

PERMIT # NA

Operation Permit

SN 1412

New Installation  Septic Tank  Nitrification Line  Repair  Expansion

PROPERTY LOCATION: 48 RAILS FARM LN. CHRISTIAN CT. RD

Name: (owner) KB HOMES CAROLINAS SUBDIVISION MASON POINTE LOT # 11

System Installer: THORNTONS PLUMBING Registration # \_\_\_\_\_

Basement with plumbing:  Garage  Number of Bedrooms 3

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

System Type: 25% REDUCTION STS. TTB 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.

NOTE: ORIGINAL INSTALL FAILED @ DUMP FINAL  
REVISED APPLICATION PROVIDED BY CENTRAL  
CAROLINA SOILS INITIAL + REPAIR  
INSTALLED W/ BOTH PASSING  
AT FINAL INSPECTION.

ORIGINAL INSTALL: 12/09/2020  
REPAIR INSTALL: 04/107/2021

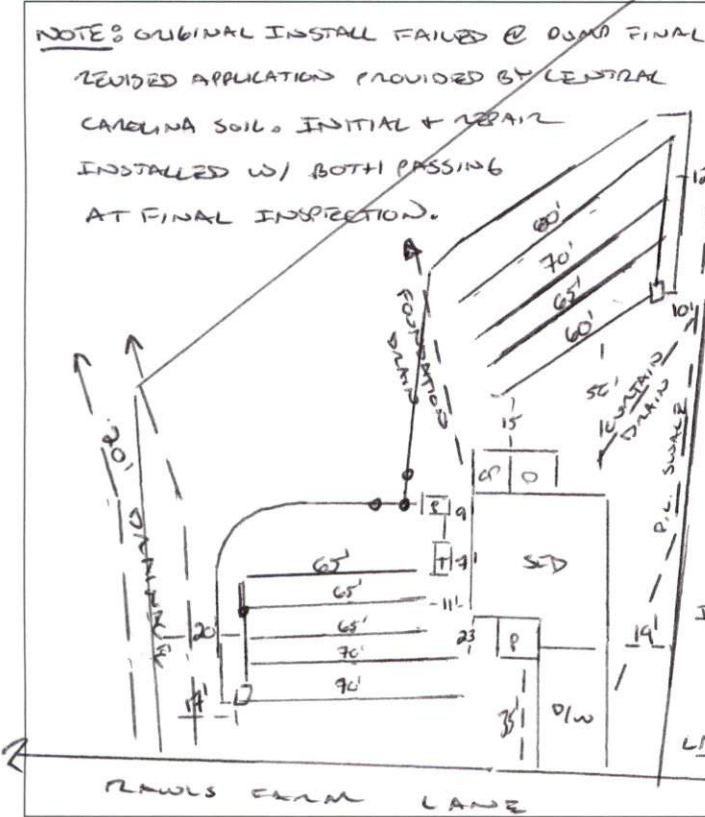
DUMP TO PRESSURE MANIFOLDS [SPCS ATTACHED]  
PROPOSAL BY CENTRAL CAROLINA SOIL CONSULTING

- 1) EXCAVATED MIDDLE OF INITIAL LINE 4 FOR POSSIBLE CRUSH. NO CRUSH FOUND
- 2) 65FT ADDED TO INITIAL STS. [LINE 5] W/ FLOW DIVIDER @ TRENCH [1 TAP, 2 LINES]
- 3) PRESSURE RATED TEE INSTALLED @ PUMP TANK W/ GATE VALVES TO INITIAL + REPAIR
- 4) FLOAT TEE RESET TO 1/2 STANDARD DOSE VOLUME [APPROX. 2.5-3.5 MIN MAX]

INSPECTION: FLOAT TEE CYCLED FOUR [4] TIMES W/O SURFACING [04/08/2021]. TWICE [2] W/ BOTH STS. OPEN AND ONCE [1] EACH ON INDIVIDUAL SEPTIC SYSTEMS

LANDSCAPING & LANDSCAPING REQUIREMENTS COMPLETE

BY EDGE ENVIRONMENTAL INC. [STEVE GOOD]  
FOUNDATION BEAMS MOVED OUT AND PIPED TO WET AREA DOWNHILL. GUTTERS PIPED TO DRAIN. SWALE CUT ALONG RIGHT P.L. W/ CURBAIN DRAIN INSTALLED FROM HOME TO SWALE.



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: FAILED ORIGINAL FINAL: DEVELOPER HAD NOT PLACED DESIGNED DITCH AT ROAD. ARTIFICIAL DRAINAGE HAD DIRECTED ONTO PROPERTY FOR 21.5 YRS DURING DEVELOPMENT. EXTENSIVE TIME AND LANDSCAPING TAKEN TO DLY.

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 EE FLOW TTB Septic Tank: 1000 gallons Pump Tank: 1000 gallons  
Subsurface No. of exact length width of depth of  
Drainage Field ditches 9 of each ditch 65-80 feet ditches 3 feet ditches 20 inches  
French Drain Required: \_\_\_\_\_ Linear feet

Authorized State Agent [Signature] Date 04/08/2021