



IMPROVEMENT PERMIT

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

For Office Use Only

*CDP File Number 354660 - 1
County ID Number:
Evaluated For: NEW

PERMIT VALID UNTIL: 11/02/2026

***NOTE TO INSPECTIONS DIVISION:** Building Permits cannot be issued with this Improvement Permit.

Applicant: BRANDON WIGGINS

Address: 30 BOTTOMLAND DR

City: YOUNGSVILLE

State/Zip: NC 27596

Phone #:

Property Owner: BRANDON WIGGINS

Address: 30 BOTTOMLAND DR

City: YOUNGSVILLE

State/Zip: NC. 27596

Phone #:

Property Location & Site Information

Address/Road #: 175 SORRELL DRIVE
FRANKLINTON, NC 27525

Subdivision: WOODLAND Phase: NEW Lot: 61

Structure: SINGLE FAMILY

Directions

175 SORRELL DRIVE

of Bedrooms: 3

of People: 3

*Water Supply: N/A

Initial System

*Site Classification: PS Shallow Placement

Design Flow: 360

Soil Application Rate: 0.3000

*System Classification/Description:

TYPE III B. SYSTEM W/SINGLE EFFLUENT PUMP

*Proposed System:

25% REDUCTION

System Specifications

Minimum Trench Depth: Inches

Maximum Trench Depth: 22 Inches

Septic Tank: 1000 Gallons

Pump Required ☒ Yes ☐ No ☐ May Be Required

Pump Tank: 1000 Gallons

Repair System Required: ☒ Yes ☐ No ☐ No, but has Available Space

Repair System

*Site Classification: PS Shallow Placement

Soil Application Rate: 0.300

*System Classification/Description:

TYPE III B. SYSTEM W/SINGLE EFFLUENT PUMP

*Proposed System:

25% REDUCTION

Minimum Trench Depth: Inches

Maximum Trench Depth: 22 Inches

Pump Required: ☒ Yes ☐ No ☐ May Be Required

Pump Tank: Gallons

No grading or construction activity is allowed in areas designated for system and repair without approval of Health Department

*Site Modifications

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.

*Permit Conditions

The Department and Local Health Department may impose conditions on the issuance and may revoke the permits for failure of the system to satisfy the conditions, the rules, or this article. This permit is subject to revocation if the site plan, plat, or intended use changes (NCGS 130A-335(f)). The person owning or controlling the system location, installing, operation, maintenance, monitoring, reporting, and repair (1938(h)).

Authorized State Agent: Leonard, Shad

Date of Issue: 11/02/2021

Total Time: (HH:MM)

☐ Hand Drawing

☐ Import Drawing

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



Construction Authorization

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

For Office Use Only

*CDP File Number: 354660 - 1

County ID Number: _____

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☐ Open Pump System Sheet

Applicant: BRANDON WIGGINS

Address: 30 BOTTOMLAND DR

City: YOUNGSVILLE

State/Zip: NC 27596

Phone #: _____

Property Owner: BRANDON WIGGINS

Address: 30 BOTTOMLAND DR

City: YOUNGSVILLE

State/Zip: NC. 27596

Phone #: _____

Property Location & Site Information

Address/Road #: 175 SORRELL DRIVE Subdivision: WOODLAND Phase: NEW Lot: 61
FRANKLINTON, NC 27525 Directions: PARK
Structure: SINGLE FAMILY 175 SORRELL DRIVE
of Bedrooms: 3
of People: 3
*Water Supply: NEW WELL

System Specifications

*Site Classification: PS Shallow Placement

Design Flow: 360

Soil Application Rate: 0.3000

*System Classification/Description:

TYPE III B. SYSTEM W/SINGLE EFFLUENT PUMP

*Proposed System:

25% REDUCTION

Minimum Trench Depth: _____ Inches

Maximum Trench Depth: 22 Inches

Minimum Soil Cover: _____ Inches

Maximum Soil Cover: _____ Inches

*Distribution Type: PRESSURE MANIFOLD

Nitrification Field: _____ Sq. ft.

No. Drain Lines: 4

Total Trench Length: 300 ft. ☐ Inches O.C.

Trench Spacing: 9 - ☒ Feet O.C.

Trench Width: 3 - ☐ Inches

Aggregate Depth: _____ inches ☒ Feet

Septic Tank: 1,000 Gallons

Pump Required: ☒ Yes ☐ No ☐ May Be Required

Pump Tank: 1,000 Gallons

Grease Trap: _____ Gallons

Septic Tank Installer

Grade Level Required: ☐ I ☐ II ☐ III ☐ IV

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.

*Permit Conditions:

The Authorization for Wastewater System Construction shall be valid for a period equal to the period of validity of the Improvement Permit and may be issued at the same time the Improvement Permit issued (NCGS 130A-336(b)). If the installation has not been completed during the period of validity of the Construction Permit, the information submitted in the application for a permit or Construction Authorization shall become invalid, and may be suspended or revoked (.1937(g)). The person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regarding system location, installation, operation, maintenance, monitoring, reporting

Authorized State Agent: Leonard, Shad

Date of Issue: 11/02/2021

☐ Hand Drawing

☐ Import Drawing

Site Plan/Drawing attached.

Total Time : (HH:MM) _____



File # 354660 Parcel # 647239

Property Address: 175 Sorel Dr

Applicant or Owner Name: Brandon Wiggins

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**: 11-2-21 EHS: Shad Leland

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

Installation/grouting inspections may be scheduled the day before, or, the day of installation until 9am by contacting 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 permits 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 1000 Drainfield 3'x30' Type System P/A Max Trench Depth 22"

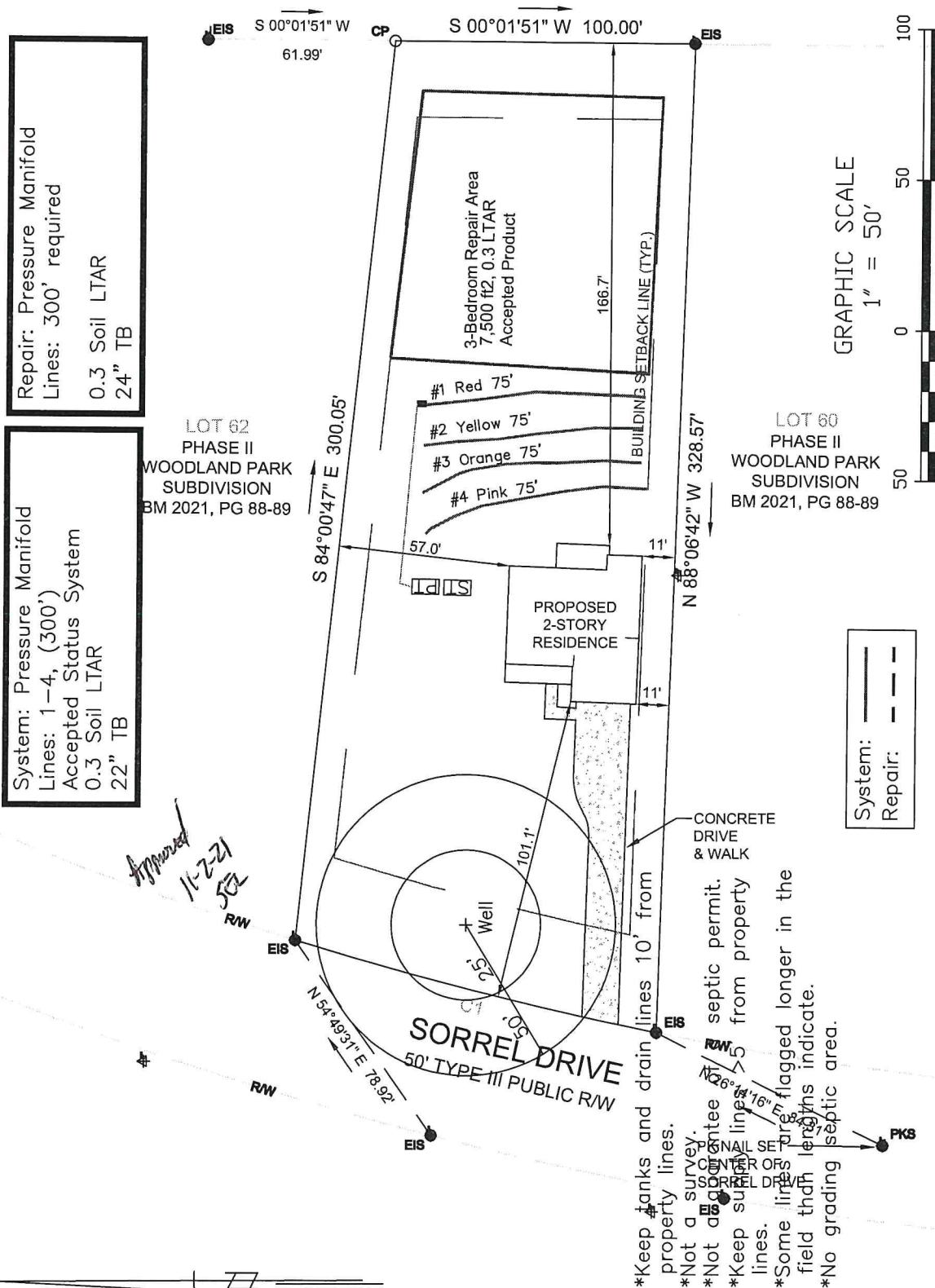
Septic Contractor _____ Septic/Pump tank dates _____ Pump fee? ☒ Yes ☐ No

Well Contractor _____ Well Grout date: _____

\$50.00 pump fee due prior to signing of O.P.

- Install system as designed by CCSC
- See Attached layout and tap chart

DB 1064, PG 611
BM 1997, PG 7



File # : 3953

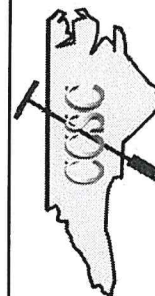
Drawn By : JH

Date : 10/18/2021

Revision:

3-Bedroom Septic Layout
Lot 61, Woodland Park Subdivision
Franklin County, North Carolina

Central Carolina Soil Consulting, PLLC
1900 South Main Street, Suite 110
Wake Forest, North Carolina 27587
Phone (919)569-6704 Fax (919)569-6703



- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a grantee
- *Keep sewer line $\geq 5'$ from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading in septic area.

Woodland Park 61 System

Bench Mark	0.00	is = 100.00 Location of BM						Elevation Head	10.50
Pump tank elev.	7.8	92.20	Pump elev.	87.20			Manifold elev.		97.70
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Red	3.30	96.70	75	1/2in SCH 80	5.48	90.00	225	0.4000
2	Yellow	4.10	95.90	75	1/2in SCH 80	5.48	90.00	225	0.4000
3	Orange	5.30	94.70	75	1/2in SCH 80	5.48	90.00	225	0.4000
4	Pink	6.20	93.80	75	1/2in SCH 80	5.48	90.00	225	0.4000

	total	feet =	300	gal/min =	21.92	<u>LTAR =</u>	0.3000
						<u>LTAR + %5</u>	0.3150
% of Dose Vol.	75		<u>Des. Flow</u>	360		(ltar W/ INOV)	0.4000
Dose Volume	146.25		Pump Run=	16.42		(ltar W/ INOV + 5%)	0.4200
Dose Pump Time	6.67		Tank Gal/IN	21			
Drawdown in Inches	6.96						

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Sheet:
Property ID:
Lot #: 61
File #:
AppID:

Owner: Roost Construction

Address:

Proposed Facility: 3-Bedroom

Design Flow (.1949)

360 gal/day

Location of Site: Woodland Park 61

Applicant:

Date Evaluated: 10/13/2021

Property Size:

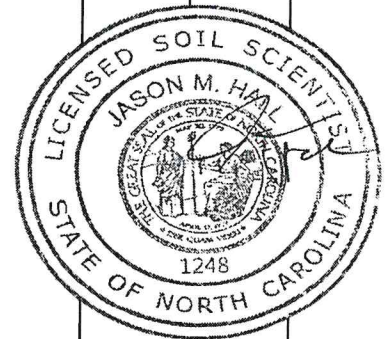
Property Recorded:

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		b 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	LS, 6%	A, 0-2	Gr, Loam	VFR, NS, NP	pits needed		PS			PS, 0.3
		Bt1, 2-28	SBK, Clay	FI, SS, SP, SEXP						
		Bt2, 28-35	SBK, CL	FR, SS, SP, SEXP						
		C, 35-40+	SG, Laom	VFR, NS, NP						



Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted	Accepted
Site LTAR	.3	.3

Other Factors (.1946):

Soil Evaluation By: Jason Hall

Others Present:

Site Classification (.1948):

Site Evaluation By:

Others Present:

COMMENTS:

Sheet:
FILE #:

<u>Landscape Position</u>	<u>Group</u>	<u>Texture</u>	<u>.1955 LTAR</u>	<u>Structure</u>
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope	II	SL-Sandy Loam	0.8 - 0.6	CR-Crumb
FS-Foot Slope				GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay		PR-Prismatic
T-Terrace		Loam		
FP-Flood Plain	IV	CL-Clay Loam	0.4 - 0.1	
		SCL-Sandy Clay		
		Loam		
		SC-Sandy Clay		
		SIC-Silty Clay		
		C-Clay		

Consistence

Moist

VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence

Wet

NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

Mineralogy

SEXP-Slightly Expansive
EXP-Expansive

Sketch of Soil Evaluation Locations