ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # OSWP-2022-8104

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

PIN # 4639-41-5759

APPLICANT / OWNER: Nitin Korgaonkar | APPLICANT ADDRESS: 232 Kenway Loop, Mooresville, NC 28117

SITE ADDRESS: 232 KENWAY LOOP, MOORESVILLE, NC 28117 | PHONE: (860) 849-0465 | ALT. PHONE:

SITE DIRECTIONS: N Perth -> L Fern Hill -> L Kenway Loop -> lot on R | SAP CONTROLLED: YES ☐ NO ☑

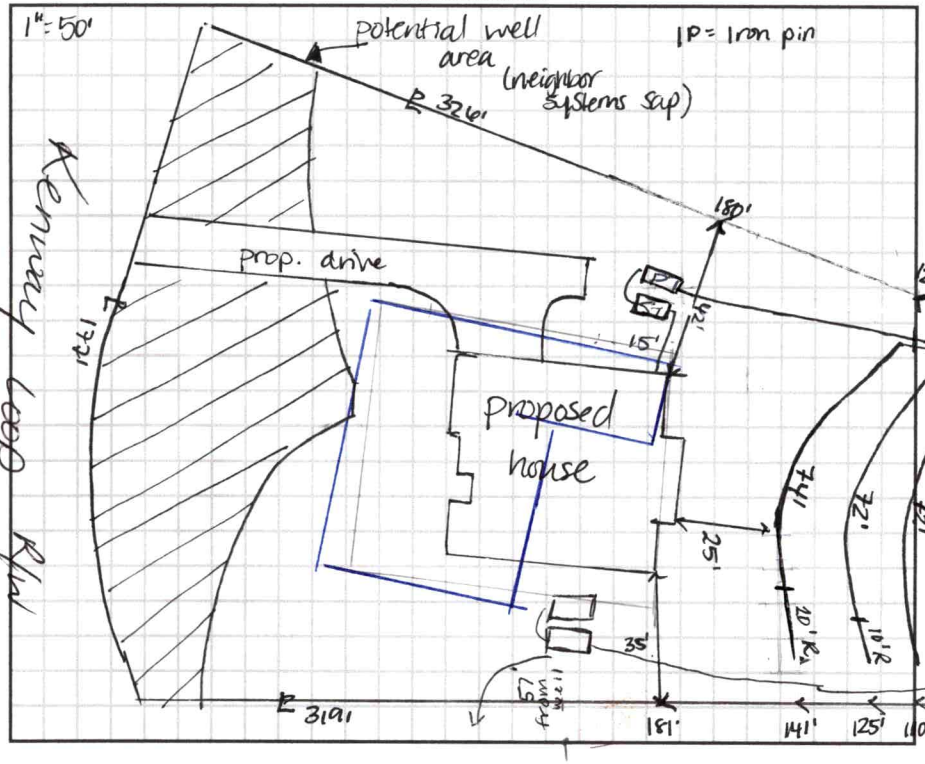
SUBDIVISION: Woodleaf | SECTION: | LOT #: 43 | LOT AREA: 0.904 | DESIGN FLOW: 480 | L.T.A.R.: 0.275

Septic Tank: 1000 (gal)	STB: Infiltrator	Date:	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: (gal)	PT: Infiltrator	Date:	System Description: VPPBPS - PM		☐ Business	No. Persons: 2	
Pump Make: 1000	Model:	Serial #:	Repair System Description: HPPBPS		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 291	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 22		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

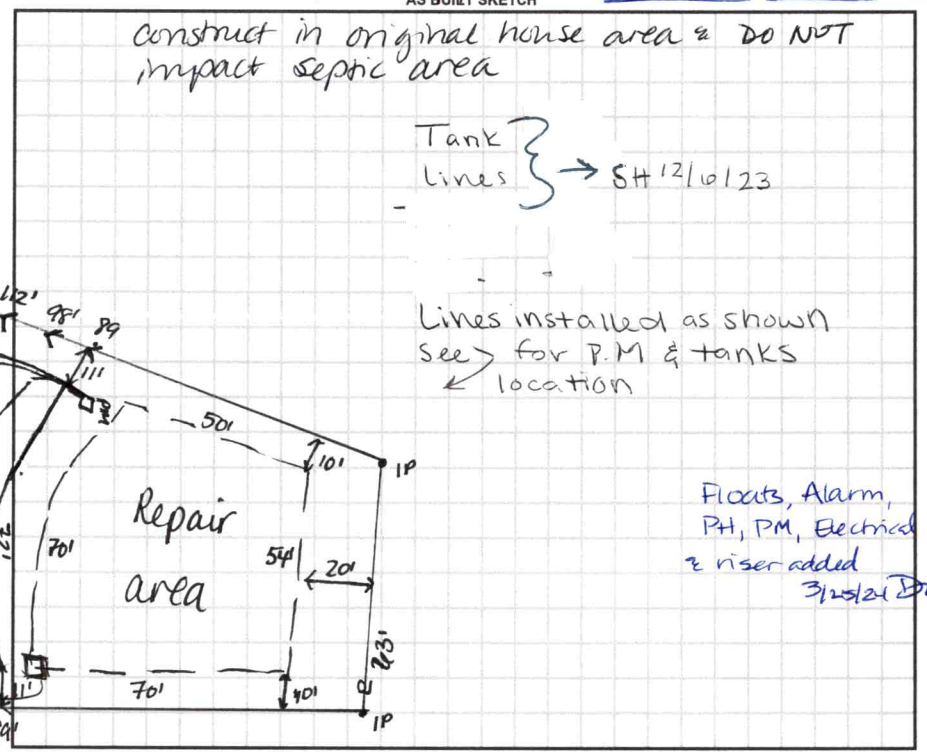
Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield area. Install on contour.
2" supply line, 2' pressure head. All lines = 17 panels each, 1/2" SCH 80 tap each
Dose = 244.8 g Flow = 21.92 gpm Drawdown = 11.6" Runtime = 11 min

New site plan approved (in blue) → 5/15/23
- maintain all setbacks

INITIAL SITE SKETCH



AS BUILT SKETCH



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. ☑ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT–not to exceed 60 mo.

Owner / Applicant Signature: Date:

IMPROVEMENT PERMIT by: D. Weberg Date: 11/16/22

AUTHORIZATION TO CONSTRUCT by: D. Weberg Date: 11/17/22

D. Weberg 5/15/23

Installed By: AJ Remodeling

OPERATION PERMIT by: D. Weberg Date: 3/25/24

Existing System Inspected By: Date:

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

DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crossicke 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 2786, page 900, and/or plat book 49, page 86, 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 3, day of AUGUST, A.D. 20 22.

REVISED 8/5/22
MOVED HOUSE

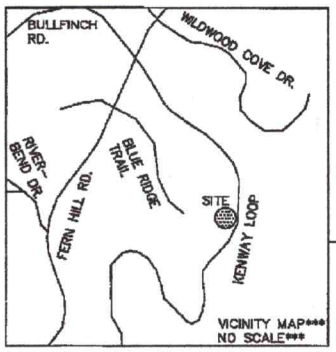
UPDATED: 8/25/22
ADDED SPOT ELEVATIONS

REVISED 9/26/22
MOVED HOUSE

REVISED 10/17/22
UPDATED GARAGE

WILLIAM M. ALLEN, PLS

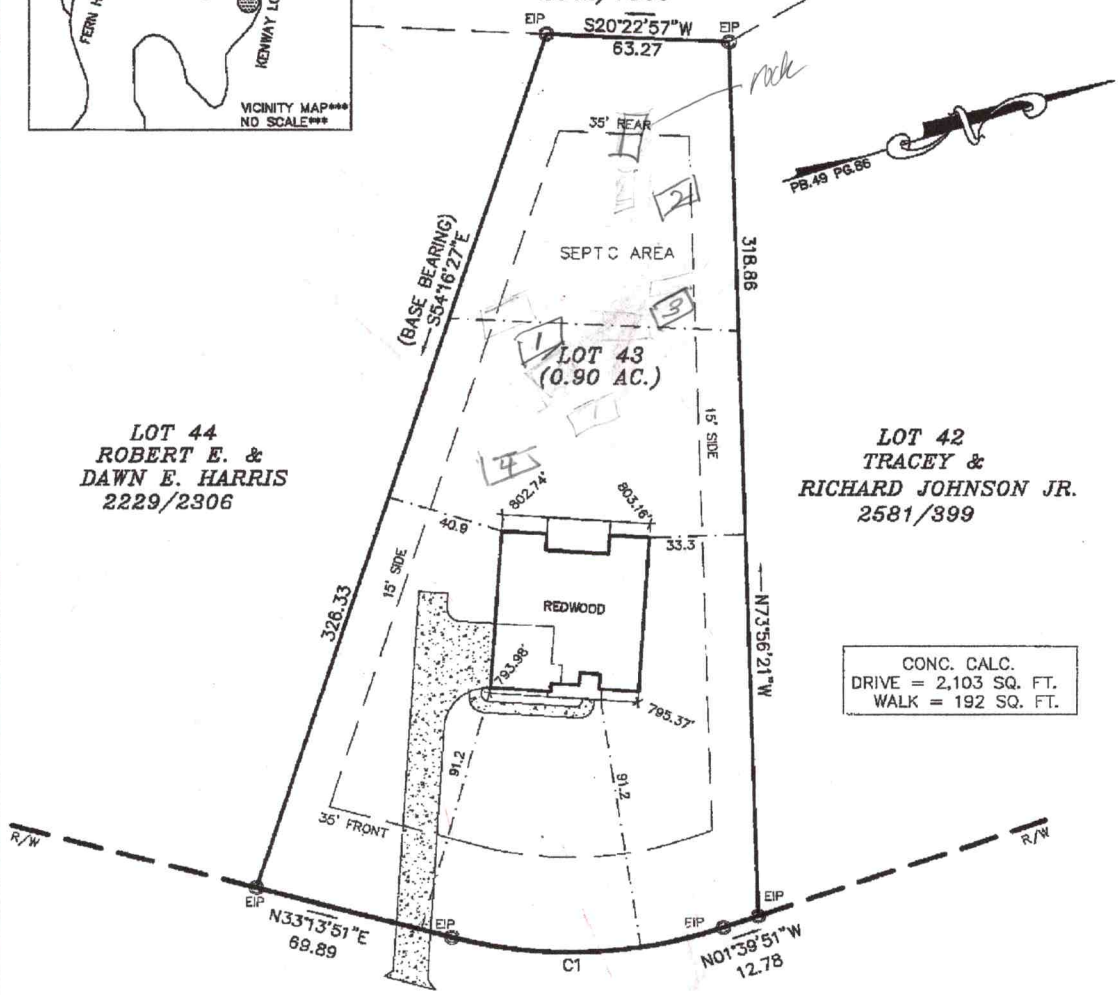
NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



LOT 17
DESCHENES REVOCABLE LIVING TRUST
2642/1303

LOT 44
ROBERT E. & DAWN E. HARRIS
2229/2306

LOT 42
TRACEY & RICHARD JOHNSON JR.
2581/399



CONC. CALC.
DRIVE = 2,103 SQ. FT.
WALK = 192 SQ. FT.

KENWAY LOOP
(60' PUBLIC R/W)

LEGEND
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	157.30'	95.41'	N 15°48'39" E	93.96'

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) SETBACKS SHOWN PER PLAT (PB.49 PG.86)
FRONT: 35'
SIDE: 15'
REAR: 35'

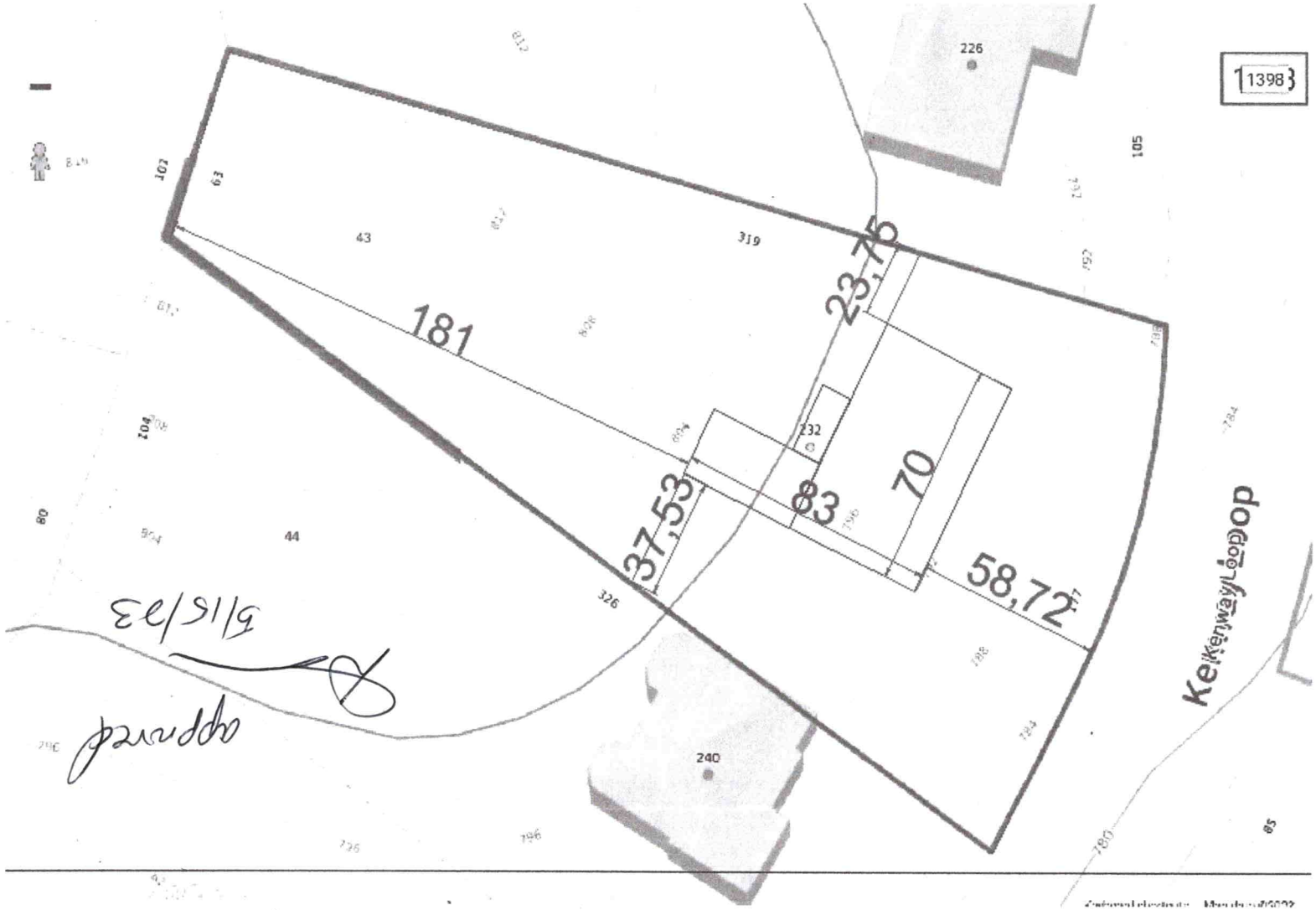
0' 25' 50' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
232 KENWAY LOOP
LOT 43 WOODLEAF SUBDIVISION

SCALE 1" = 50'
DAVIDSON TWSP., IREDELL CO., N.C.
ACQUIRED BY: NITIN V. & SNEHA N. KORGAONKAR

FIELD BOOK: –
FILE: WOODLEAF 43.DWG
DC FILE:
TAX MAP NO: 4639415759.000


11398
226
105
43
319
181
23,75
232
37,53
83
70
58,72
44
326
240
Kelkenway Loop
6/12/23
approved

____, page____, that the ratio of precision is 1:10,000; that this map
in accordance with the General Statutes of North Carolina Chapter 89C.
seal on the 3, day of AUGUST,

REVISED 8/5/22
MOVED HOUSE

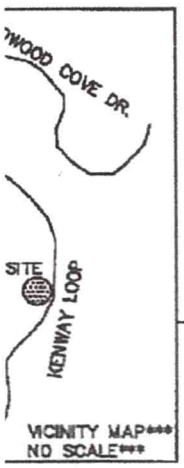
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REVISED 10/17/22
UPDATED GARAGE

WILLIAM M. ALLEN, PLS

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



LOT 17
DESCHENES REVOCABLE
LIVING TRUST
2642/1303

EIP
S20°22'57"W
63.27
EIP

35' REAR

PB.49 PG.86

(BASE BEARING)
S54°16'27"E

SEPTIC AREA

318.86

LOT 43
(0.90 AC.)

15' SIDE

LOT 42
TRACEY &
RICHARD JOHNSON JR.
2581/399

802.74'
803.16'
40.9
33.3

326.33

15' SIDE

REDWOOD

793.98'
795.37'

N7°35'21"W

91.2
91.2

35' FRONT

R/W

EIP
N33°13'51"E
69.89
EIP
EIP
EIP
C1
N01°39'51"W
12.78

CONC. CALC.
DRIVE = 2,103 SQ. FT.
WALK = 192 SQ. FT.

KENWAY LOOP
(60' PUBLIC R/W)

R/W
R/W

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	157.30'	85.47'	S 13°46'39" E	84.46'

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) SETBACKS SHOWN PER PLAT

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Nitin Karganker
APPLICATION DATE
ADDRESS: 138 Trumbull South Windsor CT
DATE EVALUATED: 11/14/22
PROPOSED FACILITY: 4B
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 0.9
LOCATION OF SITE: 232 Kenwaylap, Mooresville NC
PROPERTY RECORDED: Y
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 15-18	0-5	SCL-WSBK	SSSP-FR-SEVP	sap incl common 36"+	50	N/A	N/A	PS 0.3
		5-36	C-SBK	SP-FR-SEVP					
		36-50	CL-WSBK	SSSP-FR-SEVP					
2	10	0-4	SCL-WSBK	SSSP-FR-SEVP	Discontinuous band of rock @ 26"+	48"	N/A	N/A	PS 0.275
		4-30	C-SBK	SP-FR-SEVP					
		30-48	CL-WSBK	SSSP-FR-SEVP					
3	12	0-4	SCL-WSBK	SSSP-FR-SEVP	sap/RCF/rock incl 28"+	48" WR/ <50%	N/A	N/A	PS 0.275
		4-28	C-SBK	SP-FR-SEVP					
		28-48	CL-WSBK	SSSP-FR-SEVP					
4	15	0-3	SCL-WSBK	SSSP-FR-SEVP	sap/WR/rock incl & RCF	50" 25"+	N/A <50%	N/A	PS 0.275
		3-25	C SBK	SP-FR-SEVP					
		25-50	CL-WSBK	SSSP-FR-SEVP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR	0.275	0.275

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

COMMENTS: - rock/WR incl in 3 & 4 were friable to firm

11/14 9w

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE
OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) 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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: NITIN V KORGAONKAR Address: 138 TRUMBULL LN, SOUTH WINDSOR, CT Zip: 06074
Applicant Email: nitin.korgaonkar1@gmail.com Phone: 860-849-0465 Alt. Phone: _____
Owner Name: NITIN V + SNEHA N KORGAONKAR Address: 138 TRUMBULL LN, SOUTH WINDSOR, CT Zip: 06074
Owner Email: snichit@yahoo.com Phone: 860-849-0465 Alt. Phone: 860-849-0468

Property Information:

Street Address: 232 KENWAY LOOP, MOORESVILLE, NC 28117
Subdivision Name: WOODLEAF PROPERTY OWNERS ASSOCIATION Section/Phase: _____ Lot Number: 43
Driving Directions: _____

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: 2
( ) 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
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) 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: _____
( ) No Preference ( ) Alternative (X) 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: Nitin Korgaonkar N. Korgaonkar 10/27/2022
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE