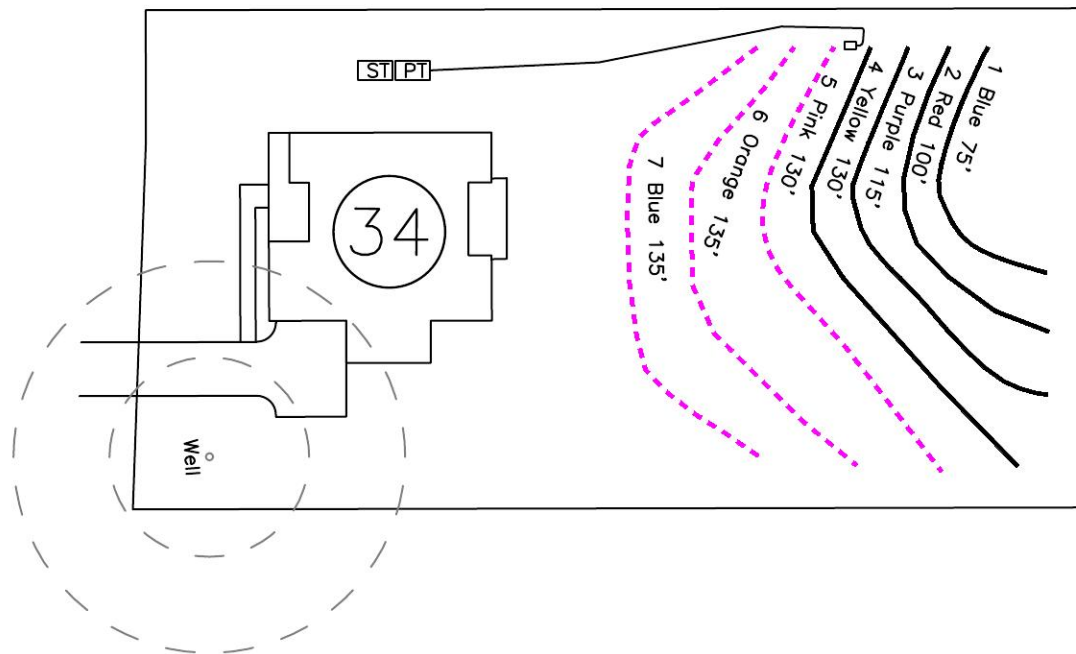


System: - - - - -
 Repair: —————



System: Pressure Manifold
 Lines: 5–7, (400')
 Accepted Status System
 0.3 Soil LTAR
 18" Trench Bottom

Repair: Pressure Manifold
 Lines: 1–4, (420')
 Accepted Status System
 0.3 Soil LTAR
 18" Trench Bottom

- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

GRAPHIC SCALE
 1" = 50'



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

4-Bedroom Septic Layout
 Lot 34, Carters Place
 Franklin County, North Carolina

Job# :3589
Drawn By : AH
Date : 1/30/23
Revision:

Carters Place S/D Lot 34 System Tap Chart

Bench Mark		Elevation Head							5.90
Pump tank elev.		4.3	95.70 <th>Pump elev.</th> <td>90.30</td> <th colspan="3">Manifold elev.</th> <td>96.20</td>	Pump elev.	90.30	Manifold elev.			96.20
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
5	Pink	4.80	95.20	130	3/4in SCH 80	10.1	160.00	390	0.4103
6	Orange	5.70	94.30	135	3/4in SCH 80	10.1	160.00	405	0.3951
7	Blue	6.50	93.50	135	3/4in SCH 80	10.1	160.00	405	0.3951
		total	feet =	400	gal/min =	30.3	LTAR =		0.3000
		LTAR + %5							0.3150
% of Dose Vol.		75	Des. Flow		480	(ltar W/ INOV)		0.4000	
Dose Volume		165.95	Pump Run=		15.84	(ltar W/ INOV + 5%)		0.4200	
Dose Pump Time		6.44	Tank Gal/IN		19.65				
Drawdown in Inches		8.30							

Carters Place S/D Lot 34 Repair Tap Chart

Bench Mark		Elevation Head							7.80
Pump tank elev.		4.3	95.70	Pump elev.	90.30	Manifold elev.			98.10
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Blue	2.90	97.10	75	1/2in SCH 40	7.11	80.85	225	0.3593
2	Red	3.40	96.60	100	3/4in SCH 80	10.1	114.85	300	0.3828
3	Purple	3.70	96.30	115	3/4in SCH 40	12.5	142.15	345	0.4120
4	Yellow	4.30	95.70	130	3/4in SCH 40	12.5	142.15	390	0.3645

**CCSC SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM**

Sheet:
Property ID:
Lot #: 34
File #:
ApplID:

Owner: Ashton Woods

Address:

Proposed Facility: 4-Bedroom Design Flow (.1949) 480 gal/day

Location of Site: Carter's Place Subdivision

Applicant:

Date Evaluated: 1/26/2023

Property Size:

Property Recorded: Yes

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 2%	A 0-2	GR SL	VFR NS NP SEXP	Pits Needed	PS 32			PS 0.3 PS 0.3
		BT1 2-8	SBK SCL	FR SS SP SEXP					
		BT2 8-24	SBK C	FR SS SP SEXP					
		BC 24-32	W-SBK CL	FR SS SP SEXP					
		C 32+							

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	III B	III B
Site LTAR	0.30	0.30

Other Factors (.1946):

Soil Evaluation By:

Others Present:

Site Classification (.1948): Provisionally Suitable

Site Evaluation By: Matt Burdette

Others Present:

Sheet:

COMMENTS:

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				SBK-Subangular Blocky	
HS-Head Slope	III	SI-Silt	0.6 - 0.3	ABK-Angular Blocky	
CC-Concave Slope				SICL-Silty Clay Loam	PL-Platy
CV-Convex Slope					PR-Prismatic
T-Terrace				IV	CL-Clay Loam SCL-Sandy Clay Loam
FP-Flood Plain	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