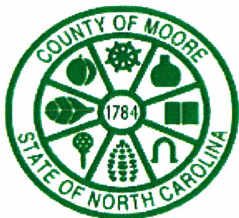


Permit # 56158 LRK# 00052401
Property Address: 46 S. Shamrock Drive, Jackson Springs, N.C.

Page 1 of 7
Number of Bedrooms: 3



Moore County Health Department

Environmental Health Section
PO Box 279, Carthage, NC 28327
Phone: 910-947-6283 Fax: 910-947-5127

Improvement Permit

Owner: Raeform Development Co. Phone # 910-888 8899
Directions To Property: Hwy 211 to Hoffman Rd. then take a right on Richmond Rd, then a left on South Shamrock then property will be on the right just after Pincrest Lane
Design Flow Units: 3 Bdrms. GPD per Unit: 120 Total Daily Design Flow: 360 gpd
Waste Strength: Domestic Number of Occupants: 6 Max. Water Supply: Public
Tri-Party Agreement? Yes: No: X Easements Required: Yes: No: X

Initial System

Septic Tank Size: 1000 gal Pump Tank Size: 1000 gal Max Trench Depth: 8 in
LTAR: 0.8 Total Trench Length: 150 ft Trench Width: 3 ft
Media Depth: 8 in System Type: Low Profile Chamber Distribution Method: Serial

Repair System(NOT REQUIRED)

Septic Tank Size: gal Pump Tank Size: gal Max Trench Depth: in
LTAR: Total Trench Length: ft Trench Width: ft
Media Depth: in System Type: DRIP IRRIGATION Distribution Method:

Permit Conditions:

- Distance to Water Supplies: Wells, Springs, Etc.: >50' Lakes, Streams, Etc.: >50'
Water Lines: >10' Interceptor/Storm Drains: 10'/15'
- Any underground utilities, irrigation components, accessory structures, or pools shall not be installed within the septic system area or septic repair area.
- Maintain all applicable setbacks to septic system components.

4) Authorization to Construct will be issued once it has been determined where the street drainage outlet new path away from house has been determined and submitted to our department due to setbacks from the septic and pump tanks that must be maintained. *Approved submittal plan sent in 3-2-26 R.K.*

5) Tank location will most likely be wet underneath due to landscape position and water standing on the surface, therefore tanks need to be top-seamed and water tight. *attached (pg. 6+7)*

6) Six inches of approved cover will need to be added over drainfield.

7) Interceptor drain needs to be installed at 36" and with plastic on the downhill side and bottom.

Issued By: Russ Kelly Date: 7-24-25

The issuance of this permit 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 permit 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 15A NCAC 18E and to the conditions of this permit. This Permit is Valid for a period of Sixty (60) Months unless the site, site plan, plat, or intended use of the property changes.

Authorization to Construct Wastewater System

Issued By: Russ Kelly Date: 3-2-26

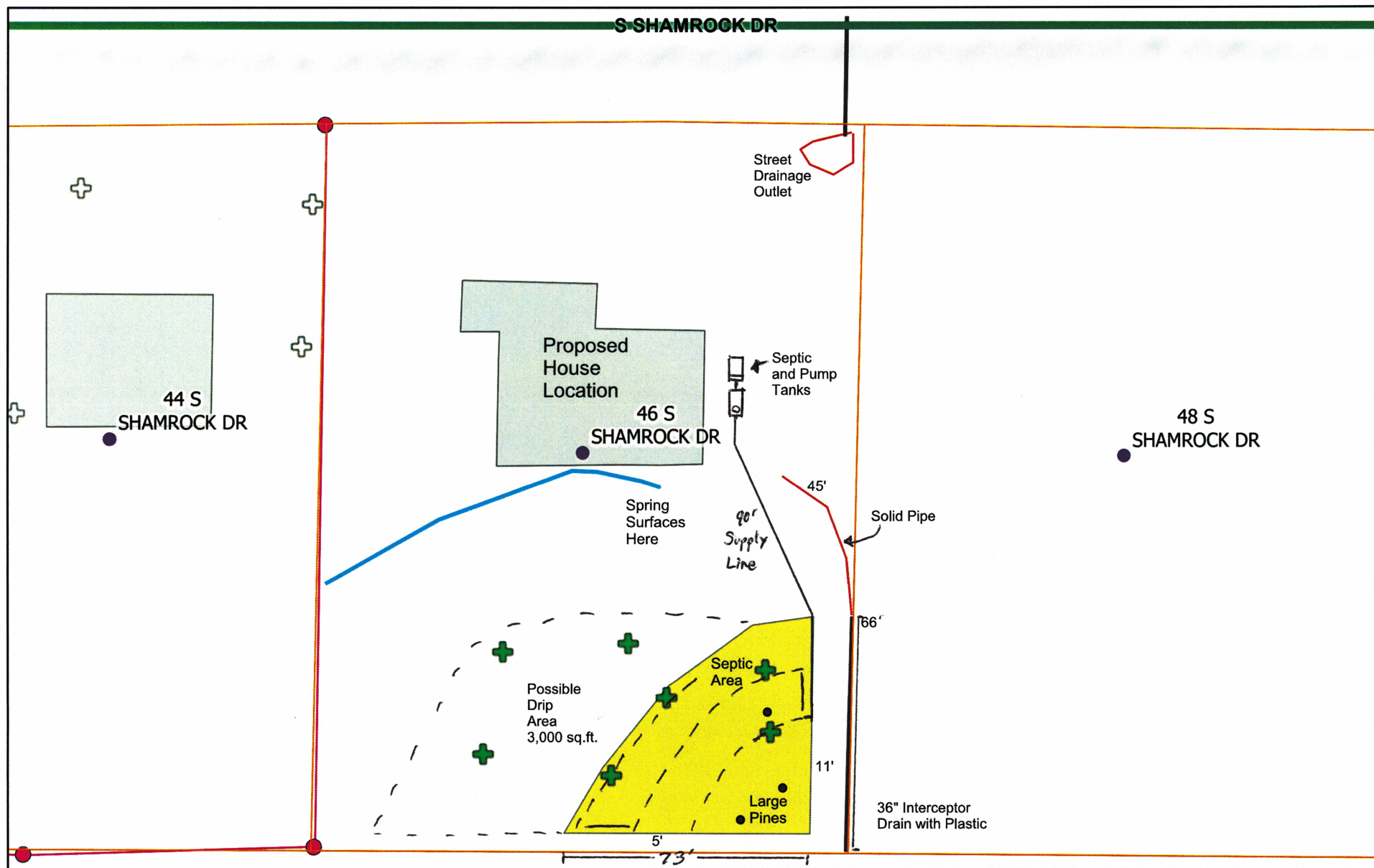
The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit. This Authorization is Necessary Prior to Obtaining a Building or Electrical Permit and expires Sixty (60) Months from the date issued or immediately if the site, site plan, or intended use of the property changes.

Permit # 56158 LRK# 00052401
Property Address: 46 S. Shamrock Drive, Jackson Springs, N.C.

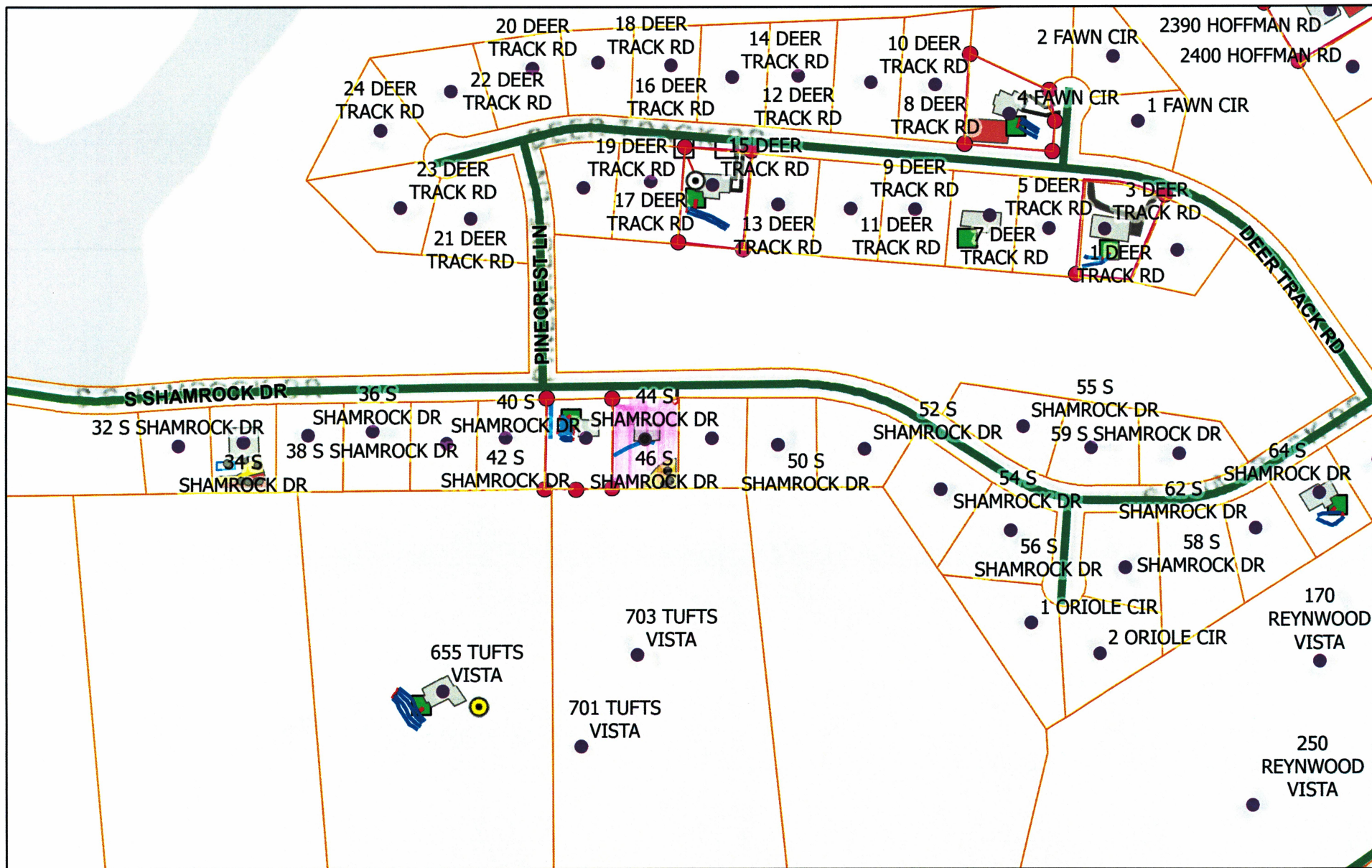
Page 2 of 7
Number of Bedrooms: 3

- ☒ Do not grade, compact, or otherwise disturb soil in original system area or repair area
- ☒ Property lines/corners must be clearly marked at time of installation and inspection
- ☒ Divert downspouts and all surface water from system area
- ☒ Install interceptor drain _____ inches deep
- ☒ Install on contour
- ☒ Authorization to construct permit will be issued after receiving final house/site plan
- ☒ Six inches of approved soil over nitrification lines required
- ☐ Rake trench sidewalls
- ☐ Install pipe for copper sulfate. Add copper sulfate in system
- ☐ Pump, crush, and fill existing tank
- ☐ Filter fabric required
- ☐ Seed and straw nitrification lines
- ☐ Filter rated for grease removal
- ☐ Filter rated for hair removal in wash tank
- ☒ Approved and properly rated effluent filter required
- ☒ Risers and openings must be sealed with mastic, butyl rubber, and fibered cement or hydraulic cement
- ☒ Must test electrical and pump components
- ☐ 50 lbs. pressure for two hours on pressure line
- ☐ Must water or vacuum test tanks
- ☒ Call health department before installing system (910) 947-6284
- ☐ Meet health department onsite a minimum of 24 hours before installing system

Env_Health_Editing_Map



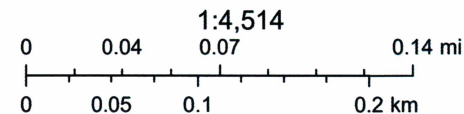
Env_Health_Editing_Map



7/24/2025

Page 4 of 7
I.P. # 56158

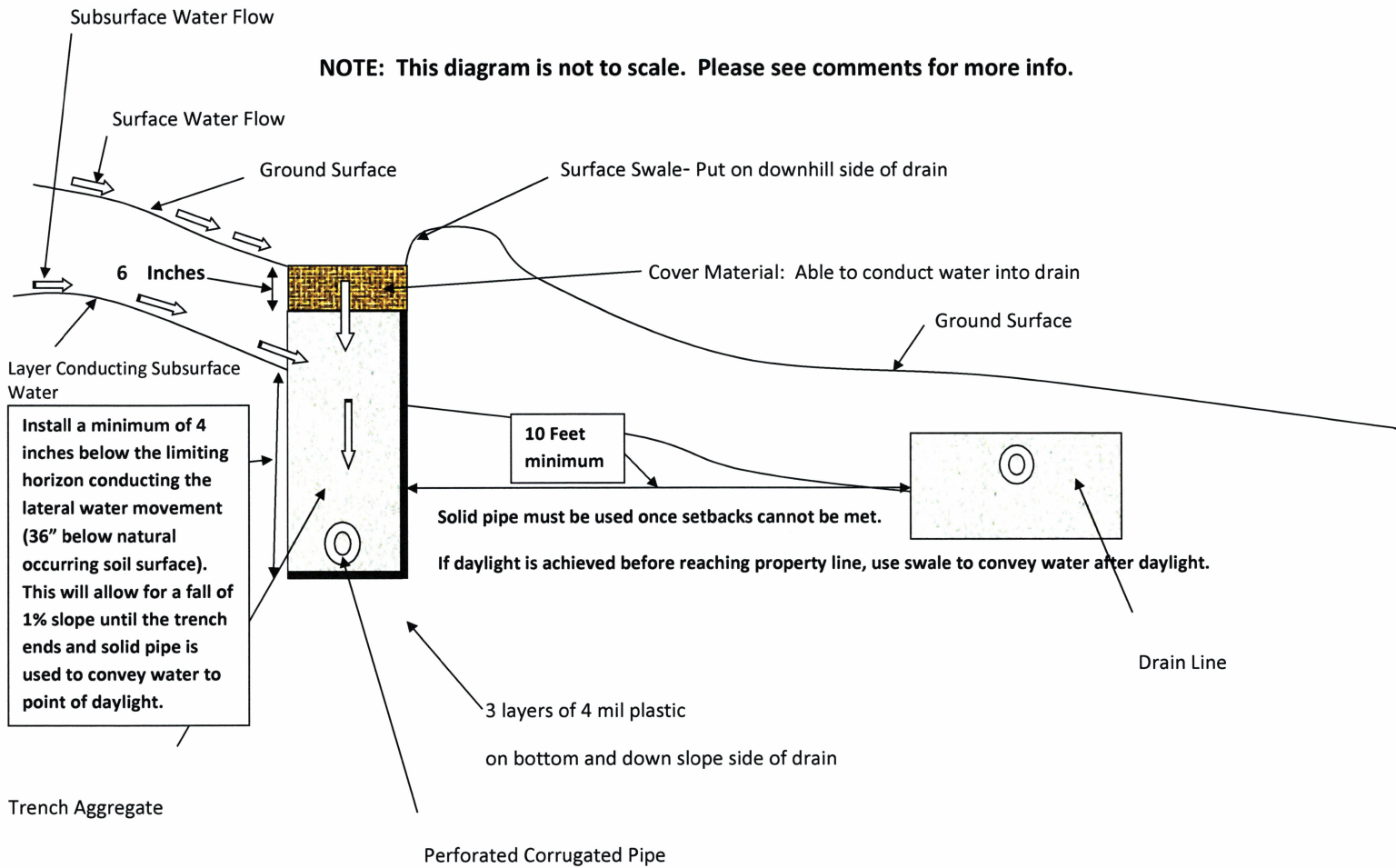
Property Location Map



State of North Carolina DOT, Richmond County, State of North Carolina DOT, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA

Upslope Interceptor Drain Details

NOTE: This diagram is not to scale. Please see comments for more info.



From: Charlene Morgan <charlene@Jkbuilders-nc.com>
Sent: Monday, March 2, 2026 9:18 AM
To: Russ Kelly
Cc: Ashley Tomes; George Blackwell
Subject: Re: 46 Shamrock septic
Attachments: 46 Shamrock Septic Site Plan.PDF

Warning: Unusual link

This message contains an unusual link, which may lead to a malicious site. Confirm the message is safe before clicking any links.

Hello,

The orange highlighted line designates where we will run pipe to run off. It will be 5' off property line.

Respectfully,

Charlene K. Morgan
Architectural Designer
JK Builders, Inc
5777 Fayetteville Rd
Raeford NC 28376
Office: (910) 248-6464



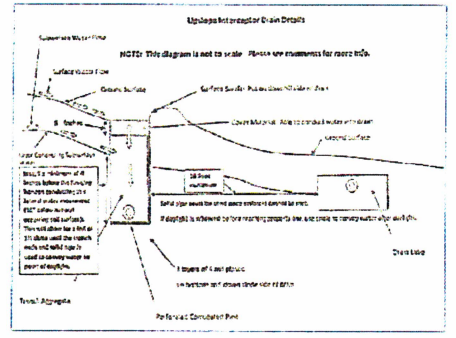
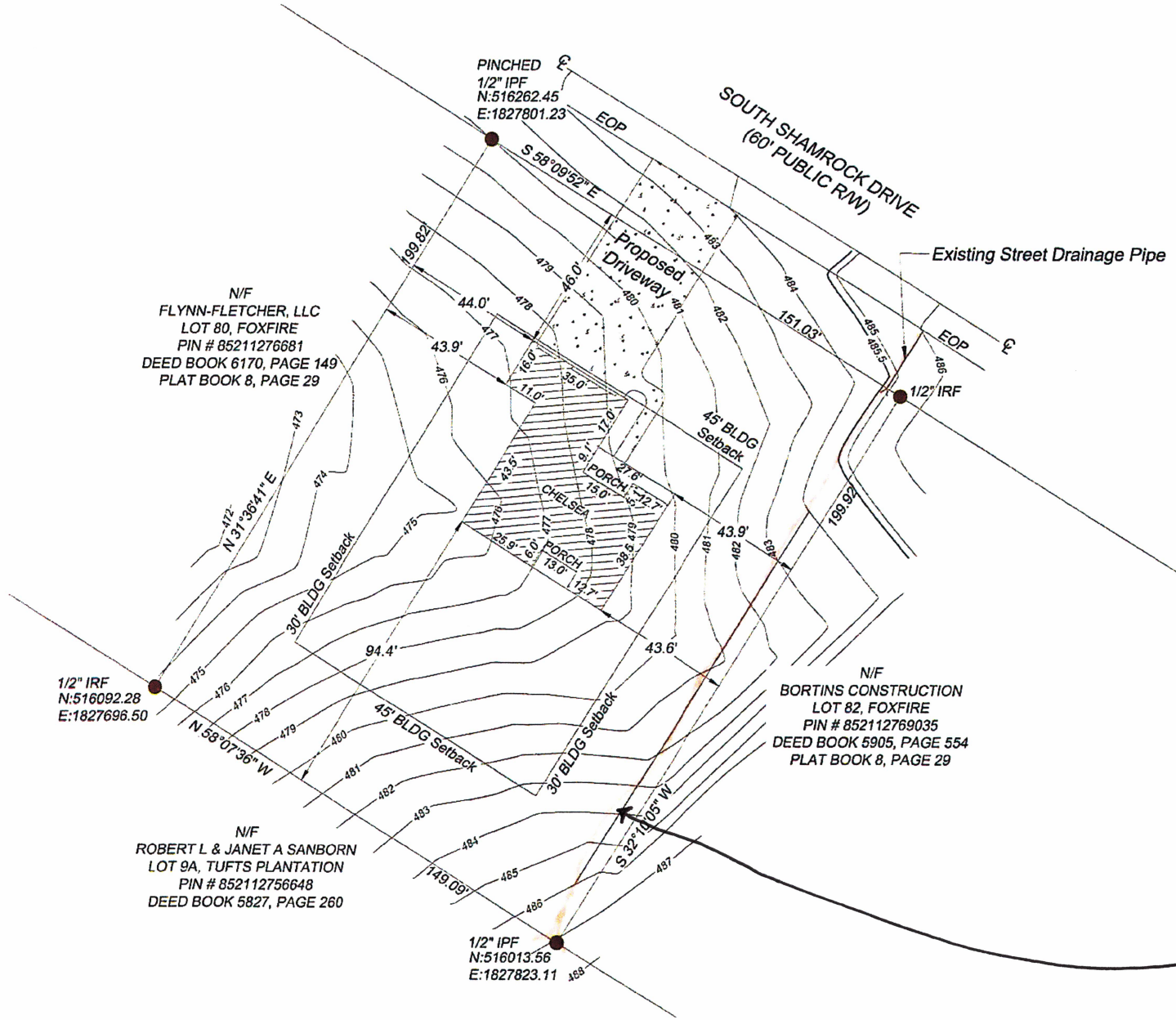
From: Russ Kelly <rkelly2@moorecountync.gov>
Sent: Friday, February 27, 2026 12:54 PM
To: Charlene Morgan <charlene@Jkbuilders-nc.com>
Subject: RE: 46 Shamrock septic

Please call me at my desk at 910-947-4578 to discuss the issue with the street drainage that is currently being “dumped” on to this lot.

I would have thought this would have already been a major issue for constructing a house on this lot and if it has been discussed on how to re-divert the water off the center of this lot, then THAT plan is what I need submitted to make sure you are not diverting it towards the tank(s) location as drawn on Improvement Permit because there is a 15’ setback from storm drains.

Thank you for your attention in this matter.

56158



RECEIVED
MAR 02 2026
MOORE CO. HEALTH DEPT.

Approved
Location of
Storm Drain Pipe
5/04/21

R.K.