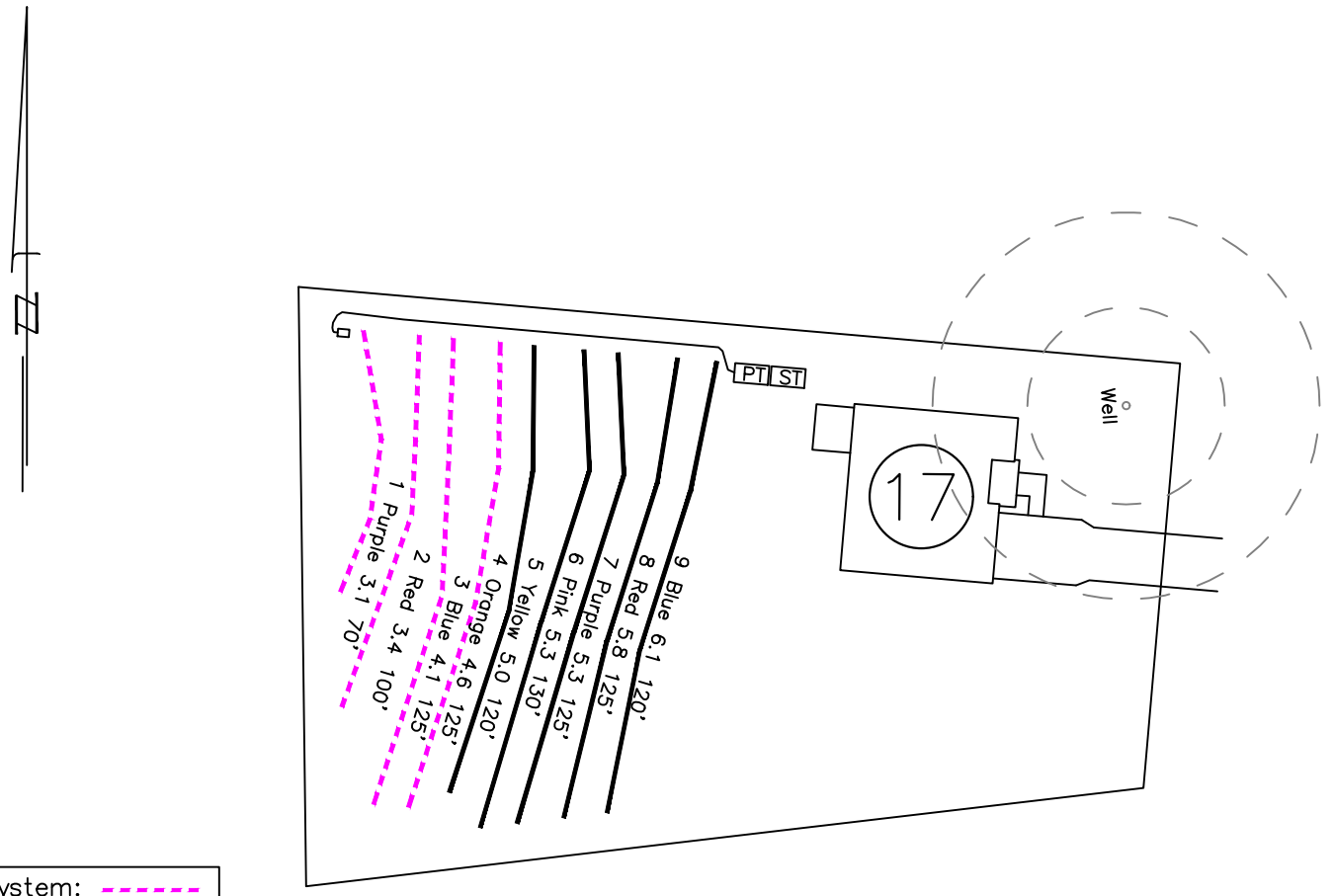

System:
Repair:

*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.

System: Pressure Manifold Lines: 1–4, (420') Accepted Status System 0.3 Soil LTAR 24" Trench Bottom
Repair: Low Profile Chamber Lines: 5–9, (620') 0.3 Soil LTAR 14" Trench Bottom

GRAPHIC SCALE
1" = 50'

50 0 100 150

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 17, Carters Place
Franklin County, North Carolina

Job# :3589
Drawn By : AH
Date : 10/13/22
Revision:

Carters Place S/D Lot 17
System Tap Chart

Bench Mark								**Elevation Head**	8.10
Pump tank elev.		6.5	93.50	**Pump elev.**	88.10		**Manifold elev.**		96.20
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
1	Purple	4.80	95.20	70	1/2in SCH 40	7.11	80.85	210	0.3850
2	Red	5.10	94.90	100	3/4in SCH 80	10.1	114.85	300	0.3828
3	Blue	5.70	94.30	125	3/4in SCH 40	12.5	142.15	375	0.3791
4	Orange	6.60	93.40	125	3/4in SCH 40	12.5	142.15	375	0.3791

	total	**feet =**	**420**	**gal/min =**	**42.21**		**LTAR =**	**0.3000**
							LTAR + %5	**0.3150**
% of Dose Vol.	75		**Des. Flow**	**480**			**(ltar W/ INOV)**	0.4000
Dose Volume	204.75		**Pump Run=**	11.37			**(ltar W/ INOV + 5%**	0.4200
Dose Pump Time	4.85		**Tank Gal/IN**	19.65				
Drawdown in Inches	10.42							

Carters Place S/D Lot 17
Repair Tap Chart

Bench Mark								**Elevation Head**	7.90
Pump tank elev.		6.5	93.50	**Pump elev.**	88.10		**Manifold elev.**		96.00
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
5	Yellow	5.00	95.00	120	1/2in SCH 40	7.11	96.00	360	0.2667
6	Pink	5.30	94.70	130	1/2in SCH 40	7.11	96.00	390	0.2462
7	Purple	5.30	94.70	125	1/2in SCH 40	7.11	96.00	375	0.2560
8	Red	5.80	94.20	125	1/2in SCH 40	7.11	96.00	375	0.2560
9	Blue	6.10	93.90	120	1/2in SCH 40	7.11	96.00	360	0.2667

	total	**feet =**	**620**	**gal/min =**	**35.55**		**LTAR =**	**0.3000**
							LTAR + %5	**0.3150**
% of Dose Vol.	75		**Des. Flow**	**480**				
Dose Volume	302.25		**Pump Run=**	13.50				
Dose Pump Time	8.50		**Tank Gal/IN**	19.65				
Drawdown in Inches	15.38							

Sheet:
Property ID:
Lot #: 17
File #:
AppID:

CCSC SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Ashton Woods
Applicant:
Address:
Date Evaluated: 10/11/2022
Proposed Facility: 4-Bedrooom
Design Flow (.1949): 480 gal/day
Property Size:
Location of Site: Carter's Place Subdivision
Property Recorded: Yes
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

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	LS	A 0-6	GR SL	VFR NS NP SEXP					PS
		BT1 6-12	SBK SCL	FR SS SP SEXP					0.30
		BT2 12-16	SBK CL	FR SS SP SEXP					
		BT3 16-30	SBK C	FR SS SP SEXP		48			
		BC 30-48	W-SBK CL	FR S SP SEXP					
2	LS	A 0-10	GR SL	VFR NS NP SEXP					U/PS
		BT1 10-14	SBK SCL	FR SS SP SEXP					0.30
		BT2 14-21	SBK CL	FR SS SP SEXP					
		BT3 21-24	SBK CL	FR SS SP SEXP		24			
		24			10YR 7/2 @ 24"				

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: Jamie Rice
Others Present: Michael Seewald

Sheet:

COMMENTS: 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				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence	**Consistence**	**Mineralogy**
Moist	**Wet**	SEXP-Slightly Expansive
VFR-Very Friable	NS-Non-Sticky	EXP-Expansive
FR-Friable	SS-Slightly Sticky	
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