

HTE# 18-5-44224

Harnett County Department of Public Health

30076

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: So. Mark Properties PROPERTY LOCATION: 3257 Baileys Crossroads Rd. (521581)
 SUBDIVISION _____ LOT # 4
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____
 Type of Structure: 3BR 49'x42' SFD
 Proposed Wastewater System Type: 25% Reduction Sys.
 Projected Daily Flow: 360 GPD
 Number of bedrooms: 3 Number of Occupants: 6 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 NA feet Permit valid for: Five years
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 06/21/2018 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: So. Mark Properties PROPERTY LOCATION: 3257 Baileys Crossroads Rd. (521581)
 SUBDIVISION _____ LOT # 4
 Facility Type: 3BR 49'x42' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable
25% reduction system (Repair)
 Installation Requirements/Conditions
 Number of trenches 3
 Septic Tank Size 1000 gallons Exact length of each trench 80 feet Trench Spacing: 9 Feet on Center
 Pump Tank Size _____ gallons Trenches shall be installed on contour at a Soil Cover: 18 inches
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed 36" above the trench bottom)
 (Trench bottoms shall be level to +/-1/4" in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
 Conditions: On Contour D-Box Equal Distribution Required NA inches total

**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: 06/21/2018
ANDREW CURRAN Construction Authorization Expiration Date: 06/21/2023

HTE# 18-S-44224

Permit # 30076

Harnett County Department of Public Health Site Sketch

ISSUED TO: S-Mark Properties PROPERTY LOCATOR: 3257 Bailey's Crossroads rd. (sr 1581)
SUBDIVISION _____ LOT # 4

Authorized State Agent: [Signature] Date: 06/21/2018



*ON CONTOUR
D-BOX EQUAL
DISTRIBUTION
REQUIRED

*24 IN TRENCH
DEPTH MAX

BAILEY'S CROSSROADS ROAD (SR 1581)

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: S. Mark Properties
 Address: 3257 Emily's Xrds Date Evaluated: 06/20/18
 Proposed Facility: 332 SFS Design Flow (.1949): 360 GPD Property Size: 0.85 AC
 Location of Site: Property Recorded: YES
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1,5	L 4-6%	0-24	CL LS	VFL N50W 25g					
		24-44	BK SLL	FR 55W 25g					PS
		44+	Percent Mat	—		44			0.4
2,3	L 4-6%	0-28	CL LS	VFL N50W 25g					PS
		28-48	BK SLL	FR 55W 25g		48			0.4
4	L 4-6%	0-14	CL LS	VFL N50W 25g					PS
		14-36	BK SLL	FR 55W 25g					PS
		36+	Percent Mat	—		36			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948): <u>Provisionally Suitable</u>
System Type(s)	<u>250 Ld</u>	<u>250 Ld</u>	Evaluated By: <u>Andrew Corbin/REHS</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present:

3 208 w/ 2475 N