

***SL2018-114***  
***Submission Package***

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Marks Road  
Lot 5  
Cameron, NC  
Harnett County

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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).”

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Sloan Griffin, Legal Representative

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

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Sloan Griffin, LSS #1333

# SanLee Environmental, LLC

Project: Marks Road Subdivision - Lot 5 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 identifyinh 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: 30"

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

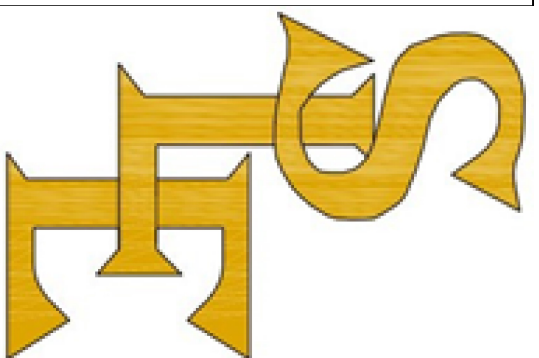
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Project: Marks Road Subdivision - Lot 5 Date: 1/2/2022

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      | Blue       |           | 97          | 42             |               |
| Line 2      | Red        |           | 108         | 66             |               |
| Line 3      | Orange     |           | 96          | 94             |               |
| Line 4      | Green      |           | 95          |                | 94            |
| Line 5      | Purple     |           | 63          |                | 62            |
| Line 6      | Yellow     |           | 49          |                | 46            |
|             |            |           | <b>508</b>  | <b>202</b>     | <b>202</b>    |



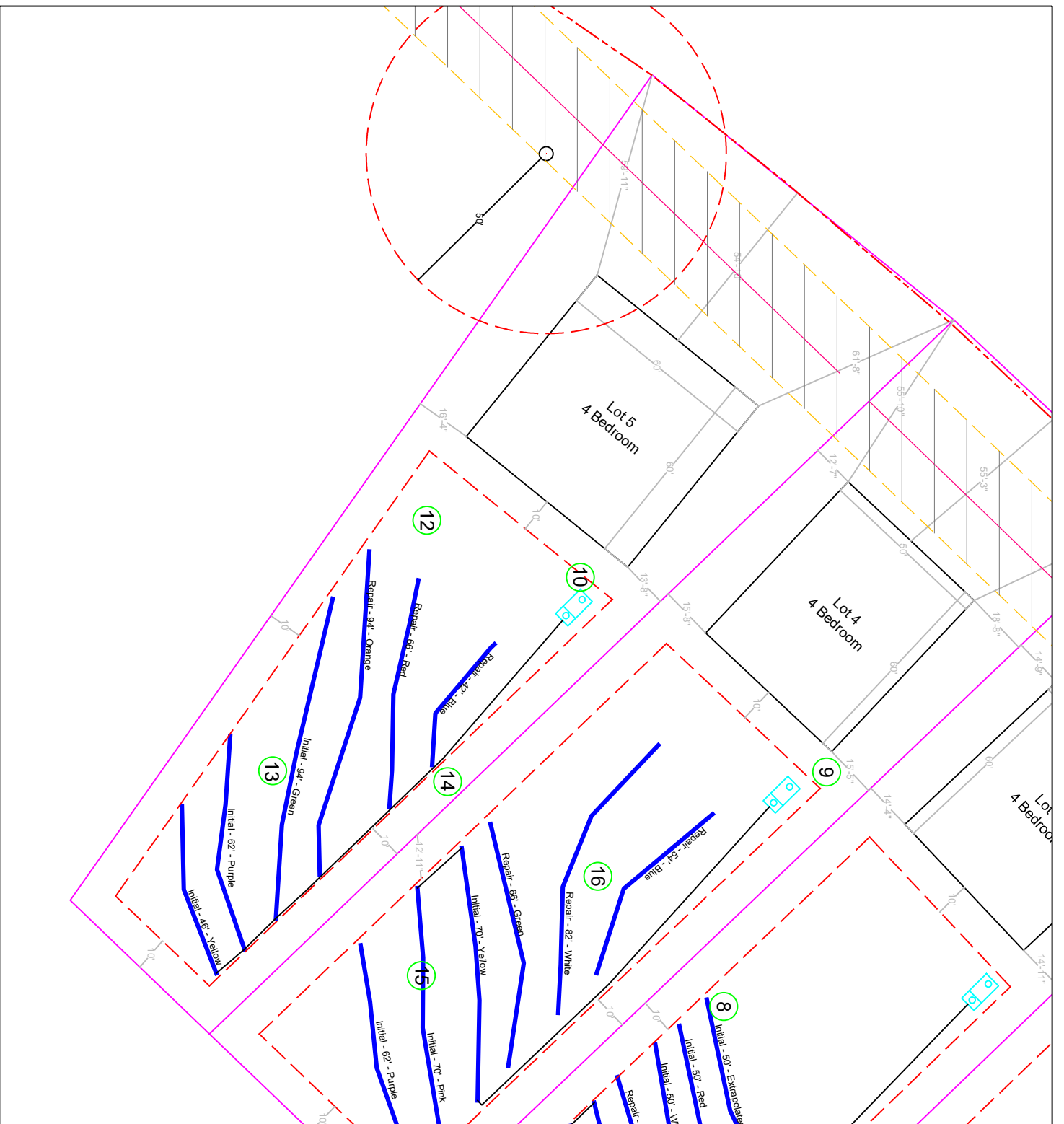
SanLee  
Environmental, LLC  
919-842-6263

Project:  
Marks Road  
Subdivision  
Lot 5

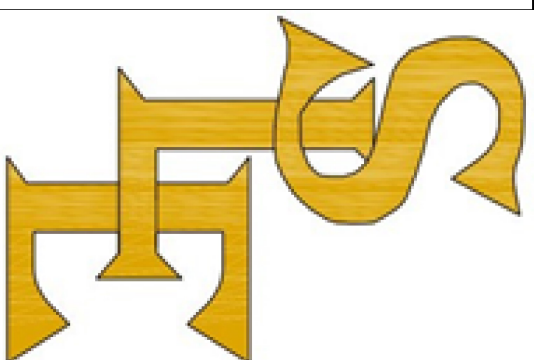
Date:  
December 21, 2021

Drawn By:  
Sloan Griffin

1" = 40'







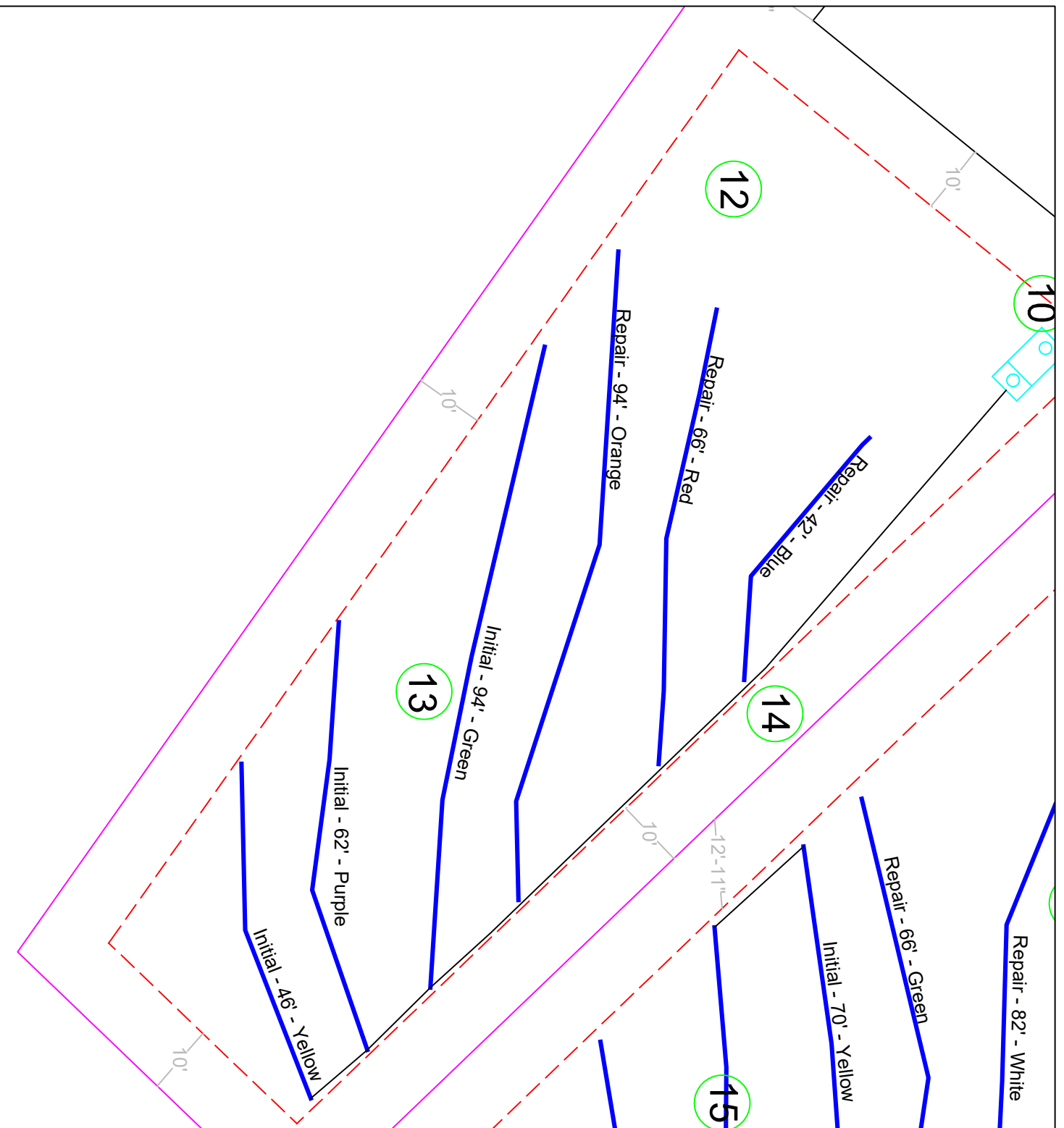
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Project:  
Marks Road  
Subdivision  
Lot 5

Date:  
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Drawn By:  
Sloan Griffin

1" = 20'



## 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         |