IMPROVEMENT PERMIT

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

For Office Use Only	
*CDP File Number	365302 - 1
County ID Number:	1845-28-5392
Evaluated For:	NEW

PERMIT VALID UNTIL: 11/01/2026

***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:	
Address:	
City:	
State/Zip:	
Phone #:	

Property Location & Site Information

Address/Road #:	210 SORREL DR FRANKLINTON, NC 27525
Structure:	SINGLE FAMILY
# of Bedrooms:	3
# of People:	3
*Water Supply:	N/A

Subdivision: WOODLAND PARK Phase: NEW Lot: 31

Directions

210 SORREL DR

System Specifications

Initial System

*Site Classification: Provisionally Suitable
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 24 Inches

Septic Tank: 1000 Gallons
Pump Required (X) Yes ( ) No ( ) May Be Required
Pump Tank: 1000 Gallons

Repair System Required: (X) Yes ( ) No ( ) No, but has Available Space

Repair System

*Site Classification: Provisionally Suitable
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 24 Inches

Pump Required: (X) 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 Departmen

***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 issurance 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 it 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(b)).

Authorized State Agent: Leonard, Shad Date of Issue: 11/01/2021

( ) Hand Drawing ( ) Import Drawing ****Site Plan/Drawing attached.****

Total TIme: (HH:MM) ____ : ____

Construction Authorization

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

For Office Use Only

*CDP File Number: 365302 - 1
County ID Number: 1845-28-5392
Evaluated For: NEW

PERMIT VALID UNTIL: 11/01/2026

☐ Open Pump System Sheet

Applicant:	BRANDON WIGGINS
Address:	30 BOTTOMLAND DR
City:	YOUNGSVILLE
State/Zip:	NC 27596
Phone #:	

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

Property Location & Site Information

Address/Road #: 210 SORREL DR FRANKLINTON, NC 27525
Subdivision: WOODLAND PARK
Phase: NEW
Lot: 31

Directions: 210 SORREL DR

Structure: SINGLE FAMILY
# of Bedrooms: 3
# of People: 3
*Water Supply: NEW WELL

System Specifications

*Site Classification: Provisionally Suitable
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: 24 Inches
Minimum Soil Cover: ____ Inches
Maximum Soil Cover: ____ Inches
*Distribution Type: PRESSURE MANIFOLD

Nitrification Field: ____ Sq. ft.
No. Drain Lines: 9
Total Trench Length: 335 ft.
Trench Spacing: 9 - ____
Trench Width: 3 - ____
Aggregate Depth: ____ inches

○ Inches O.C. ⊗ Feet O.C.
○ 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)). Ther person owning or controlling the system shall be responsible for assuring compliance with the laws, rules, and permit conditions regaurding system location, installation, operation, maintenance, monitoring, reporting

Authorized State Agent: Leonard, Shad
Date of Issue: 11/01/2021

○ Hand Drawing ○ Import Drawing

****Site Plan/Drawing attached.****
Total Time : (HH:MM) ____

Franklin County
NORTH CAROLINA

File # 365302 PIN# 1845-28-5392

Property Address: 210 Sorrel 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.

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

Diagram Date:** 11-1-21 **EHS:** Thad Ferrone

****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' x 335' Type System PtoA Max Trench Depth 24"

Septic Contractor _____ Septic/Pump tank dates _____ Pump fee? (Yes) No

Well Contractor UpFront Well Grout date: 3-11-2022 10:00 Leg. 50.00 Pump fee due prior to O.P.

- See Attached Layout and Tap Chart
- Install system as designed by CCSC.
- Pump to P. Manifold

Well Construction Permit

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

For Office Use Only

*CDP File Number 365302

PIN Number: 1845-28-5392

Tax Lot #: 31 Tax Block #: 047209

Evaluated For: SINGLE FAMILY \ WELL

Property Owner:	BRANDON WIGGINS
Address:	30 BOTTOMLAND DR
City:	YOUNGSVILLE
State/Zip:	NC / 27596
Phone #:	

Applicant:	BRANDON WIGGINS
Address:	30 BOTTOMLAND DR
City:	YOUNGSVILLE
State/Zip:	NC / 27596
Phone #:	

Property Location & Site Information

Address/Road #:
210 SORREL DR
FRANKLINTON NC, 27525

Subdivision: WOODLAND PARK

Phase:

Lot: 31

*Proposed use of Well: SINGLE FAMILY

Directions

If Other:

210 SORREL DR

Well Contractor Information

Drilling Contractor:

Driller Registration:

Permit Conditions

*Permit Conditions

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. No volume of quality of water is guaranteed by the Health Department.

*Issued By: Leonard, Shad

*Date of Issue: 11/01/2021

Authorized State Agent:

Owner/Applicant:

○ Hand Drawing ○ Import Drawing

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

Sheet:
Property ID:
Lot #: 28
File #:
AppID:

CCSC SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Roost Construction
Address:
Proposed Facility: 3-Bedrooom Design Flow (.1949) 360 gal/day
Location of Site: Woodland Park 31
Water Supply: [ ] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant:
Date Evaluated: 9/24/2021
Property Size:
Property Recorded:

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	R, 5%	A, 0-3	Gr, Loam	VFR, NS, NP					
		Bt, 3-42+	SBK, Clay	FI, SS, SP, SEXP		PS			PS, 0.3

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

Other Factors (.1946):
Soil Evaluation By: Jason Hall
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

LICENSED SOIL SCIENTIST
JASON M. HALL
1248
STATE OF NORTH CAROLINA

COMMENTS:

Sheet:
FILE #:

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	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 Loam		PR-Prismatic
T-Terrace		CL-Clay Loam		
FP-Flood Plain		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations

Woodland Park 31
System

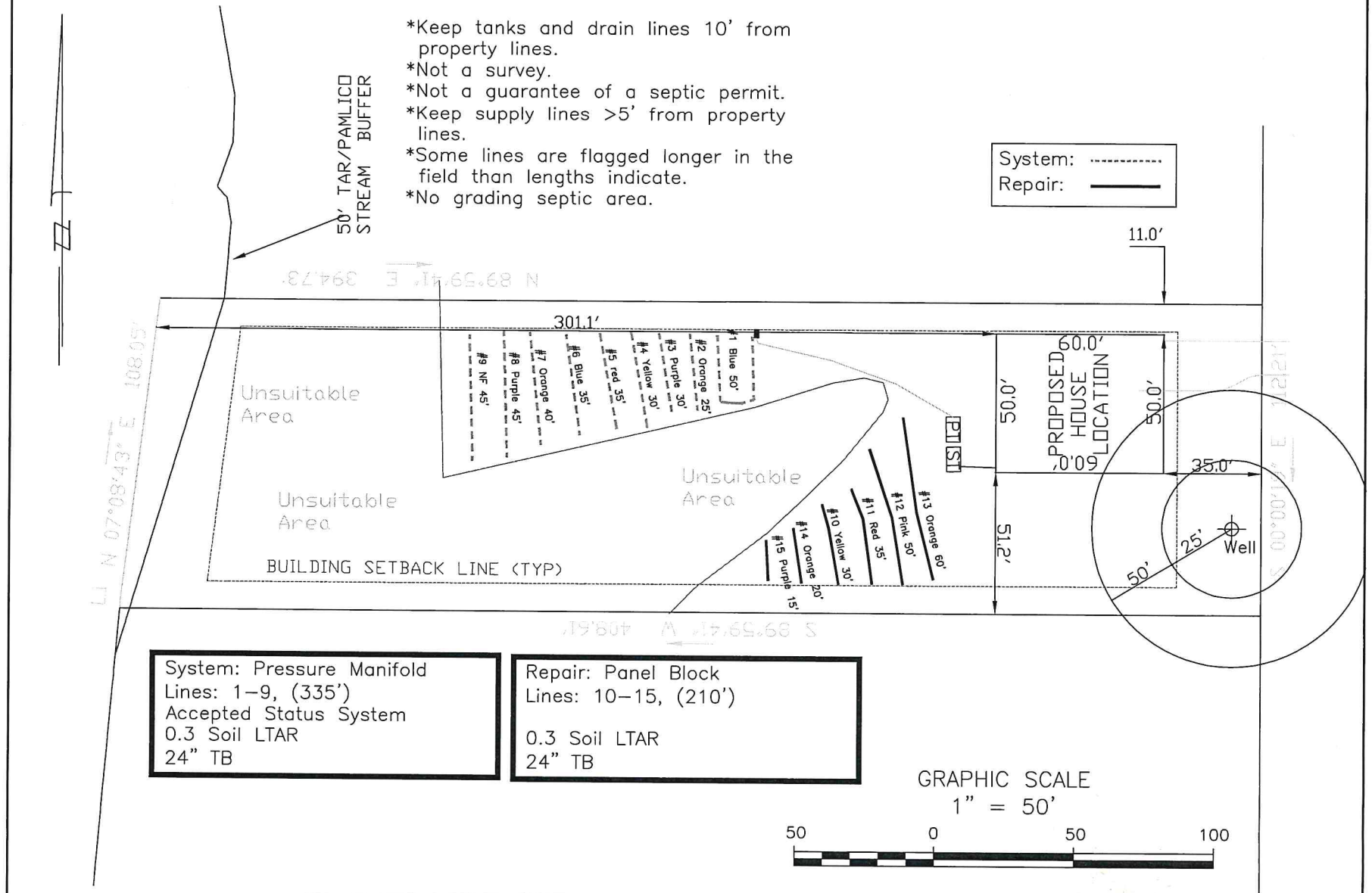
Bench Mark	0.00	is = 100.00	Location of BM					**Elevation Head**	9.40
Pump tank elev.		8	92.00	**Pump elev.**	87.00		**Manifold elev.**		96.40
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
1	Blue	4.60	95.40	50	1/2in SCH 80	5.48	61.10	150	0.4073
2&3	Org/PPL	5.00	95.00	55	1/2in SCH 80	5.48	61.10	165	0.3703
4&5	Yel/Red	6.00	94.00	65	1/2in SCH 40	7.11	79.27	195	0.4065
6&7	Blue/Org	8.00	92.00	75	1/2in SCH 40	7.11	79.27	225	0.3523
8&9	PPL/NF	9.20	90.80	90	1/2in SCH 40	7.11	79.27	270	0.2936

	total	**feet =**	**335**	**gal/min =**	**32.29**	**LTAR =**	**0.3000**
						LTAR + %5	**0.3150**
% of Dose Vol.	75		**Des. Flow**	**360**		**(ltar W/ INOV)**	0.4000
Dose Volume	163.31		**Pump Run=**	11.15		**(ltar W/ INOV + 5%**	0.4200
Dose Pump Time	5.06		**Tank Gal/IN**	21			
Drawdown in Inches	7.78						

31 repair/Panel Block

Bench Mark	8.00	is = 100.00	Location of BM					**Elevation Head**	6.10
Pump tank elev.		5	103.00	**Pump elev.**	98.00		**Manifold elev.**		104.10
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
10&11	Yel/Red	4.90	103.10	65	3/4in SCH 80	10.1	147.85	195	0.7582
12	Pink	5.40	102.60	50	1/2in SCH 40	7.11	104.08	150	0.6939
13	Orange	6.10	101.90	60	3/4in SCH 80	10.1	147.85	180	0.8214
14	PPl/Org	5.30	102.70	35	1/2in SCH 80	5.48	80.22	105	0.7640

	total	**feet =**	**210**	**gal/min =**	**32.79**	**LTAR =**	**0.6000**
						LTAR + %5	**0.6300**
% of Dose Vol.	75		**Des. Flow**	**480**		**(ltar W/ INOV)**	0.8000
Dose Volume	102.38		**Pump Run=**	14.64		**(ltar W/ INOV + 5%**	0.8400
Dose Pump Time	3.12		**Tank Gal/IN**	21			
Drawdown in Inches	4.88						



System: Pressure Manifold
Lines: 1–9, (335')
Accepted Status System
0.3 Soil LTAR
24" TB

Repair: Panel Block
Lines: 10–15, (210')

0.3 Soil LTAR
24" TB

GRAPHIC SCALE
1" = 50'

50 0 50 100

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

3–Bedroom Septic Layout
Lot 31, Woodland Park Subdivision
Franklin County, North Carolina

Job#	3953
Drawn By	JH
Date	09/24/2021
Revision:	