

HTE# REPAIR  
11-5-26036

Harnett County Department of Public Health  
**Improvement Permit**

26475

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KS BANK INC PROPERTY LOCATION: BAILEYS CROSSROADS  
NEW ☐ REPAIR ☒ EXPANSION ☐ SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
Type of Structure: SFD w/ DETACHED GARAGE Site Improvements required prior to Construction Authorization Issuance: \_\_\_\_\_  
Proposed Wastewater System Type: CONVENTIONAL  
Projected Daily Flow: 480 GPD  
Number of bedrooms: 4 Number of Occupants: 8 max  
Basement ☐ Yes ☒ No  
Pump Required: ☐ Yes ☒ No ☐ May be required based on final location and elevations of facilities  
Type of Water Supply: ☐ Community ☒ Public ☐ Well Distance from well 100 feet Permit valid for: ☒ Five years  
Permit conditions: \_\_\_\_\_ ☐ No expiration

Authorized State Agent: [Signature] Date: 2/28/11 SEE ATTACHED SITE SKETCH  
The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

**Construction Authorization**

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: KS BANK INC PROPERTY LOCATION: BAILEYS CROSSROADS  
SUBDIVISION \_\_\_\_\_ LOT # \_\_\_\_\_  
Facility Type: SFD w/ DETACHED GARAGE ☐ New ☐ Expansion ☒ Repair  
Basement? ☐ Yes ☒ No Basement Fixtures? ☐ Yes ☒ No  
Type of Wastewater System\*\* \_\_\_\_\_ (Initial) Wastewater Flow: 480 GPD  
(See note below, if applicable ☐) CONVENTIONAL (Repair)

**Installation Requirements/Conditions**

Septic Tank Size 1200 gallons  
Pump Tank Size \_\_\_\_\_ gallons

Number of trenches 4  
Exact length of each trench 100 feet  
Trenches shall be installed on contour at a  
Maximum Trench Depth of: 20-24 inches  
(Trench bottoms shall be level to +/-1/4"  
in all directions)

Trench Spacing: 9 Feet on Center  
Soil Cover: 8-12 inches  
(Maximum soil cover shall not exceed  
36" above the trench bottom)

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM

Aggregate Depth: 6 inches below pipe  
2 inches above pipe  
12 inches total

Conditions: INSTALLER TO MEET HEALTH DEPARTMENT ON SITE  
PRIOR TO INSTALLATION. SEE CONDITIONS ON SITE SKETCH INCLUDING BLIND DRAIN  
REQUIREMENTS  
WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.  
NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.

\*\*If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

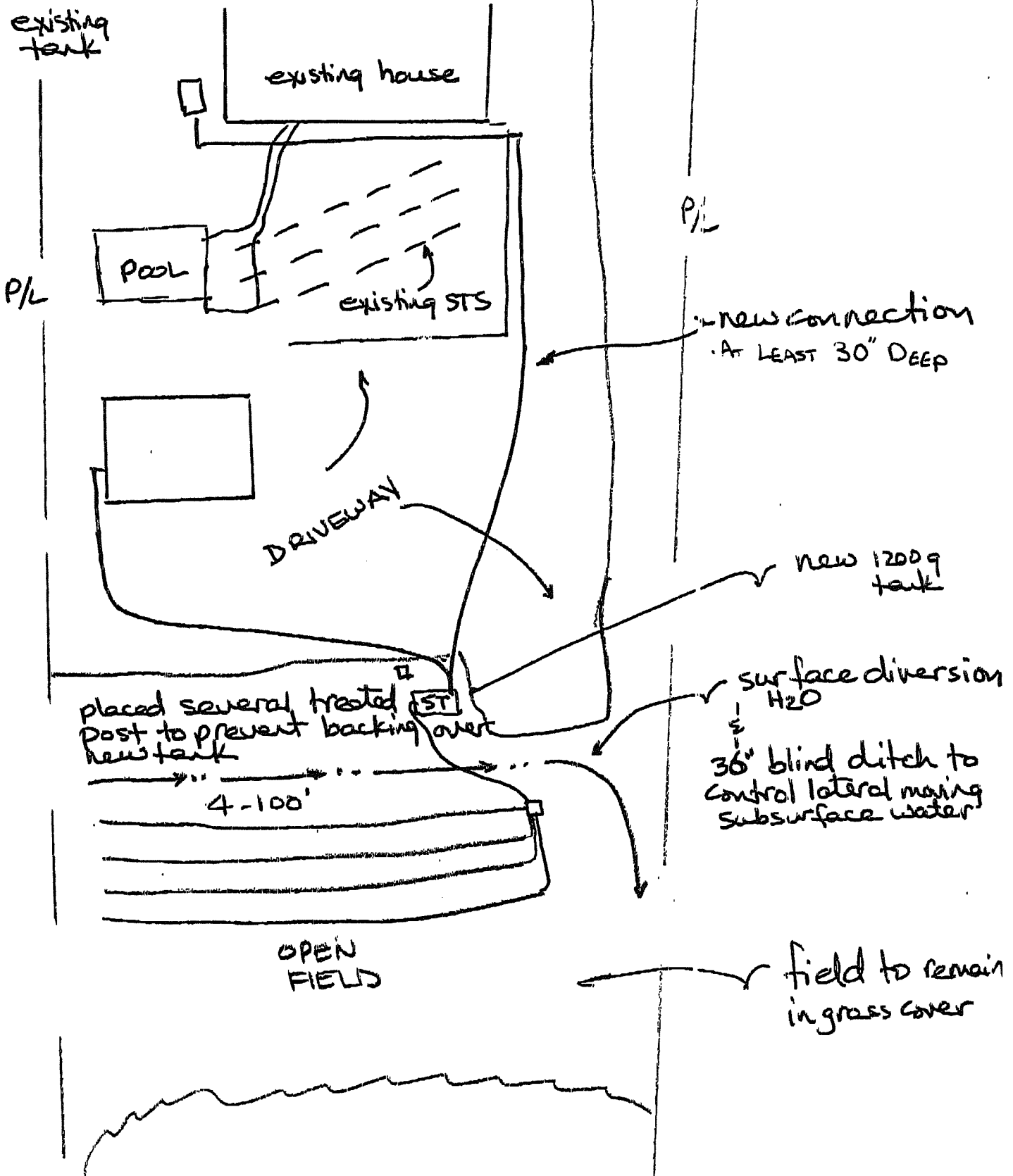
This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

SEE ATTACHED SITE SKETCH

Authorized State Agent: [Signature] Date: 2/28/11  
Construction Authorization Expiration Date: 2/28/16

Repair- <sup>ET</sup> 11-5-26036

NOT TO SCALE



Repair

11-5-26036 -ET

Neal C. Floyd &amp; Associates, Inc.

2/28/2011

Brian McSwain  
Harnett Co. Env. HealthRE: 2400 Baileys Crossroads  
Repair and upgrade of system to 4 bedroom

Brian

I'm enclosing a proposed repair proposal for 2400 Baileys Crossroads based on our field review on Friday. The initial drainfield has been compromised and has a illegal connection as observed. I recommend the system be upgraded to a 480gpd gravity, gravel conventional including a new 1200g septic tank. The new area is below the driveway in an open field beyond the house, detached garage, and grading for the area. The soil area is characterized as having a 12 to 18 inch sandy loam Ap underlain by a sandy loam E which transitions into a sandy clay loam Bt between 24 to 36 inches. The overall LTAR is 0.4 gpd / ft<sup>2</sup> with corresponding trench depths of 20 to 24 inches. I have included several additions on my site plan to insure reduced damage to the existing system and improvements for the repair.

If you have any questions please call me.

Sincerely  
Neal C. FloydNeal Floyd  
Soil Scientist

6621 Arbor Grande Way / RALEIGH, NORTH CAROLINA 27615-10919-422-0945

