

PLANS DESIGNED TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE
 HOUSE DESIGNED FOR 100 MPH 3 SECOND GUST (80 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

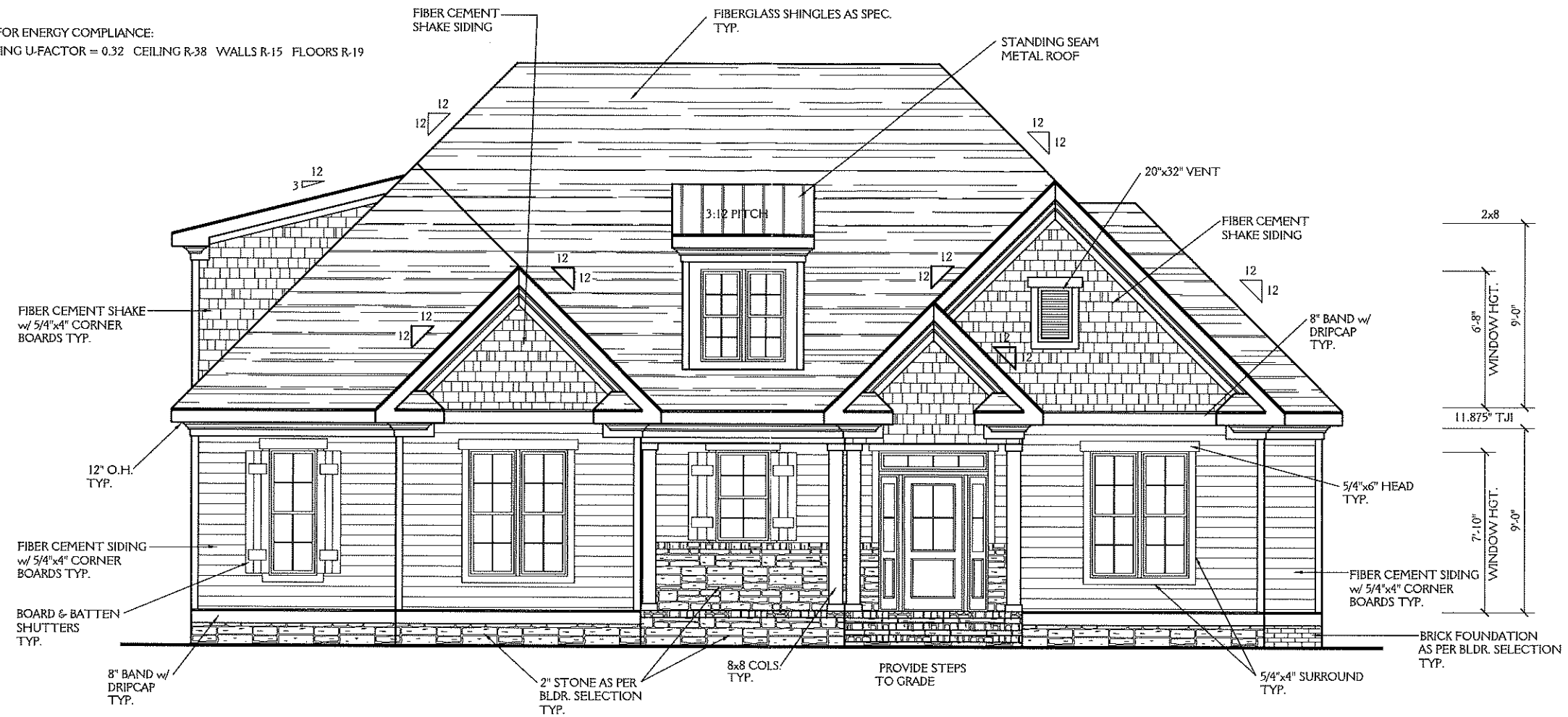
MEAN ROOF HEIGHT = $< 30'-0"$

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 = 0.32 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



FRONT ELEVATION

SCALE 1/4"=1'-0"

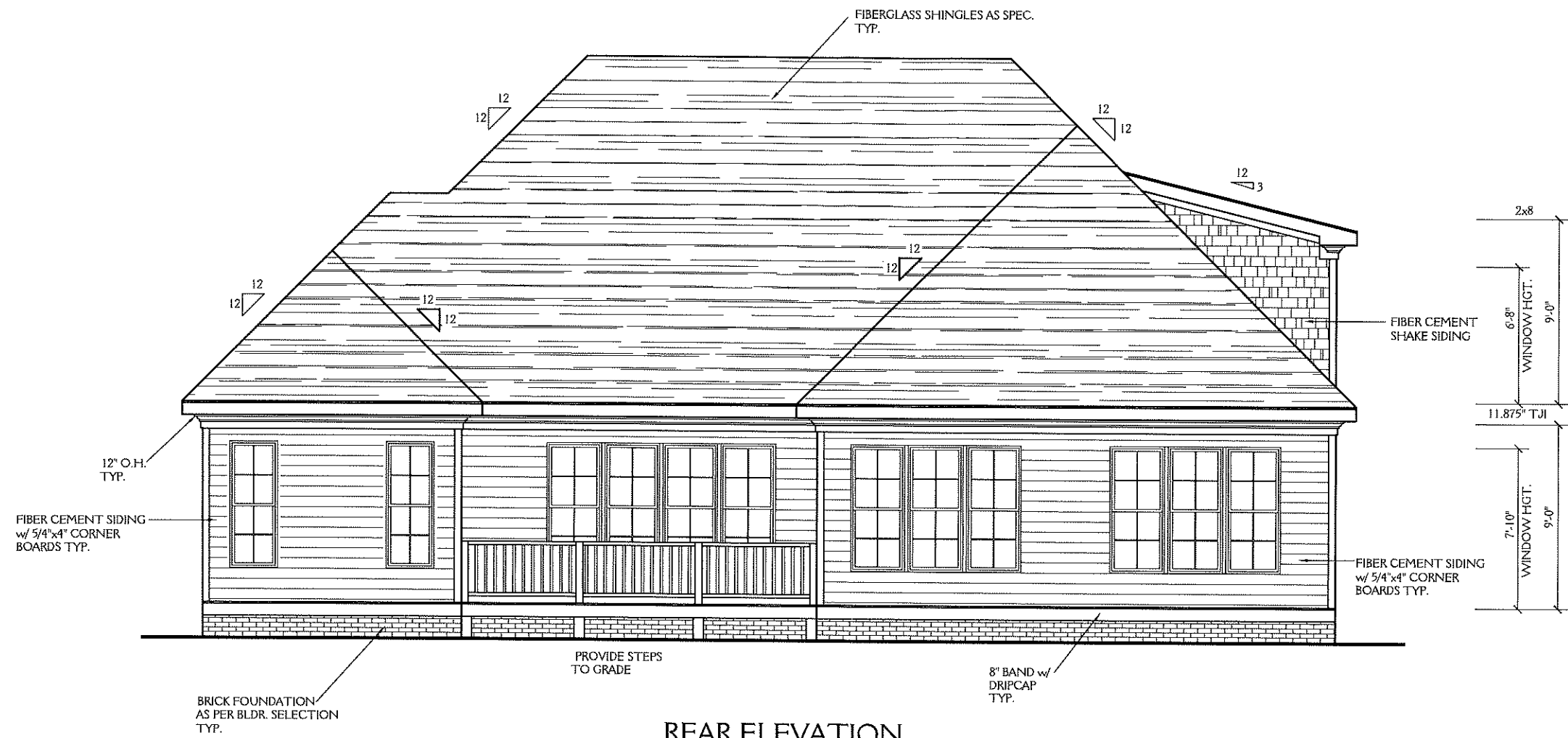
1745 SQ FT HTD (1ST FLOOR)	113 SQ FT (PORCH)
345 SQ FT HTD (2ND FLOOR)	173 SQ FT (DECK)
2090 SQ FT HTD TOTAL	500 SQ FT (GARAGE)
	786 UNHEATED TOTAL

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

NORTH CAROLINA EXTERIORS LOT 5 RILEY HILL RD WENDELL NC		SHEET 1 OF 8
DRAWN BY: JD	DATE: 4-4-19	
REVISIONS:		PROJECT NO. 1925

NOTE:

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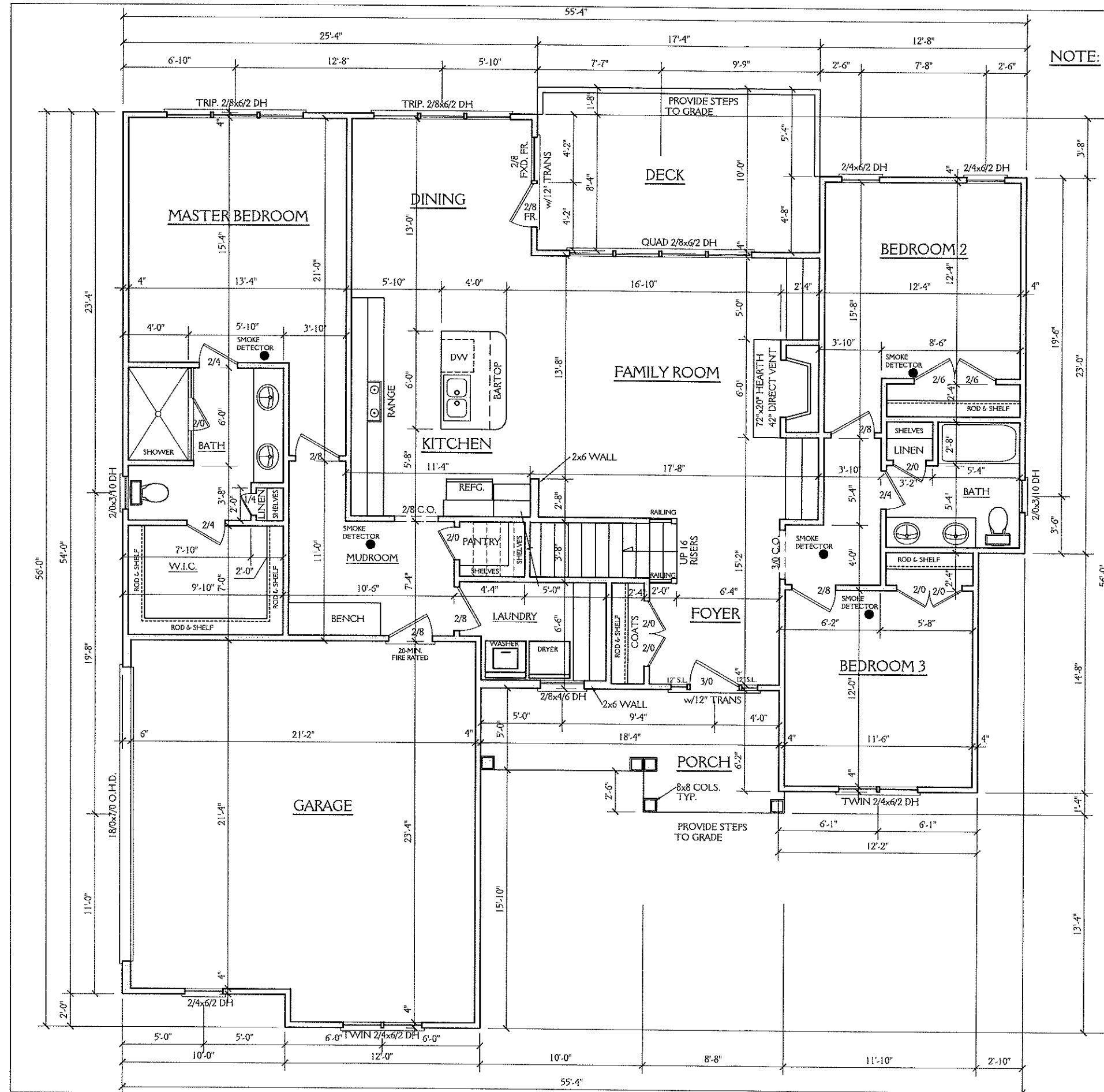
REAR ELEVATION

SCALE 1/4"=1'-0"



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NORTH CAROLINA EXTERIORS LOT 5 RILEY HILL RD WENDELL NC		SHEET 2 OF 8
DRAWN BY: JD	DATE: 4-4-19	
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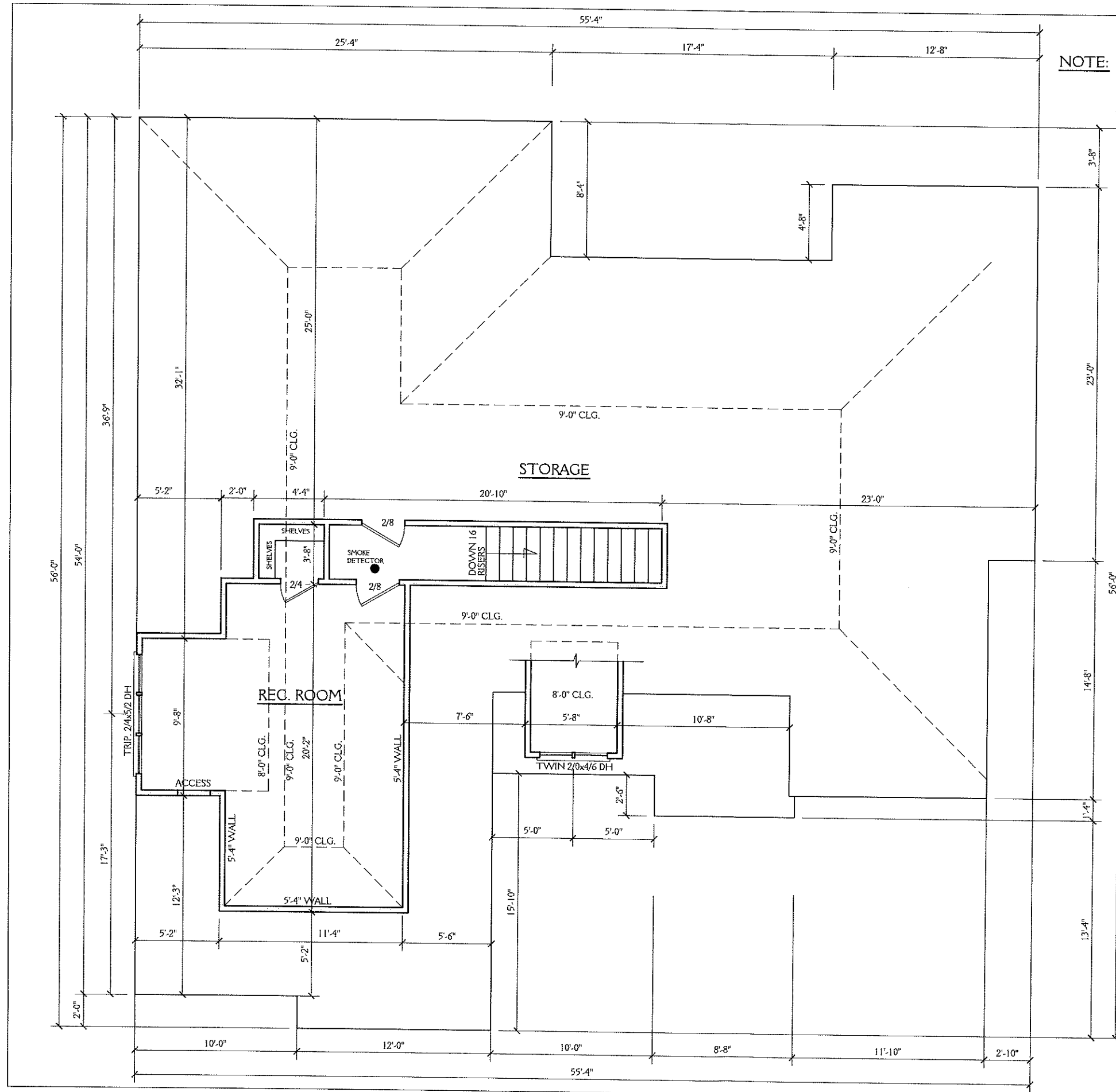
- NOTES:**
 CONSTRUCTION TO MEET OR EXCEED ALL REQUIREMENTS OF THE 2018 NC RESIDENTIAL BUILDING CODE
1. SEE SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL EMERGENCY ESCAPE & RESCUE OPENING REQUIREMENTS.
 2. BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
 3. SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
 4. PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
 5. ALL GLASS TO HAVE A U FACTOR OF 0.32 OR LESS AND SHGC OF .30 OR MORE.
 6. SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS.
 7. SEE SECTION R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/GARAGE FIRE SEPARATION REQUIREMENTS
 8. SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
 9. PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE
- ABBREVIATIONS**
- C.O. : CASSED OPENING
 - D.W. : DISHWASHER
 - W.I.C. : WALK IN CLOSET
 - SHWR. : SHOWER
 - DN. : DOWN
 - TYP. : TYPICAL
 - CLG. : CEILING
 - HGT. : HEIGHT
 - COL. : COLUMN
 - TRANS. : TRANSOM
 - CANT. : CANTILEVER

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

New Light

Residential Design, L.L.C.
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NORTH CAROLINA EXTERIORS		SHEET 5 OF 8
LOT 5 RILEY HILL RD WENDELL NC		
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SECOND FLOOR PLAN

SCALE 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 6'-8" AFF

New Light

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