

23-281
Rev. 1
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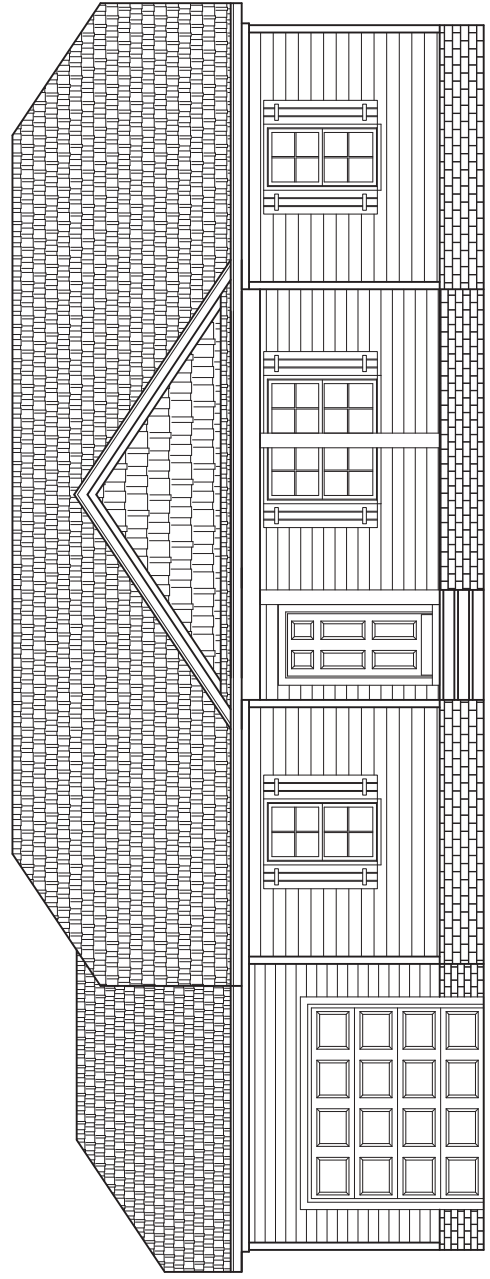
9101 Ten-Ten Rd.
Raleigh, NC 27603
Office: (919) 302-0693



1253
Single Car

Signature Homes
1209 N Main Street
Lillington, NC 27546

ELEVATIONS
Sheet Number
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of 2



FRONT ELEVATION 'C'

1/4" = 1'-0"

GENERAL NOTES:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
- ALL ANGLED WALL SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
- STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
- DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

CRAWL SPACE VENTILATION CALCULATIONS

-VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.
-100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.

-THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/1500 AS LONG AS REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS-VENTILATION OF THE SPACE.
-THE INSTALLATION OF OPERABLE LOUVERS SHALL NOT BE PROHIBITED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNERS)

1.253 SQ. FT. OF CRAWL SPACE/1500

0.84 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 4 VENTS AT 0.45 SQ. FT. NET FREE VENTILATION EACH = 1.8 SQ. FT. OF VENTILATION

****FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.**

ATTIC VENTILATION CALCULATIONS

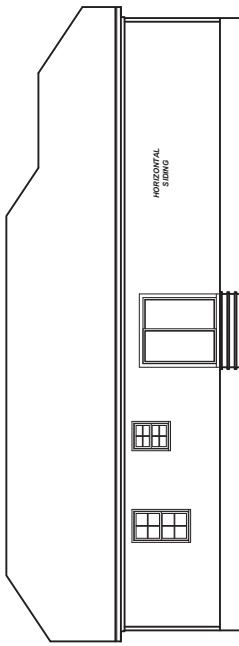
-CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BE GABLE VENTS.
-CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

1.651 SQ. FT. OF ATTIC/500= 5.50 EACH OF INLET AND OUTLET REQUIRED.

****WALL AND ROOF CLADDING DESIGN VALUES**

-WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.
-ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:
45.5 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

** MEAN ROOF HEIGHT 30' OR LESS

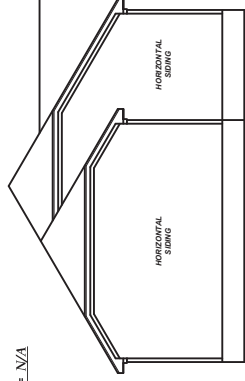


REAR ELEVATION 'C'

1/8" = 1'-0"

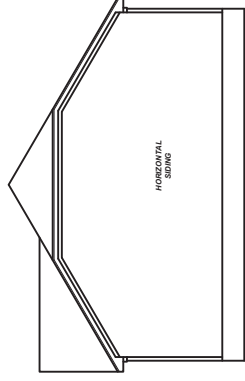
SQUARE FOOTAGE

HEATED SQUARE FOOTAGE	UNHEATED SQUARE FOOTAGE
FIRST FLOOR= 1253	GARAGE= 286
SECOND FLOOR= N/A	FRONT PORCH= 25
THIRD FLOOR= N/A	SCREEN PORCH= N/A
BASEMENT= N/A	DECK= N/A
	STORAGE= N/A
TOTAL HEATED= 1253	TOTAL UNHEATED= N/A



LEFT ELEVATION 'C'

1/8" = 1'-0"



RIGHT ELEVATION 'C'

1/8" = 1'-0"

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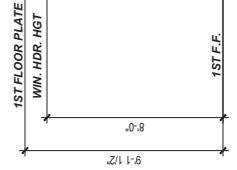
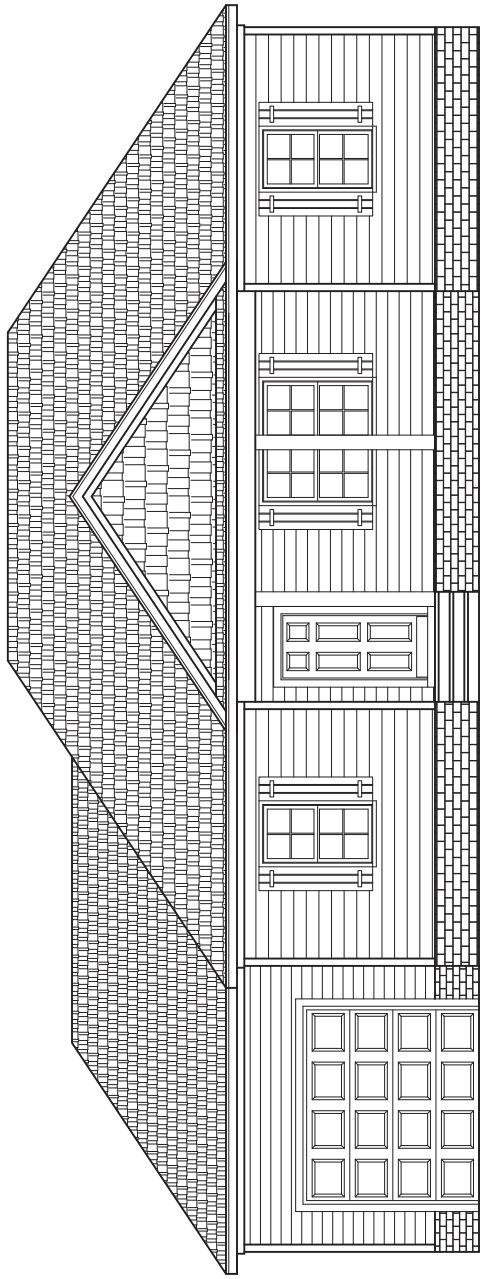
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FRONT ELEVATION 'D'
1/4" = 1'-0"

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1253	SQ. FT. OF CRAWL SPACE/1500
0.84	SQ. FT. OF REQUIRED VENTILATION
PROVIDED BY: 4	VENTS AT 0.45 SQ. FT. NET FREE
VENTILATION EACH= 1.8	SQ. FT. OF VENTILATION

****FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.**

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1651	SQ. FT. OF ATTIC/500*
5.50	

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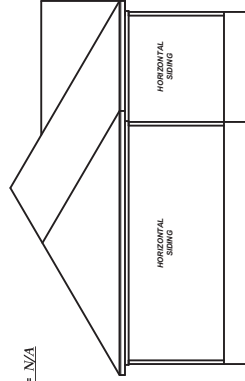
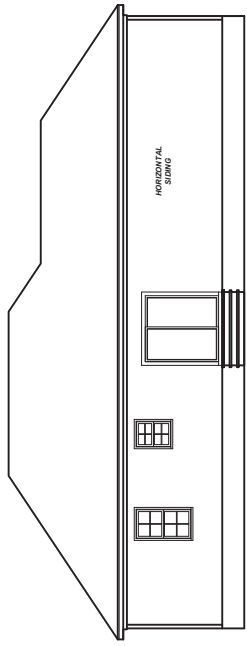
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SQUARE FOOTAGE

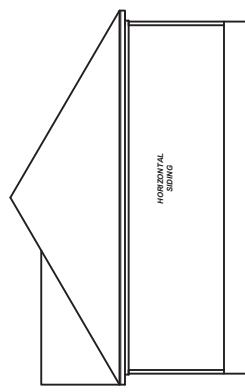
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TOTAL HEATED= 1253 TOTAL UNHEATED= N/A

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1/8" = 1'-0"



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1/8" = 1'-0"



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4	01.23	REVISED PER K&A

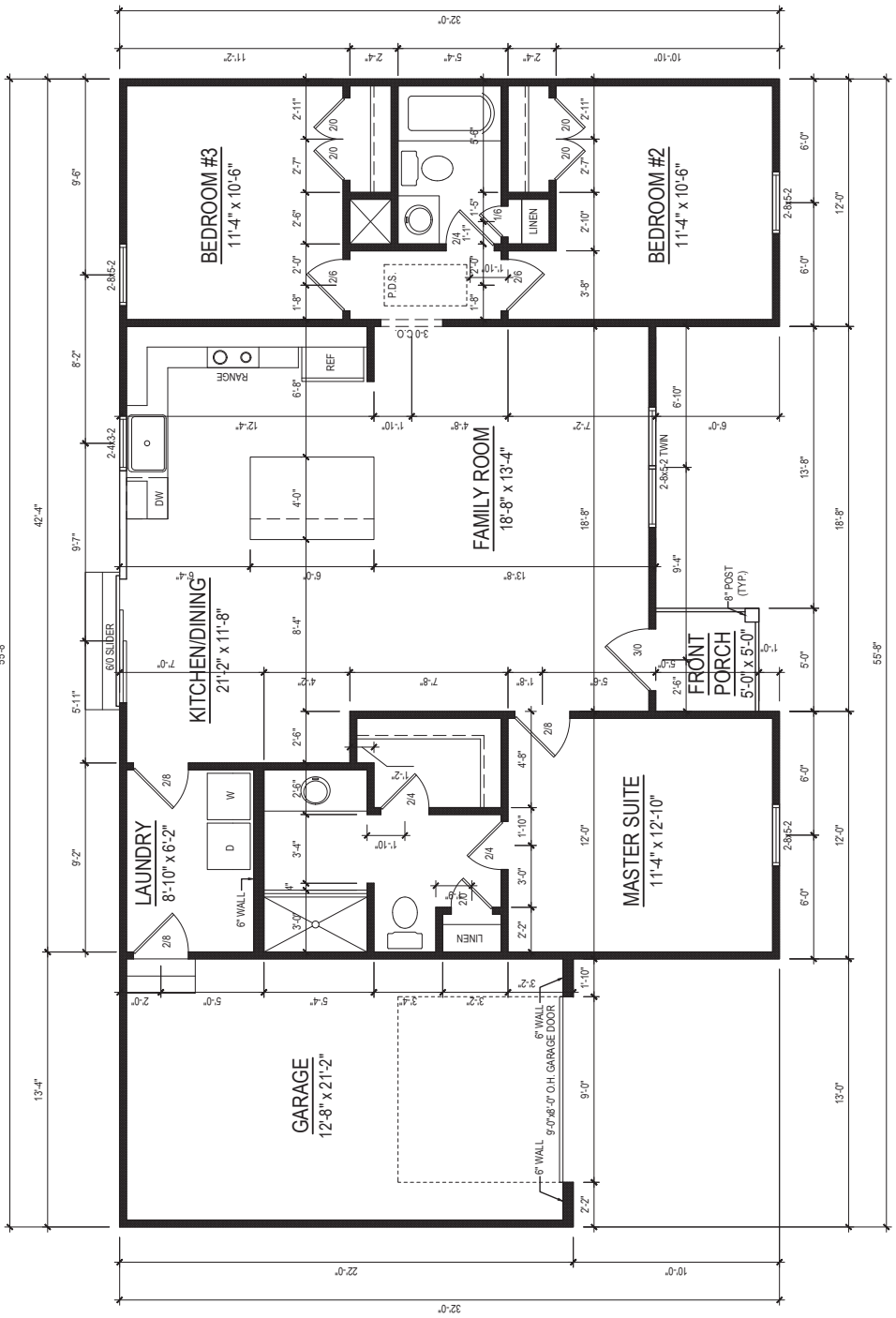
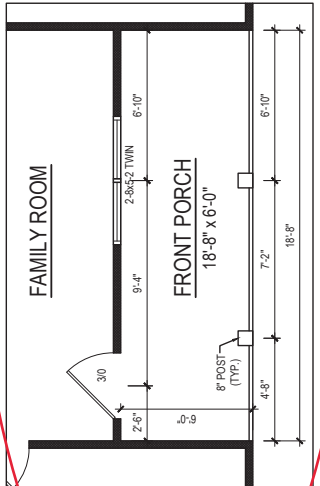
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FLOOR PLAN
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FIRST FLOOR PLAN
ELEV. 'B', 'C', & 'D'
1/4" = 1'-0" CEILING HT. = 9'-0"
THIS OPTION ADDS 112SF



FIRST FLOOR PLAN
1/4" = 1'-0" CEILING HT. = 9'-0"

