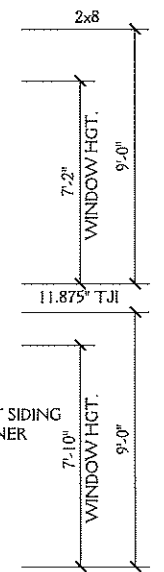




**FRONT ELEVATION**  
SCALE 1/4" = 1'-0"

**NOTE:**  
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1292 SQ FT HTD (1ST FLOOR)	129 SQ FT (PORCH)
813 SQ FT HTD (2ND FLOOR)	173 SQ FT (DECK)
2105 SQ FT HTD TOTAL	490 SQ FT (GARAGE)
	792 UNHEATED TOTAL



**REAR ELEVATION**  
SCALE 1/4" = 1'-0"

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"

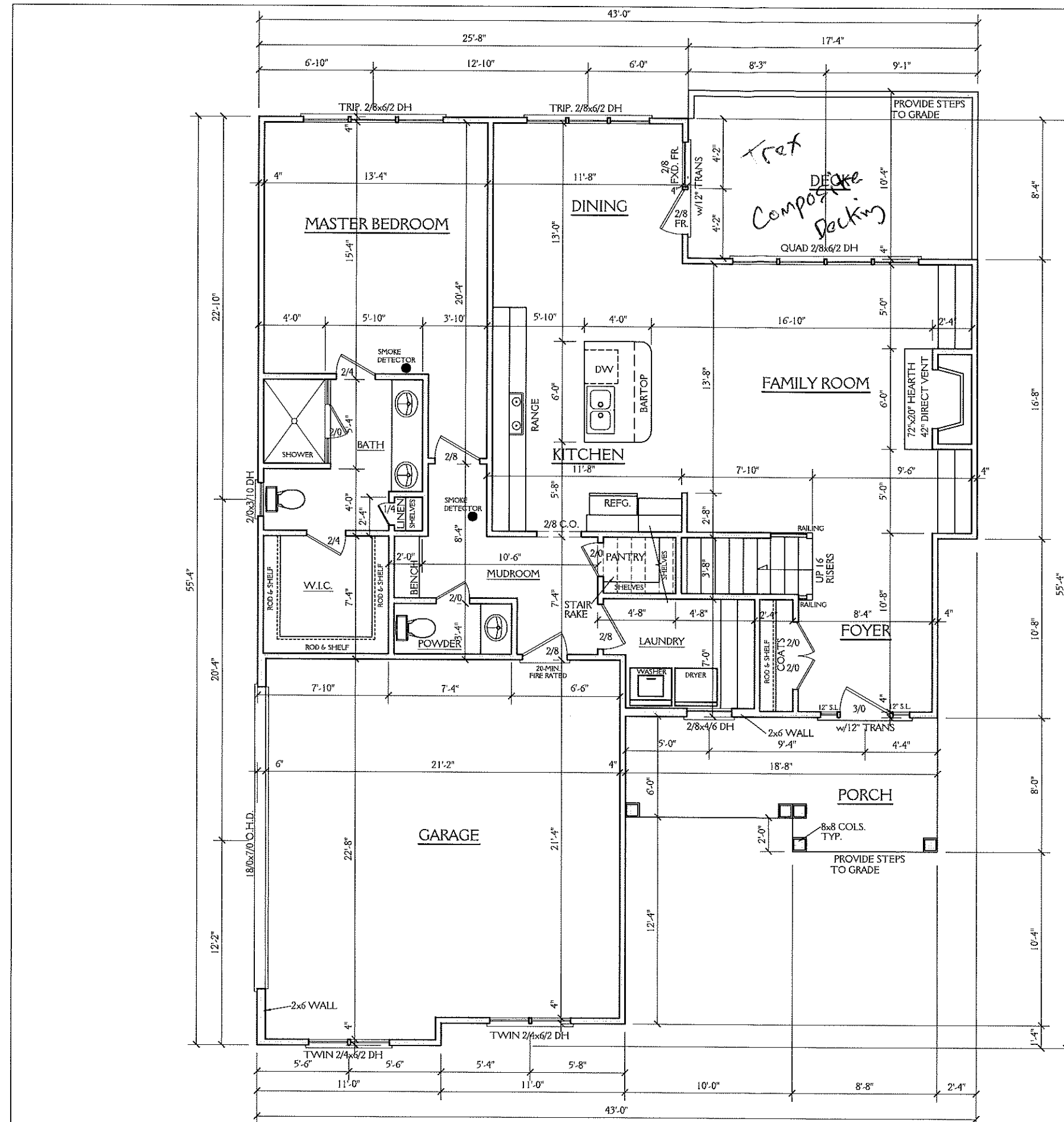
COMPONENT & CLADDING DESIGNED FOR THE FOLLOWING LOADS

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

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

NORTH CAROLINA EXTERIORS		SHEET <b>1</b> OF 6
LOT 8 RILEY HILL RD WENDELL NC		
DRAWN BY: JD	DATE: 4-10-19	PROJECT NO. 1928
REVISIONS:		



**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

- 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. : CASED 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

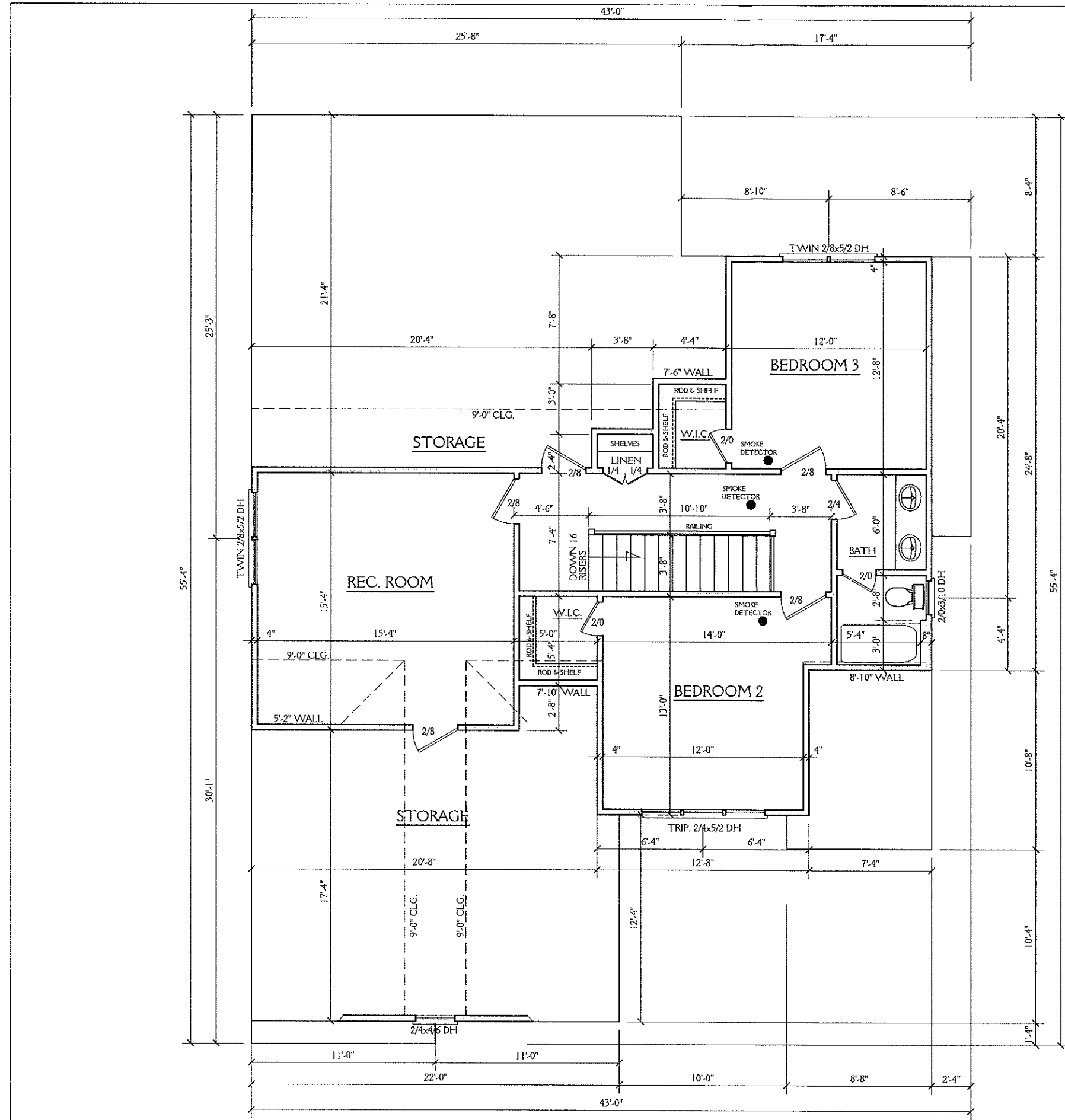
**FIRST FLOOR PLAN**

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

**New Light**

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

NORTH CAROLINA EXTERIORS		<b>SHEET</b> <b>3</b> <b>OF 6</b>
LOT 8 RILEY HILL RD WENDELL NC		
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**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

**SECOND FLOOR PLAN**

SCALE 1/4"=1'-0"  
 9'-0" CLG. HGT.  
 SET WINDOWS AT 7'-2" AFF



**New Light**  
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NORTH CAROLINA EXTERIORS		SHEET <b>4</b> OF 6
LOT 8 RILEY HILL RD WENDELL NC		
DRAWN BY: JD	DATE: 4-10-19	PROJECT NO. 1928
REVISIONS:		