173 DJ DR

BLDR-2023-31989

4726901810.000

Residential Subsurface Wastewater Treatment and Disposal System AOWE ATO

OSWP-2023-31644

for

Lot 48 - Wood Rose Park
DJ Drive
Statesville, NC 28625

Tax Parcel Number: 4726901810.000
December 22, 2023

Prepared for:

Four Corners of Charlotte LLC
1612 Seattle Slew Court
Waxhaw, NC 28173
704-713-2602



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



Project Specifics

TEC previously submitted an AOWE permit package for Four Corners of Charlotte LLC. who constructed a new 3-bedroom single family residence on Lot 48 – Wild Rose Park, DJ Drive, Statesville, North Carolina (Iredell County Parcel: 4726901810.000). The residence is served by a municipal water supply.

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Provisionally Suitable" Group IV soils are available for the installation of a **Gravity Flow Accepted System** for a 360 GPD system at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR).

The system has been installed by Dewey Grant (Level II Installer 2607) and inspected by TEC. The system has been installed in general accordance with the AOWE permit package submitted to your office. The recommended maintenance plan and as-built drawing are included in this package. This report shall allow the Authorization to Operate to be issued for the certificate of occupancy for the above referenced facility.

OPERATION and MAINTENANCE

A. Operation and Maintenance

1. The septic tank and pump tank shall be pumped out when the solids within the septic tank reach an elevation that is equivalent to 25% of the volume of the tank. The grease trap will need to be.
2. The effluent filter should be inspected annually. When it becomes necessary to clean the effluent filter, the filter should be removed, and the accumulated debris washed back into the septic – not onto the lawn.
3. The drainfield area should be maintained to prevent overgrowth of vegetation. Any damp areas, leakages or malfunctions should be addressed immediately.
4. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

B. Suggestions to the Property Owner

1. Grease, cooking oils, coffee grounds and non-degradable solids (disposable diapers, cigarettes and solid paper wastes) should never be put into a septic tank.
2. Used motor oil or any oily liquids should not be disposed of in a septic tank.
3. Be aware of the amount of water that you are using in the business. Water saving fixtures and devices can be installed on sinks and toilets to reduce the volume of wastewater that you are sending to your drain field.
4. Run dishwashers only when you have a full load.
5. Repair leaky faucets and toilets. Small drips equal large volumes of water over time and can over burden your drainfield.
6. Do not use chemical additives in your system. Studies have indicated that they do not increase the biological activity that naturally occurs in the septic system and in some cases certain additives have been found to be detrimental to the life of a system.

FIGURE 1

Prepared For:
Four Corners of Charlotte LLC

Septic As-Built Plans
Lot 48 - Wood Rose Park
DJ Drive
Statesville, NC 28625
Iredell County

Scale: 0 20 40 ft

TEC Job No.
23-349

Date:
July 2023

Thompson Environmental Consulting
WATER - WASTEWATER - WETLANDS

North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

x New ____ Expansion ____ Repair ____ Relocation ____ Relocation of Repair Area

Owner or Legal Representative Information:
Name: Four Corners of Charlotte LLC
Mailing address: 1612 Seattle Slew Court City: Waxhaw State: NC Zip: 28173
Phone: 704-713-2602 Email: romelle03@yahoo.com

Authorized Onsite Wastewater Evaluator Information:
Name: Larry Thompson Certification #: 10016E
Mailing address: PO Box 541 City: Midland State: NC Zip: 28107
Phone: 704-301-4881 Email: larry@thompsonenv.com

Site Location Information:
Site address: 173 DJ Drive, Statesville, NC 28625
Tax parcel identification number or subdivision lot, block number of property: 4726901810.000
Lot 48 - Wood Rose Park County: Iredell

System Information:
Wastewater System Type: Gravity-Flow Accepted
Daily Design Flow: 360 gpd
Saprolite System: ____Yes x No Subsurface Operator Required: ____ Yes x No
Water Supply Type: ____Private Well ____Public Water Supply x Spring ____Other: ____

Facility Type:
x Residential 3 # Bedrooms 6 Maximum # of Occupants
____Business Type of Business and Basis for Flow: ____
____Public Assembly Type of Public Assembly and Basis for Flow: ____

Required Attachments:
x Plat or Site Plan
x Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 23rd day of July, 2023 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.
This NOI shall expire on 23rd day of July, 2028.

Signature of Authorized Onsite Wastewater Evaluator: L Thompson

Signature of Owner or Legal Representative: ramon gonzalez (Jul 23, 2023 15:09 EDT)

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:
Signature of Local Health Department Representative: Benjamin A Botkins Date: 8/2/2023

Wood Rose Park Lot 48

Public Health
Prevent Promote Protect
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent Promote Protect
Iredell County Health Department

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*)** _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☒ **2.** I, Four Corners of Charlotte LLC, am the legal owner(s) of the property located at Lot 48 - Wood Rose Park, 173 DJ Dr., Statesville, NC 28625, identified as PIN (Parcel Identification Number) 4726901810.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**)
Larry Thompson, Thompson Environmental, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

ramon gonzalez (Jul 22, 2023 11:47 EDT)

Signature of Owner(s)

Jul 22, 2023
Date

The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6).

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 9/7/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Higginbotham Insurance Agency, Inc. 500 W. 13th Street Fort Worth TX 76102 License#: 2081754	**CONTACT NAME:** David Vaughan **PHONE (A/C, No, Ext):** 9187797880 **FAX (A/C, No):** 817-882-9284 **E-MAIL ADDRESS:** dlvjr@higginbotham.net
INSURED Thompson Environmental Consulting, Inc. PO Box 541 Midland NC 28107-0541 THOMENV-01	**INSURER(S) AFFORDING COVERAGE** / **NAIC #** **INSURER A :** Mid-Continent Casualty Company / 23418 **INSURER B :** Hartford Underwriters Insurance Company / 30104 **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 1600075032 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** CLAIMS-MADE [X] OCCUR X Professional GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY [ ] PRO-JECT [ ] LOC OTHER:			04-GL-001086672	9/25/2022	9/25/2023	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ Excluded $ 1,000,000 $ 3,000,000 $ 3,000,000
	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS HIRED AUTOS ONLY NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	UMBRELLA LIAB OCCUR **EXCESS LIAB** CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
B	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? **(Mandatory in NH)** Y / N [N] If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		38WECNW6175	10/17/2022	10/17/2023	X PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

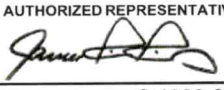
CERTIFICATE HOLDER

For Informational Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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Residential Subsurface Wastewater Treatment and Disposal System AOWE Permit

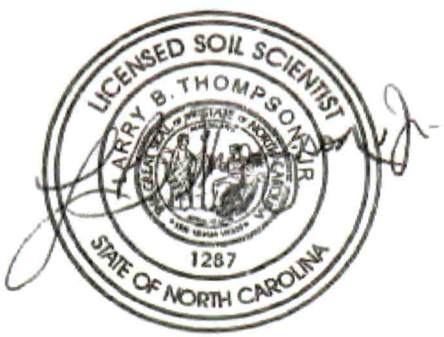
for

Lot 48 - Wood Rose Park
173 DJ Drive
Statesville, NC 28625

Tax Parcel Number: 4726901810.000
July 22, 2023

Prepared for:

Four Corners of Charlotte LLC
1612 Seattle Slew Court
Waxhaw, NC 28173
704-713-2602



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



Project Specifics

The following wastewater treatment and disposal system AOWE permit is submitted to Iredell County Environmental Health at the request of Four Corners of Charlotte LLC. who plans to build a 3-bedroom single family residence on Lot 48 – Wild Rose Park, 173 DJ Drive, Statesville, North Carolina (Iredell County Parcel: 4726901810.000). The proposed residence will be served by a municipal water supply.

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Provisionally Suitable" Group IV soils are available for the installation of a **Gravity Flow Accepted System** for a 360 GPD system at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR).

This proposal is being submitted pursuant to and meets the requirements of G.S. 130A-336.2. (AOWE Permitting).

Location

From Statesville, take NC 115 N. 3.5 miles, turning left onto Scotts Creek Road, left onto Ethel Lane, and right onto DJ Drive. Lot is located on the left near the end of the street.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A, Section .1900, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, April 1, 2017.

Accepted Wastewater System No. AWWS-2005-02-R6; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, August 21, 2015.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
NC Authorized Onsite Wastewater Evaluator No. 10016E
SC Certified Professional Soil Classifier No. 111
NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. The septic tank shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and 1,000 gallons in capacity (minimum).

2. The septic tank will be fitted with an approved effluent filter and riser for easy access and periodic maintenance.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

B. Pipe, Fittings and Supply Line

1. All discharge piping, connectors, and supply lines should be made of SCH 40 PVC and fitted with pressure-rated couplings.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

C. Distribution Method

1. Individual drainlines shall be evenly fed via a distribution box.
2. Distribution box shall be water tested for equal flow at the time of the final inspection.

D. Drainfield Installation

1. The drainfield has been previously laid out on-site utilizing metal stemmed flags. The property owner/builder should mark this area and isolate it as much as possible from construction traffic
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition.
3. The specified system is an accepted wastewater system, specifically the Infiltrator Quick 4 chamber system.
4. **The drainfield addition consists of three (3) 3-foot wide by 100-foot long drainlines. Total drainline length for the complete system is 300 linear feet.**
5. The maximum trench depth for this system shall be **24 inches**.
6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.
7. The trenches should be left open for the final inspection by the system designer.

E. Final Landscaping

1. The final soil cover over the drainfield shall be a minimum of 6 inches deep.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

Maintenance

F. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation equivalent to 25 percent of the tank's volume. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When cleaning the effluent filter, the filter should be removed, and the accumulated debris will be washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages, or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

Design Specifics

Daily Design Flow:	360 GPD – 3 bedroom house
Septic Tank Size:	1,000 Gallons
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Infiltrator Quick4 Standard Chamber System
Distribution Method:	Distribution Box
Number of New Drainlines	(3) 3-ft Wide x 100-ft Long
Total Drainline Length:	300 Linear Feet
Maximum Trench Depth:	24 Inches
Required Soil Cover:	6 Inches

Repair Option

Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Acccepted (25% Reduction)
Required Linear Footage:	300 Linear Feet
Available Linear Footage:	300 Linear Feet

Maximum Trench Depth:	24 Inches
Required Soil Cover:	6 Inches

FIGURE 1

Prepared For:

Four Corners of Charlotte LLC

Proposed Septic Layout

Lot 48 - Wood Rose Park
173 DJ Drive
Statesville, NC 28625

Iredell County

Scale: 0 20 40 ft

TEC Job No. 23-349

Date: July 2023

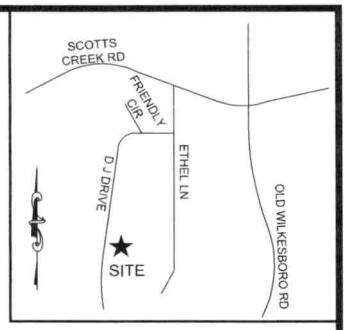
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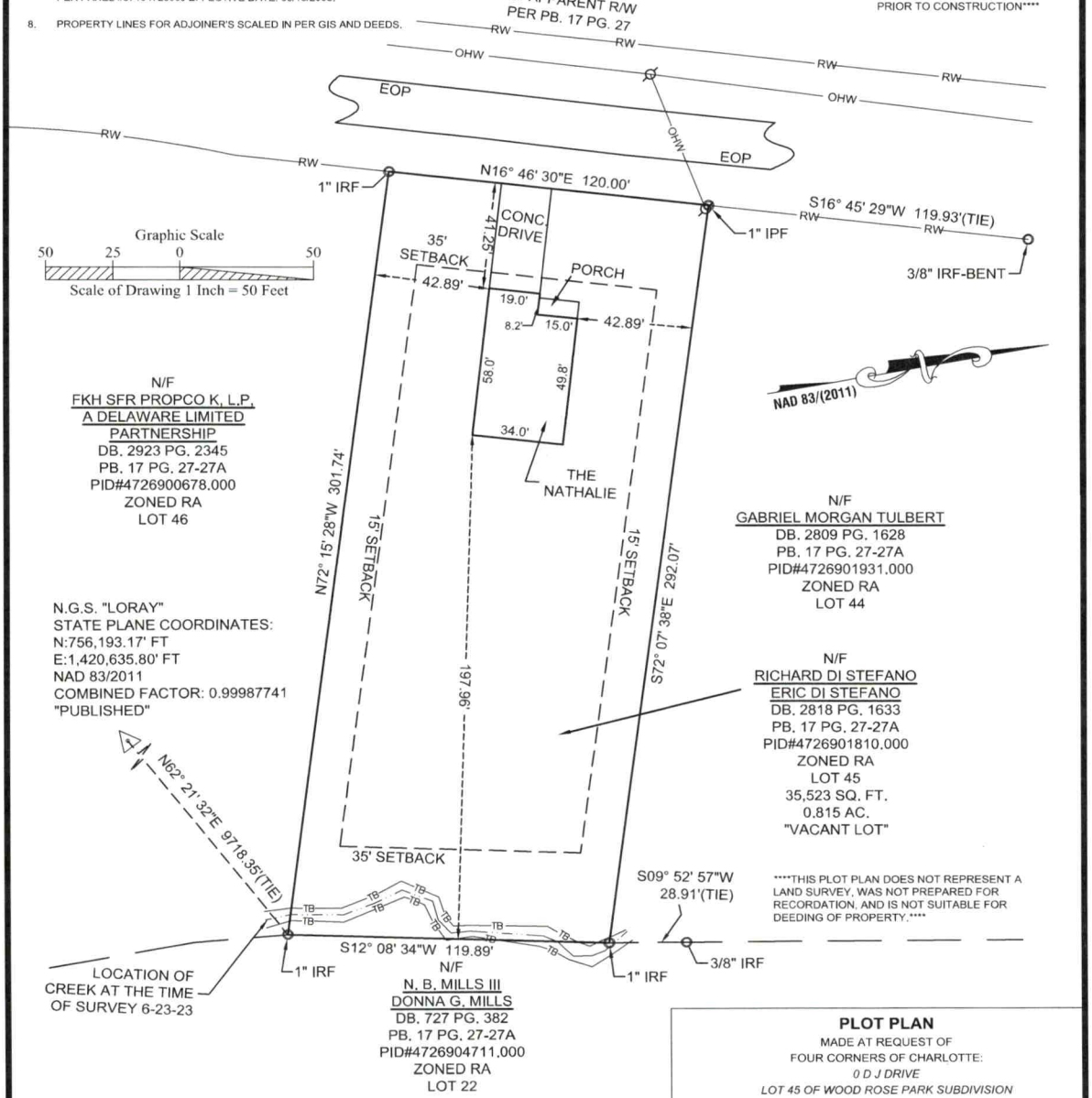
NOTES

1. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES AND ARE IN US SURVEY FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED.
2. ALL AREAS HAVE BEEN COMPUTED BY THE COORDINATE GEOMETRY METHOD.
3. THIS DRAWING IS NOT INTENDED TO CONFORM TO N.C. GS47-30 AND IS THEREFORE NOT FOR RECORDATION.
4. THIS MAP WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY AND MAY BE SUBJECT TO EASEMENTS, COVENANTS, RESTRICTIONS, ROAD RIGHT-OF-WAY AND OTHER MATTERS EITHER RECORDED OR IMPLIED. RECORDED/ UNRECORDED/ IMPLIED UTILITY EASEMENTS MAY EXIST.
5. TIES TO NCGS MONUMENT SHOWN HEREON, NC GRID COORDINATES AS SHOWN HEREON ARE BASED UPON GPS OBSERVATIONS UTILIZING NCGS' NETWORK RTK SYSTEM WITH A SPECTRA 85 AND ARE REFERENCED TO THE NAD 83(NSRS 2011) DATUM. COMBINED FACTOR 0.99987741. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES (US SURVEY FOOT) UNLESS OTHERWISE NOTED.
6. SUBJECT PROPERTY IS CURRENTLY ZONED RA PER IREDELL COUNTY GIS. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.
7. NO PORTION OF THIS PARCEL LIES WITHIN A COMMUNITY OR FEMA FLOOD ZONE PER PANEL #3710472600J EFFECTIVE DATE: 03/18/2008.
8. PROPERTY LINES FOR ADJOINER'S SCALED IN PER GIS AND DEEDS.

LEGEND

O IRF	#4 REBAR FOUND
O IRP	IRON PIPE FOUND
———	LINES NOT SURVEYED
— — —	SETBACKS
—RW—	RIGHT OF WAY
—OHW—	OVERHEAD WIRES
⌀	UTILITY POLE
EOP	EDGE OF PAVEMENT
----TB----	TOP OF BANK
— · —	CENTER LINE CREEK





THIS IS AN EXISTING PARCEL OF LAND WITHIN A MUNICIPALITY THAT REGULATES PARCELS OF LAND.

I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DESCRIPTION RECORDED IN DEED BOOK 2818 PAGE 1633); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN PLAT BOOK 17, PAGE 27-27A; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY IS 1:10,000; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). THIS 29TH DAY OF JUNE, 2023.

PRELIMINARY

J. ERIC CLEMMER REGISTRATION# L-5315 DATE

NORTH CAROLINA PROFESSIONAL SEAL L-5315 LAND SURVEYOR J. ERIC CLEMMER

PLOT PLAN

MADE AT REQUEST OF
FOUR CORNERS OF CHARLOTTE:
0 D J DRIVE
LOT 45 OF WOOD ROSE PARK SUBDIVISION
PLAT BOOK 17 PAGES 27-27A DEED BOOK 2818 PAGE 1633
CITY OF STATESVILLE, IREDELL COUNTY, NC
DATE: JUNE 29, 2023
SCALE: 1"=50'

SHEET 1 OF 1	DRAWN BY: KRS	PROJECT#: 1091-0100

PROPERTY OWNER:
RICHARD DI STEFANO & ERIC DI STEFANO
DB, 2818 PG, 1633 PB, 17 PG, 27-27A
SUBJECT TRACT PID# 4726901810.000

SURVEY PROVIDED BY:

TIDEMARK LAND SERVICES
3556-A CENTRE CIRCLE FORT MILL, SC 29715
844-865-5263 NC FIRM C-4291 SC COA 5654

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

Sheet ___ of ___
PROPERTY ID #:
COUNTY:

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

OWNER:
ADDRESS:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE:
DATE EVALUATED:
PROPERTY SIZE:
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 30%	0-3	GR/SL	FR/NS/NP/vfr	–	50+	–	–	
		3-9	SBK/SCL	FR/SS/SP/vfr					
		9-50+	SBK/C	FI/SS/SP/vfr					
2	LS 30%	0-2	GR/SL	FR/NS/NP/vfr	–	50+	–	–	
		2-10	SBK/SCL	FR/SS/SP/vfr					
		10-50+	SBK/C	FI/SS/SP/vfr					
3	LS 24%	0-3	GR/SL	FR/NS/NP/vfr	–	48	I/L	–	
		3-10	SBK/SCL	FR/SS/SP/vfr					
		10-29	SBK/C	FI/SS/SP/vfr					
		29-48	SBK/C	FI/SS/SP/vfr					
4	LS 29%	0-2	GR/SL	FR/NS/NP/vfr	–	48	I/L	–	
		2-10	SBK/SCL	FR/SS/SP/vfr					
		10-33	SBK/C	FI/SS/SP/vfr					
		33-48	SBK/C	FI/SS/SP/vfr					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

LICENSED SOIL SCIENTIST
LARRY B. THOMPSON, JR.
1287
STATE OF NORTH CAROLINA

COMMENTS:

Updated February 2014

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

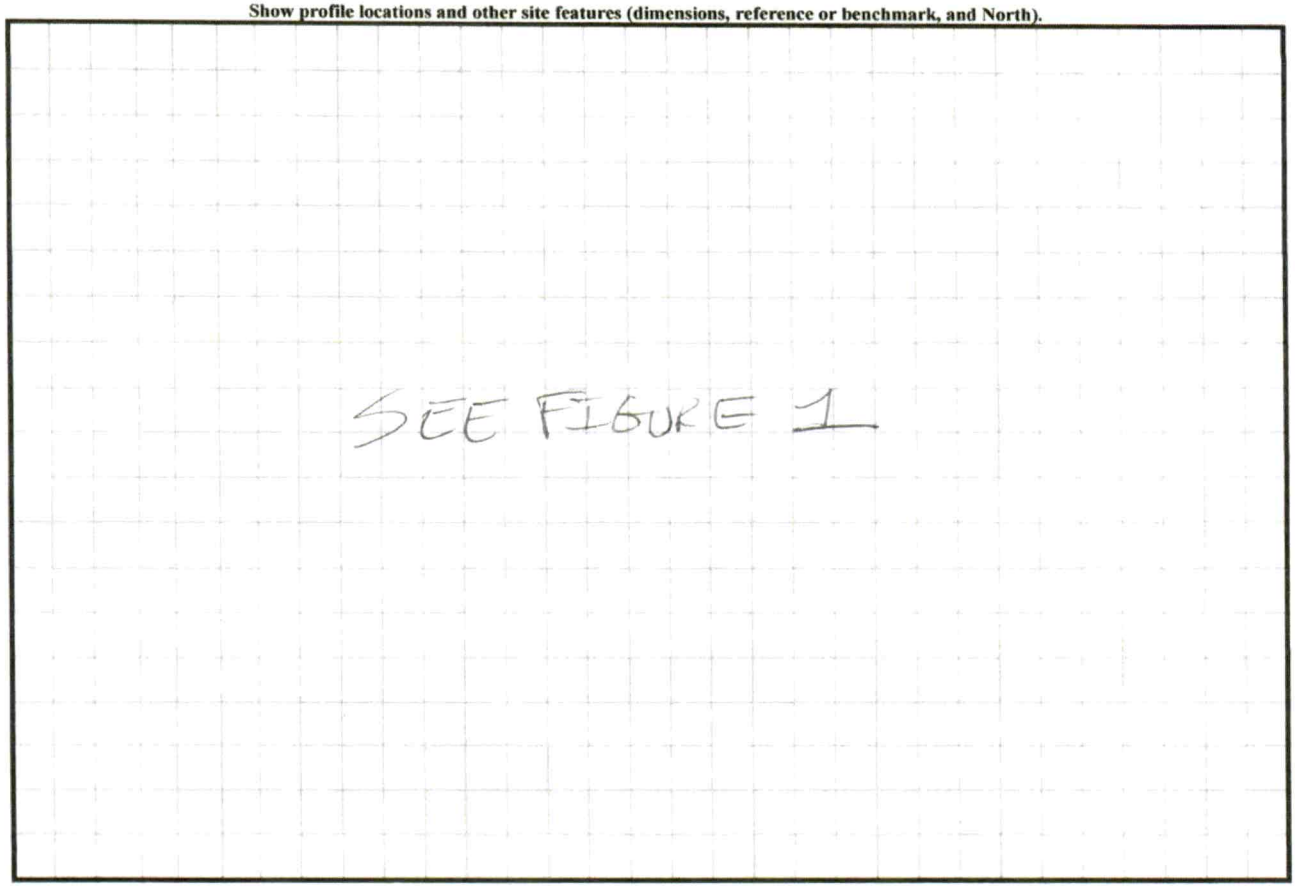
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

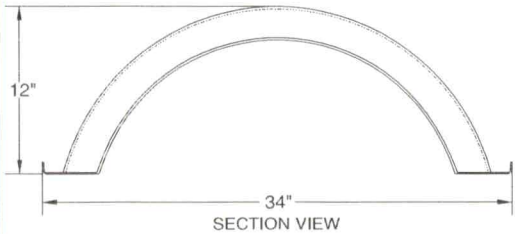
Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).

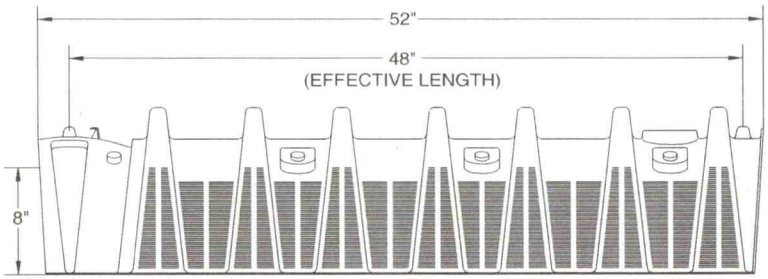


Quick4™
STANDARD CHAMBER

Quick4 Standard Chamber

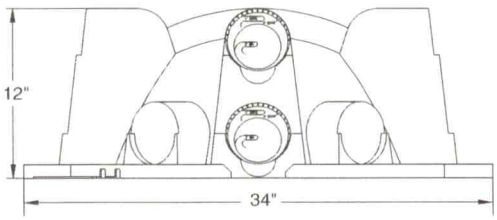


SECTION VIEW

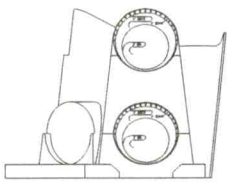


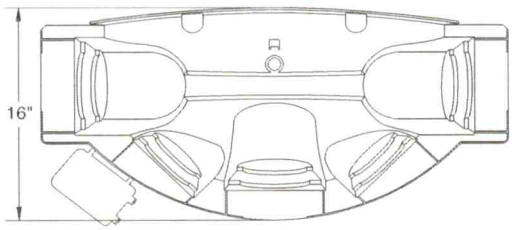
SIDE VIEW

MultiPort End Cap



FRONT VIEW


SIDE VIEW



TOP VIEW

Quick4 Standard Chamber Nominal Specifications	
Size (W x L x H)	34" x 52" x 12"
Effective Length	48"
Invert Height	8"

MultiPort End Cap Nominal Specifications	
Size (W x L x H)	34" x 16" x 12"
Invert Height	8" or 1.25"

INFILTRATOR SYSTEMS, INC. STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, end plate, wedge and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

INFILTRATOR® SYSTEMS INC
Environmental Onsite Wastewater Solutions℠

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800-221-4436

U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844
Canadian Patents: 1,329,959; 2,004,564 Other patents pending.

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