

HTE #: BRES2207-0067

HARNETT COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH  
307 CORNELIUS HARNETT BOULEVARD  
LILLINGTON, NC 27546

### EXISTING SEPTIC SYSTEM INSPECTION

Name: Feliciano Avilee Phone #: (919) 398-7326

Address: 5859 Christian Light Rd Fuquay Varina, NC 27526

Name of Mobile Home Park or S/D: \_\_\_\_\_

Name of Owner (if different): Same

Address of Owner (if different): Same

Property Location (State Road name and #): 5859 Christian Light Rd. (SR 1412)

Purpose of Inspection: 40'x29' 2-Bedroom Additon - Per approved and applied building plans home will remain only 2-bedrooms w/ Study/Craftroom rooms - Bedroom allocation is approved by Building Department


**The aforementioned site has been evaluated by the Harnett County Health Department Environmental Health Section. At the time of inspection, there appeared to be a septic system serving this site. If the system should malfunction, the owner is responsible for any necessary repairs.**

**THIS INSPECTION IS VOID IF:**

1. the intended use of the septic system should change, and/or
2. the system should fail or malfunction, and/or
3. the owner or tenant of the property change, and/or
4. after six months

**BUILDING MUST BE 5' FROM ANY PART OF SEPTIC SYSTEM  
DO NOT DRIVE OR PARK ON SEPTIC SYSTEM**

AUTHORIZATION OF EXISTING SYSTEM

  
\_\_\_\_\_  
Signature of Environmental Health Specialist

08/18/2022  
\_\_\_\_\_  
Date

BUILDER SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT TIME OF CONSTRUCTION.

ALL CONSTRUCTION SHALL CONFORM TO THE 2018 EDITION OF THE NC STATE BUILDING CODE. CODES GOVERN OVER DRAWINGS. DIMENSIONS GOVERN OVER SCALE.

VERIFY ALL MECHANICAL REQUIREMENTS BEFORE FRAMING.

VINCANNON DESIGNS DOES NOT ASSUME LIABILITY FOR ANY DEVIATION OF OR CONSTRUCTION METHODS OF THESE PLANS.

**BRICK WALL NOTES:**

- BRICK WALLS ARE REQUIRED PER SECTION 902.10.1 2018 NCRC RESIDENTIAL CODE.
- THE EXTERIOR WALL STRUCTURE SHALL BE CONTINUOUSLY SHEATHED, FULL HEIGHT WITH A MIN. THICKNESS 7/16" OSB. THESE WALLS SHALL BE CONSTRUCTED IN CONFORMANCE TO TYPE GS-WF BEAMS.
- WAYS OF DESIGN FOR INTERIOR BRICK WALLS IS LIG (LET IN BRICKING) METHOD AS DETAIL PER CODE VOLUME 1002.10.2.
- SPECIAL BRACING DETAILS ARE ILLUSTRATED IN THE CODE AND ALLOWED WHERE WALLS DO NOT MEET THE MINIMUM REQUIREMENTS FOR SUPPORT. REFER TO SOURCE OPENING, PENETRATION SCHEDULES.

**CRAIL SPACE VENTILATION (IN ADDITION TO EXISTING)**

PROVIDE AT LEAST 18 SQ. FT. NET FREE VENTILATION AREA FOR EACH 100 SQ. FT. OF CRAIL SPACE.

CRAIL SPACE AREA:  
 1) 1/2" x 4" x 48" S.P. REQ'D.  
 REDUCE REQUIRED AREA TO 18 SQ. FT. NET FREE VENTILATION AREA FOR EACH 100 SQ. FT. OF CRAIL 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.

FOUNDATION ANCHORAGE:  
 (2) 1" DIAMETER ANCHOR BOLTS W/ 1" EMBEDMENT AT 4'-0" O.C. AT PERIMETER MUDSILL OR CODE APPROVED ALTERNATE.  
 PROVIDE BOLT WITHIN 6" OF END OF EACH PIECE OF LUMBER.

COLD JOINT TO EXISTING FOOTING:  
 (2) #4 REBAR X 18" LONG AS DOBELS W/ EMBEDMENT IN EXISTING WALL FOOTING SET IN BENT.

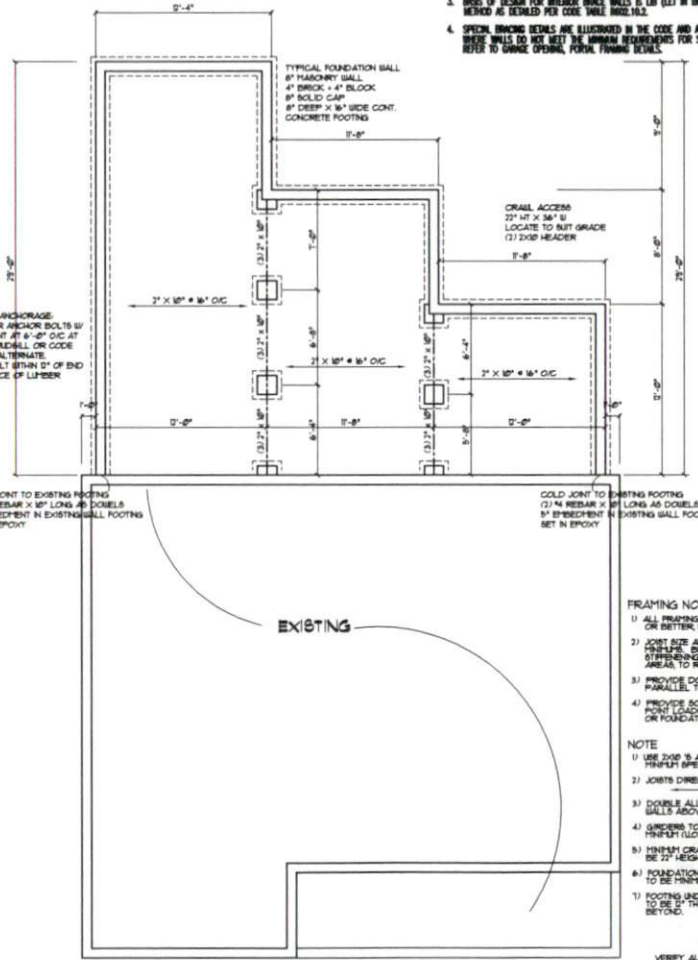
COLD JOINT TO EXISTING FOOTING:  
 (2) #4 REBAR X 18" LONG AS DOBELS W/ EMBEDMENT IN EXISTING WALL FOOTING SET IN BENT.

**FOUNDATION NOTES**

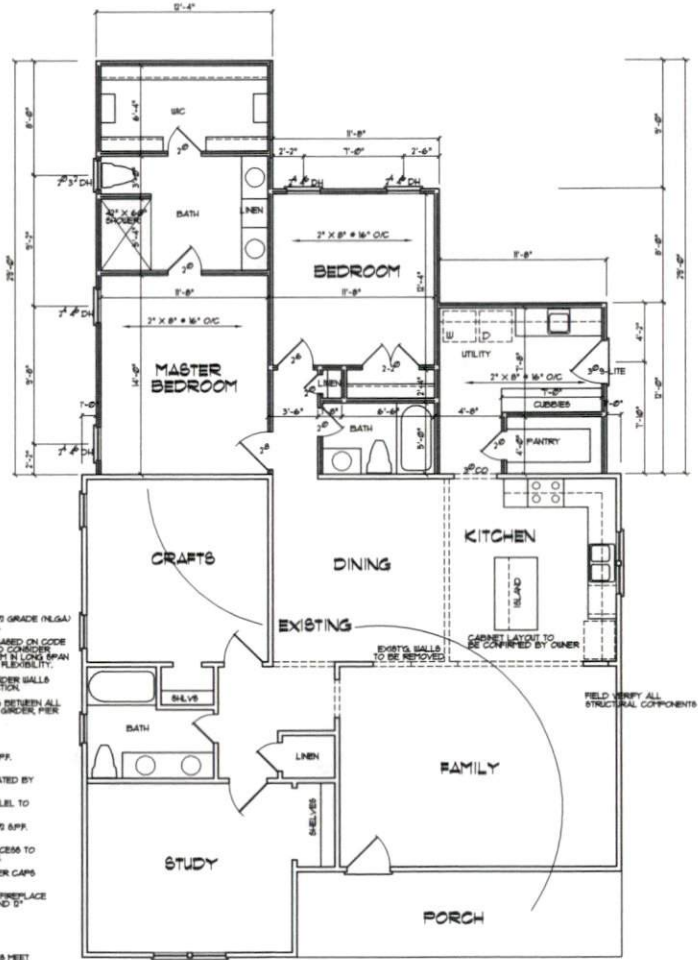
- SPECIFIC NOTES ON THE PLANS TAKE PRECEDENCE OVER THE FOLLOWING GENERAL NOTES. NOTES OF PRECEDENCE GOVERN OVER SCALE. PLAN ENGINEER AND CONTRACTOR ARE SOLELY RESPONSIBLE FOR CORRECTING ANY ACCURATE BUILDING CODE, VOL. VI WITH CURRENT REVISIONS.
- STRUCTURAL CONCRETE TO BE FC-3000S MIN. PREPARED AND PLACED IN ACCORDANCE WITH ACI STANDARD 318.
- FOOTINGS TO BEAR ON UNDISTURBED EARTH, A MIN. OF 12" BELOW ADJACENT FINISHED GRADE OR AS OTHERWISE DIRECTED BY THE LOCAL INSPECTOR.
- FOOTING SIZES BASED ON A PRESUMPTIVE SOIL BEARING CAPACITY OF 1000 PSF. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE SUITABILITY OF THE SITE SOIL CONDITIONS AT THE TIME OF CONSTRUCTION.
- FOOTINGS AND PIERS SHALL BE CENTERED UNDER THEIR RESPECTIVE ELEMENTS. PROVIDE 3" MIN. FOOTING PROJECTION FROM FACE OF MASONRY.
- MAXIMUM DEPTH OF UNBALANCED FILL AGAINST MASONRY WALLS TO BE AS SPECIFIED IN VOLUME VII, SECTION R-3043 OF THE NC STATE CODE.
- PIILLASTERS TO BE BONDED TO PERIMETER FOUNDATION WALL.
- PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.
- PROVIDE PERIMETER INSULATION WITH BASEMENT SLABS.
- CORNER FOUNDATION WALLS AS REQUIRED TO ACCOMMODATE BRICK VENEER.
- CRAIL SPACE TO BE GRADED LEVEL AND CLEAR OF ALL OBSTACLES.

ALLOWABLE PIER HEIGHTS		
SIZE	HOLLOW	SOLID
8"X8"	7'-0"	5'-0"
10"X10"	4'-0"	8'-0"
12"X12"	5'-4"	12'-0"
14"X14"	8'-0"	

FOOTINGS 36"X36"X36"-MINIMUM UNLESS NOTED OTHERWISE OTHERWISE



**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



**FRAMING NOTES**

- ALL FRAMING LUMBER MIN 12 GRADE (NLS) OR BETTER, UNLESS NOTED.
- JOIST SIZE AND SPACING BASED ON CODE JOISTLINE. BUILDERS SHOULD CONSIDER STRENGTHENING ALONG SYSTEMS IN LONG SPAN AREAS TO REDUCE FLOOR FLEXIBILITY.
- PROVIDE DOUBLE JOIST UNDER WALLS PARALLEL TO JOIST DIRECTION.
- PROVIDE SOLID BLOCKING BETWEEN ALL POINT LOADS AND TOP OF GARDER, PIER OR FOUNDATION WALL.

**NOTE**

- USE 200# 3" AT 18" O.C. R. S.P.P. MINIMUM SPECIFIED (UOJ).
- JOIST DIRECTION DESIGNATED BY
- DOBELS ALL JOIST PARALLEL TO WALLS ABOVE.
- GARDERS TO BE (3)200# 3" S.P.P. MINIMUM (UOJ).
- MINIMUM CRAIL SPACE ACCESS TO BE 22" HEIGHT X 36" WIDTH.
- FOUNDATION WALL AND PIER CAPS TO BE MINIMUM 8" SOLID.
- FOOTING UNDER MASONRY FINISHFACE TO BE 8" THICK AND EXTEND 6" BEYOND.

VERIFY ALL WINDOW SIZES MEET MINIMUM STANDARDS FOR LIGHT, VENTILATION AND EGRESS.

NEW WALLS  
 EXISTING WALLS  
 EXISTING WALLS TO BE REMOVED

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

EXISTING HEATED AREA: 106 SQ. FT.  
 PROPOSED HEATED AREA: 131 SQ. FT.  
 FRONT PORCH AREA: 136 SQ. FT.

**NOTE:**  
FIELD VERIFY ALL DIMENSIONS

Joe Ross Avilisz  
 5858 Christian Light Rd  
 Fuquay Varina, NC

**VINCANNON DESIGNS**  
 CUSTOM HOME PLANS  
 10047 VARRINA, NC • (919) 457-3734

DRAWN BY: URV  
 C-K-D BY: URV  
 DATE: 08/09/22  
 REVISIONS:

SHEET  
**A-2**