ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 314499

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4638 -- 01 -- 9306

APPLICANT/OWNER: Derik Baltich APPLICANT ADDRESS: 103 Kenway Loop, Mooresville NC 28117

SITE ADDRESS: 165 Ross Rd, Mooresville NC 28117 PHONE: 704 877 3484 ALT. PHONE

SITE DIRECTIONS: (W) NC150 → (R) Waddell → (R) Hermance → (R) Ross → Lot on (L) SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: CL & T SECTION: 11 LOT # 227 LOT AREA: 1.05 ac DESIGN FLOW: 480gpd L.T.A.R.: 0.3 / 0.15

Septic Tank 1000 (gal)	STB	Date	[X] New System [ ] Repair [ ] Expansion System Type: I II III (IV) V VI	[X] Residence	No. Bedrooms 4	Water Supply
Pump Tank 1000 (gal)	PT	Date	System Description: HPPBPS-LP (50% Reduction)	[ ] Business	No. Persons 8	[X] Private
Pump Make	Model	Serial #	Repair System Description: Drip - 3400 ft²	[ ] Other	No. Employees	[ ] Public
# Nitrification Fields 1	# Lines 5	Linear Ft 280'	Maintenance Agreement Required: [X] YES [ ] NO	[ ] Slab	[ ] Crawl Space	[ ] Community
Trench Width 36"	Trench Bottom Depth(Low side) 25"	Gravel Depth N/A	[ ] GRAVITY [X] PRESSURE	[X] Basement w/plumbing	[ ] Basement w/o plumbing	

Comments / Conditions: Soil must be removed from repair area for OP to be signed
Install on contour. protect septic area from further sediment deposition.
Have easement staked - stay 10' from edge of it.
Stake pool at time of installation.

INITIAL SITE SKETCH

See attached site plan by Michael Athanas & ICHD, & attached spec sheet

approved 8/17/22

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Electrical ✓ 10/4/23
Alarm ✓ MW
PH
Floats CW 10/5/23
CUB

As Built Attached

tanks 8/30/22 DW

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: Specialty Septic

IMPROVEMENT PERMIT by: D. Mebane Date: 8/17/22 OPERATION PERMIT by: D. Mebane Date: 10/10/23

AUTHORIZATION TO CONSTRUCT by: D. Mebane Date: 8/17/22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

OSWP-2022-0427

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 314499

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4638 -- 01 -- 9306

APPLICANT/OWNER: Derik Baltich APPLICANT ADDRESS: 103 Kenway Loop, Mooresville NC 28117

SITE ADDRESS: 165 Ross Rd, Mooresville NC 28117 PHONE: 704 877 3484 ALT. PHONE

SITE DIRECTIONS: (W) NC150 → (R) Waddell → (R) Hermance → (R) Ross → lot on (L) SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: CL & T SECTION: 11 LOT # 227 LOT AREA: 1.05 ac DESIGN FLOW: 480gpd L.T.A.R.: 0.3 / 0.15

Septic Tank 1000 (gal) STB Date
Pump Tank 1000 (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 5 Linear Ft 2801
Trench Width 36" Trench Bottom Depth(Low side) 25" Gravel Depth N/A

[X] New System [ ] Repair [ ] Expansion System Type: I II III (IV) V VI
System Description: HPPBPS-LP (50% Reduction)
Repair System Description: Drip - 3400 ft²
Maintenance Agreement Required: [X] YES [ ] NO
[ ] GRAVITY [X] PRESSURE

[X] Residence No. Bedrooms 4
[ ] Business No. Persons 8
[ ] Other No. Employees
[ ] Slab [ ] Crawl Space
[X] Basement w/plumbing [ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: Soil must be removed from repair area for OP to be signed
Install on contour. protect septic area from further sediment deposition.
Have easement staked - stay 10' from edge of it.
Stake pool at time of installation.

INITIAL SITE SKETCH

See attached site plan by Michael Athanas & ICHD, & attached spec sheet

approved 8/17/22

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

As Built Attached

tanks 8/30/22 12:00

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

[ ] **IMPROVEMENT PERMIT** *with plat valid without expiration.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: Specialty Septic

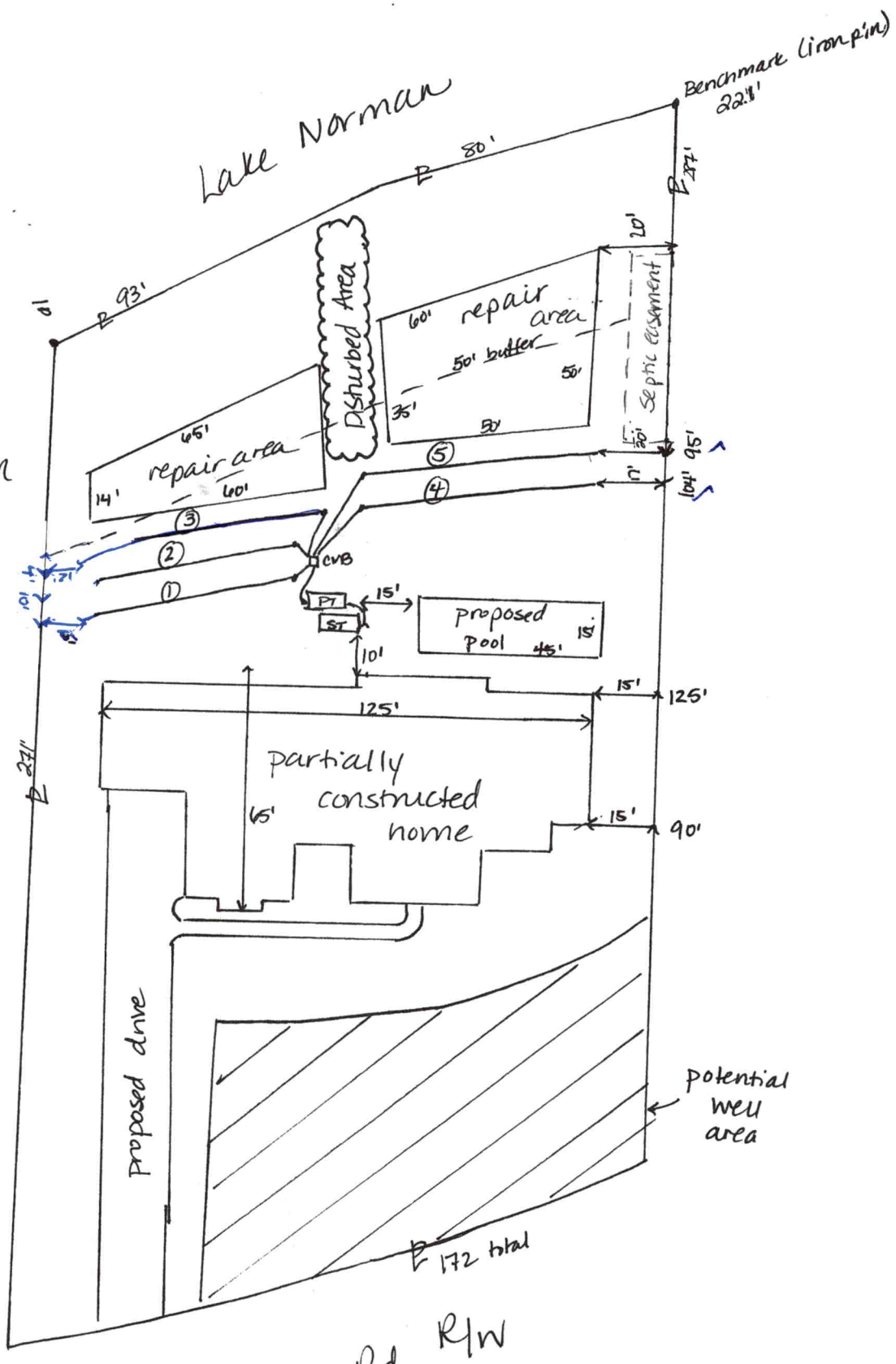
IMPROVEMENT PERMIT by: D. Wiebez Date: 8/17/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: D. Wiebez Date: 8/17/22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

approved
8/17/22

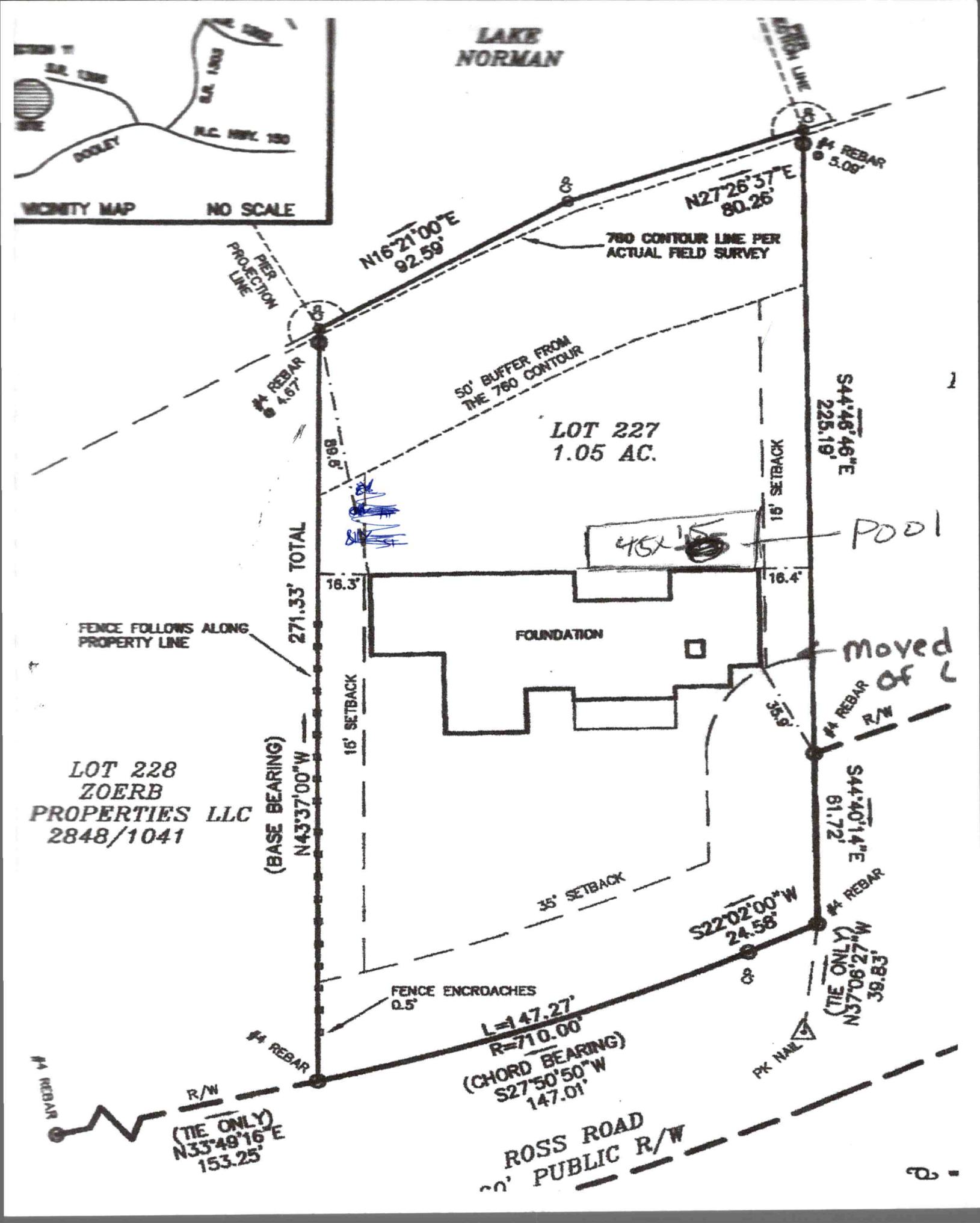
As Built



	length	elevation
①	48'	8.6'
②	52'	9.6'
③ & ④	60'	10.7'
⑤	60'	12.1'

165 Ross Rd
Mooresville NC

1" = 40'


LAKE NORMAN
VICINITY MAP
NO SCALE
N.C. HWY. 150
PIER PROJECTION LINE
N16°21'00"E
92.59'
N27°26'37"E
80.26'
#4 REBAR
5.09'
780 CONTOUR LINE PER ACTUAL FIELD SURVEY
#4 REBAR
1.67'
50' BUFFER FROM THE 760 CONTOUR
LOT 227
1.05 AC.
S44°46'46"E
225.19'
15' SETBACK
POOL
16.3'
16.4'
271.33' TOTAL
FENCE FOLLOWS ALONG PROPERTY LINE
FOUNDATION
Moved
16' SETBACK
(BASE BEARING)
N43°37'00"W
LOT 228
ZOERB
PROPERTIES LLC
2848/1041
#4 REBAR
R/W
S44°40'14"E
61.72'
35' SETBACK
S22°02'00"W
24.58'
#4 REBAR
FENCE ENCROACHES
0.5'
L=147.27'
R=710.00'
(CHORD BEARING)
S27°50'50"W
147.01'
#4 REBAR
PK NAIL
(TIE ONLY)
N37°08'27"W
39.83'
#4 REBAR
R/W
(TIE ONLY)
N33°49'16"E
153.25'
ROSS ROAD
PUBLIC R/W



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
7/28/2021

Reference: Data Sheet for 165 Ross Rd, CL&T Sec 11 Lot 227
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side, 50' lake
Water Source: Private well
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2 (initial), 0.15 GPD/FT^2 (repair)
Proposed System Type: Horizontal PPBPS
Proposed Repair System Type: TSII American Perc-Rite
Distribution: Low Pressure-CVB
Flow per Orifice: 0.59 GPM
Orifice Size: 3/16"
System Flow: 38.4 GPM
Dosing Volume: 234 gallons
Pump Run Time: 6.1 minutes
Elevation Head: 5.2'
Friction Head: 2.8'
Pressure Head: 2'
Total Dynamic Head: 10'
Supply Line Length: 90' of 2" PVC
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 25" Low side (initial), 12" (repair)



Line	Design Length	# of Panels	Actual Length	Elevation
Pink 1	48'	11	50'	8.6'
White 2	52'	12	57'	9.6'
Blue 3	60'/60'	14/14	128'	10.7'
Orange 4	60'	14	60'	12.1'

Initial System: 280'
Repair System: 3820 FT^2
Pump Tank: 8.8'
House Corner: 1.4'
Benchmark: 22.1'

Comments:

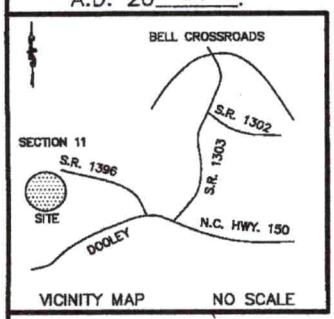
DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2633, page 1528, and/or plat book 14, page 50, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C.

my hand and seal on the 21, day of JANUARY,
A.D. 20 22.

WILLIAM M. ALLEN, NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN

UPDATED: 8-15-2022
(ADDED SEPTIC ESMT.)



VICINITY MAP NO SCALE

LAKE NORMAN

PIER PROJECTION LINE

#4 REBAR @ 5.09'

N27°26'37"E 80.26'

N16°21'00"E 92.59'

760 CONTOUR LINE PER ACTUAL FIELD SURVEY

50' BUFFER FROM THE 760 CONTOUR

#4 REBAR @ 4.67'

LINE TABLE		
LINE	BEARING	LENGTH
L1	S 44°46'46" E	40.00'
L2	S 44°46'46" E	50.00'
L3	S 45°13'14" W	10.00'
L4	N 44°46'46" W	50.00'
L5	N 45°13'14" E	10.00'

SEPTIC EASEMENT PER DB. 2622 PG. 1528

LOT 227
1.05 AC.

LOT 226
RONALD KARNS
1773/1915

S44°46'46"E 225.19' TOTAL

15' SETBACK

16.3'

16.4'

271.33' TOTAL

FENCE FOLLOWS ALONG PROPERTY LINE

FOUNDATION

PB. 14 PG. 50

35.9'

#4 REBAR

R/W

S44°40'14"E 61.72'

(BASE BEARING) N43°37'00"W

35' SETBACK

LOT 228
ZOERB
PROPERTIES LLC
2848/1041

S22°02'00"W 24.58'

#4 REBAR

(TIE ONLY) N37°26'27"W 39.83'

FENCE ENCROACHES 0.5'

L=147.27'
R=710.00'
(CHORD BEARING)
S27°50'50"W
147.01'

PK NAIL

#4 REBAR

R/W

(TIE ONLY) N33°49'16"E 153.25'

ROSS ROAD
60' PUBLIC R/W

LEGEND
P.P. = POWER POLE
DUKE POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
W = WELL
CP = COMPUTED POINT
LP = LIGHT POLE
PDE = PUBLIC DRAINAGE EASEMENT

0' 25' 50' 100'
SCALE IN FEET

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENT AND/OR RIGHTS-OF-WAY OF RECORD.
2) AREA COMPUTED BY THE COORDINATE METHOD.
3) EXISTING 760' & 761' CONTOUR ELEVATION BASED ON LAKE NORMAN LAKE LEVEL AT COWAN'S FORD DAM (READING ON 8-19-19) ELEVATION: 757.3'
4) OVERHEAD POWER

FOUNDATION SURVEY

OF
165 ROSS ROAD
LOT 227 CRESCENT LAND & TIMBER CORP., SECT. 11
DAVIDSON TWSP., IREDELL CO., N.C.

SCALE 1" = 50'

ACQUIRED BY: DERIK N. & STEPHANIE T. BALTICH

FIELD BOOK:
FILE: CLT 227 S11
DC FILE:
TAX MAP NO: 4638019306

PROPERTY ID #: 4638019306
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Derik Baltich APPLICATION DATE
ADDRESS: 103 Kenway Lp, Mooresville, NC 28117 DATE EVALUATED: 12/2020
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 1.05 AC
LOCATION OF SITE: 165 Ross Rd, CL&T Sec 11 Lot 227 PROPERTY RECORDED: 9/7/1976
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
PIT 1	LS 6%	0-9	FILL		N/A	36"		N/A	PS 0.3-0.4
		4-36	Br SCL WSBK	FR SS SP SXP					
		36-50	VER SL SAP M	VFR SS SP SXP			PS		
PIT 2	LS 6%	0-26	Br SCL WSBK	FR SS SP SXP		38"	N/A	N/A	PS 0.3+
		26-38	Br SC WSBK	FR SS SP SXP					
		38-	R C SBK	FR SS SP SXP	CHR 2 @ 38"				
PIT 3	LS 6%	0-11	FILL		N/A	43"		N/A	PS 0.3
		11-19	Br SCL WSBK	VFR SS SP SXP					
		19-31	R C SBK	FR SS SP SXP					
		31-43	R SCL WSBK	FR SS SP SXP					
		43-60	VER SL SAP M	FR SS SP SXP			PS		
PIT 4	LS 6%	0-11	Br SL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3-0.4
		11-48	RBr SCL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	840 FT^2	3820 FT^2
System Type(s)	PPBPS	TSII DRIP
Site LTAR	0.3	0.15

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

45 X 15 pool

PROPERTY ID #: 4638019306
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Derik Baltich APPLICATION DATE
ADDRESS: 103 Kenway Lp, Mooresville, NC 28117 DATE EVALUATED: 12/2020
PROPOSED FACILITY: 5 BDRM PROPOSED DESIGN FLOW (.1949): 600 GPD PROPERTY SIZE: 1.05 AC
LOCATION OF SITE: 165 Ross Rd, CL&T Sec 11 Lot 227 PROPERTY RECORDED: 9/7/1976
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 4%	0-4	FILL		CHR 2 @ 27"	27"	N/A	N/A	DRIP 0.15
		4-12	Br SL WSBK	VFR SS SP SXP					
		12-27	Br SCL WSBK	VFR SS SP SXP					
2	LS 4%	0-35	Br SL WSBK	VFR SS SP SXP	YB @ 46"	51"	N/A	N/A	PS 0.35-0.4
		35-51	Br SCL WSBK	VFR SS SP SXP					
3	LS 4%	0-28	Br SL WWSBK	VFR SS SP SXP	YB @ 47"	47"	N/A	N/A	PS 0.35-0.4
		28-47	RY SCL WSBK	VFR SS SP SXP					
4	LS 4%	0-7	FILL		CHR 2 @ 34"	34"	N/A	N/A	DRIP 0.15
		7-22	Br SL WSBK	VFR SS SP SXP					
		22-34	Br SCL WSBK	VFR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	572 FT^2	4000 FT^2
System Type(s)	PPBPS	TSII DRIP
Site LTAR	0.35	0.15

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4638019306___
DATE OF EVALUATION: _____
COUNTY: ___IREDELL__

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 4%	0-16	FILL		N/A	50"		N/A	PS 0.35-0.4
		16-42	Br SL WSBK	VFR SS SP SXP					
		42-50	RBr SCL WSBK	VFR SS SP SXP			Few SAP		
6	LS 4%	0-22	Br SCL WSBK	VFR SS SP SXP	N/A	22"		N/A	PS 0.4-0.6
		22-68	VER SL SAP M	VFR SS SP SXP			PS		
7	LS 4%	0-14	Br LS GR	VFR SS SP SXP	N/S	56"		N/A	PS 0.35-0.4
		14-25	Y SCL WSBK	VFR SS SP SXP					
		25-43	R CL WSBK	FR SS SP SXP					
		43-56	Br SCL WSBK	VFR SS SP SXP					
		56-80	VER LS SAP M	VFR SS SP SXP			PS		

COMMENTS: _____

Post-it® Fax Note 7671 | Date 7/25/07 | # of pages ▶ 2
To Judy | From Elnar
Co./Dept. Health dept | Co. Planning dept
Phone # | Phone # 704.878.3127
Fax # 704.662.3239 | Fax # 704.928.2025

2

Doc ID: 009786480002 Type: CRP
Recorded: 12/08/2005 at 01:57:15 PM
Fee Amt: $867.00 Page 1 of 2
Excise Tax: $550.00
Iredell County, NC
Brenda D. Bell Register of Deeds
BK 1705 PG 2257-2258

Easement for Existing System

Purchase Price: $275,000.00 Revenue Stamps: $550.00

Tax Lot No.: _____ Parcel Identifier No. 4638019306

Verified by _____ County on the _____ day of _____, 200__

Mail after recording to: GRANTEE

This instrument was prepared by: THOMAS, GODLEY & CHILDERS, P.A., 514 Williamson Road, Ste. 421, Mooresville, NC 28117
File# 2005121651

Title Insurance Company: The Title Company of North Carolina

Brief description for the Index: Lot 227, Section 11

*** NORTH CAROLINA GENERAL WARRANTY DEED ***

THIS DEED made this 12/08/05, by and between

GRANTOR	GRANTEE
Gregory S. Guffey and Kimberly P. Guffey	Leslie C. Hanellin and spouse, Andrew P. Hanellin 171 Greenbay Road Mooresville, NC 28117

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in Township, Iredell County, North Carolina and more particularly described as follows:

BEING all of Lot 227 in Section 11, as shown on map recorded in Map Book 14 at Page 50 in the Office of the Register of Deeds for Iredell County

Grantor reserves for the benefit of Lot 226 of Map Book 12, page 50, a septic setback easement for the purpose of maintain the required set back distance between the septic system (located on Lot 226) and Lot 227. Said is easement described as follows:

Beginning at a point in the dividing line of Lots 226 and 227 of Map Book 12, page 50 of the Iredell County Registry, said point lying S 44-39-00 E 40 feet from the northern most corner of Lot 227, thence from said point of beginning with the dividing line of said lots S 44-39-00 E 50 feet to a point, thence S 45-21-00 W 10 feet to a point, thence N 44-39-00 W 50 feet to a point, thence N 45-21-00 E 10 feet to the point and place of beginning.

Said septic setback easement to run with the land and be appurtenant to Lot 226.

EXHIBIT A

Legal Description

Beginning at an iron pipe, said iron pipe being North 19-24 East 123.1 ft form the Northerly corner of the Bertie McKay Christie property and runs thence with contour at elevation 760 ft. above mean sea level, U.S.G.S Datum, the following courses and distances: N 34-00 E 113.0 ft. and N 72-15 E 110 ft: thence S 7-00 E 220 ft thence S 24-31 W 80.5 ft: thence N 44-30 W 230 ft to the beginning containing 0.75 acres as shown on print dated November 20,1968 marked MTN> Island File No. 1097, a copy which was recorded with Deed Recording in Deed Book 468, Page 553, and being a part of the property described in two Deeds as follows: (1) to Catawba MFG. and Electric Co. from Z.C Robinson and wife B. L Robinson, dated December 30,1926, recorded in Deed Book 87, Page 172 and (2) to Duke Power Co. from W.E Crosswhite and Douglas G. Eisele, commissioners, dated June 28,1968, and recorded in Deed Book 460, Page 142, Iredell County Registry. For further back reference see release recorded in Book 476, Page 301, and Deed recorded in Deed Book 490, Page 389, Iredell County registry.

Street Address: 226 Ross Road Mooresville, North Carolina 28117

Tax Parcel & Tax Information:
Tax Parcel # 4638-01-9552

FURTHER this real property is conveyed SUBJECT to that certain Septic Setback Easement for the purpose of maintaining the required set back distance between the septic system (located on Lot 226 and Lot 227; said easement created and described in Deed Book 1705, at Page 2257, in the Office of the Register of Deeds for Iredell County, North Carolina.

RECEIVED AUG 2 - 2022

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED OSWP-2022-0427

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP 314499

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: (X) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Derik Baltich Address: 103 Kenway Loop Mooresville Zip: 28117
Applicant Email: Derik@luminasun.com Phone: 704-877-3484 Alt. Phone:
Owner Name: Derik Baltich Address: 103 Kenway Loop Zip: 28117
Owner Email: derik@luminasun.com Phone: 704-877-3484 Alt. Phone: same

Property Information:

Street Address: 165 Ross Road
Subdivision Name: CL&T Section/Phase: 11 Lot Number: 227
Driving Directions: 150 west TURN Right on Waddell, Right Hermance, Right Ross Rd, (L) at lot 227

Site Development Information: *(check or complete ALL that apply*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Maximum Number of Bedrooms: 4
Maximum Number of Occupants:
(X) Swimming Pool
( ) Other Addition/Structure:
Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(X) Basement with Plumbing
( ) Basement without Plumbing

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: Number of Persons:
(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: N/A
(X) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

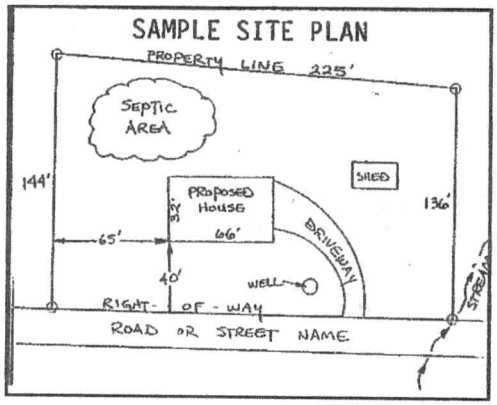
I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ July 20 2022
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location**
- ( ) **Preferred well location**
- ( ) **Preferred septic system location**
- ( ) **North arrow, or other sufficient indicator of direction**

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See Attached

Signature: _____ _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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, Derik Baltich, am the legal owner(s) of the property located at 165 Ross Rd, identified as

PIN (Parcel Identification Number) 4638019306, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Derik Baltich, N/A, 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.

_____ 5/4 2022
Signature of Owner(s) Date

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

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

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

*** Initial all lines below to indicate you have submitted each form and completed every site requirement ****

Complete all Environmental Health forms:
_____ Application
_____ Site Plan including the dimensions of proposed structure, addition, pool etc.
_____ Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
_____ Copy of Zoning Permit when applicable
_____ Sign this sheet after you have completed all items

Lot must be cleared of heavy undergrowth. In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with **50 feet of visibility** in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

Clearly mark all property corners by locating existing iron or concrete markers. Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only).
'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged**.

Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted. The proposed structure, etc. **must be staked** out on the property as per the site plan.

If an **Authorization to Construct (AC) is desired**, submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application.
Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are non-refundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.

- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- **The applicant/agent is responsible for securing these services**
- **Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.**
- **The EH specialist will contact you when your application is ready to be processed for pit scheduling.**
- **Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.**

By signing below I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature _____ **Date** July 22 2022

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625