

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: SanLee Environmental, LLC PROPERTY LOCATION: SR-1111 MARKS RD
 SUBDIVISION: MARKS ROAD LOT # 1
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: SFD
 Proposed Wastewater System Type: 25% REDUCTION (Accepted)
 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 _____ feet Permit valid for: Five years
 No expiration
 Permit conditions: LSS OPTION

Authorized State Agent: James E. Markant Date: 3-2-22 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: SanLee Environmental LLC PROPERTY LOCATION: SR-1111 MARKS RD
 SUBDIVISION: MARKS ROAD LOT # 1
 Facility Type: SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% REDUCTIONS (Accepted) Infiltration Over-4 (Initial) Wastewater Flow: 480 GPD
 (See note below, if applicable 25% REDUCTIONS (Accepted) Infiltration Over-4 (Repair))
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 1
 Pump Tank Size _____ gallons Exact length of each trench 200 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6 inches
 Maximum Trench Depth of: 30" inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +1-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: 6 inches below pipe
2 inches above pipe
 Conditions: (LSS OPTION) Follow Layout Provided 12 inches total
By LSS

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: James E. Markant Date: 3-2-22
 Construction Authorization Expiration Date: 3-2-27

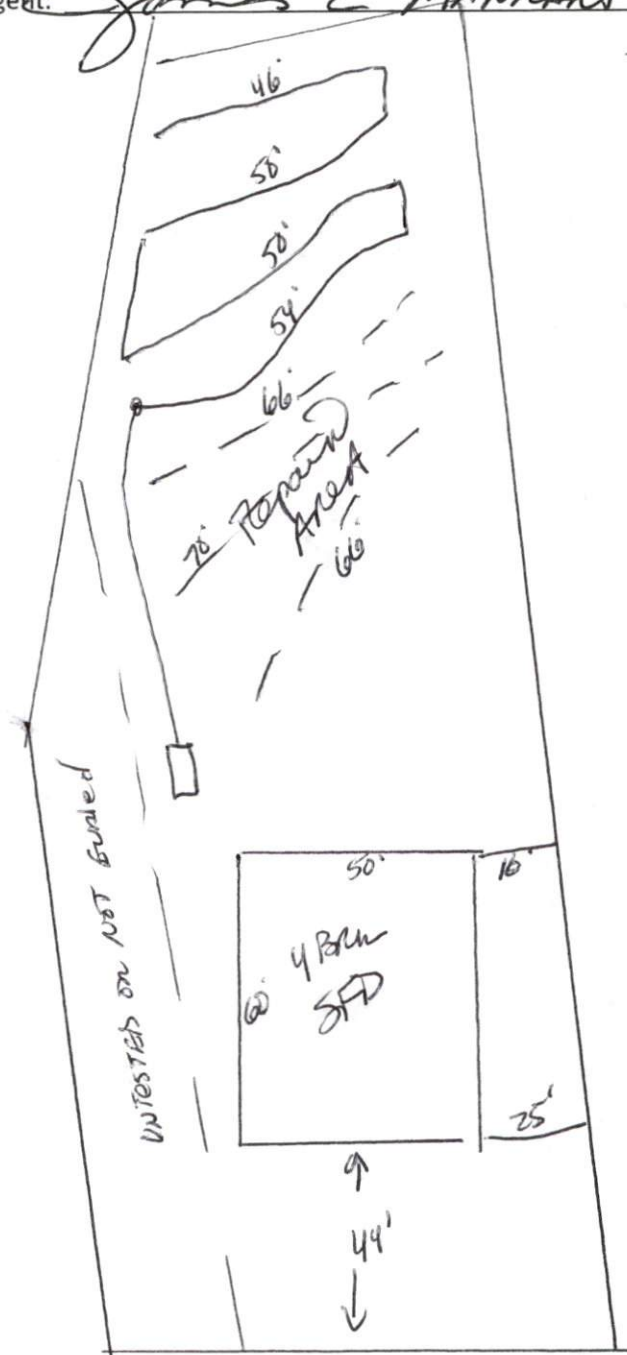
Application # SFD 2202-0049

Harnett County Department of Public Health Site Sketch

Property Location: SR 1111 MARKS RD

Issued To: Smilee Environmental LLC Subdivision MARKS RD Lot # 1

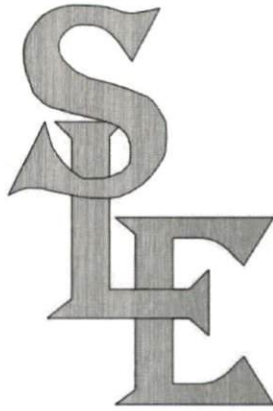
Authorized State Agent: James E. Manhart LEP 7845 Date: 3-2-22



* Follow EXACT DIMENSIONS
of LSS layout
for installation.

SR 1111 Marks RD

This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.



SL2018-114
Submission Package

Marks Road
Lot 1
Cameron, NC
Harnett County

Prepared For: Carlos Llamas, Owner
Prepared By: Sloan Griffin, SanLee Environmental, LLC
Report Date: January 2, 2022

“The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 11.(c).”

Sloan Griffin, Legal Representative

“This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 section 11.(c).”

Sloan Griffin, LSS #1333

SanLee Environmental, LLC

Project: Marks Road Subdivision - Lot 1 Date: 1/2/2022

Address: TBD Marks Road, Cameron, NC

County: Harnett PIN# TBD Water Source: Public

of Bedrooms: 4 Design Daily Flow: 480 Waste Strength: Domestic

Initial System

LTAR: 0.6 Trench Width: 3 Trench Depth: 30"

Min. ft of Drainfield: 267 Adjusted ft of Drainfield: 200

Septic Tank Size: 1000 Gallons Pump Tank Size: NA Gallons

Distribution Method: Serial Specified Product: Infiltrator Quick4 Plus Standard

Pretreatment Required? No Amount of Soil Cover Required NA

Notes

- 1) Stub plumbing out shallow, else a pump system may be required
- 2) Maintain all applicable setbacks to septic system components
- 3) Property Lines/corners shall be clearly marked prior to system installation
- 4) Owner is responsible for maintaining flagging identifying approved soil area and component location
- 5) Unapproved grading, filling, or compaction of approved soil may result in permit revocation
- 6) Keep construction materials and equipment off of approved soils area during all phases of construction

Repair System

LTAR: 0.6 Trench Width: 3 Trench Depth: 29"

Min. ft of Drainfield: 267 Adjusted ft of Drainfield: 200

Septic Tank Size: 1000 Gallons Pump Tank Size: 1000 Gallons

Distribution Method: Serial Specified Product: Infiltrator Quick4 Plus Standard

Pretreatment Required? No Amount of Soil Cover Required NA

Notes

- 1) A pump system may not be necessary if gravity fall can be maintained

SanLee Environmental, LLC

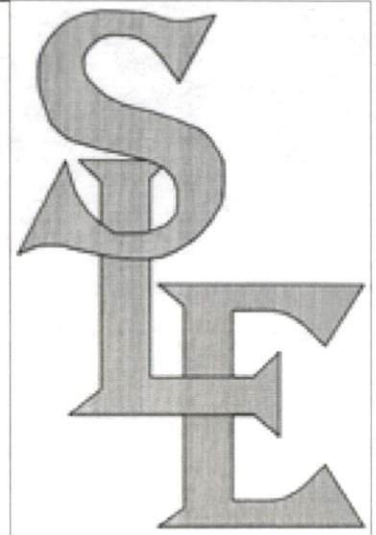
Project: Marks Road Subdivision - Lot 1 Date: 12/20/2021

Address: TBD Marks Road, Cameron, NC

County: Harnett PIN# TBD Water Source: Public

Layout

Line #	Flag Color	Elevation	Line Length	Primary System	Repair System
Septic Tank					
Line 1	Red		72		66
Line 2	Pink		74		70
Line 3	Purple		69		66
Line 4	Yellow		70	54	
Line 5	White		68	50	
Line 6	Green		56	50	
Line 7	Red		49	46	
			458	200	202



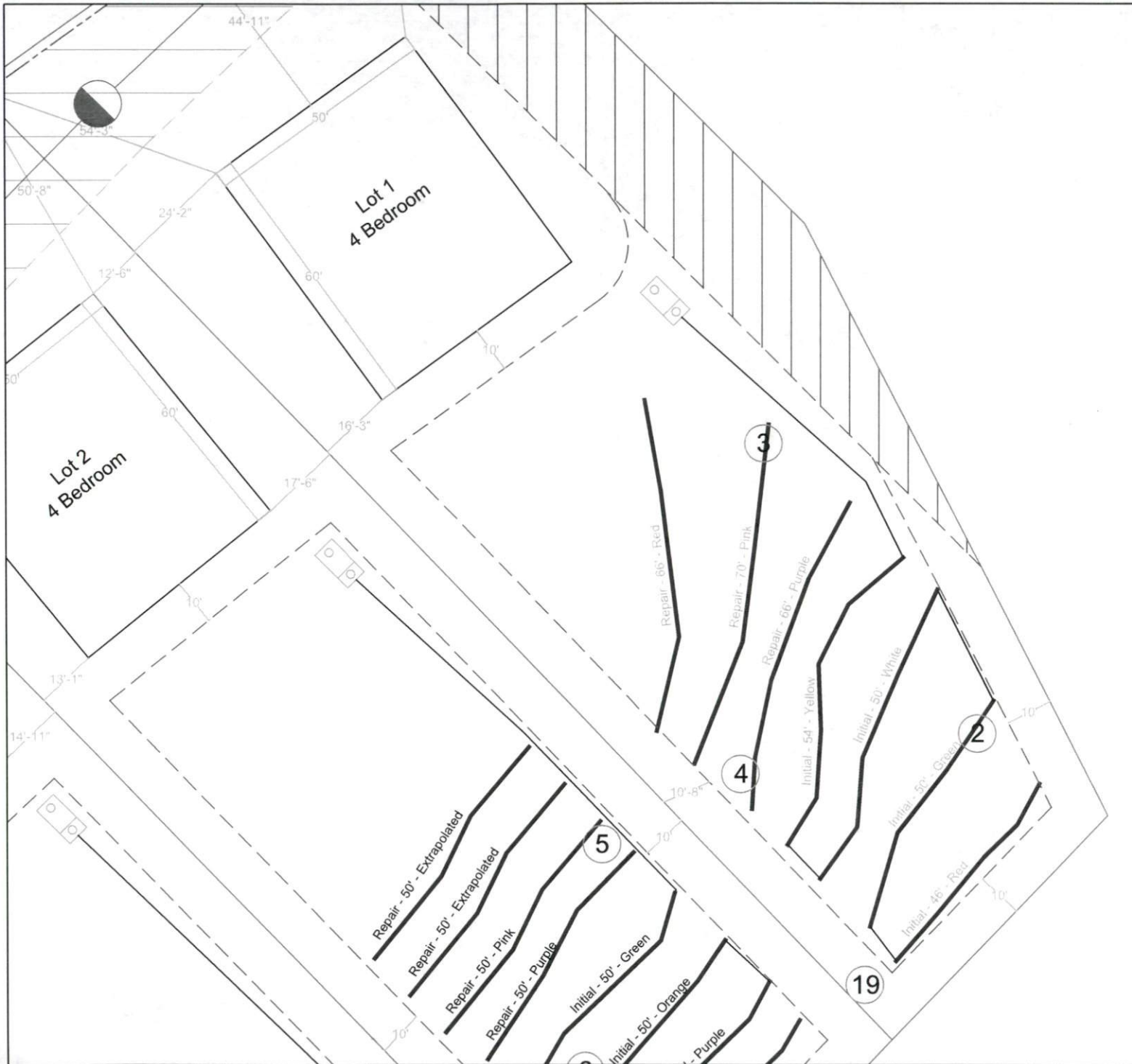
SanLee
Environmental, LLC
919-842-6263

Project:
Marks Road
Subdivision
Lot 1

Date:
December 21, 2021

Drawn By:
Sloan Griffin

1" = 30'



Soil Notes

Name	Horizon 1	Horizon 2	Horizon 3	Horizon 4
WPT 19	0-14 l gr fr nsnp sexp	14-37 sl gr fr nsnp sexp	37-48 scl wsbk fr sssp sexp	
WPT 18	0-8 l gr fr nsnp sexp	8-48 sl gr fr nsnp sexp		
WPT 17	0-7 sl gr fr nsnp sexp	7-48 LS gr fr nsnp sexp		
WPT 16	0-14 l gr fr nsnp sexp	14-48 sl gr fr nsnp sexp		
WPT 15	0-11 l gr fr nsnp sexp	11-48 sl gr fr nsnp sexp		
WPT 14	0-10 l gr fr nsnp sexp	10-48 sl gr fr nsnp sexp		
WPT 13	0-13 l gr fr nsnp sexp	13-48 sl gr fr nsnp sexp		
WPT 12	0-9 l gr fr nsnp sexp	9-48 LS gr vfr nsnp sexp		
WPT 10	0-6 l gr fr nsnp sexp	6-48 sl gr fr nsnp sexp		
WPT 9	0-11 l gr fr nsnp sexp	11-35 LS gr fr nsnp sexp	35-48 sl gr fr nsnp sexp	
WPT 8	0-12 l gr fr nsnp sexp	12-48 sl gr fr nsnp sexp		
WPT 7	0-13 l gr fr nsnp sexp	13-48 sl gr fr nsnp sexp		
WPT 6	0-8 l gr fr nsnp sexp	8-44 sl gr fr nsnp sexp	44-48 scl wsbk fr sssp sexp	
WPT 5	0-9 l gr fr nsnp sexp	9-48 sl gr fr nsnp sexp		
WPT 4	0-8 l gr fr nsnp sexp	8-48 sl gr fr nsnp sexp		
WPT 3	0-9 l gr fr nsnp sexp	9-41 sl gr fr nsnp sexp	41-48 scl wsbk fr sssp sexp	
WPT 2	0-12 l gr fr nsnp sexp	12-48 sl gr fr nsnp sexp		
WPT 1	0-13 l gr fr nsnp sexp	13-48 sl gr fr nsnp sexp		

Name	LTAR	Restrictive Layer	Slope	Soil Depth
WPT 19	0.6		3	48
WPT 18	0.7		3	48
WPT 17	0.8		3	48
WPT 16	0.7		3	48
WPT 15	0.7		3	48
WPT 14	0.7		3	48
WPT 13	0.7		3	48
WPT 12	0.8		3	48
WPT 10	0.7		2	48
WPT 9	0.7		2	48
WPT 8	0.7		2	48
WPT 7	0.7		3	48
WPT 6	0.6		3	48
WPT 5	0.7		3	48
WPT 4	0.7		3	48
WPT 3	0.7		2	41
WPT 2	0.7		3	48
WPT 1	0.6		4	48