

# RESIDENTIAL CODE SUMMARY

PLANS ARE DESIGNED TO MEET REQUIREMENTS OF 2018 NORTH CAROLINA RESIDENTIAL CODE  
 STRUCTURE IS DESIGNED TO WITHSTAND 100 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=14'-11"

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	16.5,-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

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

ADDITION AREAS:

GARAGE	655
MUDROOM	76
SCREENPORCH	151
DECK	267

ATTIC SPACE VENTILATION

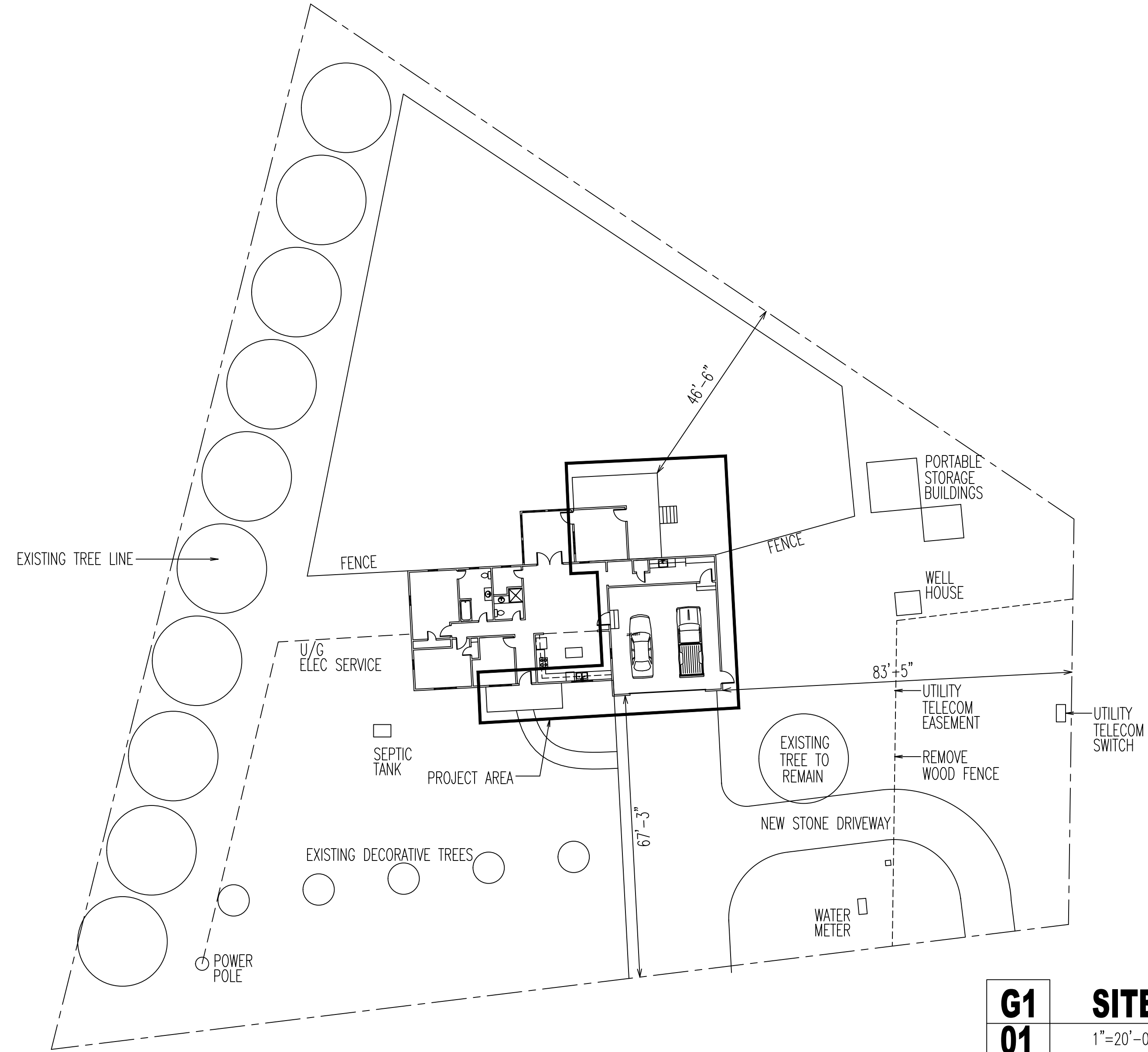
GARAGE ROOF  
 1/150 X 655 SQ.FT. ATTIC AREA=4.37 SQ.FT. NET FREE AREA OF LOUVER REQ'D  
 SUNROOM/SCREENPORCH ROOF  
 1/150 X 315 SQ.FT. ATTIC AREA=2.1 SQ.FT. NET FREE AREA OF LOUVER REQ'D

METHOD OF VENTILATION

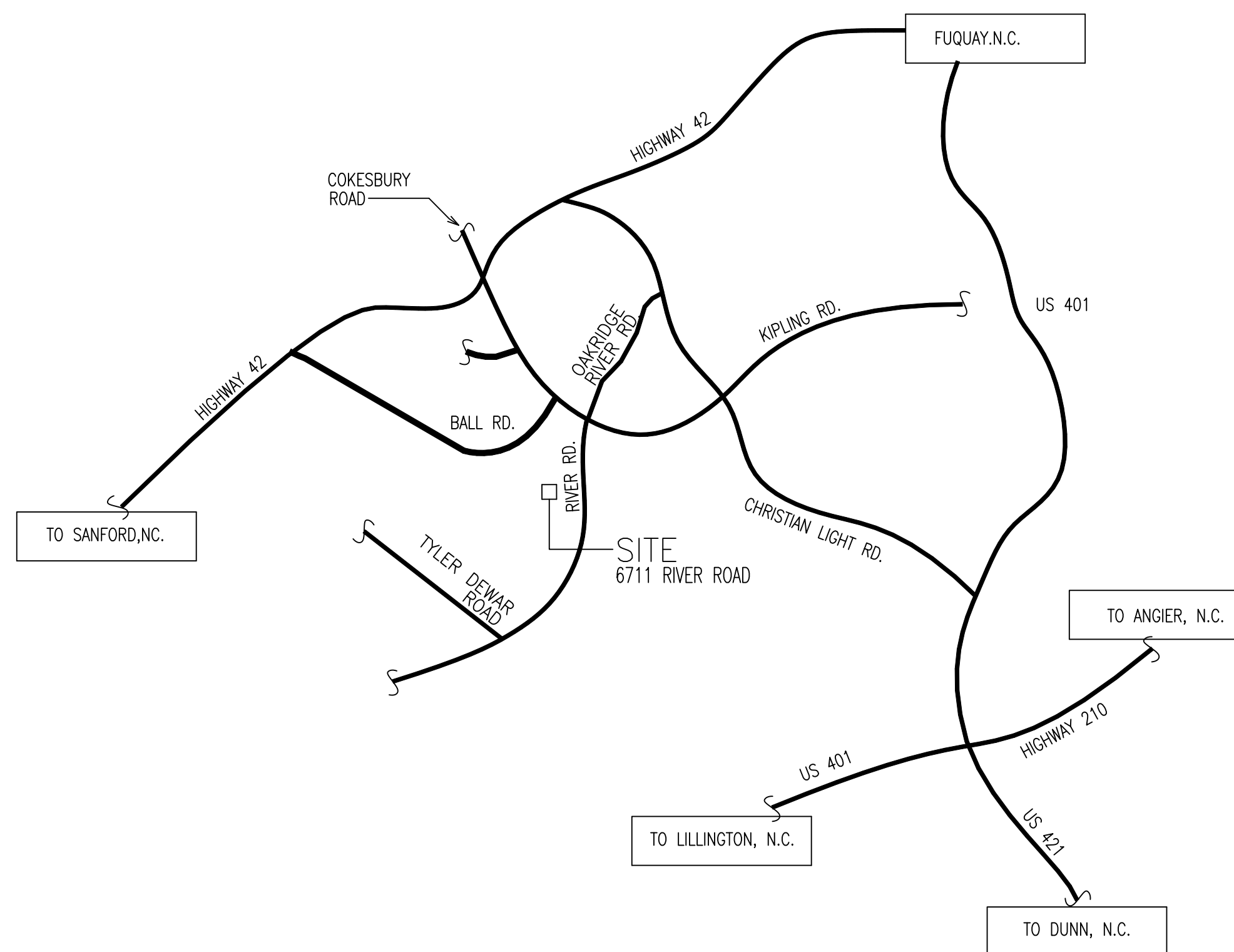
CONTINUOUS ROOF RIDGE VENTING WITH PERFORATED, CONTINUOUS SOFFIT VENTING FOR INTAKE.

CRAWL SPACE VENTILATION

CRAWL SPACE TO BE SEALED, FOUNDATION VENTS EXCLUDED.



**G1**  
**01** SITE PLAN  
1"=20'-0"



## SHEET SCHEDULE

NO.	DESCRIPTION
G1	SITE PLAN AND GENERAL DATA

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

**REICHERT RESIDENCE RENOVATIONS**  
 FUQUAY-VARINA  
 HARNETT COUNTY, N.C.  
 6711 RIVER ROAD

DESCRIPTION:  
 SITE PLAN AND GENERAL DATA

REVISOR:

DATE:  
 JULY 2020

DRAWING:  
**G1**