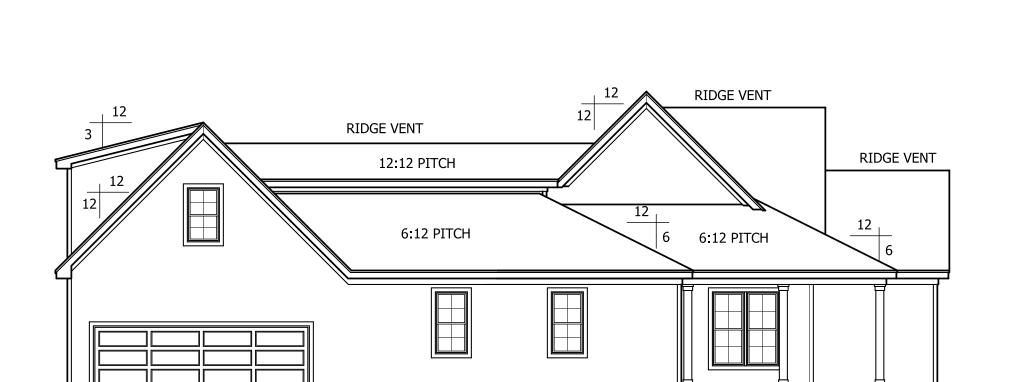
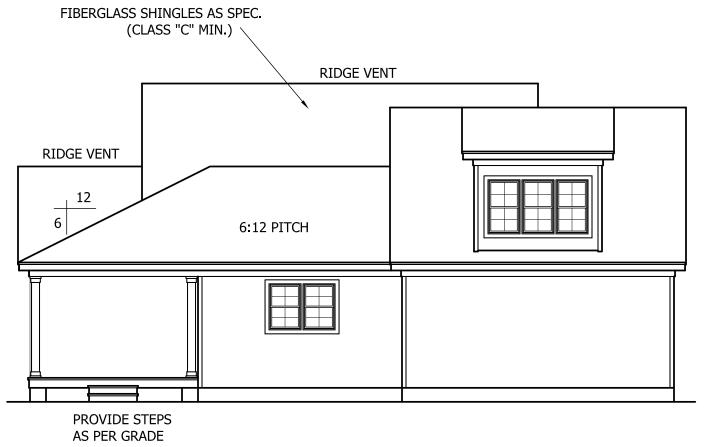
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO BEGGINING WORK. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL STATE AND LOCAL BUILDING CODES AND ORDINANCES. KADS CUSTOM HOME DESIGNS ASSUMES NO LIABILITY FOR SITE CONDITIONS, CONSTRUCTION METHODS OR ANY DEVIATION OF THESE PLANS.

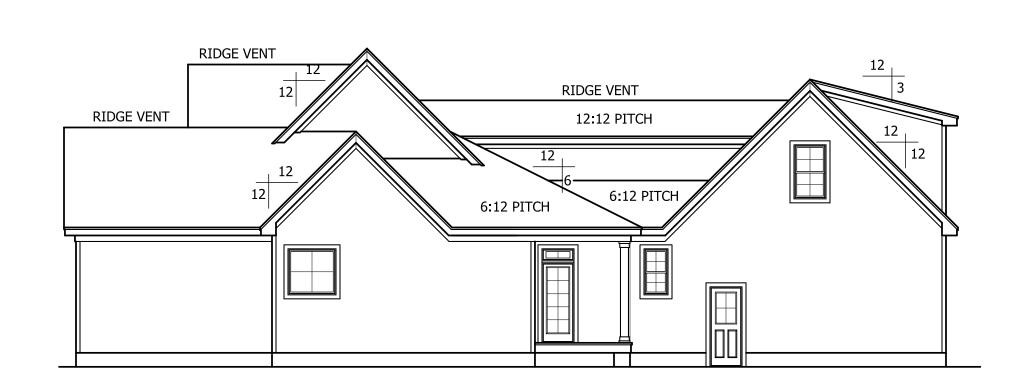
NOTE:
ALL WINDOWS TO BE INSTALLED MUST MEET
A MINIMUM OF .32 U VALUE OR BETTER, UNLESS
ENERGY CALCULATIONS ARE SUBMITTED WITH PLANS
PROVIDED BY BUILDER AT TIME OF PLAN REVIEW.



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







LEFT ELEVATION

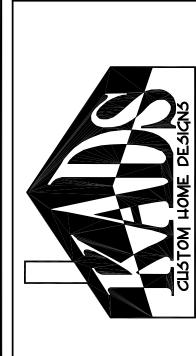
SCALE: 1/8"=1'-0"

REAR ELEVATION

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

RIGHT ELEVATION

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



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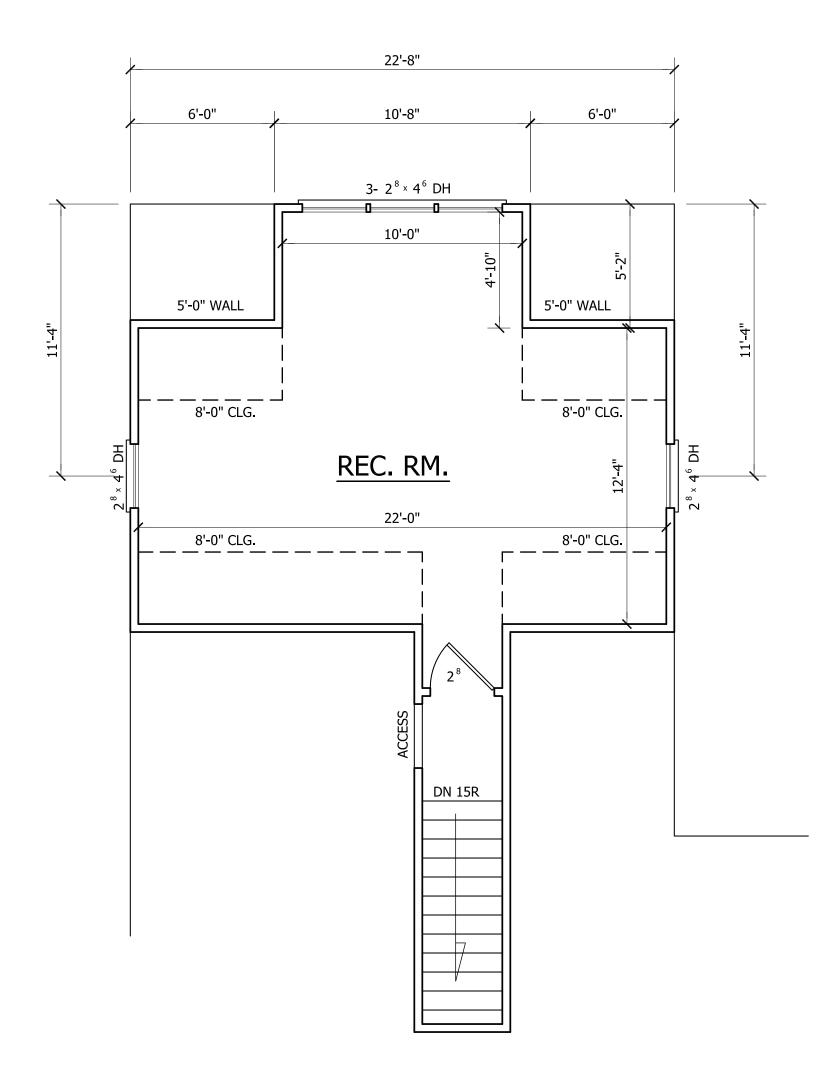
DATE: 3/18/20

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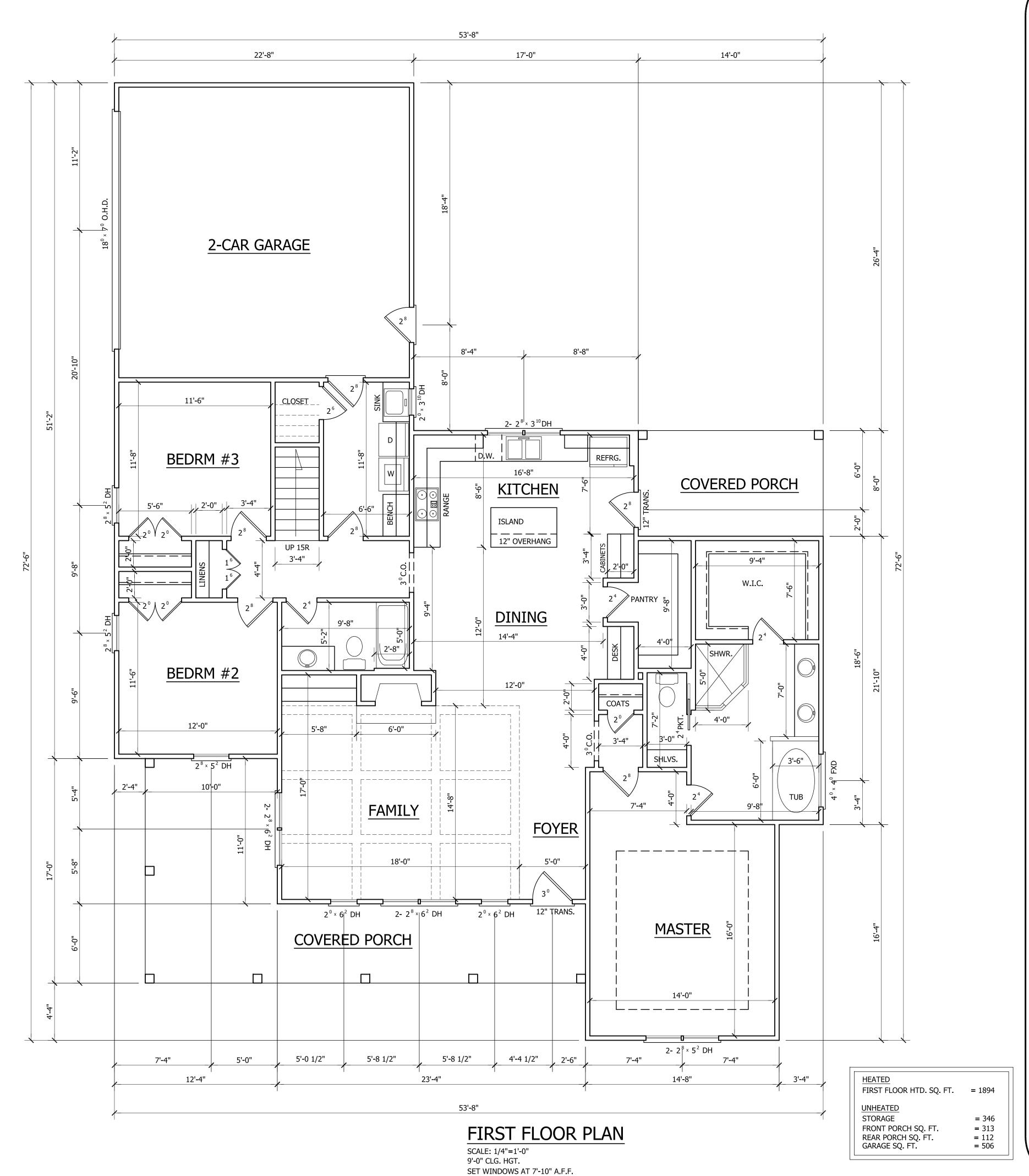
3

PLAN NO. DKI894



SECOND FLOOR PLAN

SCALE: 1/4"=1'-0" 8'-0" CLG. HGT. SET WINDOWS AT 6'-8" A.F.F.



ROY RESIDENCE



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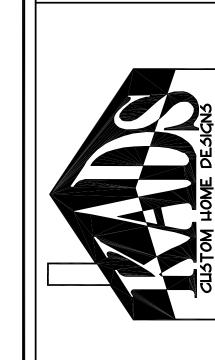
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DATE: 3/18/20

PAGE NO

PLAN NO. DK1894





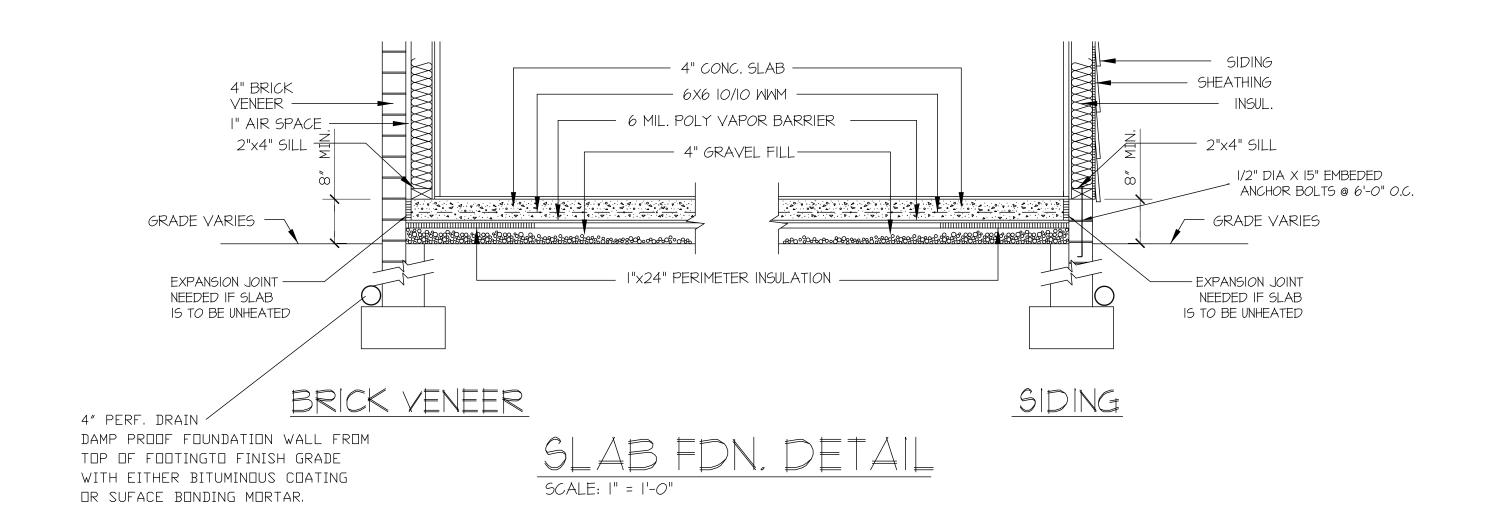
ANGIER, NC 919-369-7181

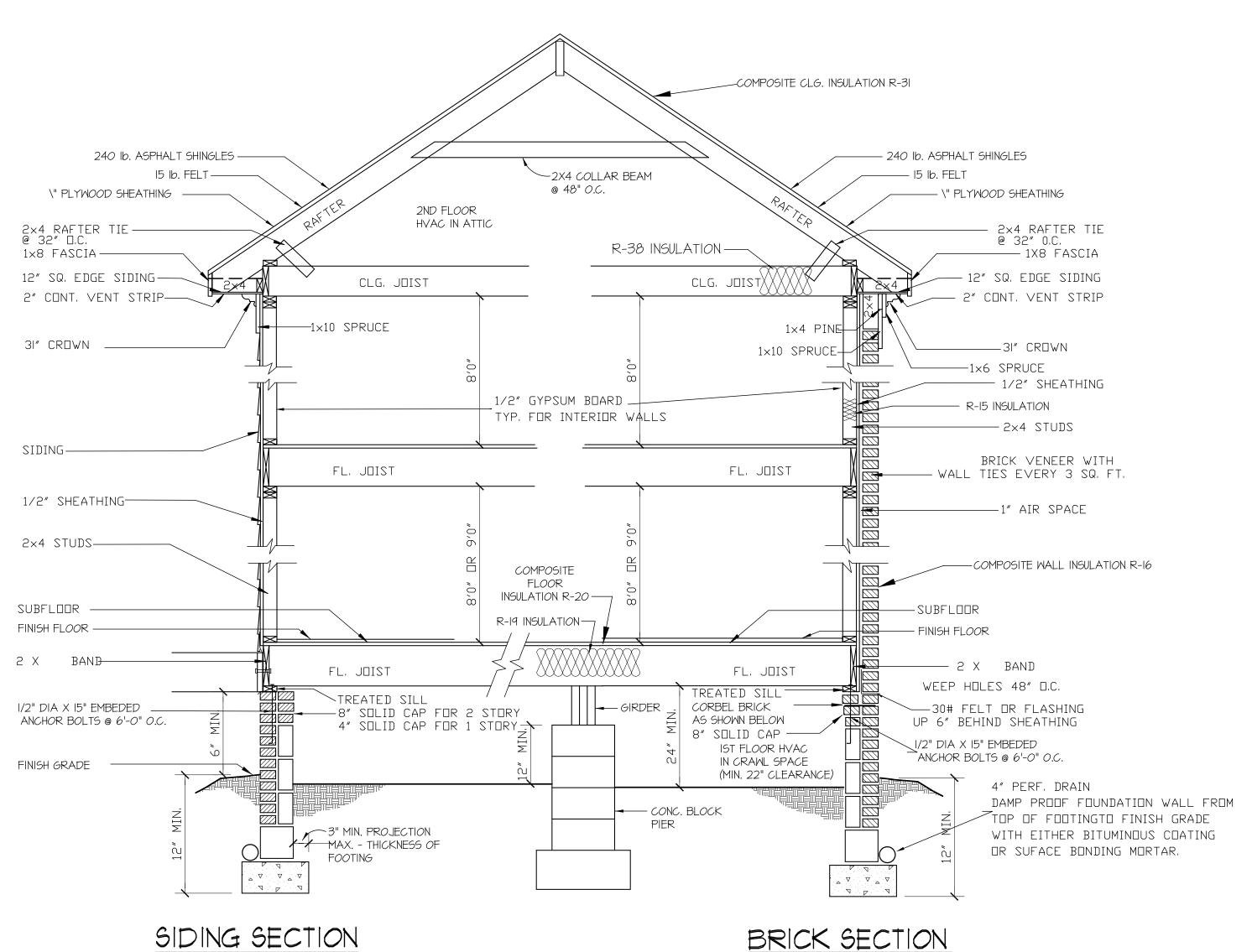
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DATE: 3/18/20

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PLAN NO. DK1894





, EXPANSION JOINT - 4" CONC. SLAB WITH FIBERMESH OR WIREMESH ON 6 MIL. VAPOR FOUNDATION -BARRIER ON 4" CRUSHED STONE GRADE –8" CONC. BLK. WALL •— 8"x16" CONC. FTG.

GARAGE SLAB SCALE: NTS

BRICK SECTION

WALL SECTION

SCALE: \" = |'-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 = 1894 SQ.FT.

1894/150 = 12.62 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

REFER TO MANUFACTURER SPECIFICATIONS FOR ACTUAL VENTS USED TO DETERMINE NUMBER OF VENTS REQUIRED.

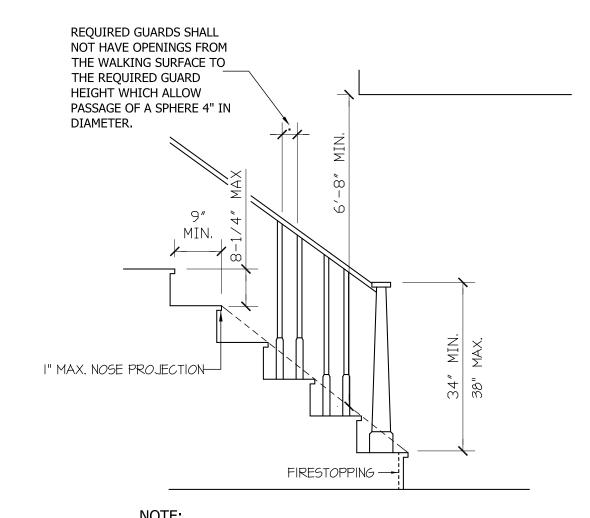
ROOF VENTILATING REQUIREMENTS

= <u>18.84</u> SQ. FT. REQ'D

ROOF VENTILATING REQUIREMENTS

(POWER ROOF VENTILATOR REQUIRED) = <u>8.42</u> SQ. FT. REQ'D

BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED.



Stairways shall not be less than 36 inches

in clear width at all points above the permitted

Handrails shall not project more than 4.5 inches

a handrail is installed on one side and 27 inches where handrails are provided on both sides

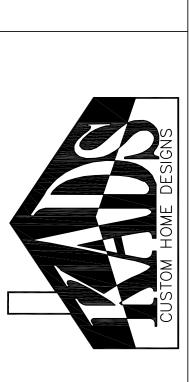
STAIR DETAIL

SCALE: NTS

handrail height and below the required headroom height.

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



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DATE:

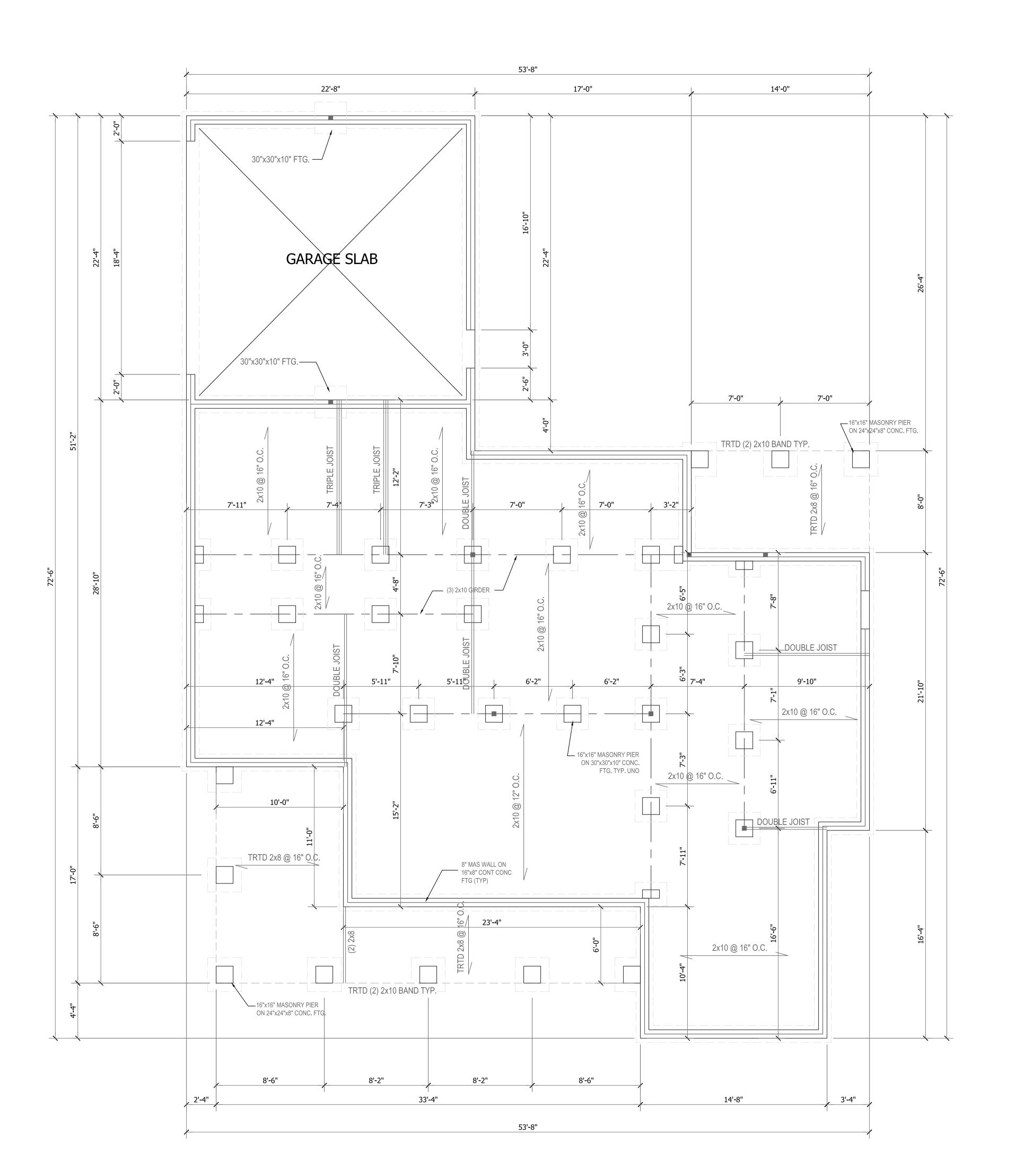
3/18/20

PAGE NO

OF

PLAN NO.

DK1894



FOUNDATION PLAN

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

Structural Engineering by:
Mark E. Jones, PE

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, procures 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 NCResidential Building Code 2018.

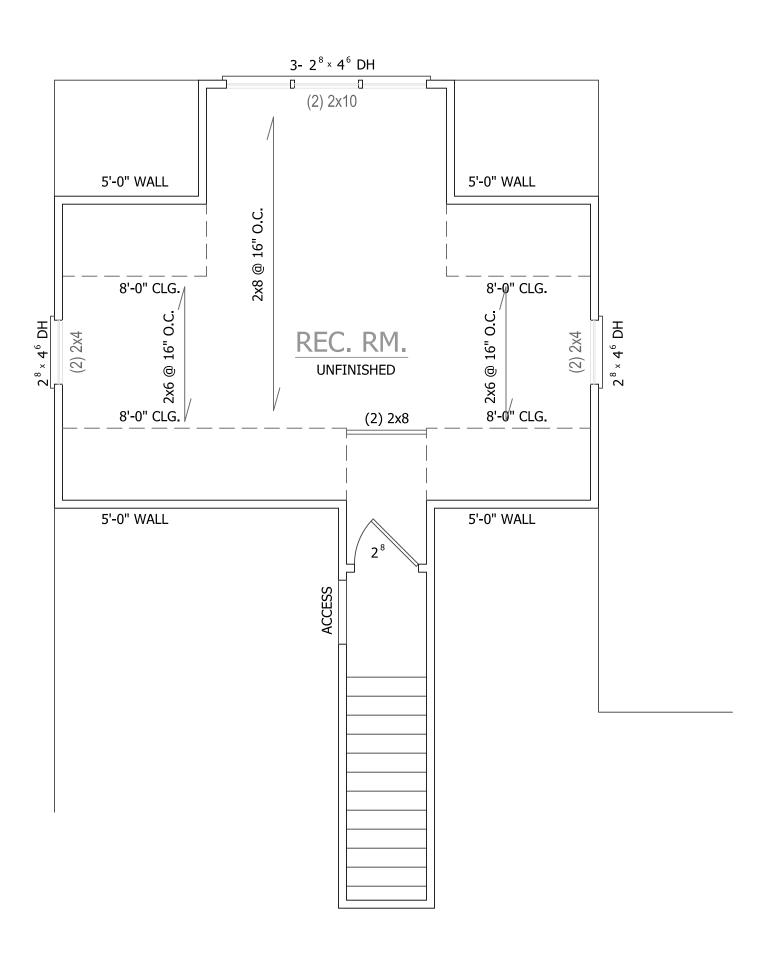
Project No. 20-077

STRUCTURAL NOTES

1) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING

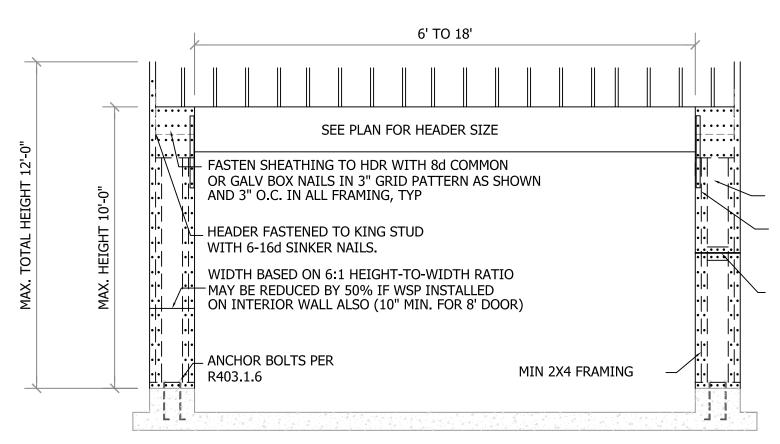
CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.

2) DESIGN LOADS:



SECOND FLOOR PLAN

SCALE: 1/4"=1'-0" 8'-0" CLG. HGT. SET WINDOWS AT 6'-8" A.F.F.



3/8" MIN THK STRUCTURAL SHEATHING
LSTA-24 STRAPS (INSIDE AND OUTSIDE) AT
FIRST JACK, CENTERED AT BOTTOM OF
HEADER, BOTH SIDES OF OPENING

FOR A PANEL SPLICE (IF NEEDED),
PANEL EDGES SHALL BE BLOCKED,
AND OCCUR WITHIN 24" OF MID-HEIGHT.
ONE ROW OF TYP SHEATHING-TOFRAMING NAILING IS REQD IF 2X4
BLOCKING IS USED, THE 2X4'S MUST BE
NAILED TOGETHER WITH 3-16d SINKERS

PORTAL FRAME DETAIL

032702
3-26-2020
*Engineers include constru*Any deviation Mai

Structural Engineering by:

Mark E. Jones, PE
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Raleigh, NC 27603
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Structural analysis based on NCResidential Building Code 2018.

Project No. 20-077

ediate attention of Eliability. 2018.

COVERED PORCH

(2) 2x10 TYP

ANGIER. NC

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DATE: <u>3/18/20</u>

PAGE NO



PLAN NO. DK1894

FIRST FLOOR PLAN

MASTER

L _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

(2) 2x8

2- 2⁸ × 5² DH

TREY CLG.

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

(2) 2x8 CLOSET (3) 2x12 BEDRM #3 5 **COVERED PORCH** (2) 2x6 DINING 2x8 @ 16" O.C. BEDRM #2 (2) 9 ½" LVL (2) 2x8 (2) 2x6 2⁸ × 5² DH **FAMILY** 2x6 @ 16" O.C. COFFERED CLG. **FOYER** 2x8 @ 16" O.C. (2) 2x8 (2) 2x6 12" TRANS. $2^{0} \times 6^{2}$ DH $2^{0} \times 6^{2}$ DH

2x10 @ 16" O.C.

2-CAR GARAGE

2x10 @ 16" O.C.



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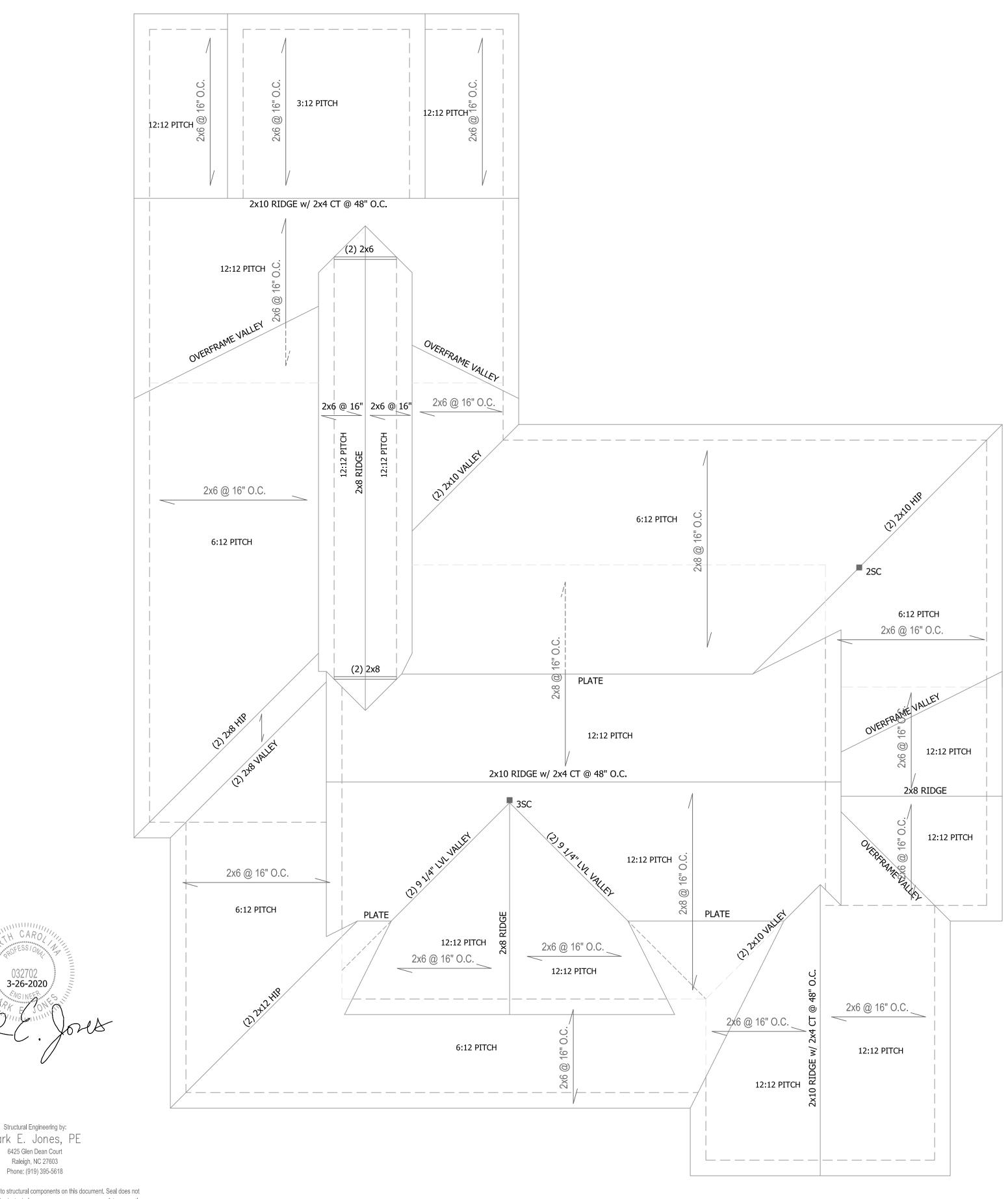
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DATE: <u>3/18/20</u>

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PLAN NO.

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



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Project No. 20-077