

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 (65 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=20'-5"

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

MINIMAL VALUES FOR ENERGY COMPLIANCE:

ZONE 4
 MAXIMUM CLADDING U-FACTOR=0.30
 CEILING R-30 (UNCOMPRESSED)
 WALLS R-13 CAVITY + R-2.5 SHEATHING OR R15 CAVITY
 SLAB EDGE R-10 (CONDITIONED AREA)

MAIN FLOOR AREA:

CONDITIONED	1101 SF
FRONT PORCH	257 SF
SIDE PORCH	53 SF

ATTIC SPACE VENTILATION

1/150 X 1101 SQ.FT. ATTIC AREA=7.3 SQ.FT. NET FREE AREA OF LOWER LEVEL

METHOD OF VENTILATION

CONTINUOUS ROOF RIDGE VENTING WITH PERFORATED, CONTINUOUS SOFFIT VENTING FOR INWIND

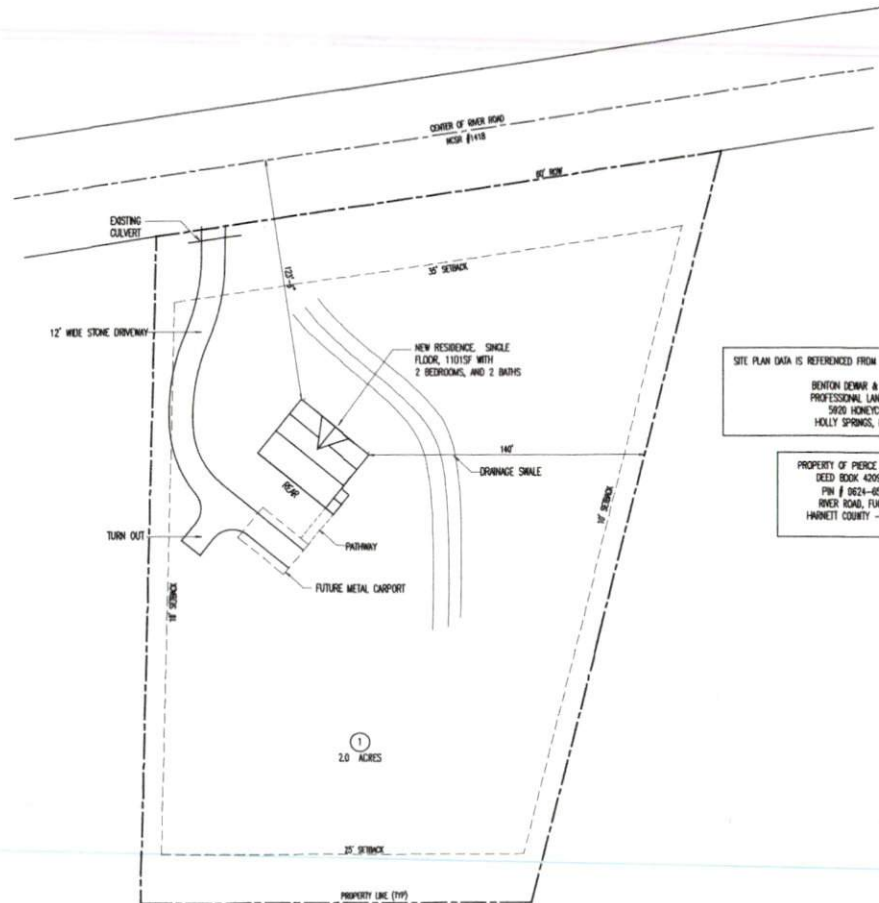
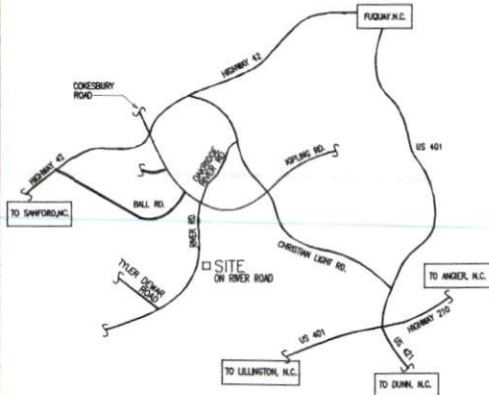
CRAWL SPACE VENTILATION

NOT APPLICABLE FOR THIS PROJECT

SHEET SCHEDULE

A0	COVER SHEET, SITE AND DATA
A1	FLOOR PLAN
A2	DIMENSIONAL FLOOR PLAN
A3	ELEVATIONS
A4	WALL SECTIONS
S1	FOUNDATION PLAN
S2	FRAMING PLAN
S3	ROOF PLAN

VICINITY PLAN



SITE PLAN DATA IS REFERENCED FROM SURVEY DRAWING PREPARED BY:
 BENTON DENAR & ASSOCIATES
 PROFESSIONAL LAND SURVEYOR
 2600 HENRICESTOWN RD.
 HOLLY SPRINGS, N.C. 27540

PROPERTY OF PIERCE HAMILTON PRINCE
 DEED BOOK: 4299 PAGE 1734
 PIN # 0624-05-4483.000
 RIVER ROAD, FUQUAY NORTON
 HARNETT COUNTY - NORTH CAROLINA

A0 SITE PLAN
01 1"=30'-0"

BUILDING DESIGN BY:
S&S CONTRACTING
 6348 RIVER ROAD, FUQUAY, NC 27506

CUSTOM RESIDENCE FOR PIERCE PRINCE
 RIVER ROAD, FUQUAY N.C.

REVISION
 SEE PLAN
 DATE EXAMINED
 10/4/2023
 AUGUST, 2023

A0