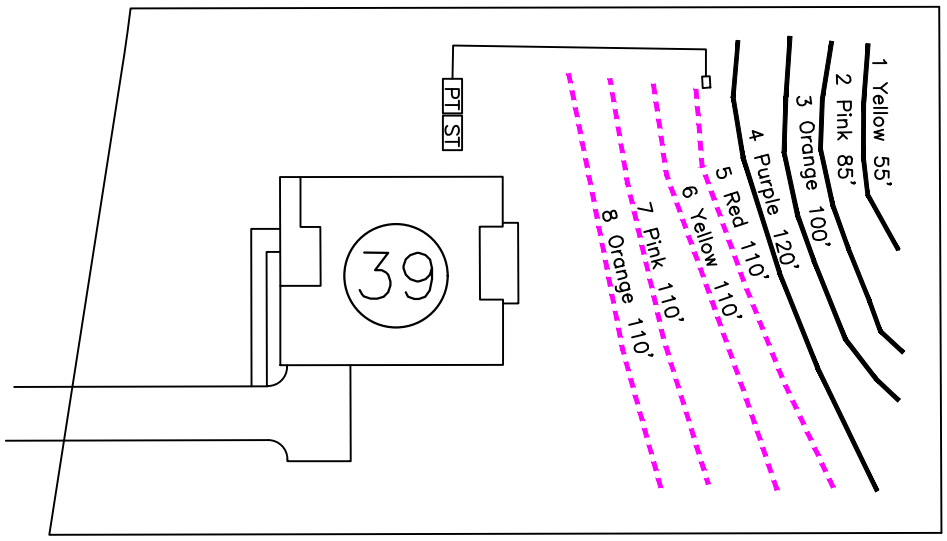
System:
Repair:



*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: 5–8, (440')
Accepted Status System
0.275 Soil LTAR
20" Trench Bottom

Repair: Pressure Manifold
Lines: 1–4, (360')
T&J Panel 50% Reduction
0.275 Soil LTAR
16" 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 39, Carters Place
Franklin County, North Carolina

Job# :3589
Drawn By : AH
Date : 3/9/23
Revision:

Carters Place S/D Lot 39
TAP CHART

Bench Mark								**Elevation Head**	9.40
Pump tank elev.		6	94.00	**Pump elev.**	88.60		**Manifold elev.**		98.00
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
5	Red	3.00	97.00	110	1/2in SCH 40	7.11	120.00	330	0.3636
6	Yellow	3.40	96.60	110	1/2in SCH 40	7.11	120.00	330	0.3636
7	Pink	3.90	96.10	110	1/2in SCH 40	7.11	120.00	330	0.3636
8	Orange	4.30	95.70	110	1/2in SCH 40	7.11	120.00	330	0.3636

	total	**feet =**	**440**	**gal/min =**	**28.44**	**LTAR =**	**0.2750**
						LTAR + %5	**0.2888**
% of Dose Vol.	75		**Des. Flow**	**480**		**(Itar W/ INOV)**	0.3667
Dose Volume	214.50		**Pump Run=**	16.88		**(Itar W/ INOV + 5%**	0.3850
Dose Pump Time	7.54		**Tank Gal/IN**	19.65			
Drawdown in Inches	10.92						

Carters Place S/D Lot 39
T&J Panel Block Repair, TAP CHART

Bench Mark								**Elevation Head**	10.60		
Pump tank elev.		6	94.00	**Pump elev.**	88.60		**Manifold elev.**		99.20		**Spacing of**
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**	**# of Panels**	**Panels (in)**
1	Yellow	1.80	98.20	55	1/2in SCH 80	5.48	74.75	165	0.4530	13	4.4
2	Pink	2.10	97.90	85	1/2in SCH 40	7.11	96.98	255	0.3803	20	4.8
3	Orange	2.30	97.70	100	3/4in SCH 80	10.1	137.77	300	0.4592	23	5.9
4	Purple	2.80	97.20	120	3/4in SCH 40	12.5	170.50	360	0.4736	28	5.2

							Total Number of Panels:	84
	total	**feet =**	**360**	**gal/min =**	**35.19**	**LTAR =**	**0.2750**	
						LTAR + %5	**0.2888**	
% of Dose Vol.	0		**Des. Flow**	**480**		**(Itar W/ INOV)**	0.5500	
Dose Volume	420.00		**Pump Run=**	13.64		**(Itar W/ INOV + 5%**	0.5775	
Dose Pump Time	11.94		**Tank Gal/IN**	19.65				
Drawdown in Inches	21.37							

Sheet:
Property ID:
Lot #: 39
File #:
AppID:

CCSC SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Applicant:
Address: Date Evaluated: 3/8/2023
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	AE 0-9	GR SL	VFR NS NP SEXP					PS
	6%	Bt1 9-24	SBK C	FR SS SP SEXP					0.275
		BC 24-37	W-SBK C	FI SS SP SEXP					
		C 37+				37			
2	SS	AE 0-7	GR SL	VFR NS NP SEXP					U/PS
	2%	Bt1 7-23	SBK C	FR SS SP SEXP					0.275
		Bt2 23-30	W-SBK C	FR SS SP SEXP					
		Bt3 30+				30			

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	III B	III B
Site LTAR	0.275	0.275

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: Michael Seewald
Others Present:

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 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