

THIS PLAN HAS BEEN DRAWN TO CONFORM TO THE 2018 NORTH CAROLINA RESIDENTIAL CODE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL STATE AND LOCAL BUILDING CODES AND ORDINANCES. KADS CUSTOM HOME DESIGNS ASSUMES NO LIABILITY FOR SITE CONDITIONS, CONSTRUCTION METHODS OR ANY DEVIATION OF THESE PLANS.

NOTE:
ALL WINDOWS TO BE INSTALLED MUST MEET A MAXIMUM OF .32 U VALUE OR BETTER, UNLESS ENERGY CALCULATIONS ARE SUBMITTED WITH PLANS PROVIDED BY BUILDER AT TIME OF PLAN REVIEW.



FRONT ELEVATION

SCALE: 1/4"=1'-0"
OPTIONAL METAL ROOF WITH SHED DORMER

FIBERGLASS SHINGLES AS SPEC.
(CLASS "C" MIN.)

RIDGE VENT

9'-0" CLG. HGT.
7'-4" WINDOW HGT.
10'-0" CLG. HGT.
8'-0" WINDOW HGT.



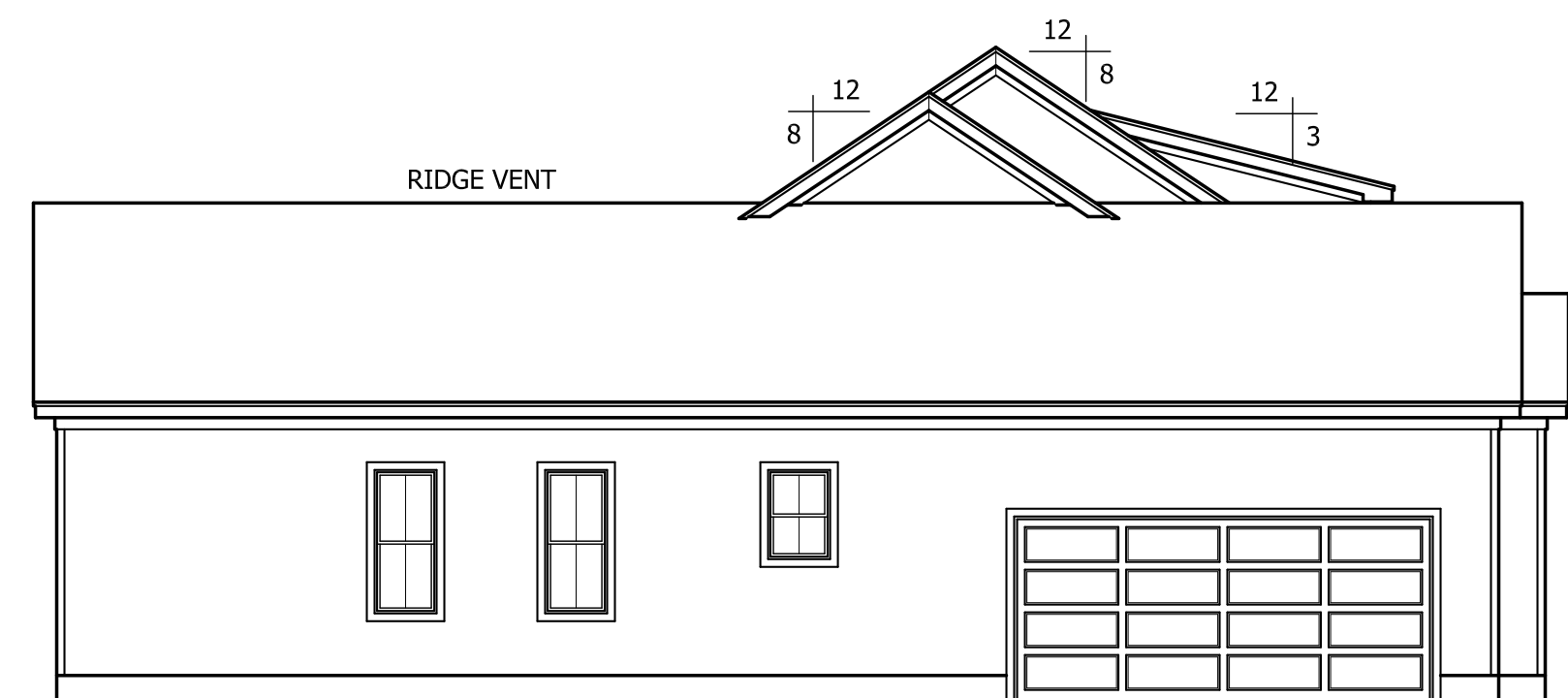
PROVIDE STEPS
AS PER GRADE

FRONT ELEVATION

SCALE: 1/4"=1'-0"

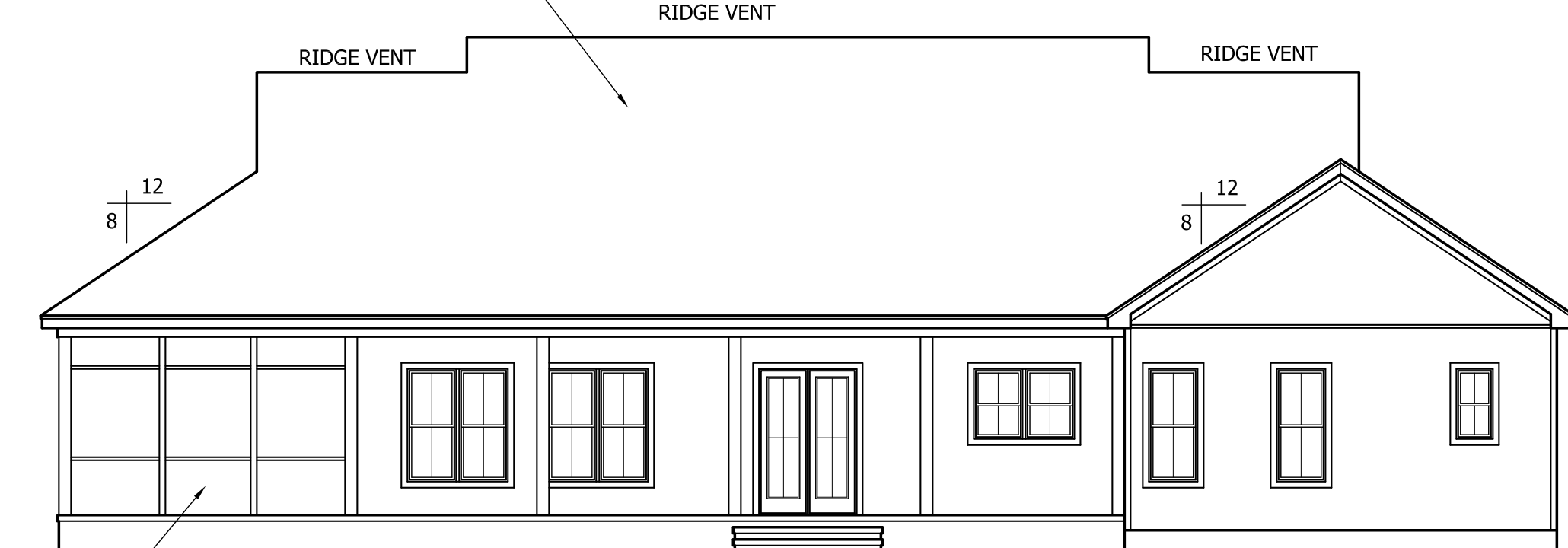
FIBERGLASS SHINGLES AS SPEC.
(CLASS "C" MIN.)

RIDGE VENT



LEFT ELEVATION

SCALE: 1/8"=1'-0"

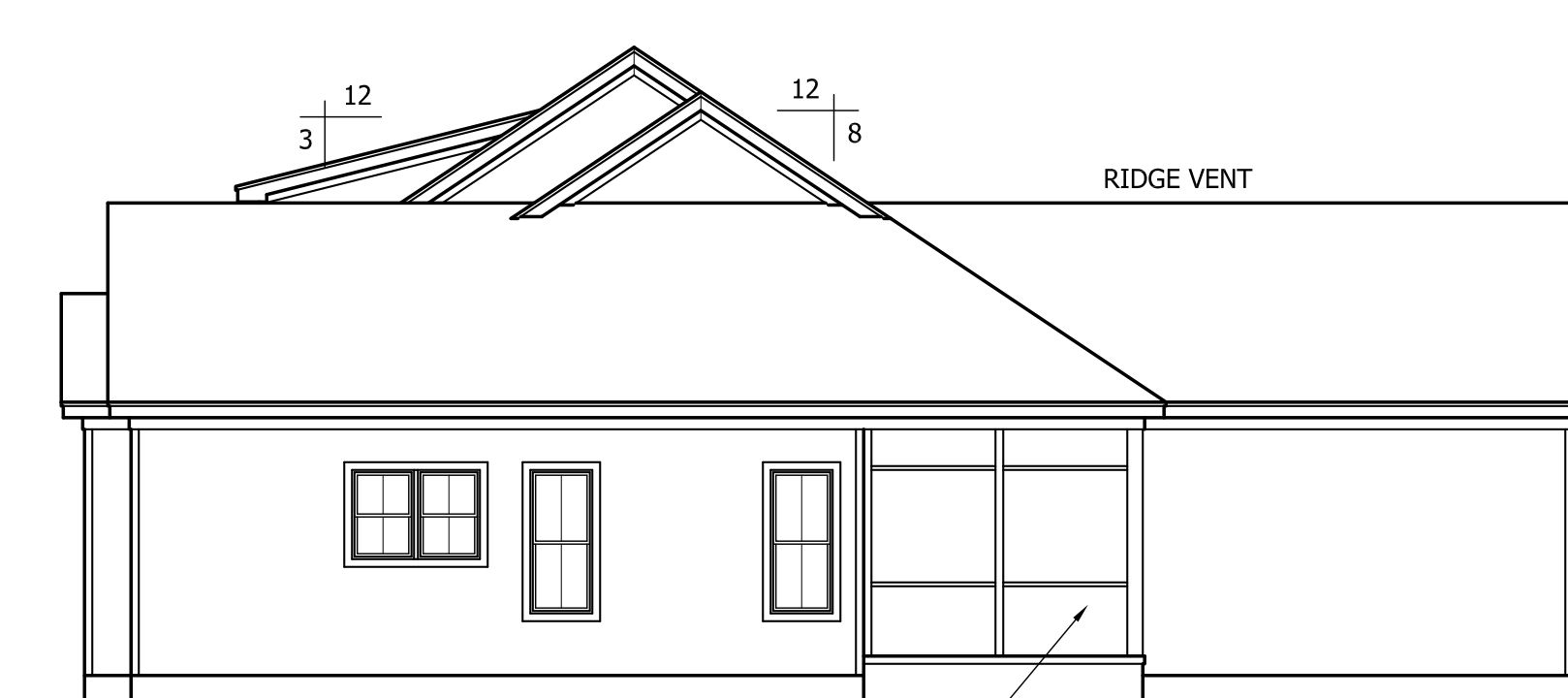


SCREEN
PORCH

REAR ELEVATION

SCALE: 1/8"=1'-0"

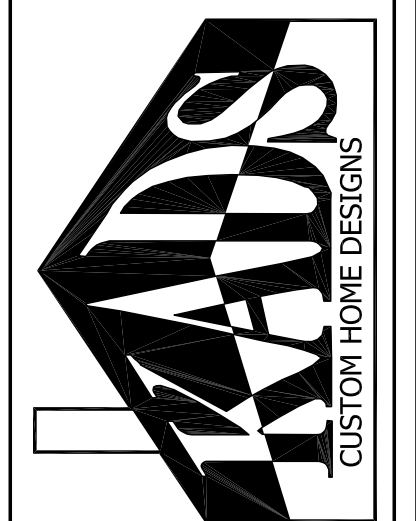
PROVIDE STEPS
AS PER GRADE



RIGHT ELEVATION

SCALE: 1/8"=1'-0"

SCREEN
PORCH



ANGIER, NC
919-369-7181

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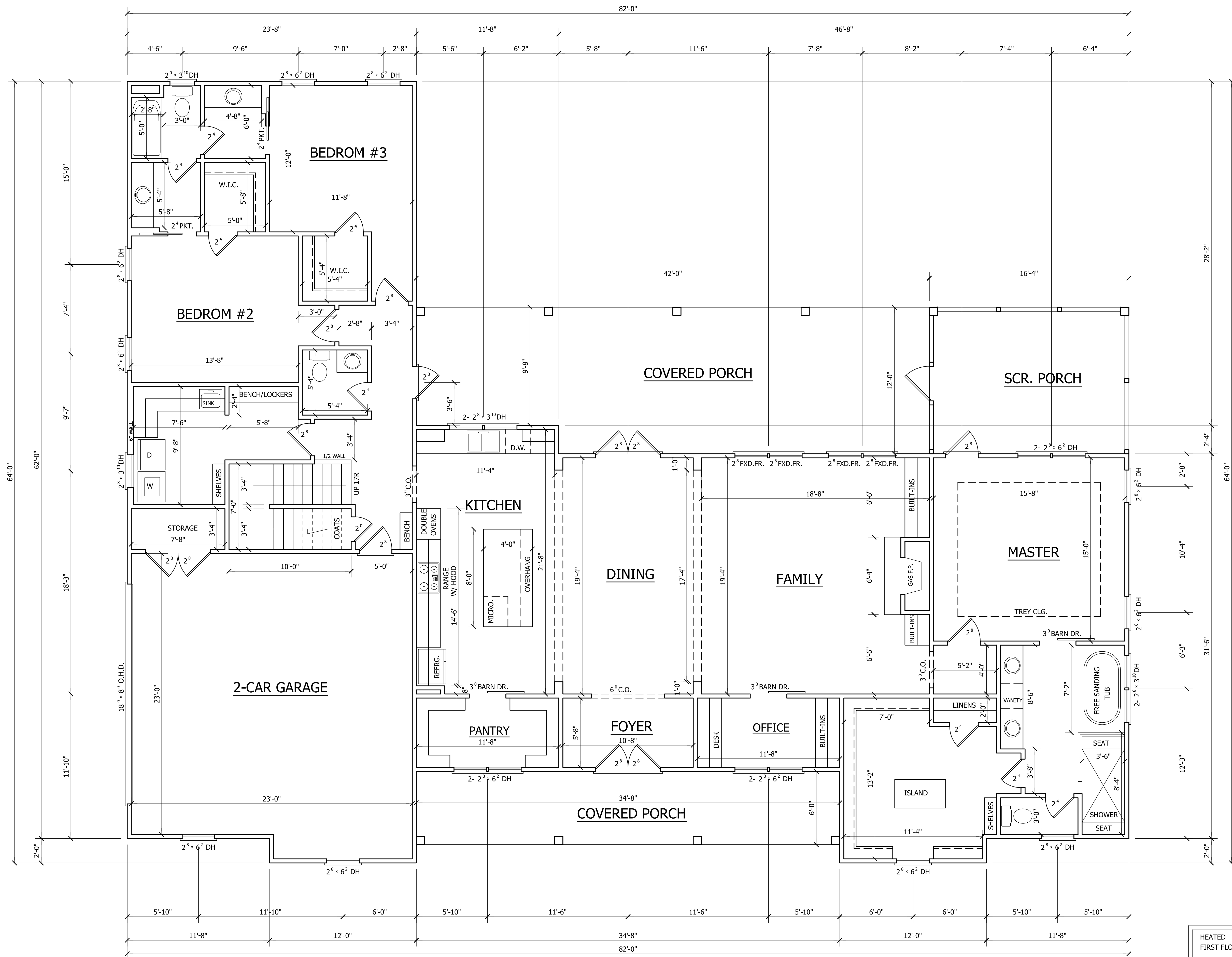
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PLAN NO.
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WADDELL RESIDENCE

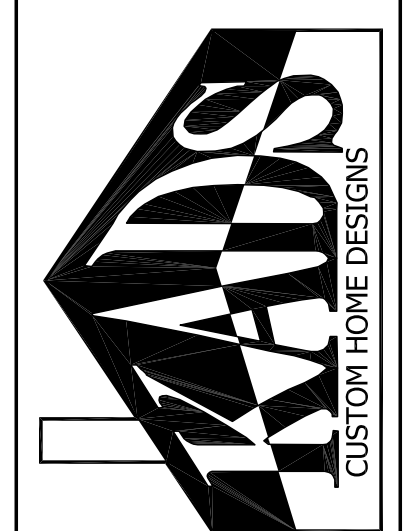


| | |
|--------------------------|--------|
| HEATED | |
| FIRST FLOOR HTD. SQ. FT. | = 2590 |
| UNHEATED | |
| REC.RM. SQ. FT. | = 775 |
| FRONT PORCH SQ. FT. | = 208 |
| REAR PORCH SQ. FT. | = 477 |
| SCREEN PORCH SQ. FT. | = 196 |
| GARAGE SQ. FT. | = 600 |

FIRST FLOOR PLAN

SCALE: 1/4"=1'-0"
 10'-0" CLG. HGT.
 SET WINDOWS AT 8'-0" A.F.F.

WADDELL RESIDENCE



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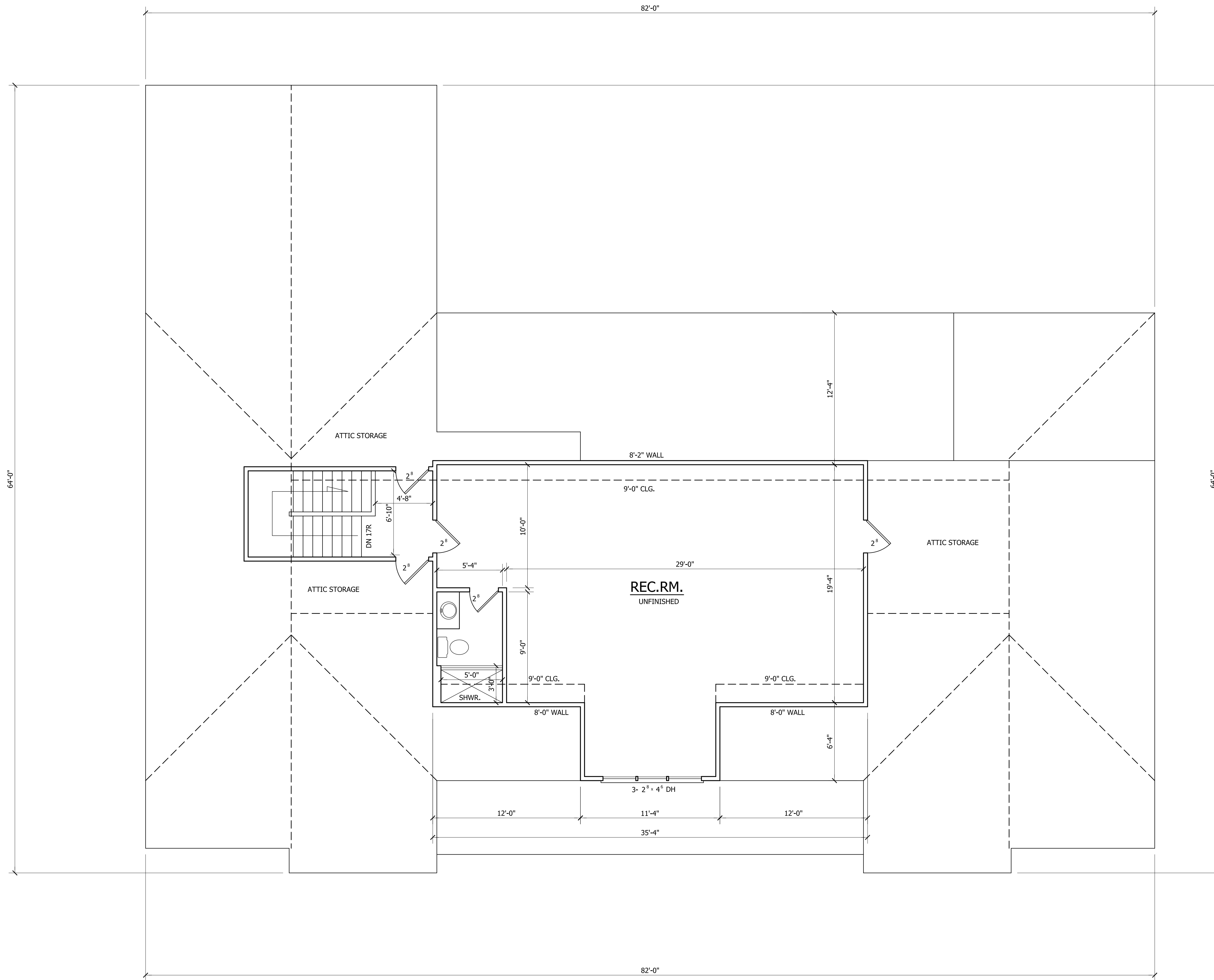
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SECOND FLOOR PLAN

SCALE: 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 7'-4" A.F.F.

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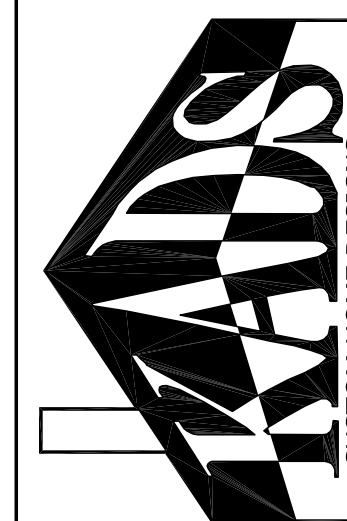
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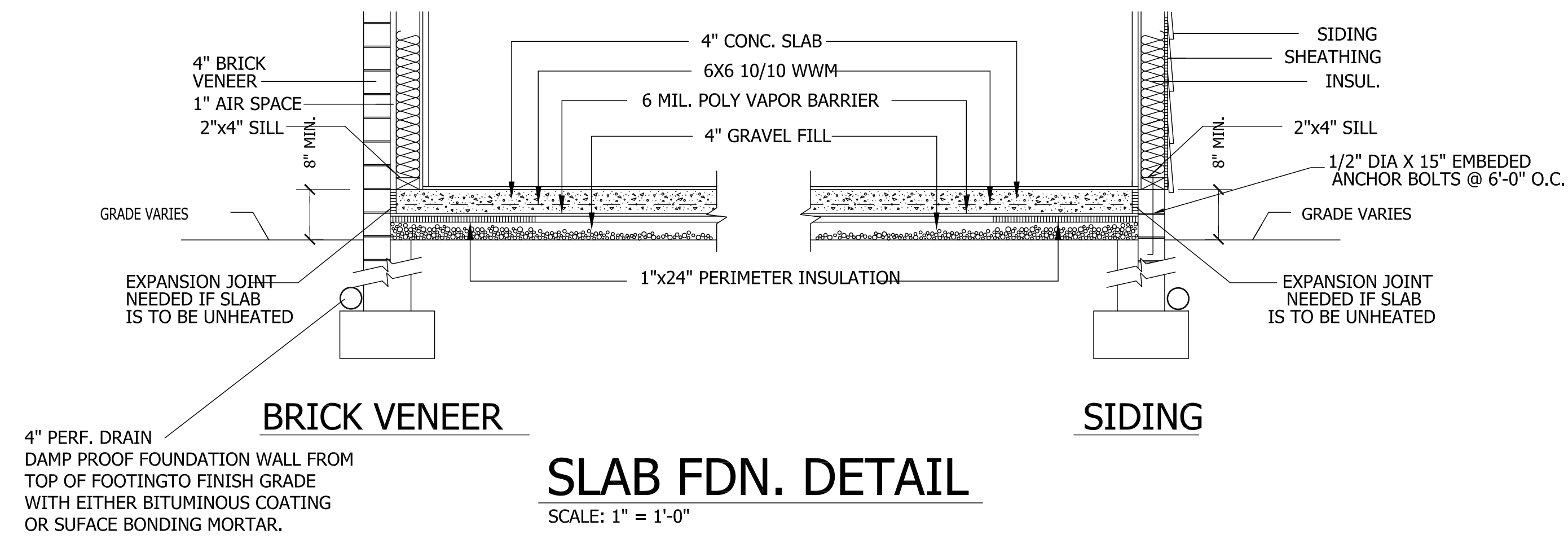
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SLAB FDN. DETAIL

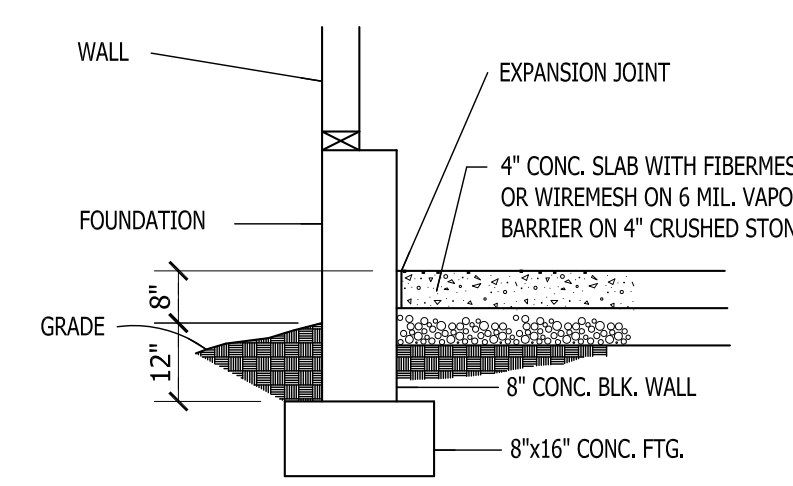
SCALE: 1" = 1'-0"

CRAWL SPACE VENTILATION
 PROVIDE AT LEAST 1.0 SQ. FT. NET FREE VENTILATION AREA FOR EACH 150 SQ. FT. OF CRAWL SPACE.
 CRAWL SPACE AREA = 2590 SQ. FT.
 2590/150 = 17.27 SQ. FT. REQ'D.
 REDUCE REQUIRED AREA TO 1.0 SQ. FT. NET FREE VENTILATION AREA FOR EACH 1,500 SQ. FT. OF CRAWL SPACE WITH APPROVED VAPOR BARRIER.
 PROVIDE (1) VENT WITHIN 3'-0" OF EACH CORNER.
 REFER TO MANUFACTURER SPECIFICATIONS FOR ACTUAL VENTS USED TO DETERMINE NUMBER OF VENTS REQUIRED.

ROOF VENTILATING REQUIREMENTS
 $\frac{4071}{150} = 27.14 \text{ SQ. FT. REQ'D}$

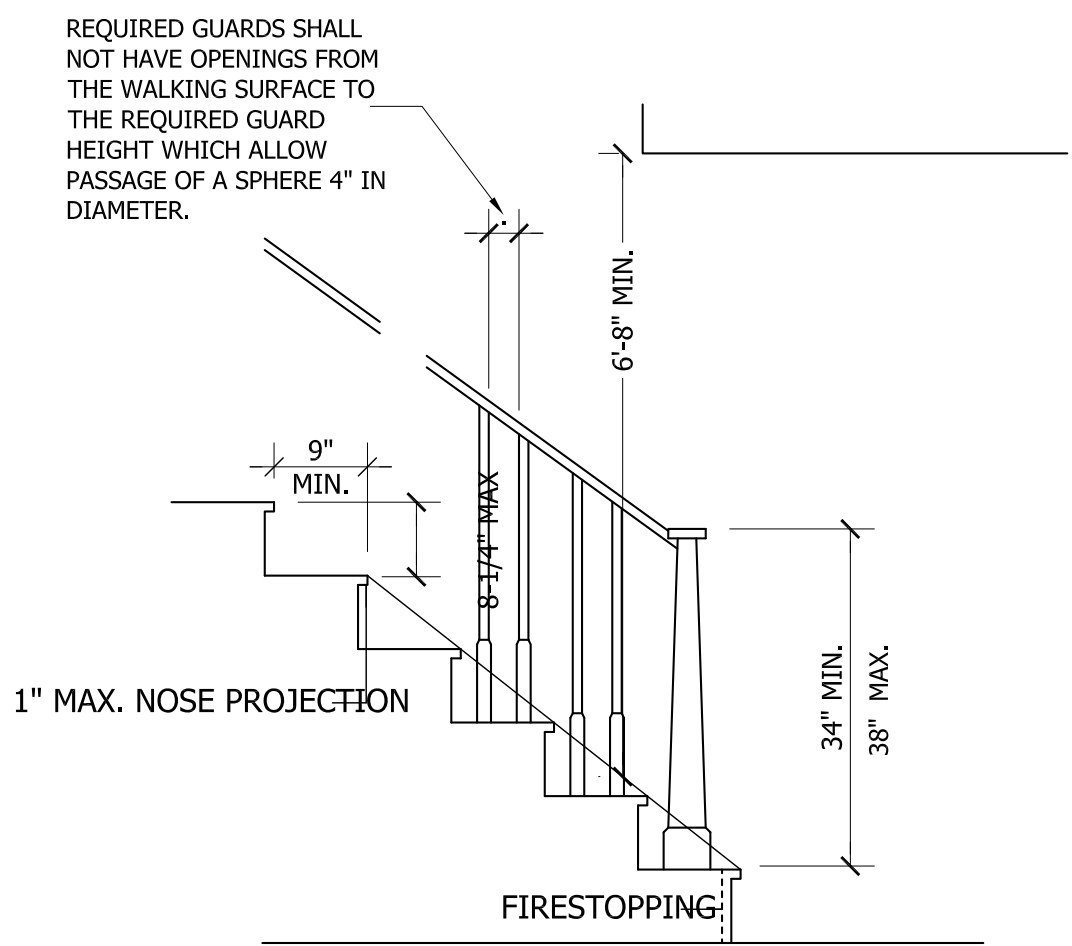
ROOF VENTILATING REQUIREMENTS
 (POWER ROOF VENTILATOR REQUIRED)
 $\frac{4071}{300} = 13.57 \text{ SQ. FT. REQ'D}$

BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED.



GARAGE SLAB

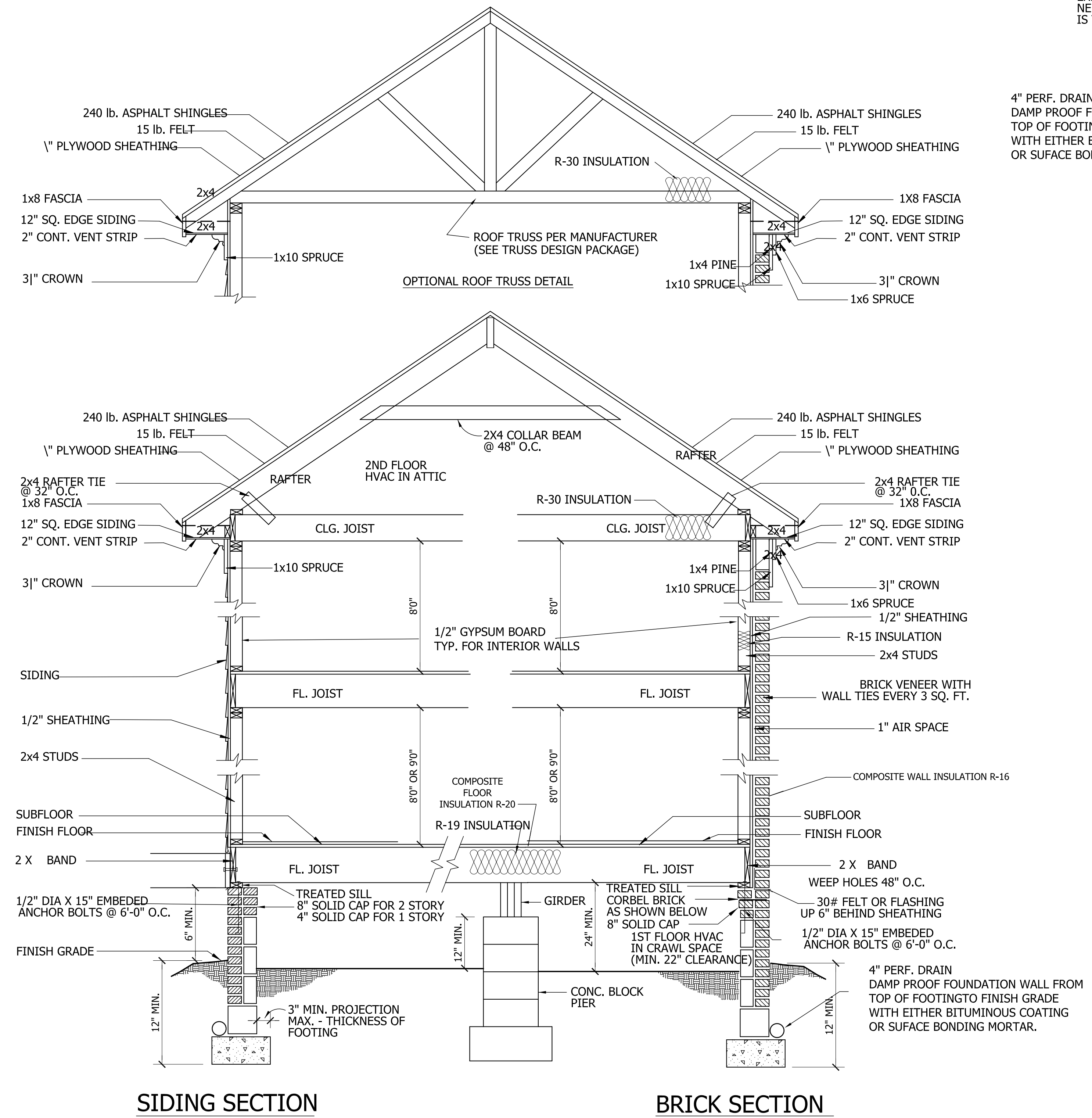
SCALE: NTS



NOTE:
 Stairways shall not be less than 36 inches in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 4.5 inches on either side of the stairway and the minimum clear width of the stairway at and below the handrail height, including treads and landings, shall not be less than 31-1/2 inches where a handrail is installed on one side and 27 inches where handrails are provided on both sides

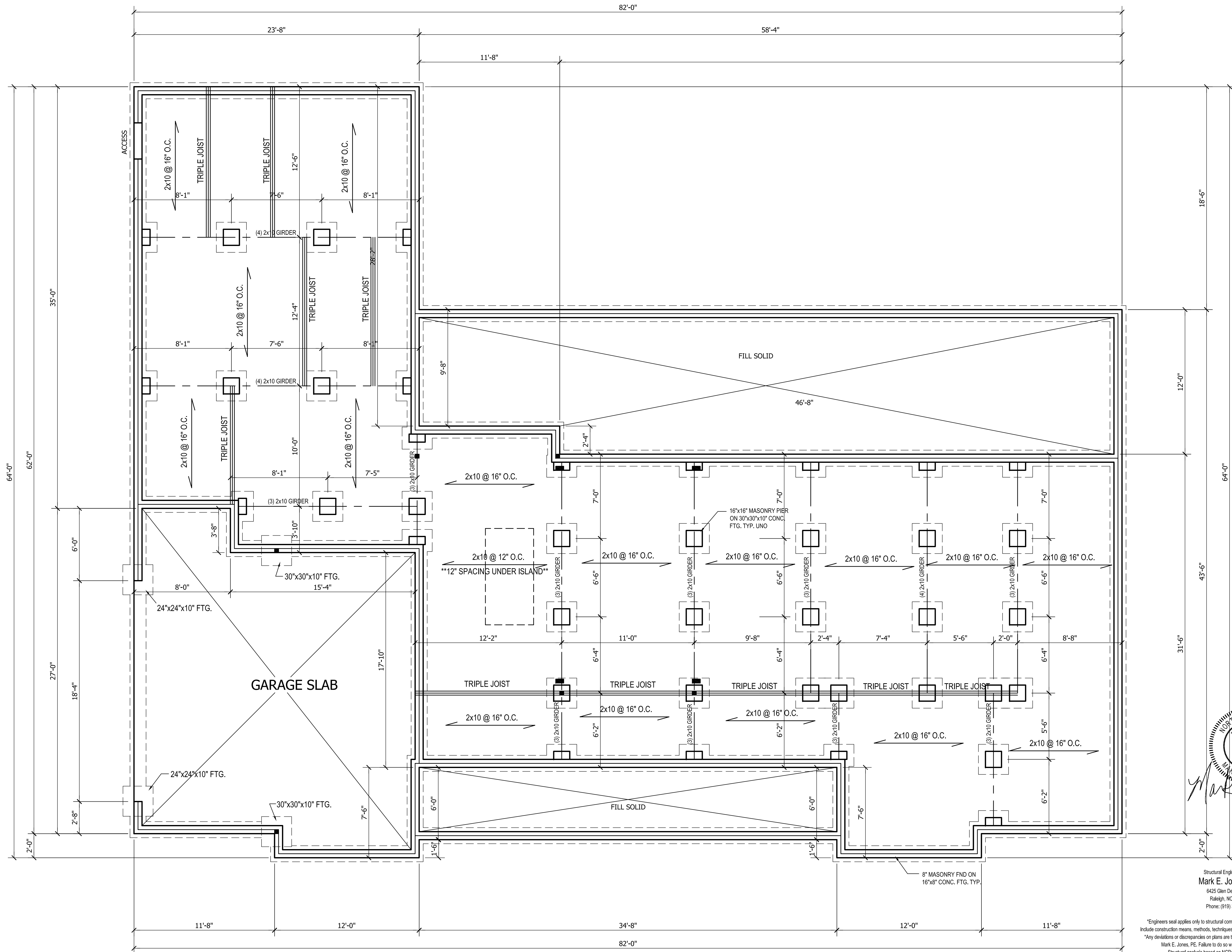
STAIR DETAIL

SCALE: NTS



WALL SECTION

SCALE: 1" = 1'-0"



Mark E. Jones

Structural Engineering by:
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 6425 Glen Dean Court
 Raleigh, NC 27603
 Phone: (919) 395-5618

*Engineers seal applies only to structural components on this document. Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
 *Any deviations or discrepancies on plans are to be brought to the immediate attention of Mark E. Jones, PE. Failure to do so will void Mark E. Jones, PE liability.
 Structural analysis based on NC Residential Building Code 2018.

Project No. 21-200

FIRST FLOOR PLAN
 SCALE: 1/4"=1'-0"

WADDELL RESIDENCE



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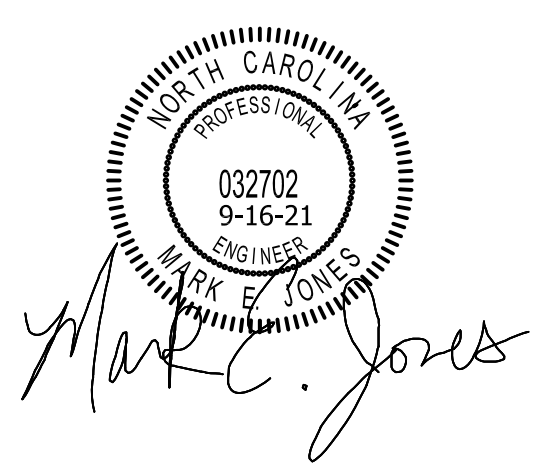
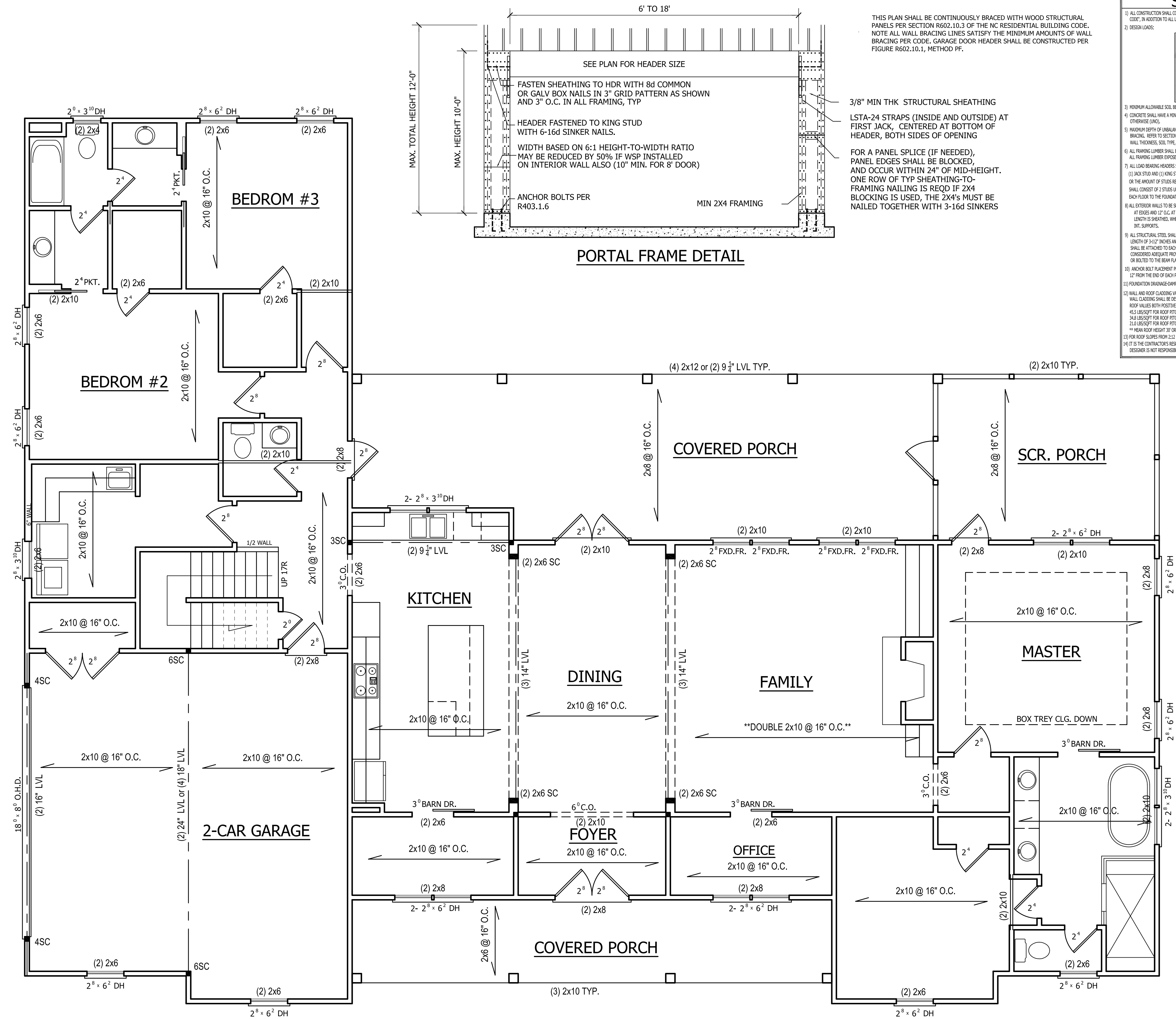
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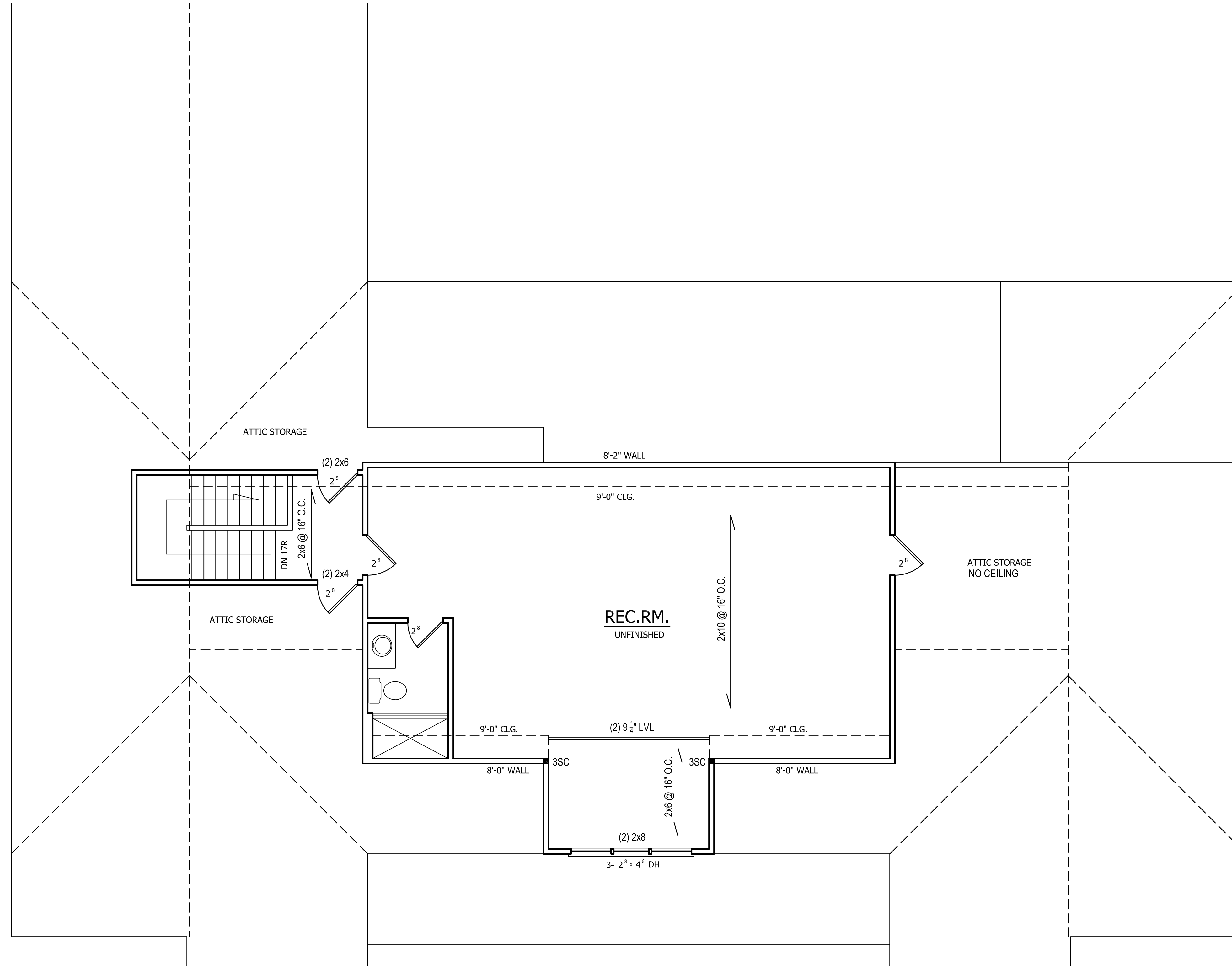
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SECOND FLOOR PLAN

SCALE: 1/4"=1'-0"
 9'-0" CLG. HGT.
 SET WINDOWS AT 7'-4" A.F.F.

WADDELL RESIDENCE



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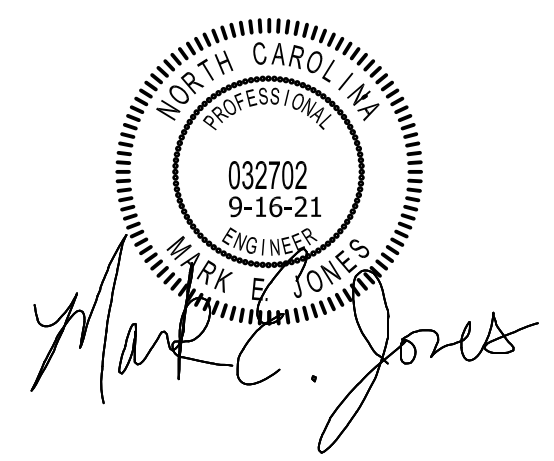
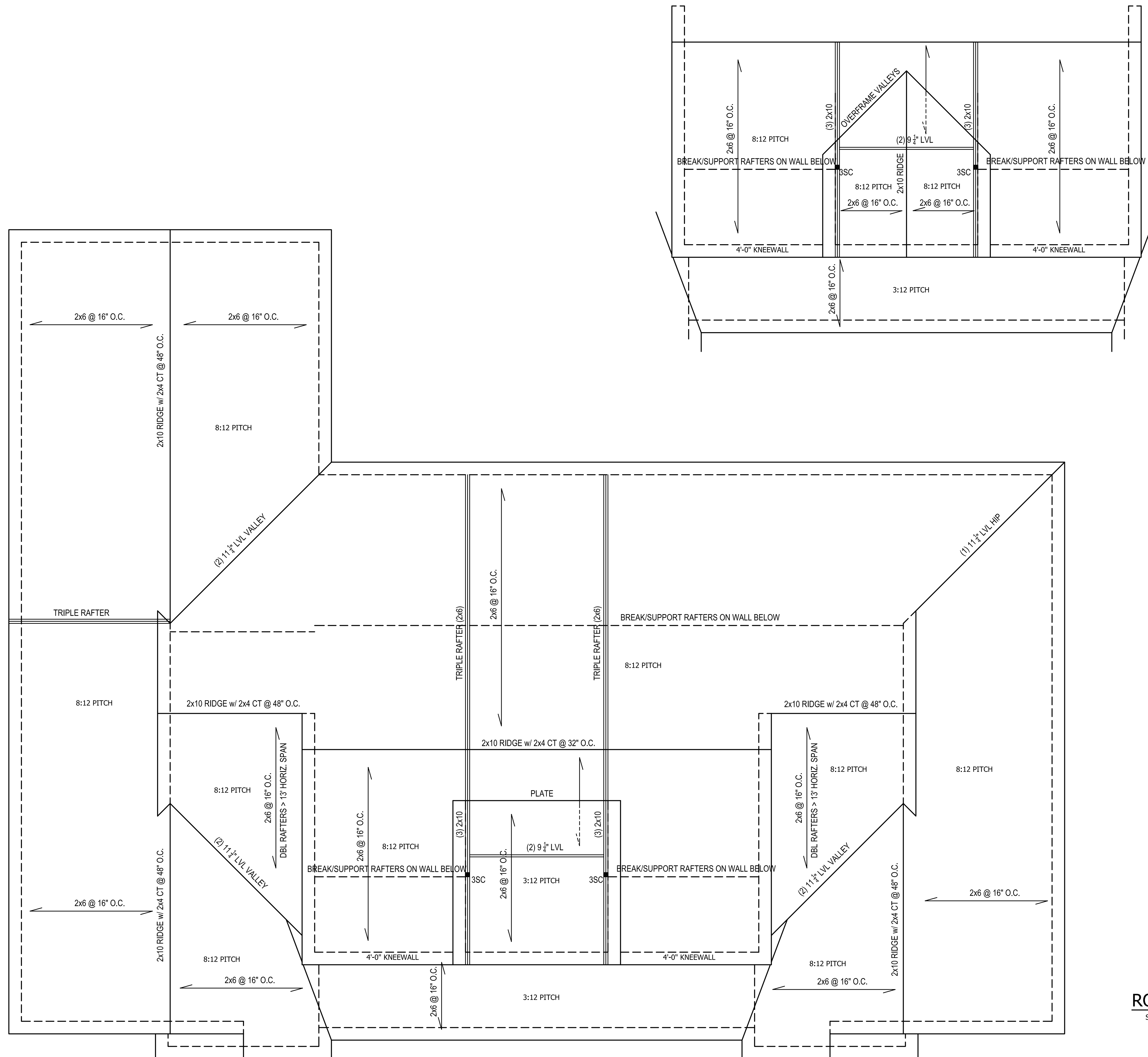
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ROOF PLAN
 SCALE: 1/4"=1'-0"

WADDELL RESIDENCE



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