

Initial
Initial
Initial
Initial



FRONT ELEVATION

SCALE 1/4"=1'-0"



REAR ELEVATION

SCALE 1/4"=1'-0"

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

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 = 0.32 CEILING R-38 WALLS R-15 FLOORS R-19

J&W CUSTOM HOMES

CUSTOM RESIDENCE
4912 AUBURN RD.
RALEIGH NC
COPYRIGHT 2025: "THE CRESTON" BY SU CASA DESIGN

DRAWN BY: JD DATE: 12-17-25

REVISIONS:

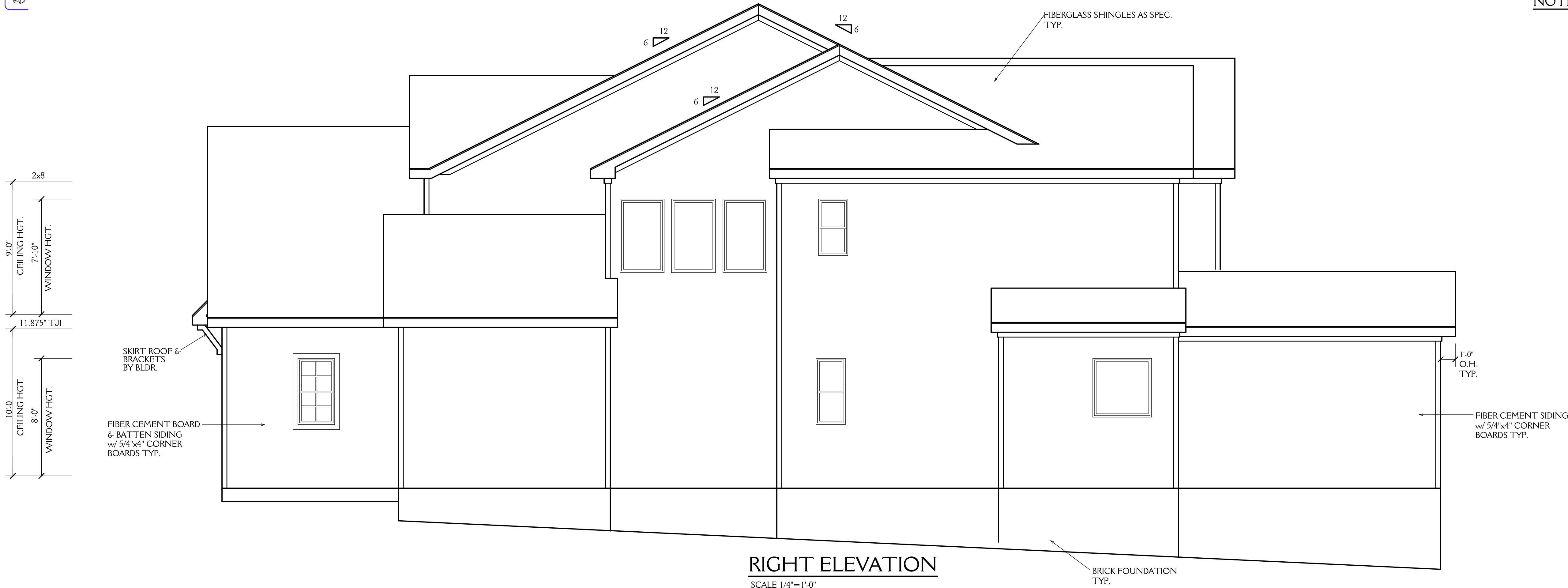
SHEET
1
OF 5

PROJECT NO.
2522



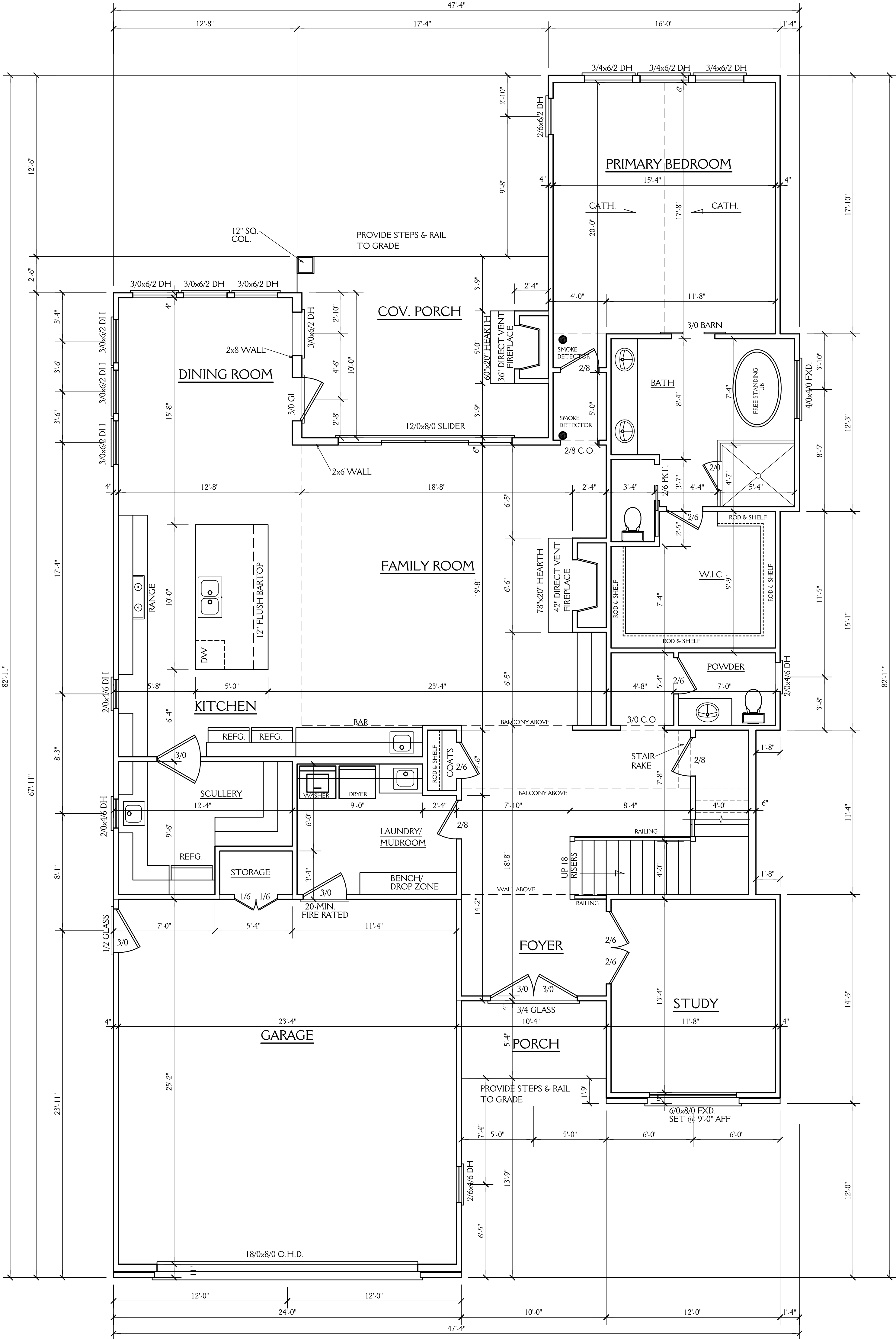
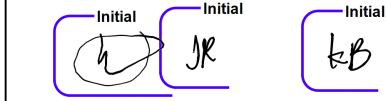
NOTE:

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



J&W CUSTOM HOMES

CUSTOM RESIDENCE 4912 AUBURN RD. RALEIGH NC COPYRIGHT 2025- "THE CRESTON" BY SU CASA DESIGN		SHEET 2 OF 5
DRAWN BY: JD	DATE: 12-17-25	
REVISIONS:		PROJECT NO. 2522



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

- SEE SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL EMERGENCY ESCAPE & RESCUE OPENING REQUIREMENTS.
SEE SECTION R303 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR LIGHT & VENTILATION REQUIREMENTS.
SEE SECTION R310.1 & R311 OF THE 2018 NC RESIDENTIAL BUILDING CODE EGRESS REQUIREMENTS.
- BUILDER & WINDOW SALESMAN TO CONFIRM THAT WINDOWS CHOSEN MEET ALL REQUIREMENTS OF SECTION R310 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- SEE SECTION R308.4 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR GLAZING REQUIREMENTS IN HAZARDOUS LOCATIONS
- PROVIDE FALL PROTECTION AT WINDOWS AS REQUIRED BY 2018 NC RESIDENTIAL BUILDING CODE
- ALL GLASS TO HAVE A U FACTOR OF 0.32 OR BETTER AND SHGC OF .30 OR BETTER.
- SEE CHAPTER 11 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL ENERGY CONSERVATION REQUIREMENTS
- SEE SECTION R302.5 & R302.6 OF THE 2018 NC RESIDENTIAL BLDG. CODE FOR DWELLING/ GARAGE FIRE SEPARATION REQUIREMENTS
- SEE APPENDIX M OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL DECK CONSTRUCTION REQUIREMENTS
- PROVIDE CARBON MONOXIDE DETECTORS AS PER SECTION R315 OF THE 2018 NC RESIDENTIAL BUILDING CODE
- PROVIDE CRAWLSPACE ACCESS AS PER SECTION 408.8 OF THE 2018 NC RESIDENTIAL BUILDING CODE LOCATION T.B.D. IN FIELD BY BUILDER.
- PROVIDE FOUNDATION DRAINAGE AS PER CODE. SEE SECTIONS 405, 801.3 & 401.3 OF THE 2018 NC RESIDENTIAL BUILDING CODE.
- SEE SECTION R311.7 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL STAIRWAY REQUIREMENTS. SEE SECTION R312 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL GUARD RAIL & HAND RAIL REQUIREMENTS.
- SEE SECTION R307 OF THE 2018 NC RESIDENTIAL BUILDING CODE FOR ALL BATH FIXTURE CLEARANCES.
- SEE CHAPTER 10 OF THE NC RESIDENTIAL BUILDING CODE FOR ALL FIREPLACE & CHIMNEY CLEARANCES & REQUIREMENTS.
- ALL ANGLES WALLS ARE 45° U.N.O.

ABBREVIATIONS

C.O. : CASSED OPENING	CANT. : CANTILEVER
D.W. : DISHWASHER	TYP. : TYPICAL
W.I.C. : WALK IN CLOSET	CLG. : CEILING
SHWR. : SHOWER	HGT. : HEIGHT
DN. : DOWN	COL. : COLUMN
	TRANS. : TRANSOM

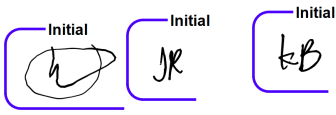
FIRST FLOOR PLAN

SCALE 1/4"=1'-0"
10'-0" CLG. HGT.
SET WINDOWS AT 8'-0" AFF U.N.O.
NOTE: ALL DOORS AND CASSED OPENINGS ARE 8'-0" HGT.

2211 SQ.FT HTD (1ST FLOOR)	53 SQ.FT (PORCH)
1434 SQ.FT HTD (2ND FLOOR)	213 SQ.FT (COV. PORCH)
3645 SQ.FT HTD TOTAL	630 SQ.FT (GARAGE)
	89% UNHEATED TOTAL

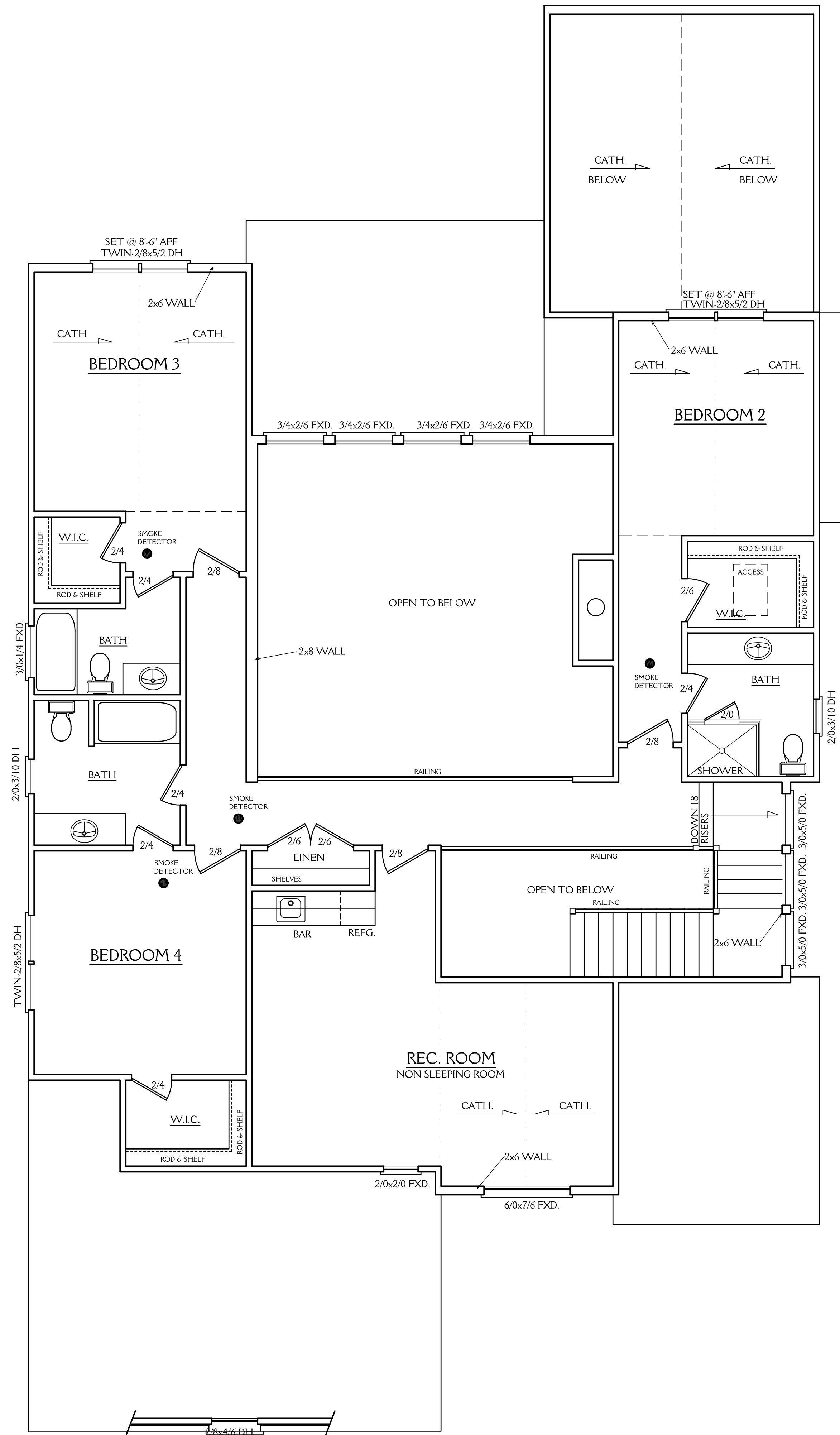
J&W CUSTOM HOMES

CUSTOM RESIDENCE 4912 AUBURN RD. RALEIGH NC		SHEET 3 OF 5
COPYRIGHT 2025: "THE CRESTON" BY SU CASA DESIGN		
DRAWN BY: JD	DATE: 12-17-25	PROJECT NO. 2522
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



SECOND FLOOR PLAN

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

J&W CUSTOM HOMES

CUSTOM RESIDENCE
4912 AUBURN RD.
RALEIGH NC
COPYRIGHT 2025: "THE CRESTON" BY SU CASA DESIGN
DRAWN BY: JD DATE: 12-17-25
REVISIONS:

SHEET
4
OF 5

PROJECT NO.
2522