

# Harnett County Department of Public Health

## Operation Permit

PERMIT # SFD 2408-0123

New Installation  Septic Tank  Nitrification Line  Repair  Expansion

PROPERTY LOCATION: 95 Knoll Way

Name: (owner) SDH Raleigh SUBDIVISION Briarwood Bluff LOT # 5

System Installer: ATR

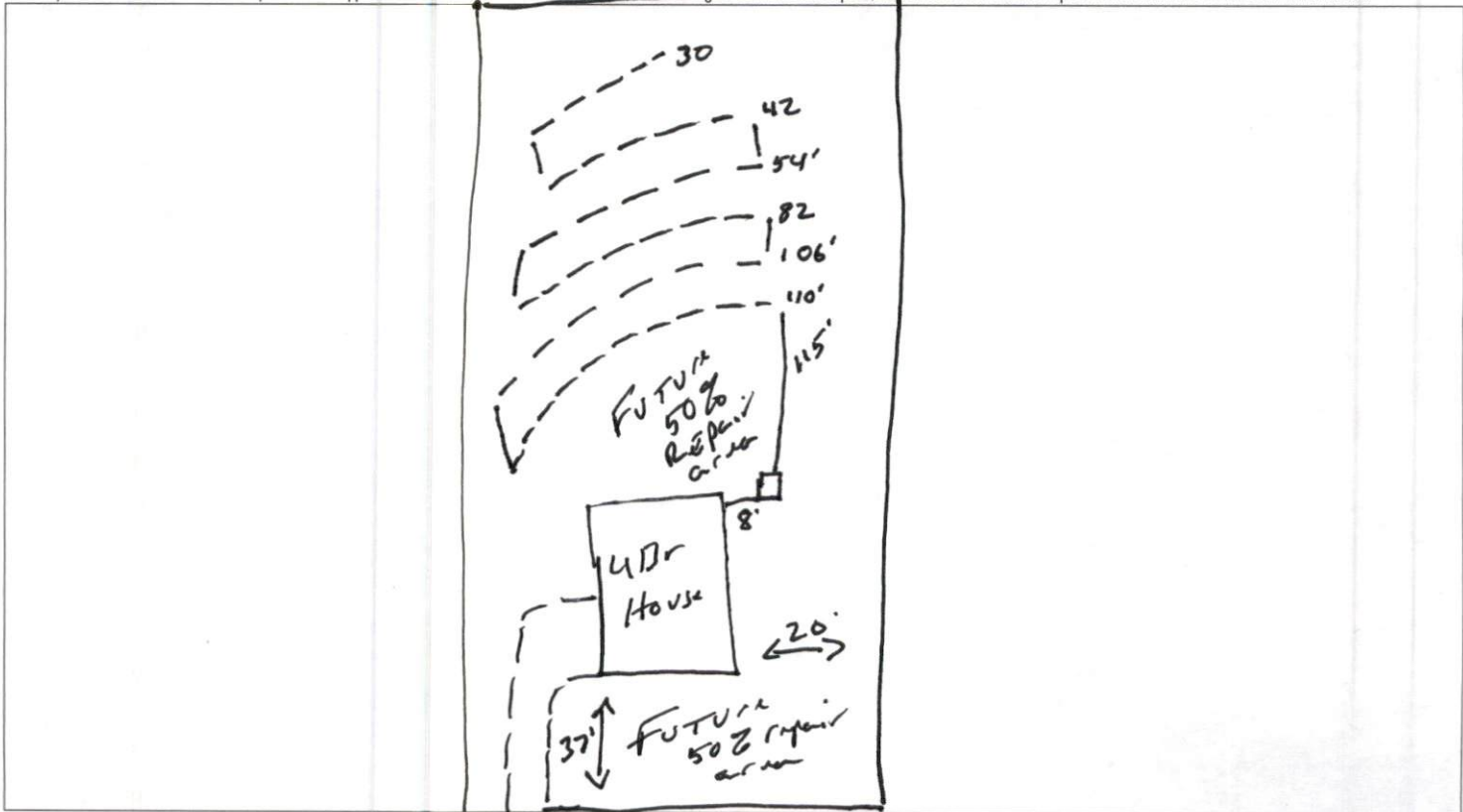
Basement with plumbing:  Garage  Number of Bedrooms 4 (8 people)

Type of Water Supply:  Community  Public  Well Distance from well \_\_\_\_\_ feet

System Type: TYPE III Types V and VI Systems expire in 5 years.

(In accordance with Table V a) Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



**PERMIT CONDITIONS:**

I. Performance: System shall perform in accordance with Rule .1961.

II. Monitoring: As required by Rule .1961.

III. Maintenance: As required by Rule .1961. Other: \_\_\_\_\_  
Subsurface system operator required? Yes  No

If yes, see attached sheet for additional operation conditions, maintenance and reporting.

IV. Operation: \_\_\_\_\_

V. Other: \_\_\_\_\_

D-Box  Pump  Alarm  H2O Line  PWR Line

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system:  Conventional  Other 25' INDUCTION IQ4 Septic Tank: 1000 gallons Pump Tank: \_\_\_\_\_ gallons

Subsurface No. of exact length width of depth of  
Drainage Field ditches 1 of each ditch 424 feet ditches 3 feet ditches 32 inches

French Drain Required: \_\_\_\_\_ Linear feet

Authorized State Agent Moh A. REH Date 12-31-24

# Briarwood Bluff Lot 5 "As Built"

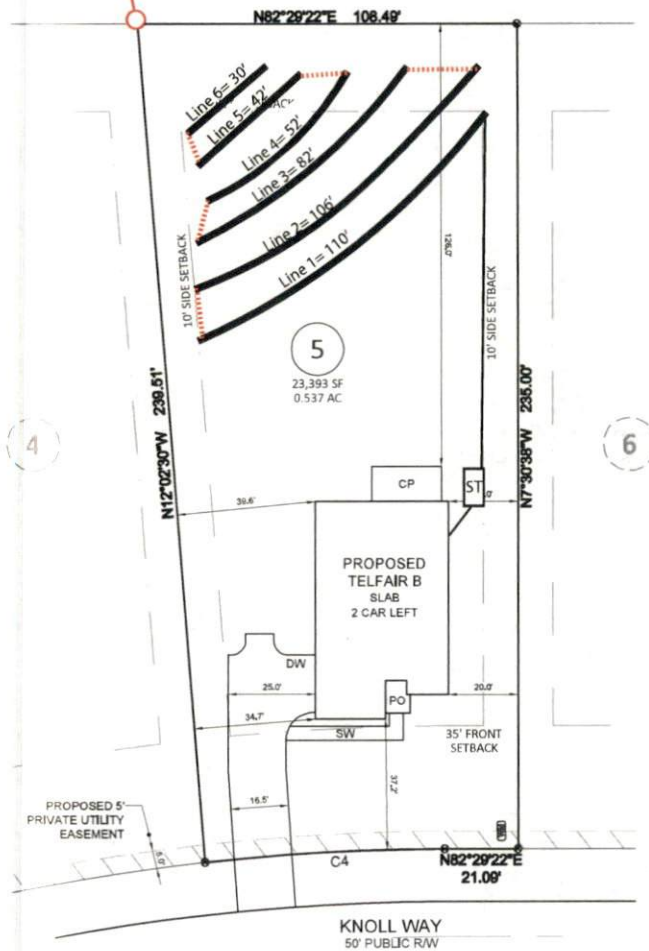
## LOT INFORMATION:

PIN: NOT AVAILABLE  
 REFERENCE: DB: 3922 PGS. 119-121  
 TOTAL LOT AREA = 0.537 AC = 23,393 SF  
 HOUSE = 2,206 SF  
 PORCH = 61 SF  
 SIDEWALK = 147 SF  
 DRIVEWAY = 1,148 SF  
 COVERED PATIO = 200 SF  
 PROPOSED IMPERVIOUS = 3,762 SF  
 PERCENT IMPERVIOUS = 16.08%

**BUILDING SETBACKS**  
 FRONT - 35'  
 SIDES - 10'  
 REAR - 25'  
 STREET SIDE - 20'

N/F  
 MCCORMICK FARMS  
 LTD PARTNERSHIP  
 PIN: 9588-94-5656.000

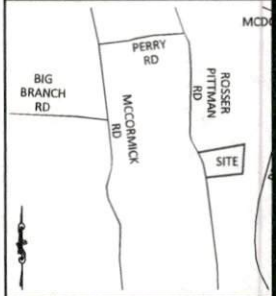
Benchmark = 100.0'



MAN CIVIL SURVEY CO., UNDER THE  
 L.S.  
 LAYOUT AND PERMITTING PURPOSES ONLY.  
 FROM EXISTING FIELD EVIDENCE, EXISTING  
 AND INFORMATION SUPPLIED TO THE  
 UNDISTANCES AND ALL BEARINGS ARE  
 INADINATE SYSTEM UNLESS OTHERWISE  
 AND SHOULD BE REVIEWED BY A LOCAL  
 ENCE WITH ANY APPLICABLE LAND  
 ENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS  
 TITLE BLOCK.  
 CE OF JURISDICTIONAL WETLANDS, FLOOD  
 MED BY THIS FIRM. ALL LINES SHOWN, IF  
 ED PLAT.  
 ION OR INDEPENDENT SEARCH FOR  
 NCES, RESTRICTIVE COVENANTS, OWNERSHIP  
 THAT AN ACCURATE AND CURRENT TITLE  
 DUGLAS HOMES  
 IANCE AVENUE  
 27539

TABLE	
CHD BEARING	CHORD
N79°20'40"E	68.58'

**Bateman Civil**  
 Engineers • S  
 2524 Pabaron Avenue, Apex, NC  
 www.batemancivilsurvey.com  
 NCBEL



- LEGEND**
- PO = COVERED FRONT PORCH
  - SP = SCREENED PORCH/PATIO
  - CP = COVERED PORCH/PATIO
  - WD = WOOD DECK
  - SW = SIDEWALK
  - DW = CONC DRIVEWAY
  - P = CONC PATIO
  - C = COMPUTED POINT
  - X = IRON NAIL FOUND
  - IPF = IRON PIPE FOUND (IPF)
  - IPS = IRON PIPE SET (IPS)
  - DHF = DRILL HOLE FOUND
  - WM = WATER METER
  - CO = CLEAN OUT
  - AC = AIR CONDITIONER
  - SM = SEWER MANHOLE
  - EB = ELECTRIC BOX
  - CB = CABLE BOX
  - TP = TELEPHONE PEDESTAL
  - CB = CATCH BASIN
  - IC = IRRIGATION CONTROLLER
  - LP = LIGHT POLE
  - UP = UTILITY POLE
  - FH = FIRE HYDRANT
  - DI = DRAIN INLET
  - WV = WATER VALVE
  - SS = STREET SIGN
  - YI = YARD INLET
  - GM = GAS METER
  - E = ELECTRIC METER
- I, STEVEN P. C  
 DRAWN UNDER  
 SURVEY MAPS  
 REFERENCED I  
 BOUNDARIES I  
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**PRELIMINARY PL**  
 FOR  
**SMITH DOUGLAS**  
**BRIARWOOD BLUF**  
 KNOLL WAY, SANFO  
 BARBECUE TOWNSHIP, HA  
 DATE: 8/7/24 DRAWN BY: CPV  
 REFERENCE: NOT RECORDED BCS# 24

**System Details**

Initial:  
 1200 gal septic tank  
 0.35 LTAR  
 Lines 1-6 (422')  
 Accepted - Gravity  
 Product - Quick 4  
 18" MTD  
 Repair:  
 1200 gal septic tank  
 1200 gal pump tank  
 0.35 LTAR  
 Lines 5-7 (275')  
 Accepted - Manifold  
 Product - Panel Block  
 18" MTD

**Elevation Table**

Benchmark = 100'

Line 1 = 99.7'
Line 2 = 99.5'
Line 3 = 98.5'
Line 4 = 98.3'
Line 5 = 97.9'
Line 6 = 98.7'
Line 7 = 98.3'
Line 8 = 98.0'
Line 9 = 97.8'
Line 10 = 97.4'
Line 11 = 96.9'
Line 12 = 96.4'
Line 13 = 96.2'

