

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
HOUSE DESIGNED FOR 115 MPH 3 SECOND GUST (89 FASTEST MILE), EXPOSURE B
ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF ALL PLATES SPLICES
ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE

MEAN ROOF HEIGHT = < 30'-0"

COMPONENT & CLADDING 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 MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19

NOTE:

ALL DIMENSIONS ARE TO BE VERIFIED BY OWNER/BUILDER BEFORE CONSTRUCTION BEGINS. ONCE CONSTRUCTION HAS BEGUN, DESIGNER IS RELEASED FROM ANY AND ALL LIABILITY ASSOCIATED WITH THE CONSTRUCTION OF THIS CUSTOM RESIDENCE. THIS PLAN IS DESIGNED UNDER THE 2018 NORTH CAROLINA RESIDENTIAL CODE



PROPOSED
FRONT ELEVATION
SCALE: 1/4"=1'-0"

New Light

Residential Design, L.L.C.
919-880-1287

NORTH CAROLINA EXTERIORS LOT 5 WOODLAND PARK		SHEET 1 OF 6
DRAWN BY: JD	DATE: 5-6-20	
REVISIONS:		PROJECT NO. 2018

NOTE:

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PROPOSED
REAR ELEVATION
SCALE: 1/4"=1'-0"

New Light

Residential Design, L.L.C.
919-880-1287

NORTH CAROLINA EXTERIORS LOT 5 WOODLAND PARK		SHEET 2 OF 6
DRAWN BY: JD	DATE: 5-6-20	
REVISIONS:		PROJECT NO. 2018

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PROPOSED
LEFT ELEVATION
SCALE: 1/4"=1'-0"

New Light

Residential Design, L.L.C.
919-880-1287

NORTH CAROLINA EXTERIORS LOT 5 WOODLAND PARK		SHEET 3 OF 6
DRAWN BY: JD	DATE: 5-6-20	
REVISIONS:		PROJECT NO. 2018

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PROPOSED
RIGHT ELEVATION

SCALE: 1/4"=1'-0"

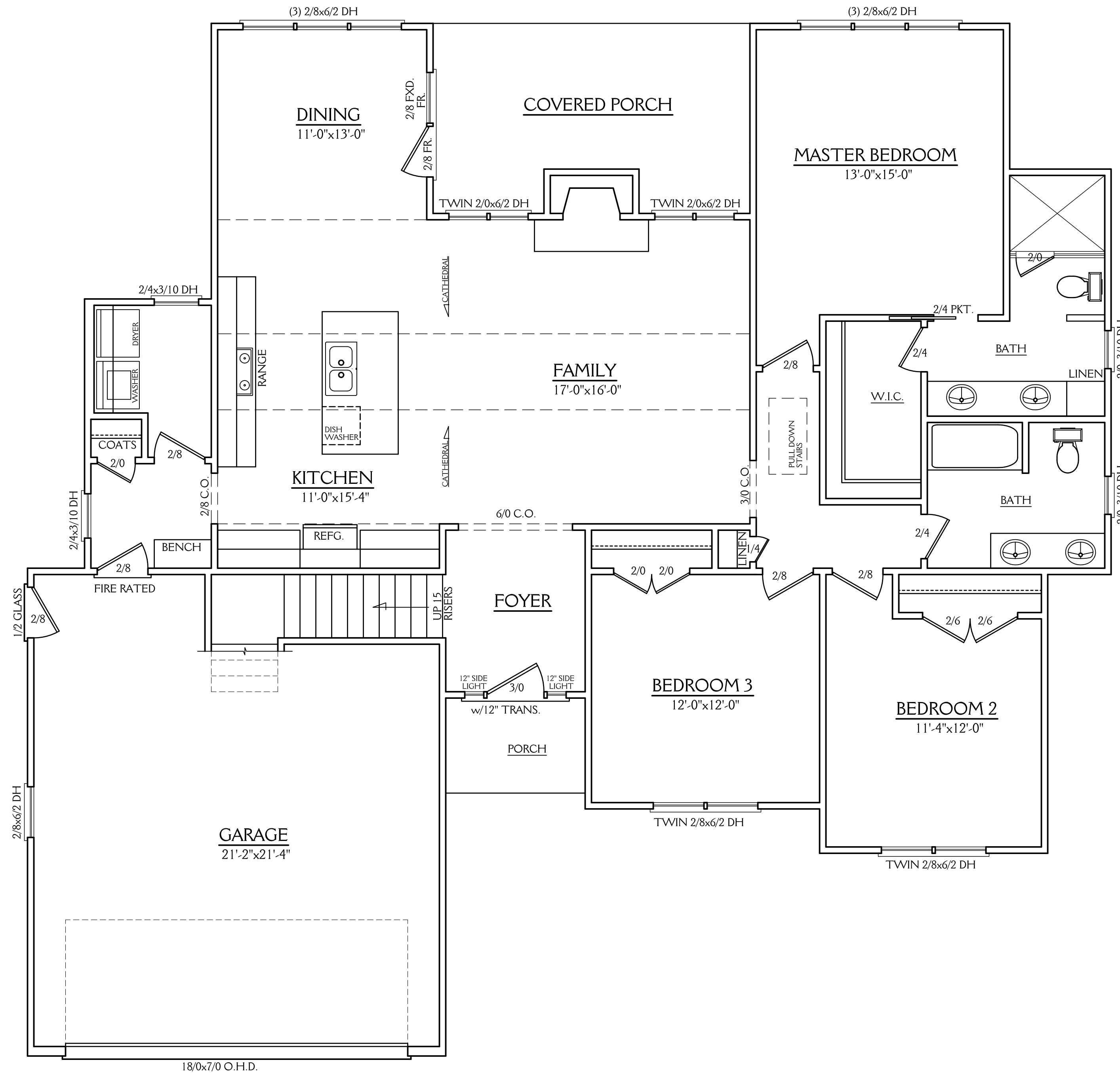
New Light

Residential Design, L.L.C.
919-880-1287

NORTH CAROLINA EXTERIORS LOT 5 WOODLAND PARK		SHEET 4 OF 6
DRAWN BY: JD	DATE: 5-6-20	
REVISIONS:		PROJECT NO. 2018

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1685 SQ FT HTD (1ST FLOOR)	511 SQ FT (GARAGE)
<u>260 SQ FT HTD (2ND FLOOR)</u>	37 SQ FT (PORCH)
1945 SQ FT HTD TOTAL	<u>167 SQ FT (SCREEN PORCH)</u>
	<u>715 UNHEATED TOTAL</u>

FIRST FLOOR PLAN

SCALE 1/4"=1'-0"
9'-0" CLG. HGT.
SET WINDOWS AT 7'-10" AFF

NORTH CAROLINA EXTERIORS		SHEET 5 OF 6
LOT 5 WOODLAND PARK		
DRAWN BY: JD	DATE: 5-6-20	PROJECT NO. 2018
REVISIONS:		

NOTE:

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SECOND FLOOR PLAN

SCALE 1/4"=1'-0"

8'-0" CLG. HGT.
SET WINDOWS AT 6'-8" AFF

New Light

Residential Design, L.L.C.
919-880-1287

NORTH CAROLINA EXTERIORS LOT 5 WOODLAND PARK		SHEET 6 OF 6
DRAWN BY: JD	DATE: 5-6-20	
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