



WAKE COUNTY INSPECTIONS & PERMITS

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Wake County Residential Building Code Summary

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE.

PLANS DESIGNED FOR 115 MPH 3 SECOND GUST (89 MPH FASTEST WIND), EXPOSURE B

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

MEAN ROOF HEIGHT

WALL BRACING IS REQUIRED. THE DESIGNER MUST SPECIFY METHOD OF BRACING PER SECTION R602 OF THE NORTH CAROLINA 2018 RESIDENTIAL BUILDING CODE AND PROVIDE DETAIL.

COMPONENT & CLADDING FOR THESE PLANS DESIGNED TO MEET SECTION R301.2.1, TABLE R301.2(2) AND R301.2(6) ADJUSTED FOR MEAN ROOF HEIGHT AND EXPOSURE.

MINIMUM VALUES FOR ENERGY COMPLIANCE:

ZONE 4

MAX. GLAZING U-FACTOR = 0.35

CEILING: R-38, WALLS: R-15, FLOORS: R-19, SLABS: R-10

HEATED SQUARE FOOTAGE

FINISHED BASEMENT

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

TOTAL HEATED SQFT

UNHEATED SQUARE FOOTAGE

UNFIN BASEMENT

GARAGE

UNFIN STORAGE