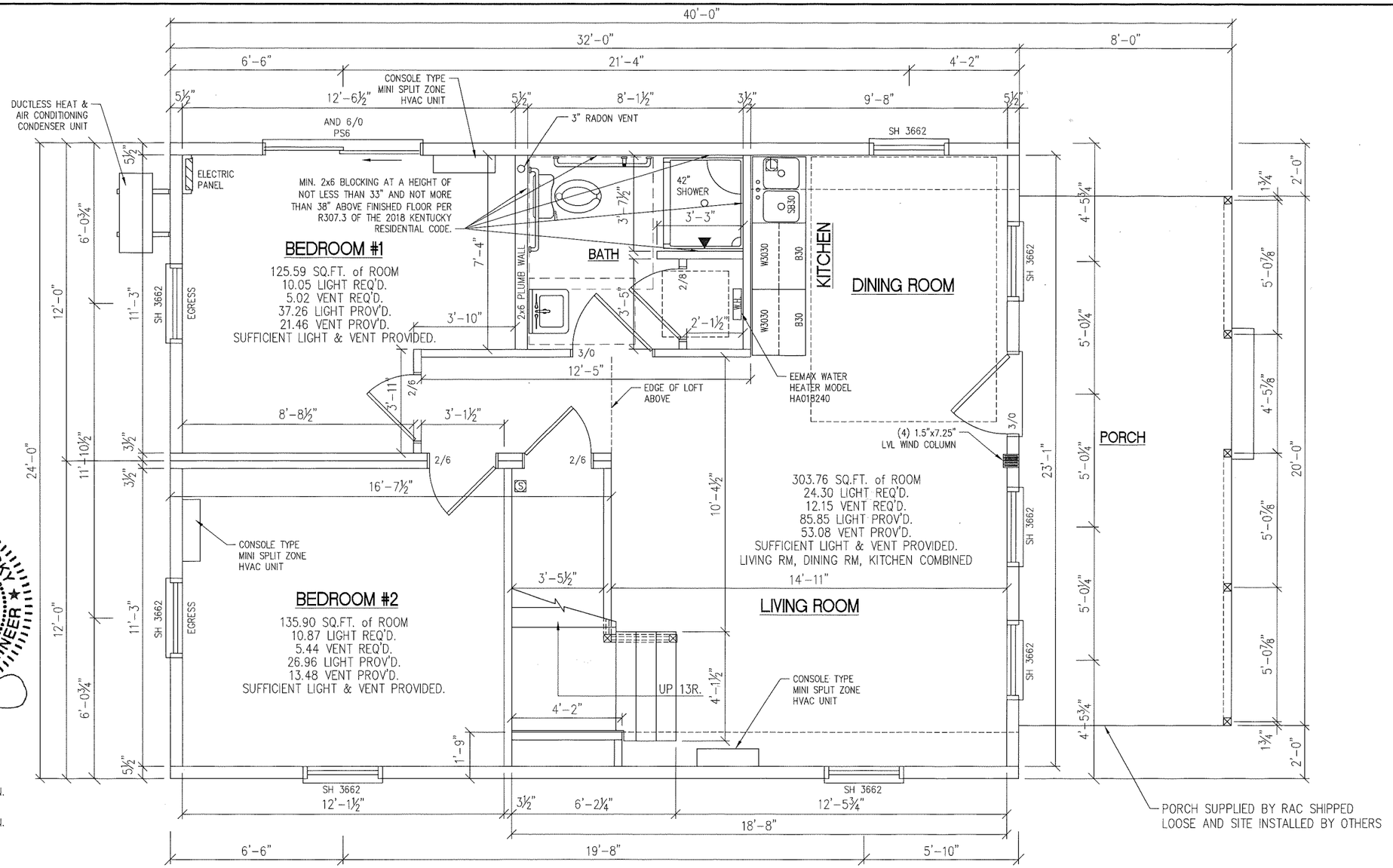
01/25/19

REVISIONS: BY: . CHECKED BY: .
REV# . DATE . DRAWN BY: GLENCO DATE: 12/14/18 SCALE: N.T.S.

CUSTOMER/PROJECT: WHITE ROCK CABIN, 772 CEDAR GROVE ROAD, SHEPHERDSVILLE, KY 40165

BUILDER: AMISH MADE CABINS, LLC, P.O. BOX 743, SHEPHERDSVILLE, KY 40165

FILE: WHITE ROCK CABIN
SQ.FT.: 941
STATE: KY
TYPE: CAPE
MODEL: CUSTOM
DRAWING: COVER PAGE
SHEET: 0



STATE OF KENTUCKY
DAVID BILLINGSLEY
26183
LICENSED PROFESSIONAL ENGINEER
01/25/19

DATA PLATE, STATE & 3RD PARTY LABEL LOC'N.

3RD PARTY LABEL LOC'N.

NOTES:

1. THIS HOUSE PLAN MAY BE FLIPPED FROM FRONT TO BACK & OR LEFT TO RIGHT.
2. INTERIOR WALL PARTITIONS (NON-LOAD BEARING AND NON-BRACED) MAY BE MOVED OR DELETED FROM THE PLAN.
3. KITCHEN & BATH ROOM CABINETS MAY BE MOVED, ADDED OR OMITTED.
4. PANEL BOX LOCATION MAY VARY PENDING INDIVIDUAL ELECTRIC SERVICE REQUIREMENTS.
5. ACTUAL WINDOWS & DOORS MAY BE UPGRADED AS LONG AS THEY ARE EQUAL TO OR BETTER THEN SPECIFIED.

ALL WINDOW OPENINGS WHICH ARE 72" ABOVE FINISHED GRADE, WITH THE BOTTOM OF THE CLEAR OPENING LESS THAN 24" ABOVE FINISHED FLOOR, SHALL BE PROVIDED WITH FIELD SUPPLIED AND INSTALLED WINDOW GUARDS PER. R312.2

FLOOR PLAN SQUARE FOOTAGES

1st Floor = 768 SQ.FT. of Living Space
2nd Floor = 173 SQ.FT. of Living Space
Total = 941 SQ.FT. of Living Space
Porch = 160 SQ.FT. of Porch
Total = 1,101 SQ.FT. Under Roof

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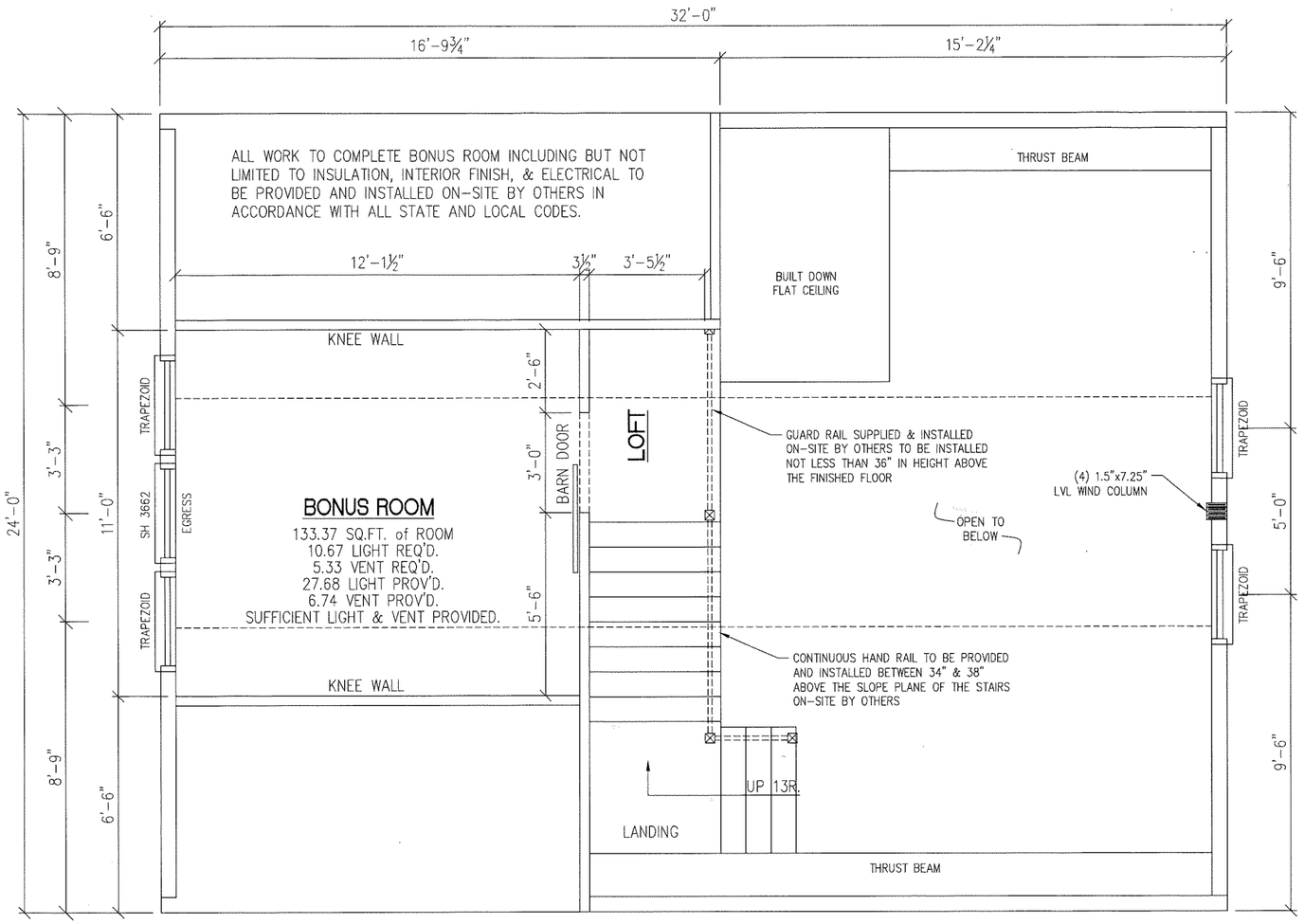
EMAIL: david@elencoinc.com

REVS	DATE	REVISIONS	BY:

DRAWN BY: GLENCO | DATE: 12/14/18 | SCALE: 1/4"=1'-0" | CHECKED BY:

CUSTOMER/PROJECT: WHITE ROCK CABIN, 772 CEDAR GROVE ROAD, SHEPHERDSVILLE, KY 40165
BUILDER: AMISH MADE CABINS, LLC, P.O. BOX 745, SHEPHERDSVILLE, KY 40165

FILE: WHITE ROCK CABIN
SQ.FT.: 941
STATE: KY
TYPE: CAPE
MODEL: CUSTOM
DRAWING: 1ST STORY FLOOR PLAN
SHEET: 2



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FILE: WHITE ROCK CABIN
SQ.FT.: 941
STATE: KY
TYPE: CAPE
MODEL: CUSTOM
DRAWING: ATTIC FLOOR PLAN
SHEET: 2.1