

GENERAL NOTES:

1. IT IS THE CONTRACTORS 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.
2. ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
3. ALL ANGLED WALL SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
4. STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
5. DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

Heated Square Footage	Unheated Square Footage
First Floor	1532 Garage 465
Second Floor	Front Porch 20
Third Floor	Screen Porch
Basement	Cvd. Porch
	Deck 100
Total	1532 Total 585

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 1/250 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)

1532 SQ. FT. OF CRAWL SPACE/1500

1.02 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 3 VENTS AT 0.45 SQ. FT. NET FREE

VENTILATION EACH= 1.35 SQ. FT. OF VENTILATION

**FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS #05 & #06.

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 EAVE VENTS.

- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

2017 SQ. FT. OF ATTIC/300= 6.72

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

54.8 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 3/4 OR LESS



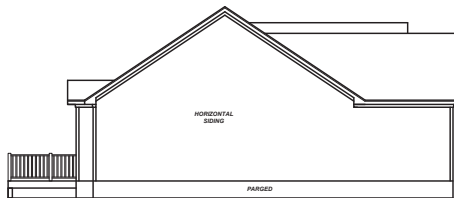
FRONT ELEVATION

1/4" = 1'-0"



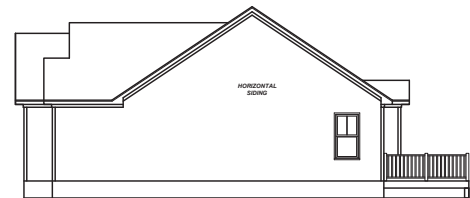
REAR ELEVATION

1/8" = 1'-0"



LEFT ELEVATION

1/8" = 1'-0"



RIGHT ELEVATION

1/8" = 1'-0"

Project	19-337
Date	7-3-23
Drawn/Checked	K&A
Scale	REFER TO ELEV.

REVISIONS		
No.	Date	Remarks

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



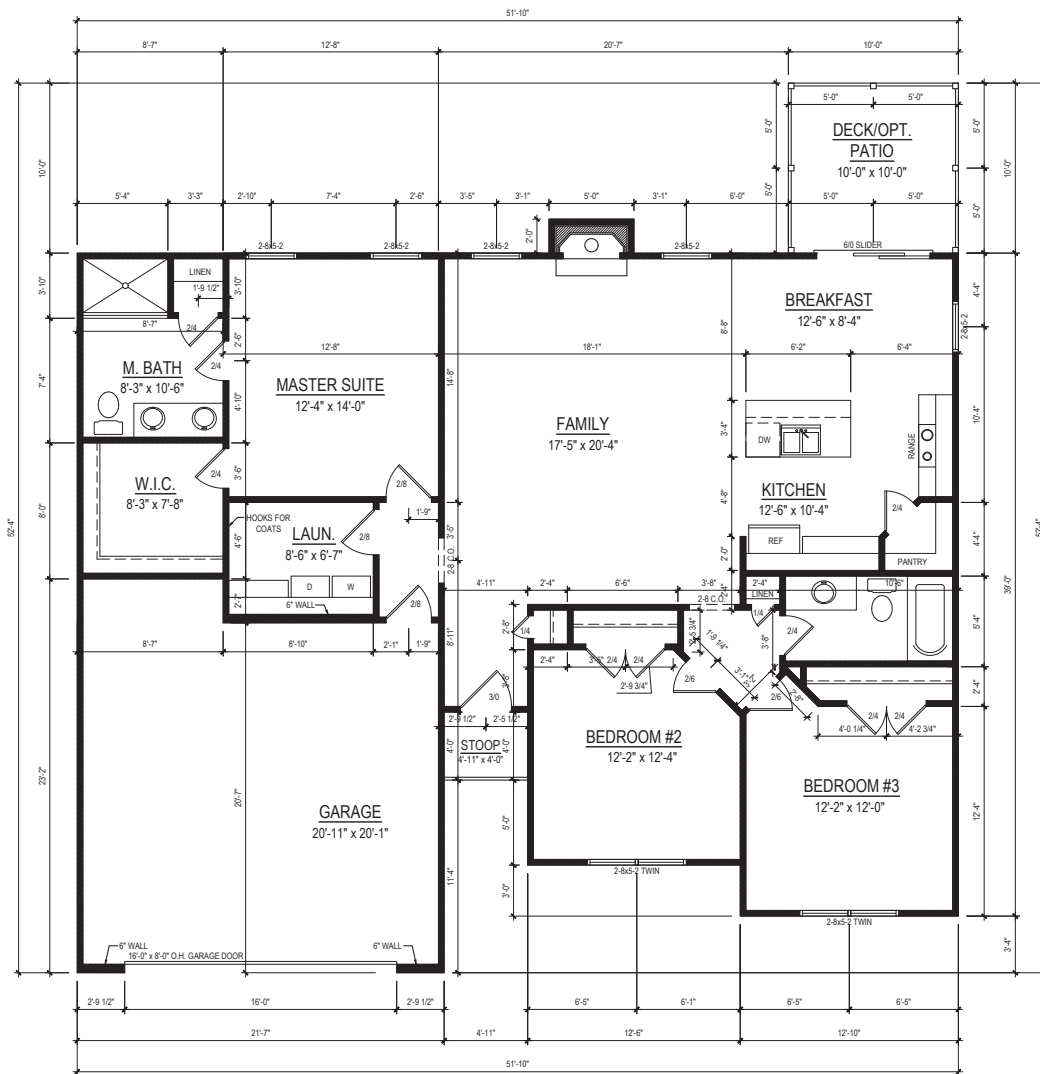
Email: Kent@KandAHomeDesigns.com Website: www.KandAHomeDesigns.com

Logan (GL)

Signature Home Builders INC.
1209 N Main Street
Lillington, NC 27546

ELEVATIONS

Sheet Number
1
of 2



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

Project	19-337
Date	7-3-23
Scale	1/4" = 1'-0"

REVISIONS	
No.	Remarks

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



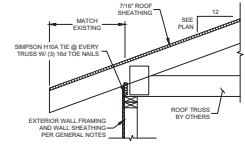
Email: Kent@KandAHomeDesigns.com Website: www.KandAHomeDesigns.com

Logan (GL)

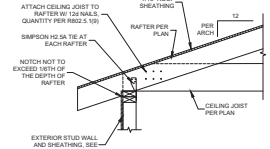
Signature Home Builders Inc.
 1209 N Main Street
 Lillington, NC 27546

ELEVATIONS

Sheet Number
2
 of 2



1 TYP. TRUSS AT PERIMETER WALL
SCALE: N.T.S.

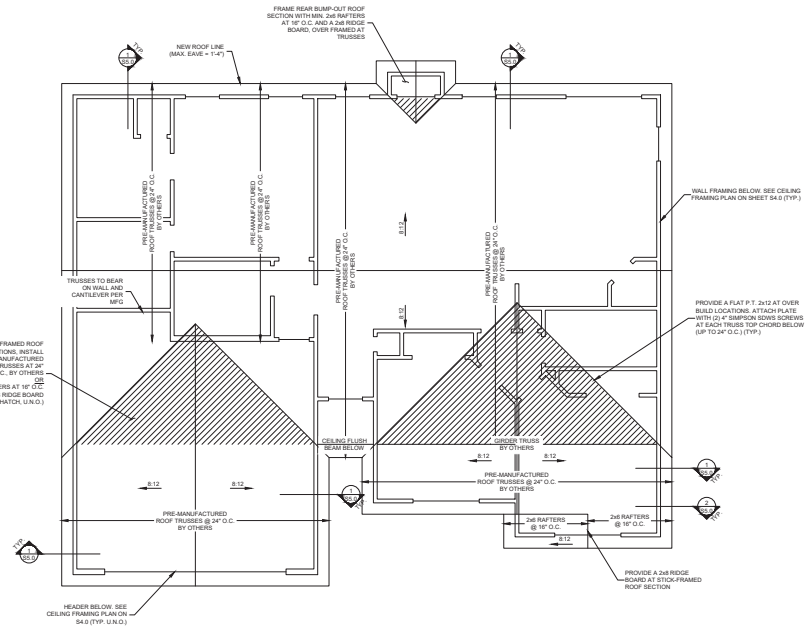


2 TYP. RAFTER CONNECTIONS
SCALE: N.T.S.

JACK STUD SCHEDULE (U.N.D.)

OPENING = 4'-0"	1
OPENING = 6'-0"	2
OPENING = 12'-0" OR L.V. BEAM	3

NOTE: PROVIDE KING STUDS AT NEW EXTERIOR OPENINGS PER 2018 NCBC/PC TABLE 1603.3(3). SUBMITTE 4\"/>



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



BUILT UP
ENGINEERS
7283 NC HWY 42 W. #100
LITTLETON, NC 27644
NC LICENSE NO. P-2684

LOGAN PLAN - GARAGE LEFT
STRUCTURAL PLANS
SIGNATURE HOME BUILDERS INC.
1209 N MAIN ST
LITTLETON, NC 27546

REVISIONS

NO.	DATE	DESCRIPTION
1	07/25/2023	FOR CONSTRUCTION

SCALE: AS SHOWN
REVIEWED BY: SRC
DRAWN BY: SRC
DATE: JULY 25, 2023

S5.0

