

Evans

1364 Hicks Rd, Broadway, NC, 27505

CERTIFICATION NOTES

1. FOUNDATION WAS REVIEWED AND CERTIFIED TO MEET LOAD BEARING REQUIREMENT OF NCBC, RESIDENTIAL 2018
2. ALL STRUCTURAL MEMBERS AND SECTIONS WERE REVIEWED AND VERIFIED MEETING NCBC RESIDENTIAL 2018
3. FOR TRUSSES CERTIFICATION, SEE ATTACHED TRUSSES CERTIFICATION SHEETS

CIVIL AND STRUCTURAL ENGINEERING SERVICES, PLLC STATEMENT

ARCHITECTURAL PLANS ARE WERE PREPARED BY OTHERS. CIVIL AND STRUCTURAL ENGINEERING SERVICES PROVIDED STRUCTURAL ENGINEERING DESIGN REVIEW SERVICES. THE PROFESSIONAL SEAL AND SIGNATURE AFFIXED BELOW CERTIFY THAT PLANS AS MARKED/NOTED MEET LOAD BEARING REQUIREMENTS OF NORTH CAROLINA BUILDING CODE , RESIDENTIAL 2018



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7/28/2022

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review.
Permit holder responsible for full compliance with the code.

08/01/2022



Plan Notes:

1. This Plan is designed to the 2018 North Carolina Residential Code.
2. House is designed for 115 MPH, Exposure B.
3. Anchor bolts shall be minimum 1/2" diameter and shall extend a minimum 7" into masonry or concrete. Anchor bolts are to be no more 6' O.C. and not more than 12" from the corners.
4. Mean Roof Height less than 35'.
5. Components and Claddings are designed for the following loads:

Mean roof Height	Up to 30'	30'-1" - 35'	35' 1" - 40'
Zone 1	16.5-18.00	17.3-18.9	18.0-19.6
Zone 2	16.5-21.0	17.3-22.1	18.0-22.9
Zone 3	16.5-21.0	17.3-22.1	18.0-22.9
Zone 4	18.0-19.5	18.9-20.5	19.6-21.3
Zone 5	18.0-24.1	18.9-25.3	19.6-26.3

6. Minimum value for energy compliance:

Zone 4A:	Windows U-Factor is 0.35
Insulation for ceiling:	R38 or R-30 (See Table N1102.1, 2)
Insulation for Walls:	R-15 (See Table N1102.1, 2)
Insulation for floor:	R-19



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Ridgeline - B South

Job Number	22031
Drawing Number	22RI-098
Project Manager	SG
Drafter	JC

Cover

000

Scale

CERTIFICATION NOTES

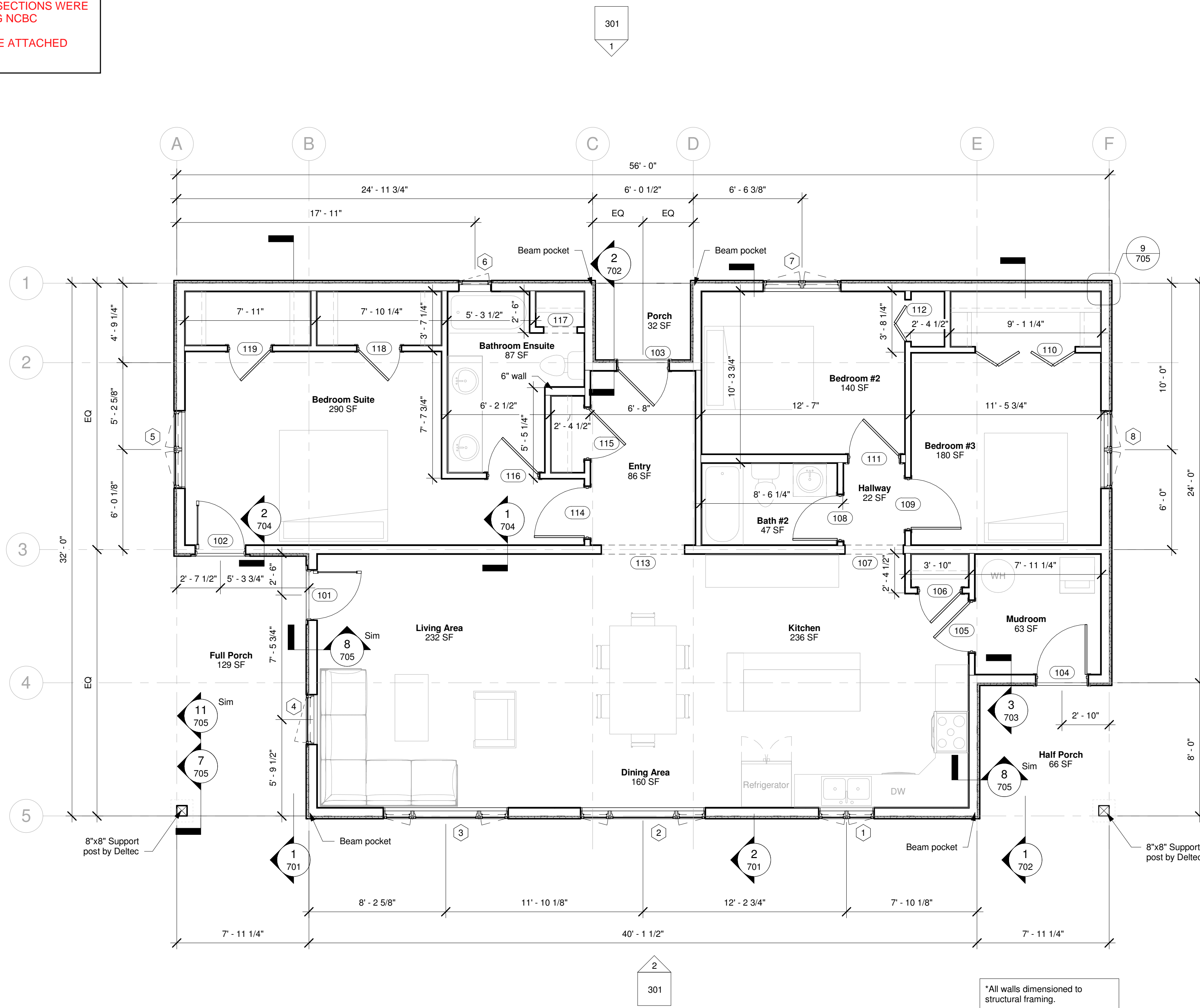
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302 2

1 302

301 1

2 301

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Ridgeline - B South

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First Level Struct. Plan

101-S

Scale 1/4" = 1'-0"

1 First Floor - Structural
1/4" = 1'-0"

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