

SHEET SCHEDULE

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S2	FLOOR SLAB PLAN
S3	WALL FRAMING PLAN
S4	ROOF FRAMING PLAN

RESIDENTIAL CODE SUMMARY

PLANS ARE DESIGNED TO MEET REQUIREMENTS OF 2018 NORTH CAROLINA RESIDENTIAL CODE

STRUCTURE IS DESIGNED TO WITHSTAND 120 MPH, 3 SECOND GUST (85 FASTEST WIND), EXPOSURE B.

ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE. ANCHOR BOLTS TO BE NO MORE THAN 6" O.C. AND WITHIN 12" OF THE CORNERS.

MEAN ROOF HEIGHT=18'-4"				
COMPONENT AND CLADDING ARE DESIGNED FOR THE FOLLOWING LOADS:				
MEAN ROOF HEIGHT	UP TO 30'	30'-1"-35'	35'-1"-40'	40'-1"-45'
ZONE 1	16.5-18.0	17.3-18.9	18.0-19.6	18.5-20.2
ZONE 2	18.5-21.0	17.3-22.1	18.0-22.9	18.5-23.5
ZONE 3	16.5-21.0	17.3-22.1	18.0-22.9	18.5-23.5
ZONE 4	18.0-19.5	18.9-20.5	19.6-21.3	20.2-21.8
ZONE 5	18.0-24.1	18.9-25.3	19.6-26.3	20.2-27.0

MINIMUM VALUES FOR ENERGY COMPLIANCE

NOT APPLICABLE FOR THIS UNCONDITIONED BUILDING

ZONE 4

MAXIMUM GLAZING U-FACTOR=0.35

CEILING R-30 (UNCOMPRESSED)

WALLS R-13 CAVITY + R-2.5 SHEATHING OR R15 CAVITY

FLOORS R-19

BUILDING AREAS: (AREAS CALCULATED TO INSIDE CORNERS OF FRAMED WALLS)

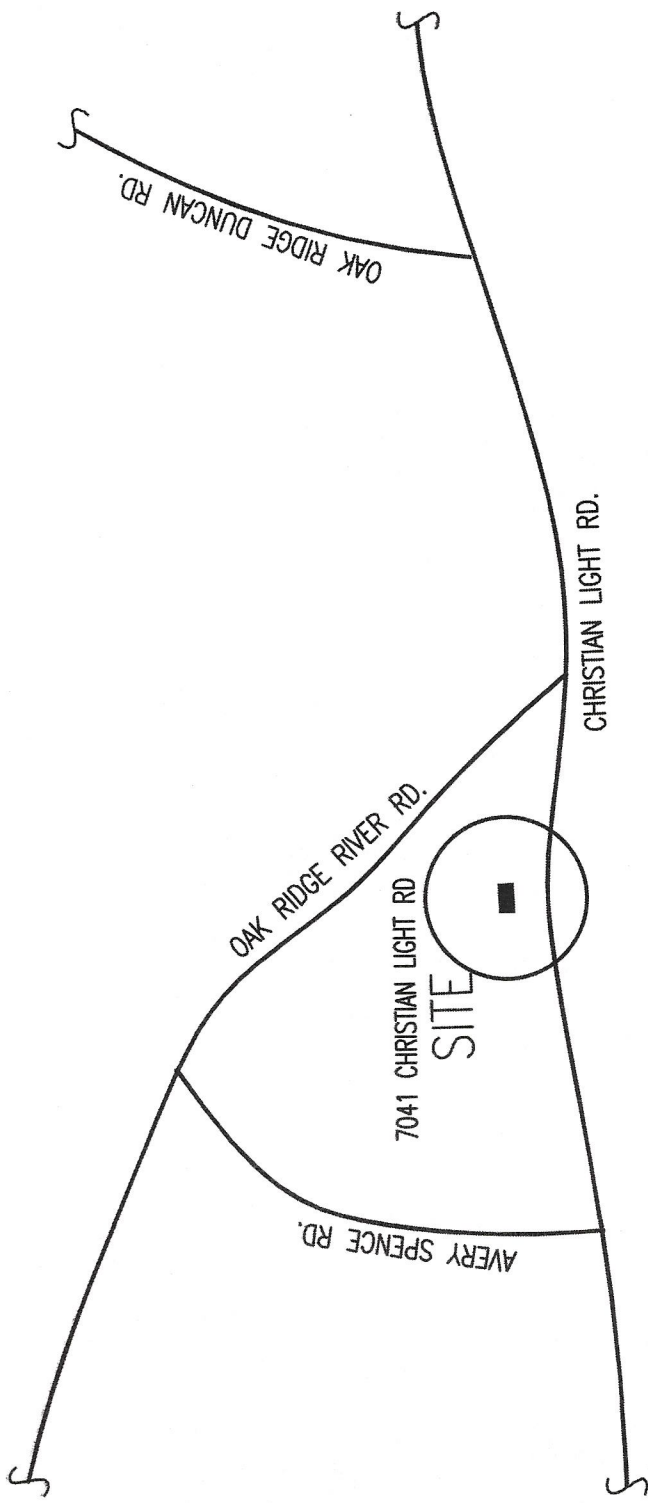
1200 SF UNCONDITIONED

ATTIC SPACE VENTILATION

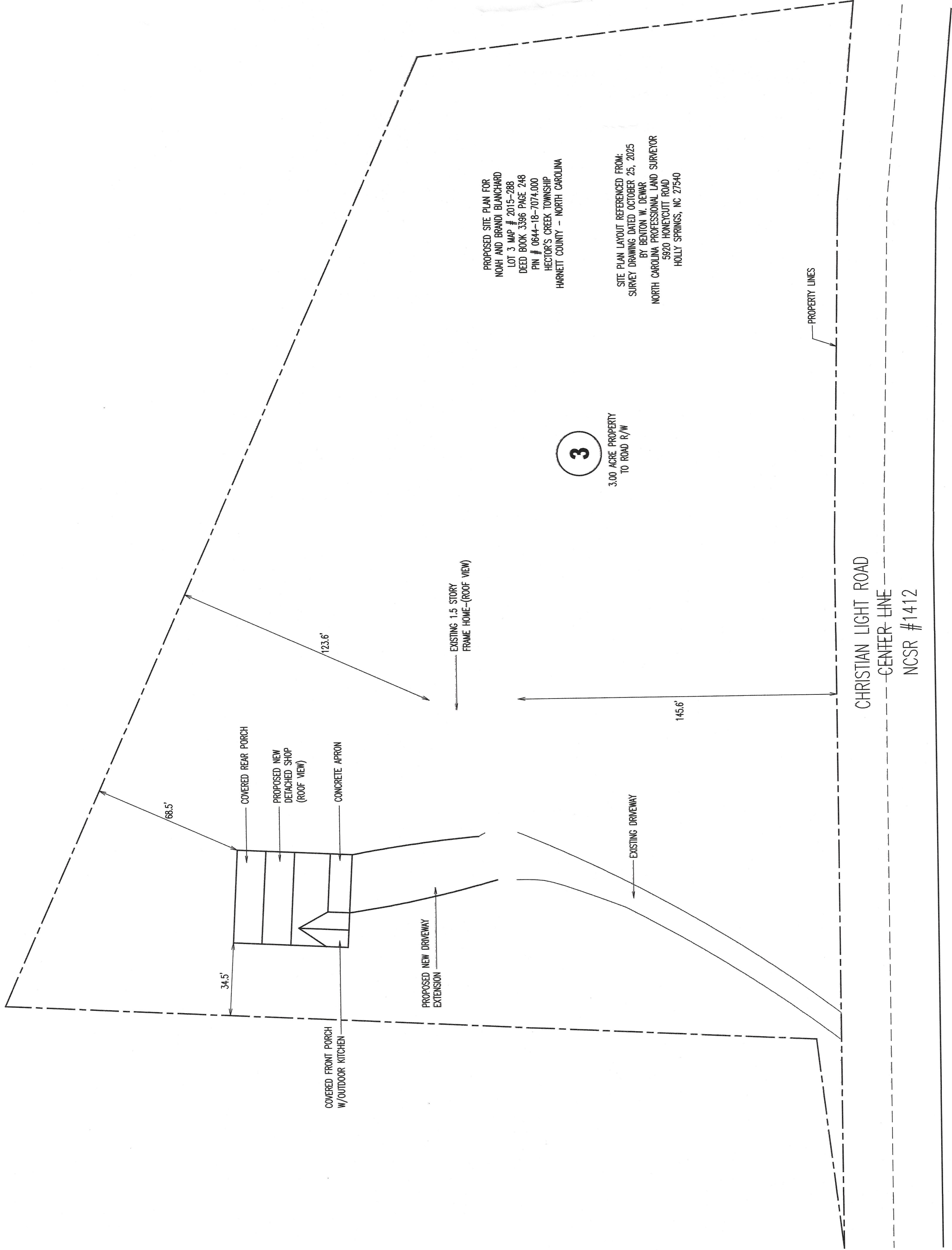
1/150 X 1200 SQ.FT. ATTIC AREA=B.O. SQ.FT. NET FREE AREA OF LOWER RECD'

METHOD OF VENTILATION

CONTINUOUS ROOF RIDGE VENTING WITH PERFORATED, CONTINUOUS SOFFIT VENTING FOR INTAKE.



VICINITY MAP



C1 SITE PLAN
01 1" = 30'-0"

NOAH & BRANDI BLANCHARD
DETACHED SHOP ADDITION

7041 CHRISTIAN LIGHT ROAD, FLOUQUAY-VARINA, N.C.

BUILDING DESIGN BY:
S&S CONTRACTING
6349 RIVER ROAD, FLOUQUAY, NC 27526

STRUCTURAL EVALUATION BY:
HOWERTON SERVICES, PLLC
3513 CATHEDRAL BELL ROAD, RALEIGH N.C. 27614

DESCRIPTION:
COVER SHEET
DATA

REVISION:

DATE:
NOVEMBER 2025

DRAWING:

C1