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THIS IS TO CERTIFY: THE ABOVE HOME MEETS THE ENERGY REQUIREMENTS OF CURRENT
LOCAL AND NC RESIDENTIAL CODES:
HOUSE MEETS INTERNATIONAL ENERGY CONSERVATION CODE IECC FOR THE ATTACHED
U-VALUES FOR WINDOWS AND R VALUES FOR WALLS R601.1, WALL COVERING R701.1,
FLOOR R409.1, AND CEILING SECTION R806

JOB PERMIT# BRES 2409-0011

WALLS 960 SF
OPENINGS LIST AS PER SCAN
AREA OPENINGS / AREA WALLS = PERCENT OPENINGS $114/960=11.8\%$ 11.8 PERCENT < 15

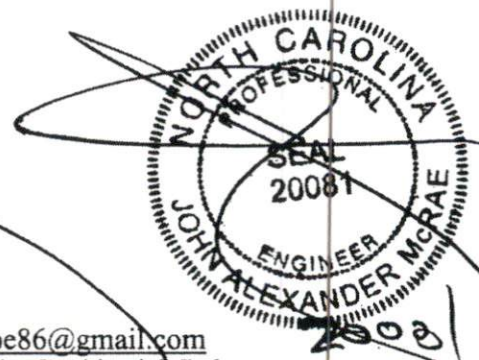
WINDOWS:
LOW E ARGON WINDOWS MEET REQUIREMENTS FOR EGRESS WINDOWS
→ U-FACTOR: U-0.27 SHGC-O.23 VT-0.42
(2) 36 x 36 18SF (2) 36x48 24SF
(1) 24x24° (2) 48x48 32 SF 114 SF
(2) DOORS 2868 36SF U-1.4

INSULATION:
→ EXTERIOR WALLS - PINK FACED R-15 +3/4" WOOD SHEETING
120 (8) = 960 SF + HOUSEWRAP +3/4" WOOD SIDING
→ ATTIC- 12"+ GREEN Cellulose FIRE RESISTANT BLOWN INSULATION
R-VALUE 3.7/INCH 44
→ CRAWL - CONDITIONED SPACE HVAL VENTED 2-1/2" R-25 BLUE BOARD
XPS COVERED WITH 1/2" SHEETROCK FOR FIREPROOFING

Respectfully,

John A. McRae
NCPE 20081 (NC C-2298)

Questions or Comments John A McRae jampe86@gmail.com
Design and Soils Evaluation is to 2018 North Carolina Residential Code



20081
14 OCT
2025