ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3525

PERMIT # OSWP-2022-9585

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

PIN # 4627-77-5261 ✓

APPLICANT / OWNER: Lagniappe Homes LLC | APPLICANT ADDRESS: 19925 Jetton Road, Corneluis, NC 28031

SITE ADDRESS: 273 GREENBAY RD, MOORESVILLE, NC 28117 ✓ | PHONE: (631) 241-4959 | ALT. PHONE:

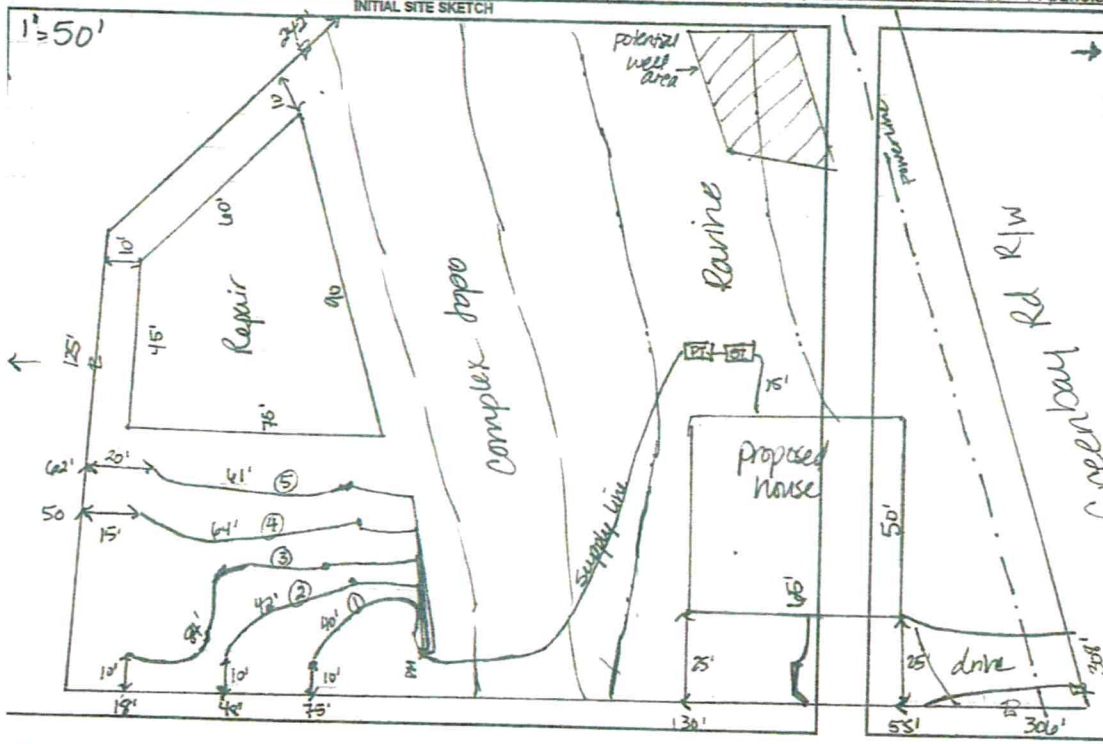
SITE DIRECTIONS: W NC 150 -> L Paradise Peninsula -> L Greenbay -> Lot on L

SUBDIVISION: Greenbay Forest ✓ | SECTION: | LOT #: 17 ✓ | LOT AREA: 1.3 ✓ | SAP CONTROLLED: YES ☐ NO ☑ | DESIGN FLOW: 480 | L.T.A.R.: 0.275

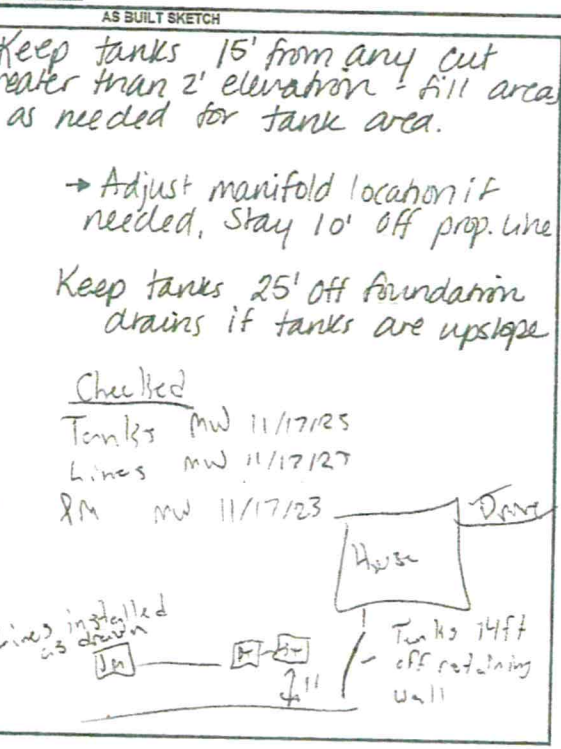
Septic Tank: 1000 (gal)	STB: Infiltrator	Date:	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: 1000 (gal)	PT: Infiltrator	Date:	System Description: VPPBPS - PM		☐ Business	No. Persons: 8	
Pump Make: Liberty	Model: 290 HV-5	Serial #: 16231 ✓	Repair System Description: LP-PPBPS & Drip		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 290	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 28		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do NOT EXCEED 36" trench bottom. Do not grade lot - if trenches exceed 36" system will be saprolite controlled & will be too close to a well. If clearing changes line lengths system may become low pressure. Install on contour. Pressure Manifold = 2" supply. 2' pressure head. Dose: 241.2 g Flow: 35.28 Runtime: 6.8 min Drawdown: 11.5"
L1 = 9 panels. 1/2" SCH 80 L2 = 10 panels. 1/2 SCH 80 L3 = 19 panels. 3/4" SCH 80 L4 = 15 panels. 1/2" SCH 40 L5 = 14 panels. 1/2" SCH 40

INITIAL SITE SKETCH



AS BUILT SKETCH



ermit 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.

wner / Applicant Signature: | Date:

MPROVEMENT PERMIT by: D. Wiebers | Date: 11/5/23

UTHORIZATION TO CONSTRUCT by: D. Wiebers | Date: 11/9/23

Installed By: Chris Headrick

OPERATION PERMIT by: Bryant C. White | Date: 12-18-2023

Existing System Inspected By: | Date:

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

12-18-2023 BCW

- ELECTRICAL ✓
- ALARM ✓
- PRESSURE HEAD ✓
- FLOATS ✓

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PERMIT # OSWP-2022-9585

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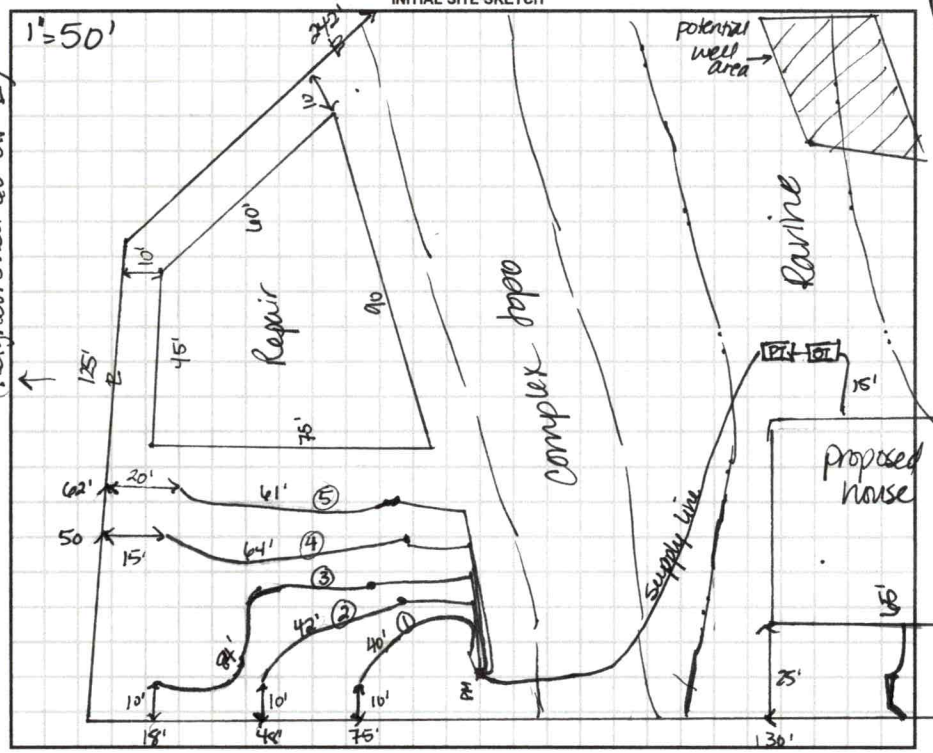
SITE DIRECTIONS: W NC 150 -> L Paradise Peninsula -> L Greenbay -> Lot on L | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Greenbay Forest | SECTION: | LOT #: 17 | LOT AREA: 1.3 | DESIGN FLOW: 480 | L.T.A.R.: 0.275

Septic Tank: 1000 (gal)	STB:	Date:	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: 1000 (gal)	PT:	Date:	System Description: VPPBPS - PM		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: LP-PPBPS & Drip		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 290	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 28		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

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L1 = 9 panels, 1/2" SCH 80 L2 = 10 panels, 1/2 SCH 80 L3 = 19 panels, 3/4" SCH 80 L4 = 15 panels, 1/2" SCH 40 L5 = 14 panels, 1/2" SCH 40

INITIAL SITE SKETCH



AS BUILT SKETCH

→ Keep tanks 15' from any cut greater than 2' elevation - fill areas as needed for tank area.

→ Adjust manifold location if needed, Stay 10' off prop. line

Keep tanks 25' off foundation drains if tanks are upslope

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: | Installed By:

IMPROVEMENT PERMIT by: D. Wiebers | Date: 11/5/23 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: D. Wiebers | Date: 11/9/23 | Existing System Inspected By: | Date:

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

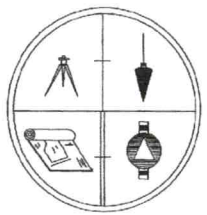
NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- 10' DRAINAGE & UTILITY EASEMENT MAY EXIST ALONG ALL LOT LINES.
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- ALL PINS WERE FOUND EXISTING AS SHOWN UNLESS NOTED OTHERWISE.
- THIS PROPERTY IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN. ACCORDING TO THE CURRENT FIRM MAP.

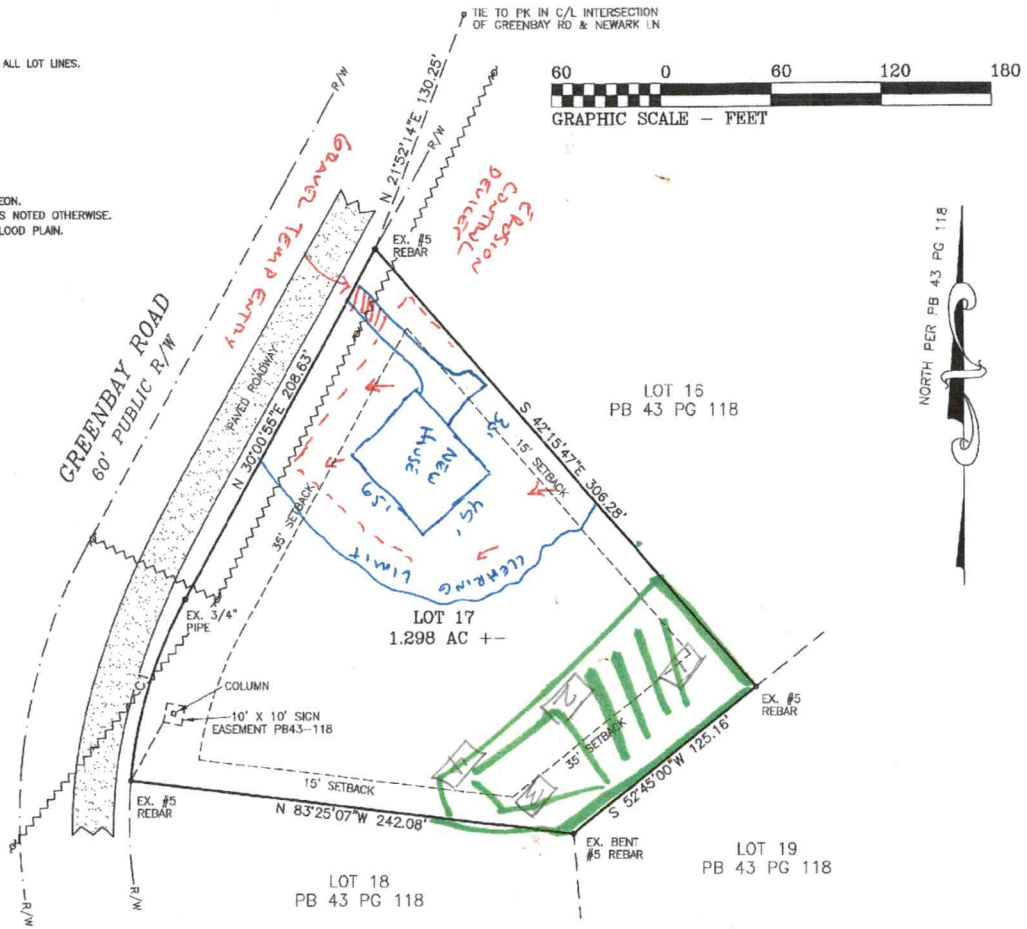
LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
BTL = BUILD TO LINE
SB = SETBACK
SDE = STORM DRAIN EASEMENT
ϕ = UTILITY POLE



DEDMON SURVEYS



Curve	Radius	Length	Chord	Chord Bear.
C1	230.12'	99.40'	98.63'	N 17°33'42" E

PHYSICAL SURVEY
FOR

8209 VILLAGE HARBOR, LLC

LOT 17 OF GREENBAY FOREST
@ 273 GREENBAY RD, MOORESVILLE, NC

DAVIDSON TOWNSHIP – IREDELL COUNTY, NC
SCALE: 1" = 60'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FIRM #C-0453

WWW.DEDMONSURVEYS.COM

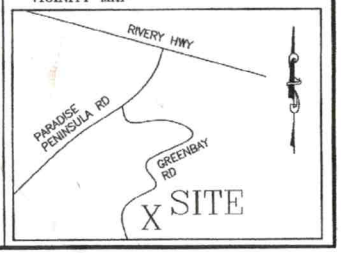


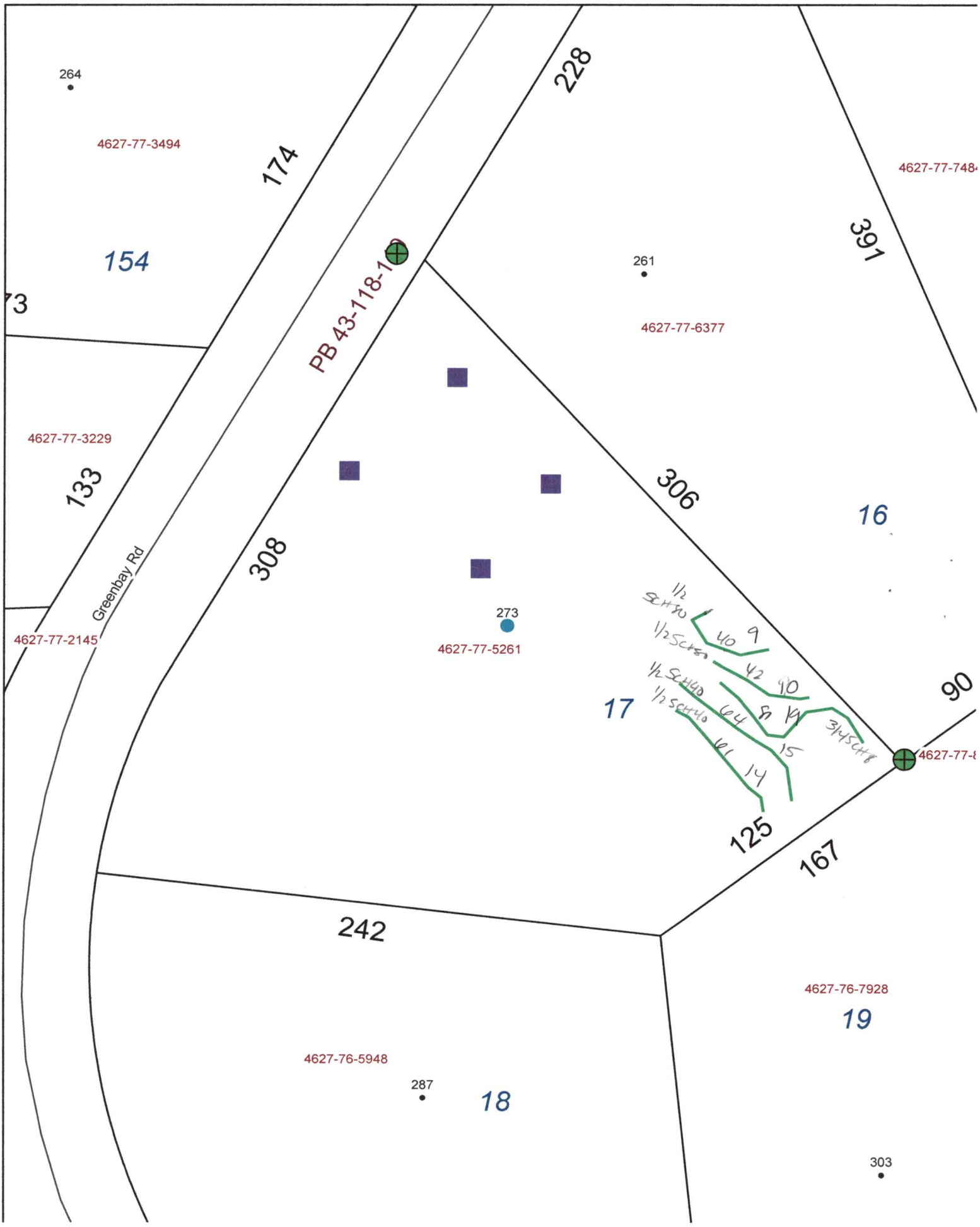
I CERTIFY THAT THIS PLAT WAS SURVEYED AND DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DB 2136, PG 788: PB 43, PG 118; THAT BOUNDARIES NOT SURVEYED ARE DRAWN FROM DB , PG ; THAT THE RATIO OF PRECISION EXCEEDS 1:10000; THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR NC (21 NCAC56.1600), WITNESS MY OFFICIAL SEAL AND SIGNATURE THIS 29TH DAY OF JULY, AD 2022.

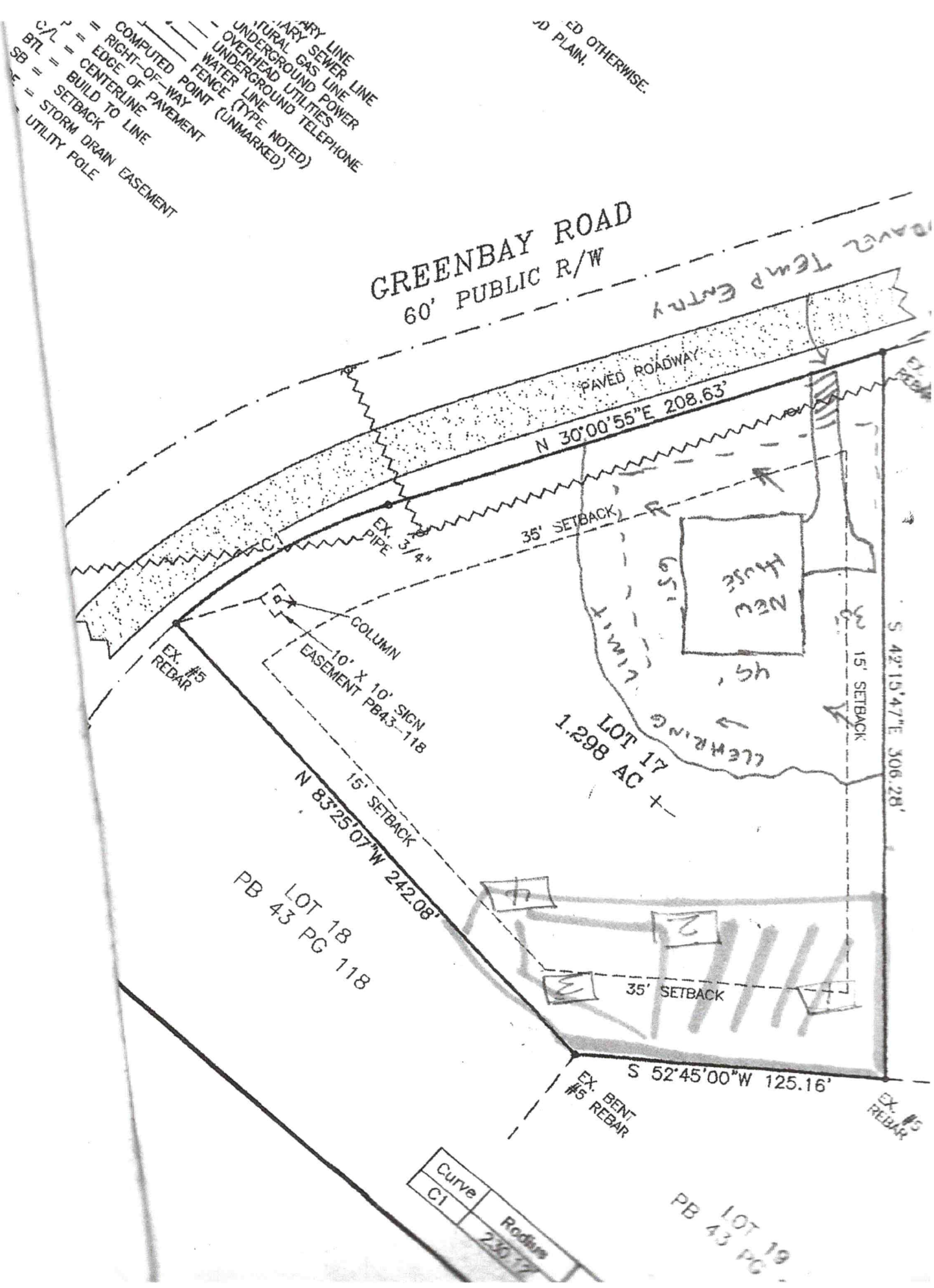
PROFESSIONAL LAND SURVEYOR — L-3762 LICENSE NO.

SURV. BY: KPJ	DRAWN: KPJ	JOB# GB17XX

VICINITY MAP




264
4627-77-3494
174
228
154
PB 43-118-1
261
391
4627-77-748
73
4627-77-6377
4627-77-3229
133
306
16
Greenbay Rd
308
273
4627-77-2145
4627-77-5261
17
90
125
167
242
4627-76-7928
19
4627-76-5948
287
18
303


GREENBAY ROAD
60' PUBLIC R/W
PAVED ROADWAY
N 30°00'55"E 208.63'
35' SETBACK
EX. 3/4" PIPE
EX. #5 REBAR
COLUMN
10' X 10' SIGN EASEMENT PB43-118
15' SETBACK
N 83°25'07"W 242.08'
LOT 17
1.298 AC +-
S 42°15'47"E 306.28'
15' SETBACK
35' SETBACK
S 52°45'00"W 125.16'
EX. BENT #5 REBAR
EX. #5 REBAR
LOT 18
PB 43 PG 118
LOT 19
PB 43 PG
Curve
C1
Radius
230.17
COMPUTED POINT
RIGHT-OF-WAY
EDGE OF PAVEMENT
CENTERLINE
BUILD TO LINE
SETBACK
STORM DRAIN EASEMENT
UTILITY POLE
OVERHEAD UTILITIES
UNDERGROUND TELEPHONE
WATER LINE
FENCE (TYPE NOTED)
UNDERGROUND POWER
NATURAL GAS LINE
SANITARY SEWER LINE
PLAIN.
OTHERWISE.

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

Sheet 1 of 1
PROPERTY ID #: 2462775201
COUNTY: Iredell

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

OWNER: Stephen Chuili — APPLICATION DATE 11/16/22
ADDRESS: 19924 Jetton, Cornelius NC 28031 — DATE EVALUATED: 12/21/22
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: 1.3
LOCATION OF SITE: 273 Greenbay Rd, Mooresville NC 28117 — 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	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 15%	0-5	SCL-WSBK	SSSP-FR SEXP	very few YB or C veins sig. Sap content 18"+	58"	S		PS 0.275
		5-18	C-SBK	↓					
		18-31	CL-WSBK	↓					
		31-58	L-WSBK	SSNP-FR SEXP					
		58-70	SAP-L-M	NSNP-FR					
2	LS 10%	0-5	SCL-WSBK	SSSP-FR-SEXP	Sap common 17"+	48"	S		PS 0.3
		5-17	C-SBK	↓					
		17-30	CL-WSBK	↓					
		30-48	L-WSBK	SSNP-FR-SEXP					
		48-63	SAP-LS/SL-M	NSNP-FR					
3	LS 8%	0-5	SCL-WSBK	SSSP-FR-SEXP	Sap content common 27"+	58"	S	N/A	PS 0.3
		5-27	C-SBK	↓					
		27-44	CL-SBK	↓					
		44-58	L-WSBK	SSNP-FR SEXP					
		58-63	SAP-LS/SL-M	NSNP-FR					
4	LS 12%	0-5	SCL-SBK	SSSP-FR-SEXP	2.5Y6/2@18 YB to 35" 2.5Y6/2@ FI	67	N/A	N/A	PS (deep) 0.25
		5-21	C-SBK	↓					
		21-35	C/CL-WSBK	↓					
		35-55	CL-WSBK	↓					
		55-67	L-WSBK	SSNP-FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	50% red	50% red
System Type(s)		
Site LTAR	0.275	0.25

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

COMMENTS:

IEDELL COUNTY HEALTH DEPARTMENT MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

ERMIT# 113403 PIN# 4637-88-5496.017 DATE Sept 29, 03

WNER OR CONTRACTOR Greenbay Forest LLC PHONE: Business ______ Home ______

DDRESS P.O. Box 3608, Mooresville, N.C. 28117

OCATION 150 West. TL Paradise Peninsula TL Greenbay on left

UBDIVISION Greenbay Forest BLOCK / SECTION ______ LOT 17 LOT AREA 1.30 ac SITE CLASS PS DESIGN FLOW 480 gpd L.T.A.R. .35-.3

eptic Tank 1000 Gallons. STG ______ Date ______

ump Tank 1060 Gallons. PT ______ Date ______

ump Make: ______ Model ______ Serial No. ______

bsorption Field: No Fields 1 Square Feet 600/420 Linear Feet 300

o. Lines 5 Trench Width 24" min E.C. Max Trench Bottom Depth 36" Gravel Depth N/A

☑ New System ☐ Repair System Type: I. II. III. (IV) V. VI

System Description: LPPPBPS

Repair System Description: LPPPBPS

Maintenance Agreement Required: ☑ Yes ☐ No

☐ Slab ☑ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

☑ House/Mod. Home No. Bedrooms 4
☐ Mobile Home No. Bathrooms 4
☐ Business No. Employees ______
☐ Other

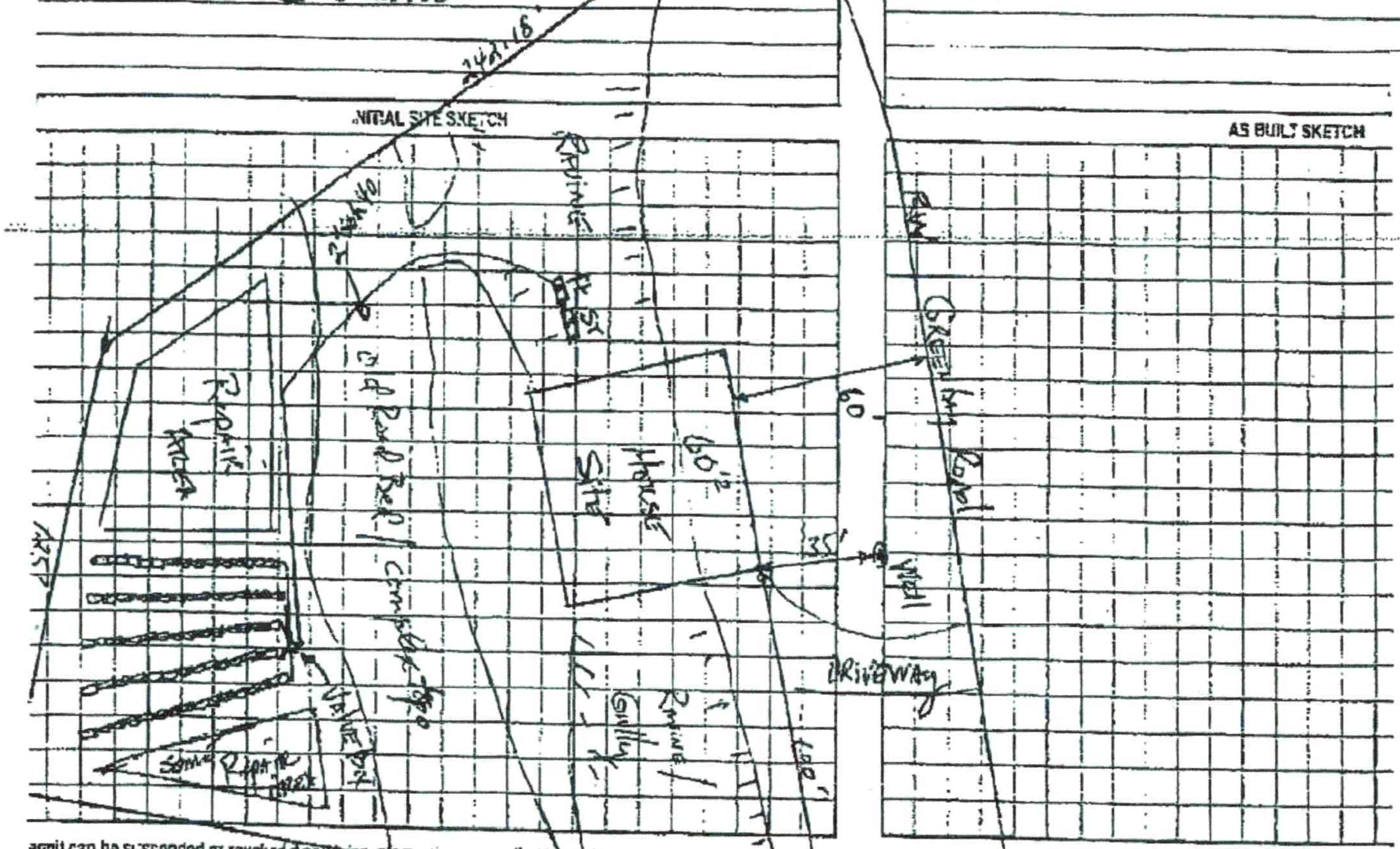
Water Supply:
☑ Individual
☐ Public
☐ Community

omments/Conditions: OR 36" min 9' oc

Comments/Conditions:

INITIAL SITE SKETCH

AS BUILT SKETCH



Improvement Permit Only - Do Not Issue Building Permit

ermit 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. Improvement ermit with plat valid without expiration. Improvement Permit with site plan valid for sixty months. Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

igned: ______ date ______ Installed by: ______

mprovement Permit by: ______ date 9-29-03 Operation Permit by: ______ date ______

uthorization to Construct by: ______ date ______ Existing System Inspection by: ______ date ______

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

12/21 8:30

PERMIT SNAPSHOT REPORT OSWP-2022-9585 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/16/2022
Work Class:	EH Septic Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wieberg, Danielle	**Approval Expire Date:**	
Description:	Had a permit but it expired, need to get a current permit				

Parcel: 4627775261.000 Main	**Address:** 273 Greenbay Rd Mooresville, NC 28117 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
Stephen Chuilli	Stephen Chuilli
19925 Jetton Road	19925 Jetton Road
Corneluis, NC 28031	Corneluis, NC 28031
Business: (631) 241-4959	Business: (631) 241-4959

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	45' x 65'	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	4
Foundation Type	Crawl Space Foundation	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	1.3
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Nov 21 2022 12:00AM	Zoning Permit Expiration Date	May 20 2023 12:00AM
Is the structure or development in the floodplain	No	Is the property in a local historic district?	No	Is the property located downtown?	No
Additional Unique Setbacks Apply	No	Watershed	WSIV CA CATAWBA/LAKE NORMAN		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Stephen_Chuilli_11/16/2022.jpg	11/16/2022 15:16	Chuilli, Stephen		Uploaded via CSS
273 Greenbay House Placement on Lot with Septic Area.pdf	11/17/2022 14:31	Nebel, Barbara	Available Online	Site Plan
273 Greenbay Septic System Permit Expired.pdf	11/17/2022 14:31	Nebel, Barbara	Available Online	Expired Septic Permit
273 Greenbay Rd AA Form.pdf	11/18/2022 7:45	Nebel, Barbara	Available Online	AA Form

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-42688	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	12/06/2022			12/06/2022 10:59	12/06/2022 10:59

Inspectors: Kobuck, Teanna (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00005304	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2022-9585)

	Iredell Zoning Tech Fee		$2.25	$2.25
		Total for Invoice INV-00005304	**$77.25**	**$77.25**
INV-00005305	New Gravity System		$1,200.00	$1,200.00
		Total for Invoice INV-00005305	**$1,200.00**	**$1,200.00**
		Grand Total for Permit	**$1,277.25**	**$1,277.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		11/18/2022 0:00	11/18/2022 7:45
Confirm application complete v.1	Generic Action		11/18/2022 7:45
Fees v.1		11/18/2022 0:00	11/21/2022 10:07
Issue Invoice v.1	Generic Action		11/18/2022 8:27
Fees Paid v.1	Generic Action		11/21/2022 10:07
Zoning Review v.1		11/18/2022 0:00	11/21/2022 10:07
Iredell County Zoning Approval v.1	Task	11/18/2022 0:00	11/21/2022 10:07
Issue Invoice v.1	Generic Action		11/18/2022 8:26
Fees Paid v.1	Generic Action		11/21/2022 10:06
Lot Readiness Verification v.1		12/07/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	12/07/2022 0:00	12/07/2022 10:59
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		