



File# 392419 Parcel PIN# 049106

Property Address: 30 Diamond Creek Dr

Applicant Or Owner Name: Mathew Winslow

Environmental Health Septic/Well Permit Diagram

Building permits cannot be issued nor should construction begin without Construction Authorization issuance.

☒ Septic Improvement Permit ☒ Septic Construction Authorization (CA) ☐ CA Reissue** ☒ As Built
☒ Well Construction Authorization ☒ Additional Diagram/Specifications Attached

Diagram Date**: 2-23-24

EHS: [Signature]

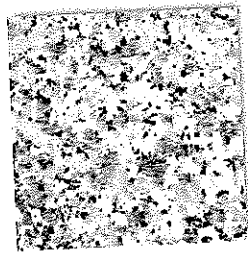
**Any previously dated CA diagram is revoked and/or invalid. Confirm this is the valid diagram for the site before beginning any construction.

Installation inspections may be scheduled the day before or the day of installation by 9am. Contact the Environmental Health office at 919 496-8100. A revisit fee may apply if installation is not ready for inspection at the time requested. SEPTIC OPERATIONS PERMITS will be issued after installation is approved, all permit conditions are met, and any outstanding fees are paid. WELL CERTIFICATE OF COMPLETION will be issued after well head approval, all permit conditions are met, and any outstanding fees are paid.

Septic Tank 1000 Pump Tank _____ Drain field 3'x470' Type System Acc. serial Dist. _____ Max trench depth 22"
Septic Contractor DBS Septic/Pump tank dates DB-1000 PUMP FEE? NO YES _____
Well Contractor _____ Well Grout Date: _____

- I.P. + C.A. issued under "aZ" rules
- see attached packet from CCSC,
- Well location marked on design page from CCSC.

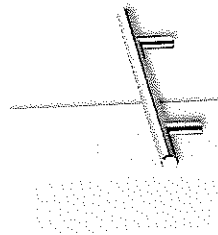
KITCHEN



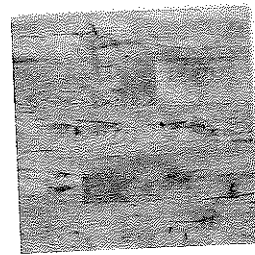
Luna Pearl Granite Countertop



Moen Plumbing



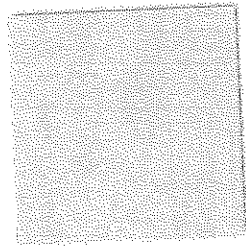
Painted Maple Cabinets



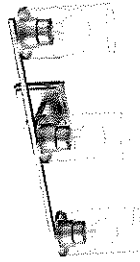
Mohawk Flooring



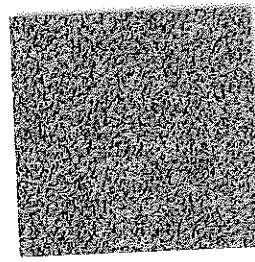
Island Pendant



Gossamer Veil SW9165
Wall Color

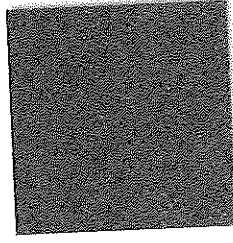


Vanity Light

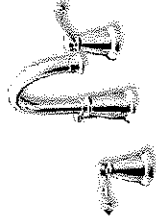


Mohawk Everstrand Carpet

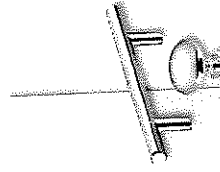
MASTER BATH



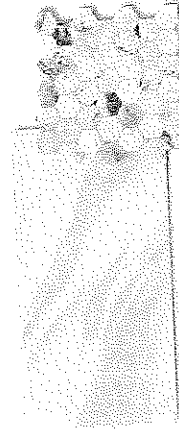
Grey Expo Quartz Countertop



Moen Plumbing



Painted Maple Cabinets



Porcelain Tile Flooring



CDP#
392419

Franklin County Environmental Health
127 S Bickett Blvd.
Louisburg, NC 27549
Phone (919) 496-8100
www.franklincountync.gov

Issued to: Matthew Winslow

Location: 30 DIAMOND CREEK DR ZEBULON, NC 27597

**NEW SEPTIC APPLICATION
NEW WELL APPLICATION**

Application Type: NEW SEPTIC NEW WELL

Application Number: E-23-317

Building Type:

Project Type:

of Bedrooms: 4

Residential Project Type: Single Family Dwelling

Building Foundation: Crawlspace

Water Source: New Well

Preferred Type of Septic System: (1) Conventional
(rock)

Parcel ID #: 049106

Date: March 29, 2023

Acreage:

Zoning: R-30

of Occupants: 5

Commercial Project Type:

Square Footage of Facility:

Number of Employees:

Number of Seats:

Notes:

Subdivision: NULL

Applicant Information

Applicant Name: Matthew Winslow

Address: PO Box 610 Youngsville, NC 27596

Phone: 919-556-4700

Email: dedwards@winslowhomes.com

Property Owner Information

Owner Name: NULL

Address: NULL NULL, NULL NULL

Phone:

Email:

General Contractor Information

Contractor Name: Winslow Custom Homes, LLC

Address: PO Box 610 Youngsville, NC 27596

Phone: (919) 556-4700

Email: dedwards@winslowhomes.com

Zoning

Zoning Permit #:

Front Setback:

Left Setback:

County Water:

Right Setback:

Rear Setback:

The applicant shall notify the Environmental Health Department upon submittal of this application if any of the following apply to the property/site in question. If this answer is "Yes" the applicant must attach supporting documentation and/or show their location on the plot/site plan.

Does the site contain any jurisdictional wetlands? No
Does the site contain, or have within 100 feet, any existing wells and/or septic systems? No
Is any wastewater going to be generated other than domestic sewage? No
Is the site subject to approval by an other public agency? No
Are there any easements or right-of-ways on this site? No
Are there any underground utilities on the site? No

Call Environmental Health (919-496-8100) between 8:00 - 9:00 a.m. Monday - Friday in order to schedule an appointment with and environmental Health Specialist for your lot evaluation. Please contact the Environmental Health Department at 919-496-8100 to determine the status of your application prior to visiting the Planning & Inspections Department to obtain a building permit.

IF THE INFORMATION IN THE APPLICATION FOR A SEPTIC PERMIT IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN ANY RELATED PERMITS AND CONSTRUCTION AUTHORIZATIONS SHALL BECOME INVALID. This application is valid for one year from the date of application payment. The septic system approval (permit) is valid for five years from the date of Improvement Permit issuance, or without expiration.



PL-68 Filter and Tee

PL-68 is much more than just an effluent filter. The housing can also be used as an inlet baffle (tee) or an outlet baffle. The housing is designed to accept Polylok's snap in gas deflector to deflect gas bubbles away from the tee and to keep the solids in the tank.

Features:

- Offers 68 linear feet of 1/16" filter slots, which significantly extends time between cleaning.
- Accepts 3/4" PVC handle.
- Locks in any 360° position when used with PL-68 Tee.
- PL-68 Housing can be used as an inlet or outlet tee.
- Gasket prevents bypass.

PL-68 Installation:

Ideal for residential waste flows up to 800 gallons per day (GPD). Easily installs in any new or existing 4" outlet tee.

1. Locate the outlet of the septic tank.
2. Remove the tank cover and pump tank if necessary.
3. Glue the filter housing to the outlet pipe, or use a Polylok Extend & Lok if not enough pipe exists.
4. Insert the PL-68 filter into tee.
5. Replace and secure the septic tank cover.

PL-68 Maintenance:

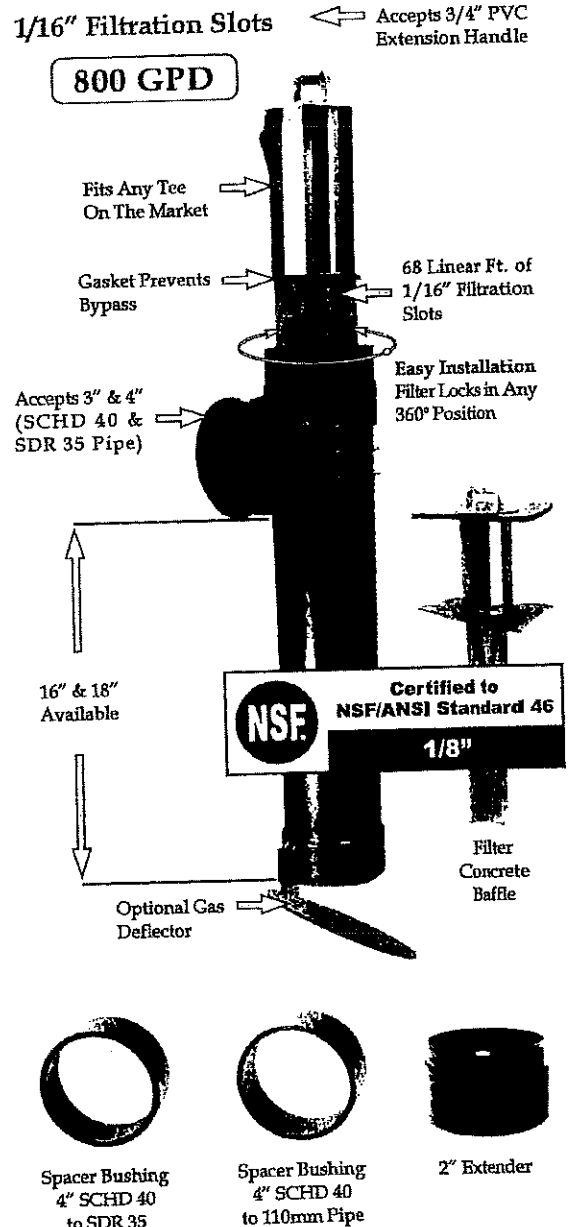
The PL-68 Effluent Filter will operate efficiently for several years under normal conditions before requiring cleaning. It is recommended that the filter be cleaned every time the tank is pumped, or at least every three years.

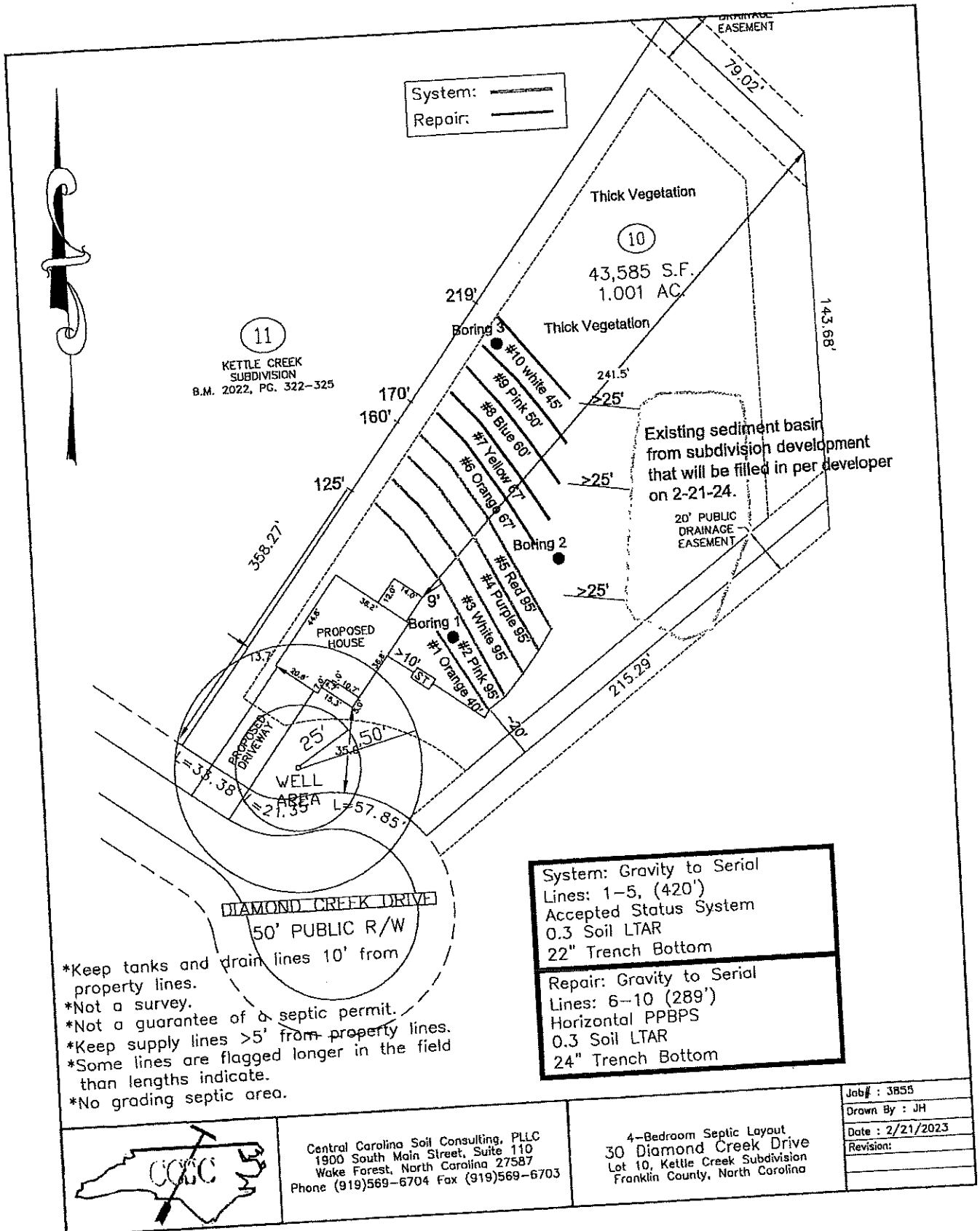
1. Do not use plumbing when filter is removed.
2. Pull PL-68 out of the tee.
3. Hose off filter over the septic tank. Make sure all solids fall back into septic tank.
4. Insert filter back into tee/housing.

Related Products:

PL-68 Filter Concrete Baffle
Extend & Lok™

Extend & Lok™
Easily installs
into existing tanks.







Permit/File #: _____

Re-submittal of Construction Authorization

LHD USE ONLY: This CA resubmittal received: _____ by _____
Date Initials

The following items are being resubmitted pursuant to G.S. 130A-335(a5) for issuance of the Construction Authorization:

I, _____ hereby attest that the information required to be included with this re-submittal
Authorized Onsite Wastewater Evaluator (Print Name)
is accurate and complete to the best of my knowledge and that the proposed Construction Authorization meets all applicable
federal, State, and local laws, regulations, rules, and ordinances.

Signature of Authorized On-Site Wastewater Evaluator Date

The section below is for Local Health Department use after submittal of items noted as missing above.

LHD Follow-up Completeness Review of Construction Authorization

The review for completeness of this Construction Authorization re-submittal was conducted in accordance with G.S. 130A-335(a5).
This Construction Authorization is determined to be:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

Copies of this were sent to the AOWE/PE and the Applicant on _____
Date

State Authorized Agent: _____ Date: _____

☐ Complete

State Authorized Agent: _____ Date: _____



Permit/File #: 392419

CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)

County: Franklin Pre-Construction Conference Required: Yes ☐ No ☒
1799-31-9952
PIN/Lot Identifier: Winslow Grand Homes
Issued To: 10 Diamond Creek Drive, Zebulon (Kettle Creek lot 10)
Property Location: Jason Hall, AOWE #10004E
AOWE/PE Plans/Evaluations Provided: Yes ☒ No ☐ If yes, name and license number of AOWE/PE: Single Family, 4-Bedroom
Facility Type: _____
Number of bedrooms: 4 Number of Occupants: ≤8 Other: _____
☒ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use
Basement? ☐ Yes ☒ No Basement Fixtures? ☐ Yes ☒ No
Crawl Space? ☒ Yes ☐ No Slab Foundation? ☐ Yes ☒ No
Type of Wastewater System* IIB, Gravity to serial Accepted (Initial) IIIE, Gravity to PPBPS, horizontal (Repair)
*Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII
Design Daily Flow: 480 GPD Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process WW
Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies? ☐ Yes ☒ No
(If yes, please provide engineering documentation)
Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW
Type of Water Supply: ☒ Private well ☐ Public well ☐ Shared well ☐ Municipal Supply ☐ Spring ☐ Other: _____
Installation Requirements/Conditions
Septic Tank Size: 1000 gallons Total Trench/Bed Length: 420 feet Trench/Bed Spacing: 9 feet on center
Trench/Bed Width: 36 inches LTAR: .3 gpd/ft² Usable Depth to LC (Initial)*: 41" *Limiting condition
Additional Soil Cover: _____ inches Slope Corrected Maximum Trench/Bed Depth*: 22" inches *Measured on the downhill side of the trench
Pump Tank Size (if applicable): _____ gallons Requires more than 1 pump? ☐ Yes ☐ No
Pump Requirements: _____ ft. TDH vs. _____ GPM Grease Trap Size (if applicable): _____ gallons
Distribution Method: ☐ Serial ☐ D-Box or Parallel ☐ Pressure Manifold(s) ☐ LPP ☐ Other: _____
Artificial Drainage Required: Yes ☐ No ☐ If yes, please specify details: _____
Legal Agreements (If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)
Multi-party Agreement Required [.0204(b)]: ☐ Yes ☒ No Declaration of Restrictive-Covenants: ☐ Yes ☒ No
Easement, Right-of-Way, or Encroachment Agreement Required [.0301(b)]: ☐ Yes ☒ No
Management Entity Required: ☐ Yes ☒ No Minimum O&M Requirements: _____

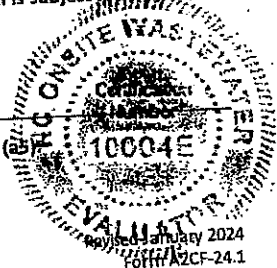
Permit conditions:

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.

AOWE/PE Print Name: Jason HallDate: 2/21/24AOWE/PE Signature: [Signature]

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a3)

See attached site sketch



1900 South Main Street, Suite 110, Wake Forest, NC 27587

Page _____ of _____

PROPERTY ID #: _____

COUNTY: Franklin

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: _____ Winslow Grand Homes DATE EVALUATED: 2/21/24

ADDRESS: _____ DATE EVALUATED: 8/21/24

PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (0400): _____ PROPERTY SIZE: _____

LOCATION OF SITE: 30 Diamon Creek Drive, Zebulon, (Kettle Creek lot 10) PROPERTY SIZE: 1-acre
PROPERTY RECORDED: _____

WATER SUPPLY: ☐ Public ☒ Single Family Well ☐ Shared Well ☐ Spring ☐ Other

EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Domestic ☐ Industrial ☐ Other

P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0502(d) SLOPE CORRECTION
			.0503 TEXTURE/ STRUCTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZON		
1	L, 5%	Ap, 0-7	SL, Gr	VFR, NS, NP						2"
		Bt, 7-37	Clay, SBK	FI, SS, SP, SEXP		S-37"		S.3		
		BC, 37+	CL, Wk SBK	FI, SS, SP, SEXP	7.5 YR 6/2, 10%	UN				
2	L-5%	Ap/E, 0-20	SL, Gr	VFR, NS, NP		S		S.6	2"	
		Bt, 20-41	Clay, SBK	FI, SS, SP, SEXP		S-40"		S.3		
		Bt2, 41+	Clay, SBK	FI, SS, SP, SEXP	7.5 YR 6/2, 10%	UN				
3	L-3%	Ap/E, 0-31	SL, Gr	VFR, NS, NP		S		S.6	1.08"	
		B, 31-40	SL, Gr	VFR, NS, NP		S		S.6		
		Bt, 40-48	SCL, SBK	FI, SS, SP, SEXP		S-48		S.4		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): _____ Suitable EVALUATED BY: _____ JH OTHER(S) PRESENT: _____
Available Space (.0508)	Yes	Yes	
System Type(s)	Accepted	Hor. PPBPS	
Site LTAR	.3	.3	
Maximum Trench Depth	22"	24"	

Comments: Once the basin is filled in additional area can be added to the useable soils since the 25' setback will not apply. A revision to the repair in the future is possible.

and the areas of thick vegetation at the rear of the lot are cleared a revision to the repair may allow an accepted gravity system due to the addition of more line.

Based on the findings during the field evaluation, the area on the attached map has at least 37 inches (initial area) and 41 (repair area) of suitable soils for a modified conventional septic system. The assigned LTAR for the site is 0.3 gal/day/ft² with a maximum depth of 24 inches for the initial system installation of the drain lines due to slope correction.

Septic Installation:

The septic systems for the lot should be installed during dry soil conditions (no rain events within 72 hours). The septic systems should be installed on contour while maintaining all required setbacks.

Setbacks:

- Septic Tank
 - 10' minimum from property lines
 - 15' minimum from house (see septic design)
- Septic Lines
 - 10' minimum from property lines
 - 5' minimum from house (see septic design)
- D-Box's
 - 5' from property lines
- Supply Lines
 - 5' minimum from property lines

Grading:

No grading should be completed within the initial and repair septic areas that change the natural grade of the area. There should be no cutting or filling within the septic areas as well. When grading the lot, not cuts of 2' or greater should be within 15' of the septic areas. If a cut is required near the septic area, keep the cut around 6-8 inches in depth.



Permit/File #: _____

Re-submittal of Improvement Permit

LHD USE ONLY: This IP resubmittal received: _____ by _____
Date Initials

The following items are being resubmitted pursuant to G.S. 130A-335(a3) for issuance of the Improvement Permit:

I, _____ hereby attest that the information required to be included with this re-submittal
Licensed Soil Scientist (Print Name)
is accurate and complete to the best of my knowledge and that the proposed Improvement Permit meets all applicable federal,
State, and local laws, regulations, rules, and ordinances.

Signature of Licensed Soil Scientist

Date

The section below is for Local Health Department use after submittal of items noted as missing above.

LHD Follow-up Completeness Review of Improvement Permit

The review for completeness of this Improvement Permit re-submittal was conducted in accordance with G.S. 130A-335(a3). This Improvement Permit is determined to be:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

Copies of this were sent to the LSS and the Applicant on _____
Date

State Authorized Agent: _____ Date: _____

☐ Complete

State Authorized Agent: _____ Date: _____

Permit/File #: 392419



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor

KODY H. KINSLEY • Secretary

MARK BENTON • Chief Deputy Secretary for Health

SUSAN KANSAGRA • Assistant Secretary for Public Health

Division of Public Health

Submittal Includes: ☒ (a2) Improvement Permit ☒ (a2) Construction Authorization ☐ Fee \$ _____

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)

County: Franklin
 PIN/Lot Identifier: 1799-31-9952
 Issued To: Winslow Grand Homes
 Property Location: 30 Diamond Creek Drive, Zebulon
 Subdivision (if applicable) Kettle Creek Lot #: 10 Block: _____ Section: _____
 LSS Report Provided: Yes ☒ No ☐
 If yes, name and license number of LSS: Jason Hall, NC LSS #1248
 New ☒ Expansion ☐ System Relocation ☐ Change of Use ☐
 Facility Type: Single Family, 4-Bedroom
 Number of bedrooms: 4 Number of Occupants: ≤8 Other: _____
 Design Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater
 Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): .3 Proposed LTAR (Repair): .3
 Proposed Wastewater System Type*: Ilb, Gravity to Serial (Initial) Pump Required: ☐ Yes ☒ No ☒ May be required
 Proposed Wastewater System Type*: Ilie, Horizontal PPBPS (Repair) Pump Required: ☐ Yes ☒ No ☐ May be required
 *Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII
 Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW
 Saproliite System (Initial): ☐ Yes ☒ No Saproliite System (Repair): ☐ Yes ☒ No
 Fill System (Initial): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)
 Fill System (Repair): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)
 Usable Depth to LC (Initial)*: 37" Usable Depth to LC (Repair)*: 41" *Limiting Condition
 Max. Trench Depth (Initial)*: 22" Max. Trench Depth (Repair)*: 24" *Measured on the downhill side of the trench
 Artificial Drainage Required: ☐ Yes ☒ No If yes, please specify details: _____
 Type of Water Supply: ☒ Private well ☐ Public well ☐ Shared well ☐ Municipal Supply ☐ Spring ☐ Other: _____
 Drainfield location meets requirements of Rule .0508: Yes ☒ No ☐ Drainfield location meets requirements of Rule .0601: Yes ☒ No ☐
 Permit valid for: ☒ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

Licensed Soil Scientist Print Name: Jason Hall

Licensed Soil Scientist Signature: [Signature]

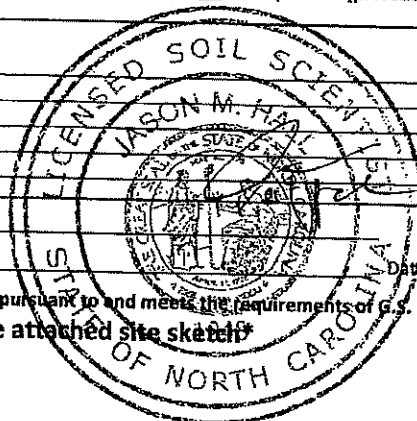
Date: 2/21/24

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

NCDHHS/DPH/EHS/OSWP

Revised January 2024
Form A2CF-24.1





WPDT Screening Report

Area of Interest (AOI) Information

Area : 3,134,508.7 ft²

Feb 23 2024 13:10:23 Eastern Standard Time



- North Carolina Parcels (Polygons) - Parcel's
- County Boundary
- Non-System Roads
- Non-System
- Secondary Route

1:8,026
0 0.01 0.05 0.1 mi
0 0.03 0.07 0.1 km
NAD 83 / WGS 84, UTM 18Q UTM Zone 18Q



Well Construction Permit

Franklin County Health Department
107 Industrial Drive
Louisburg NC, 27549
Phone: _____

For Office Use Only

*CDP File Number 392419

PIN Number: _____

Tax Lot #: 10

Tax Block #: 049106

Evaluated For: _____

PERMIT VALID UNTIL: 02/22/2029

Property Owner: _____
Address: _____
City: _____
State/Zip: NC
Phone #: _____

Applicant: MATTHEW WINSLOW
Address: PO BOX 610
City: YOUNGSVILLE
State/Zip: NC / 27596
Phone #: _____

Property Location & Site Information

Address/Road #: _____ Subdivision: KETTLE CREEK Phase: _____ Lot: 10
30 DIAMOND CREEK DR
ZEBULON NC, 27597
*Proposed use of Well: _____
If Other: _____
Applicant Email: _____
Owner Email: _____

Directions: 30 DIAMOND CREEK DR

Well Contractor Information

Drilling Contractor: _____

Driller Registration: _____

Permit Conditions

*Permit Conditions

Well location marked on design page from CCSC.

Well location, construction and protection must meet all state and local regulations and must be inspected and approved by an authorized representative of the Local Health Department. The permit may be revoked at any time for failure to comply with existing regulations. The siting of approved well construction area(s) by the Health Department is to provide protection from the known possible sources of contamination. The approved well area(s) may not be changed without permission from an authorized representative of the Local Health Department. Issuance of this well permit does not guarantee water quality or adequate water production from the well once it is installed or repaired.

*Issued By: Leonard, Shad

*Date of Issue: 02/23/2024

Authorized State Agent: _____

☐ Hand Drawing

☐ Import Drawing

Owner/Applicant: _____

****Site Plan/Drawing attached.****