

CLADDING VALUES

THIS PROJECT HAS A MEAN ROOF OF LESS THAN 30 FEET.
 WALL CLADDING IS DESIGNED FOR A 24.1 LB. PER SQ.FT. OR GREATER POSITIVE OR NEGATIVE
 PRESSURE FOR HOUSES WITH A MEAN ROOF HEIGHT OF 20 FEET OR LESS. ROOF VALUES, BOTH
 POSITIVE AND NEGATIVE, SHALL BE DESIGNED AS FOLLOWS:
 45.4 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO < 2.25/12
 34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO < 7/12
 21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12
 VALUES STATED ARE FOR ROOFS WITH A MEAN HEIGHT OF 20 FEET OR LESS. ROOFS WITH MEAN
 ROOF HEIGHTS GREATER THAN 20 FEET MUST SHOW SPECIFIC INFORMATION FOR CLADDING.

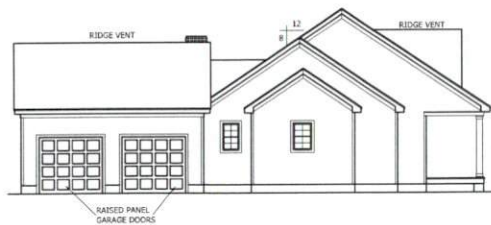
THIS PLAN HAS BEEN DRAWN TO CONFORM TO THE
 NORTH CAROLINA RESIDENTIAL CODE (2012 INTERNATIONAL
 RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS),
 CURRENT EDITION WITH AMENDMENTS UNLESS OTHERWISE NOTED.

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. MAD'S CUSTOM HOME DESIGN, LLC ASSUMES
 NO LIABILITY FOR SITE CONDITIONS, CONSTRUCTION METHODS
 OR ANY DEVIATION OF THESE PLANS.

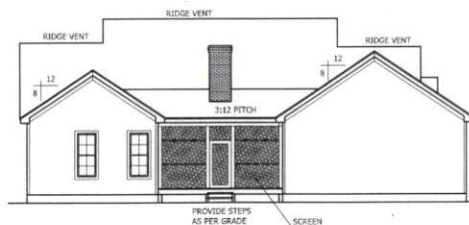
NOTE:
 ALL WINDOWS TO BE INSTALLED MUST MEET
 A MINIMUM OF 35 U VALUE OR BETTER, UNLESS
 ENERGY CALCULATIONS ARE SUBMITTED WITH PLANS
 PROVIDED BY BUILDER AT TIME OF PLAN REVIEW.



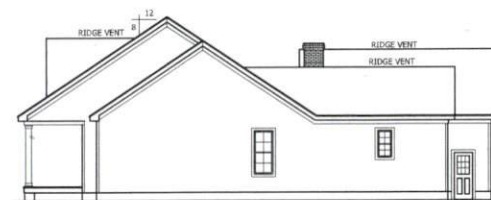
FRONT ELEVATION
 SCALE: 1/4"=1'-0"



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



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



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

WRIGHT RESIDENCE



ANGER, NC
 919-369-7781

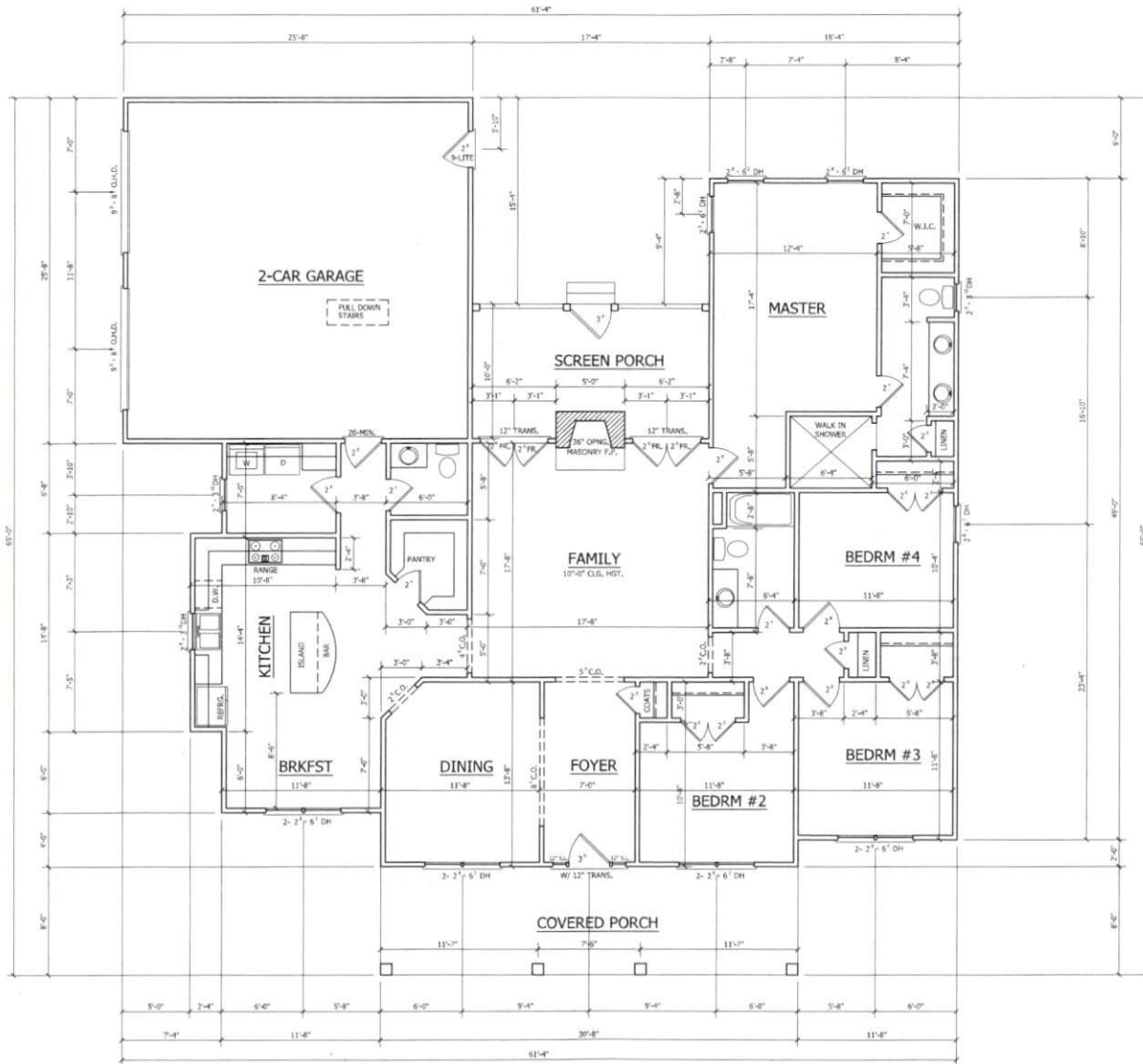
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 D.V.O.

DATE:
 1/8/19

PAGE NO

1
 OF
 4

PLAN NO.
 DK2029




HEATED:	
FIRST FLOOR HTD. SQ. FT.	= 3029
UNHEATED:	
FRONT PORCH SQ. FT.	= 245
REAR PORCH SQ. FT.	= 173
GARAGE SQ. FT.	= 633

FIRST FLOOR PLAN

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

WRIGHT RESIDENCE



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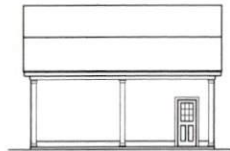
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PAGE NO
 2
 OF
 4

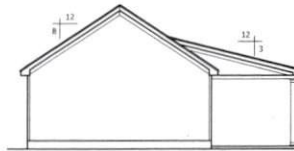
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 DK2029



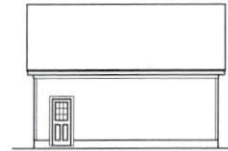
FRONT ELEVATION
SCALE: 1/4"=1'-0"



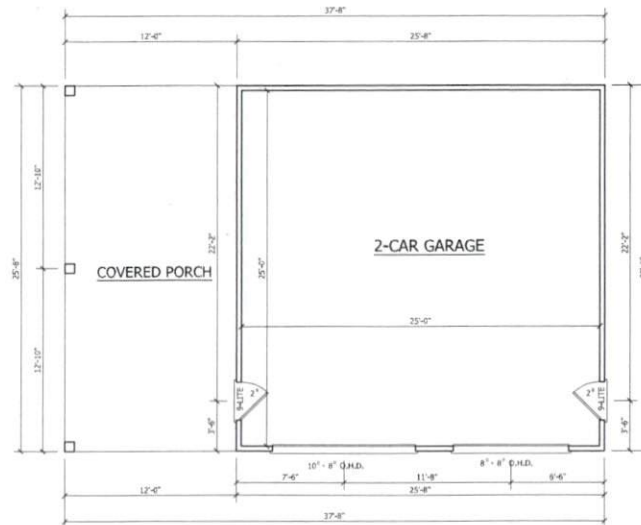
LEFT ELEVATION
SCALE: 1/8"=1'-0"



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



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



UNHEATED
SIDE PORCH SQ. FT. = 308
GARAGE SQ. FT. = 659

GARAGE PLAN

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

10'-0" C.L.G. HGT.

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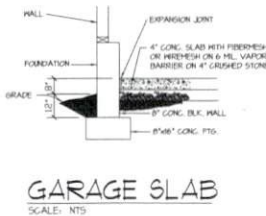
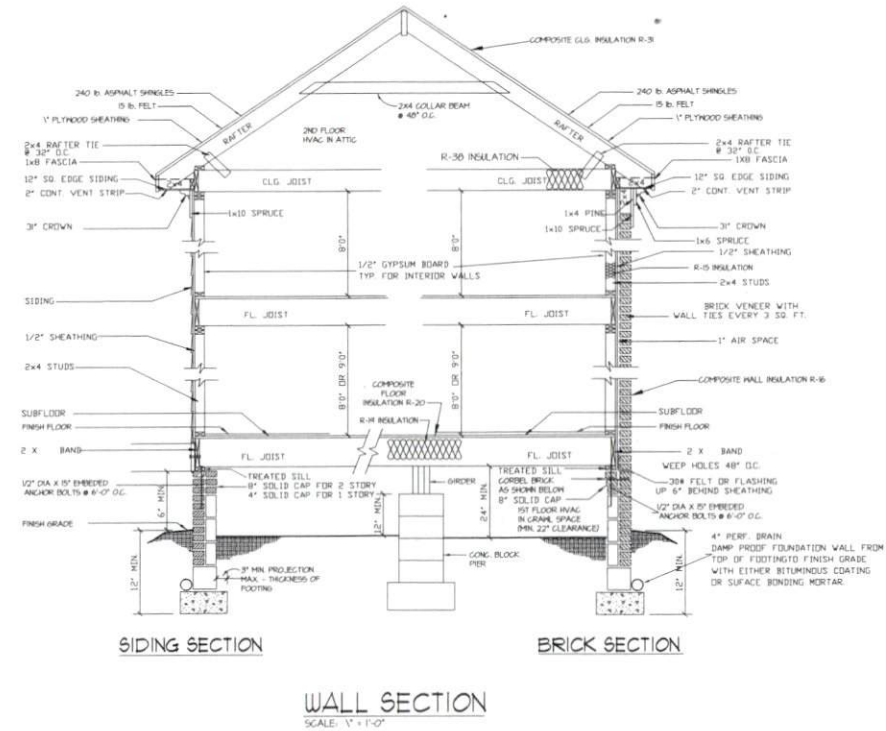
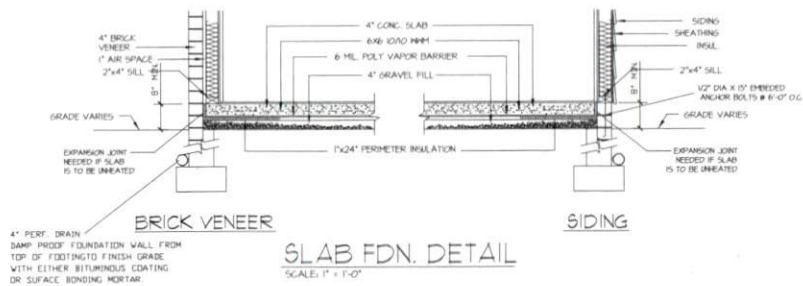
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1/8/19

PAGE NO
3
OF
4

PLAN NO.
DK2029

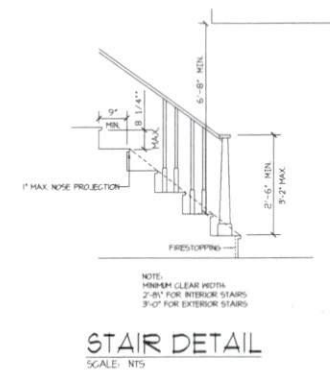


CRAWL SPACE VENTILATION
 PROVIDE AT LEAST 1.0 SQ. FT. NET FREE VENTILATION AREA FOR EACH 150 SQ. FT. OF CRAWL SPACE.
 CRAWL SPACE AREA = 259' SQ. FT.
 259/150 = 1.73 SQ. FT. REQ'D.
 REDUCE REQUIRED AREA TO 1.0 SQ. FT. NET FREE VENTILATION AREA FOR EACH 1,500 SQ. FT. OF CRAWL SPACE WITH APPROVED VAPOR BARRIERS.
 PROVIDE (1) VENT WITHIN 7'-4" OF EACH CORNER.
 REFER TO MANUFACTURER SPECIFICATIONS FOR ACTUAL VENTS USED TO DETERMINE NUMBER OF VENTS REQUIRED.


ROOF VENTILATING REQUIREMENTS
 3500 / 150 = 23.33 SQ. FT. REQ'D

ROOF VENTILATING REQUIREMENTS
 (POWER ROOF VENTILATOR REQUIRED)
 3500 / 260 = 13.46 SQ. FT. REQ'D

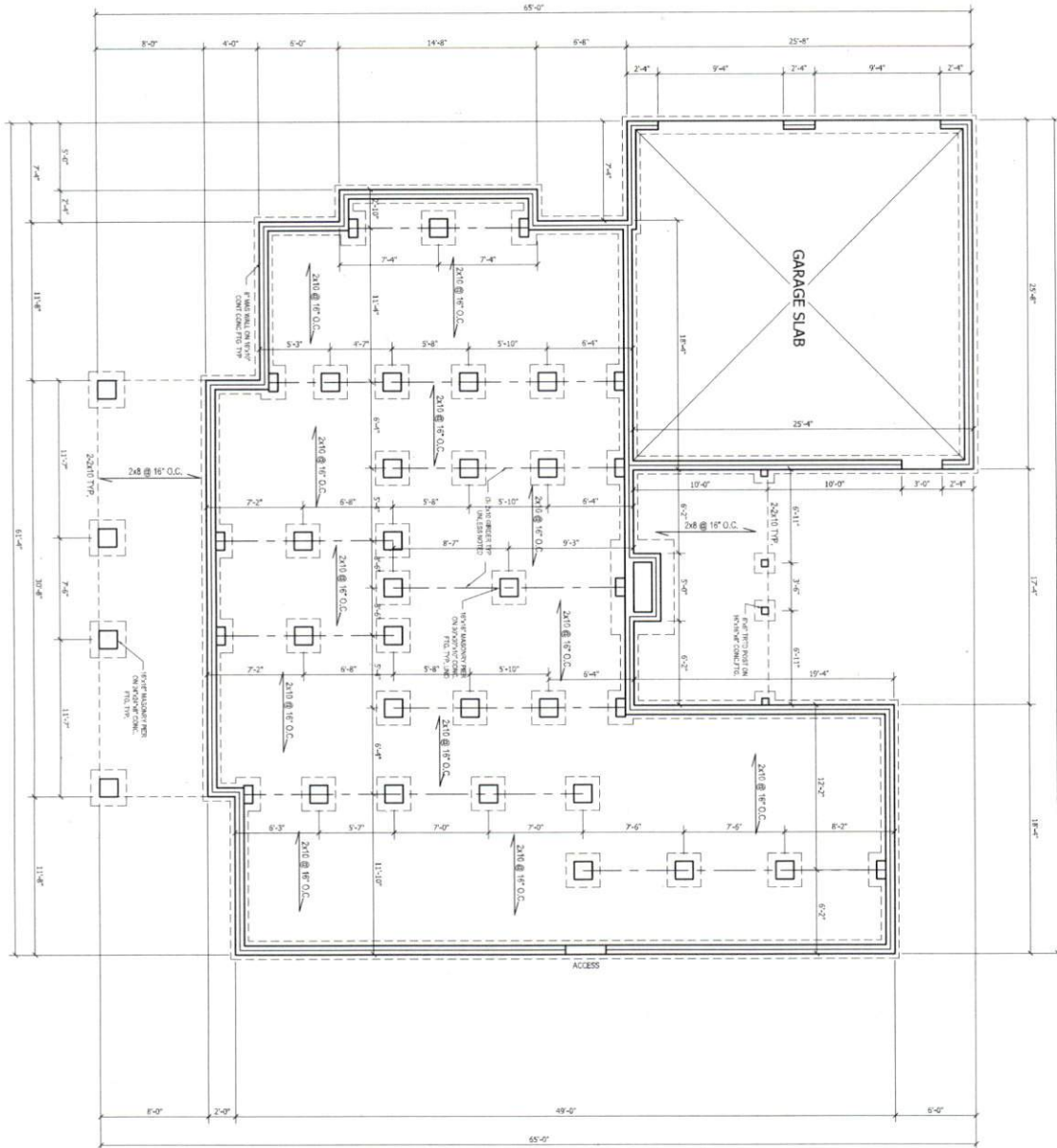
BUILDER TO PROVIDE APPROPRIATE VENTILATING AS REQUIRED.



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 DATE:
 1/8/19
 PAGE NO
 4
 OF
 4
 PLAN NO.
 DK2029



FOUNDATION PLAN

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

PLAN NO. DK2029

OF 4

PAGE NO. 12/3/18

DATE: 12/3/18

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WRIGHT RESIDENCE

Notes:
 1. Foundation shall be cast in concrete with rebar. See detail for reinforcement.
 2. All foundation elements shall be cast in concrete with rebar.
 3. All foundation elements shall be cast in concrete with rebar.
 4. All foundation elements shall be cast in concrete with rebar.
 5. All foundation elements shall be cast in concrete with rebar.

Mark E. Jones, PE

Professional Engineer

State of North Carolina

Registration No. 12072

Expiration Date 12/31/2021



PLAN NO. DK2029

4

S2

PAGE NO.

12/3/18

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ANDER, NC



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FIRST FLOOR PLAN

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

9" O.C. NET.

SET WINDOWS AT 7'-10" AFF.

Professional seal and stamp area for the architect.

Mark E. Jones, P.E.



1. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

2. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

3. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

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12. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

13. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

14. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

15. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

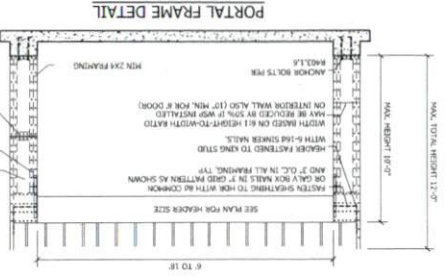
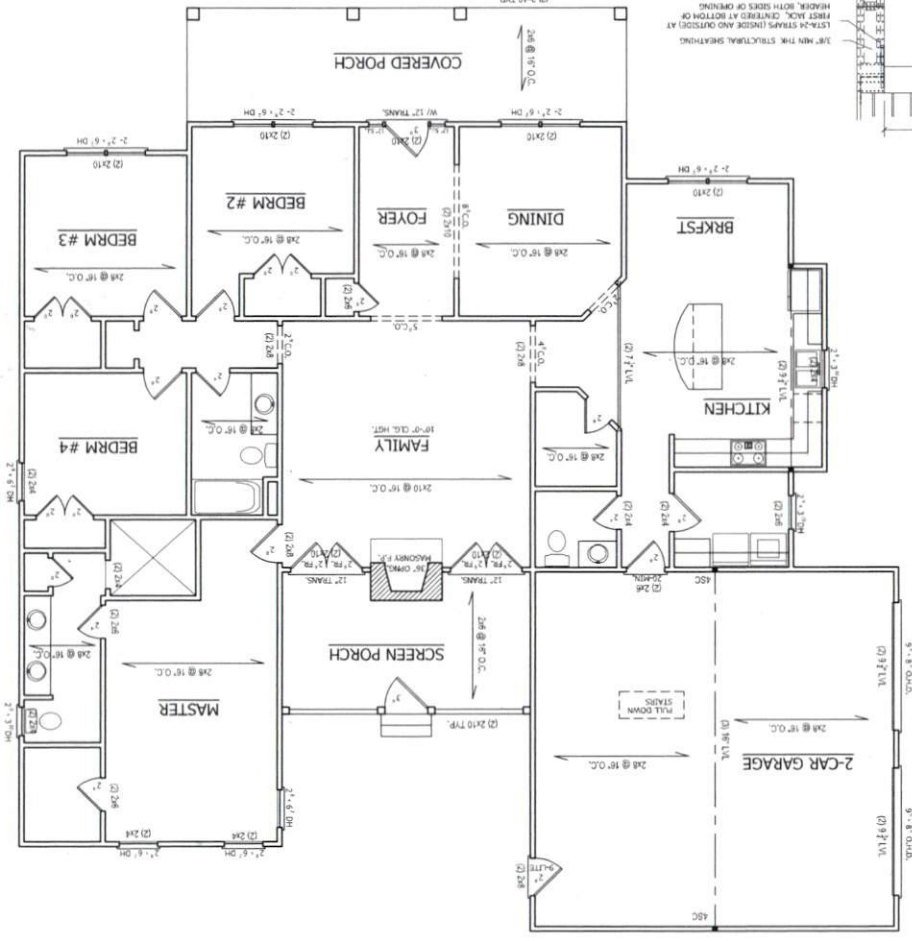
16. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

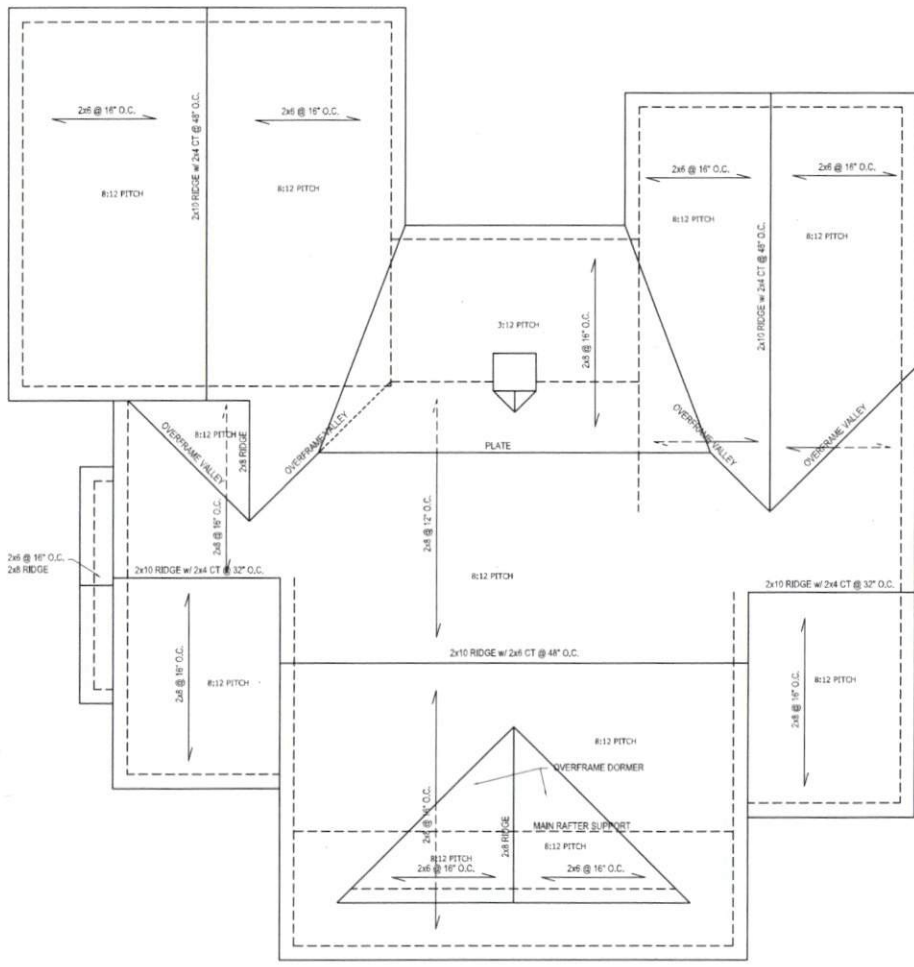
17. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

18. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

19. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.

20. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNMENT AND STATE AGENCIES.





Mark E. Jones

Prepared/Engineered by
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 4811 Lake Shore Court
 Raleigh, NC 27612
 Phone: 919.390.6999

This drawing and specifications are to be used for construction of the structure shown. It is the responsibility of the contractor to verify all dimensions and conditions in the field. The contractor shall be responsible for any changes or omissions. The contractor shall be responsible for obtaining all necessary permits. The contractor shall be responsible for any delays or costs incurred. The contractor shall be responsible for any damages or injuries. The contractor shall be responsible for any safety issues. The contractor shall be responsible for any environmental issues. The contractor shall be responsible for any other issues.

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

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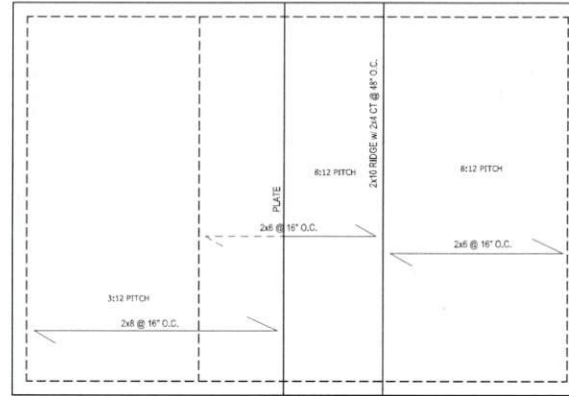
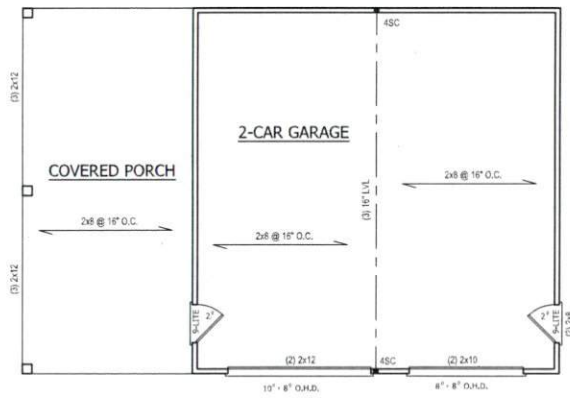
PAGE NO

S3

OF

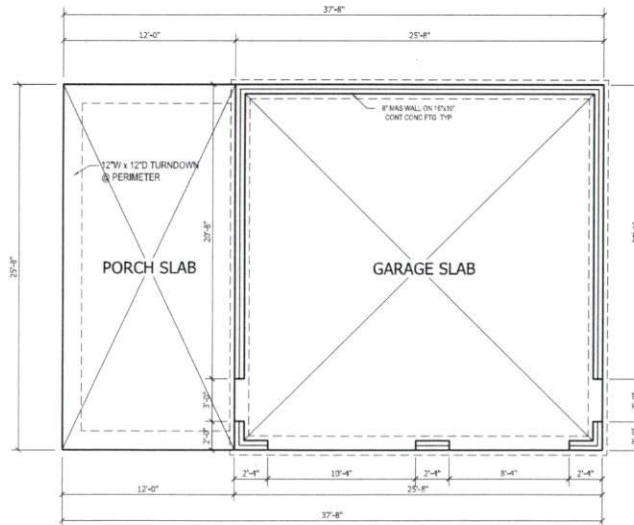
4

PLAN NO.
 DK2029



Structural Engineering by
Mark E. Jones, PE
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 Raleigh, NC 27603
 Phone: 919 554-6839

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GARAGE PLAN
 SCALE: 1/4" = 1'-0"
 10'-0" CLG. HGT.

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DATE:
 12/3/18

PAGE NO.
 S4
 OF
 4

PLAN NO.
 DK2029