ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP CSWP 2023-15544

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

PIN # 4685 -- 27 -- 06999 | BLDR-2023-14206

APPLICANT/OWNER: Donald Randa ~~770~~ | APPLICANT ADDRESS: 108 Citation Dr Mooresville 28117

SITE ADDRESS: 1293 Linwood Rd, Mooresville 28117 | PHONE: ~~704-677-9550~~ | ALT. PHONE

SITE DIRECTIONS: Patterson Farm Rd - R Linwood - 1st on L before Rowan County line | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: America N Ballard | SECTION: - | LOT # 2 | LOT AREA: 1.74 | DESIGN FLOW: 360gpd | L.T.A.R. .3

Septic Tank	1000	(gal)	STB	Date	☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	1000	(gal)	PT	Date	System Description: 25% Reduction	☐ Business	No. Persons	6	☑ Private
Pump Make		Model		Serial #	Repair System Description: 25% Reduction	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	3	Linear Ft	300' Maintenance Agreement Required: ☐ YES ☑ NO	☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	34"	Gravel Depth	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ plumbing		☑ Basement w/o plumbing	

Comments / Conditions: Do not pave, gravel, park, drive, or bury utilities in drain field. AC cannot be issued until there is an easement, or more land is added for septic system

INITIAL SITE SKETCH

See Attached Site Plan

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.

375' laid out, only need 300'

1" = 60'

3 taps at 1/2 sch 40 @ 7.11

Dose - 136.5
Flow - 21.33
Drawdown - 6.5
RunTime - 6.4

Tanks } 6/13
Floats }

Checked
Line 6/15/23 mw
Supply Line 6/15/23 mw
PM 6/15/23 mw

Floats
Electrical } 9/15 DW
Pressure

Need Riser & Alarm, redirect swale/water off tanks — BCW 9-20-2023

Easement Bk 782 P 652

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: online | Date: — | Installed by: Groundbreakers

IMPROVEMENT PERMIT by: Sydney Hurland | Date: 2/22/23 | OPERATION PERMIT by: Benjamin C. White | Date: 9-20-2023

AUTHORIZATION TO CONSTRUCT by: Sydney Hurland | Date: 3/28/23 | Existing System Inspected by: | Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 2023-1554 OSWP

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

PIN # 4685 -- 27 -- 0699

APPLICANT/OWNER: Donald Randa 770 | APPLICANT ADDRESS: 108 Citation Dr. Mooresville 28117 | BLDR-2023-14206

SITE ADDRESS: 1293 Linwood Rd, Mooresville 28117 | PHONE: 704-677-9550 | ALT. PHONE

SITE DIRECTIONS: Patterson Farm Rd - (R) Linwood - 1 to (L) before Rowan County line | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Amelia W Ballard | SECTION: - | LOT # 2 | LOT AREA: 1.74 | DESIGN FLOW: 360gpd | L.T.A.R.: .3

Septic Tank	1000	(gal)	STB	Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3	Water Supply
Pump Tank	1000	(gal)	PT	Date	System Description: 25% Reduction				☐ Business	No. Persons 6	☑ Private
Pump Make		Model		Serial #	Repair System Description: 25% Reduction				☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	3	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	34"	Gravel Depth		☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing	☑ Basement w/o plumbing	

Comments / Conditions: Do not pave, grade, park, drive, or bury utilites in drain field. AC cannot be issued until there is an easement, or more land is deeded for septic system.

INITIAL SITE SKETCH

See Attached Site Plan

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.

375' laid out, only need 300'

Tanks } 6/13
Floats }

1" = 60'

3 taps at 1/2 sch 40 @ 7.11

Dose - 136.5
Flow - 21.33
Drawdown - 6.5
RunTime - 6.4

Easement Bk 282 P 1652

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**

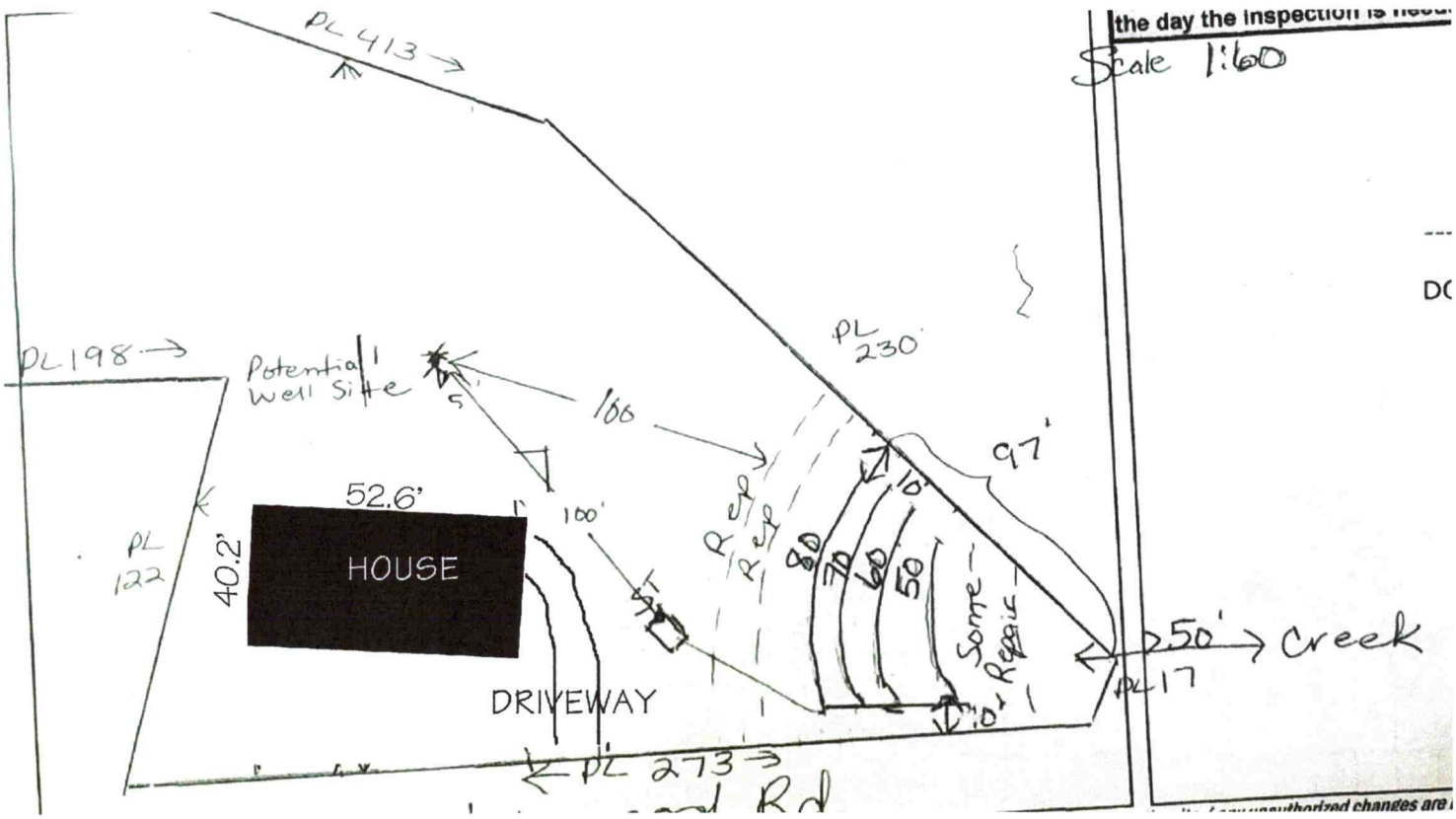
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: online | Date: — | Installed by:

IMPROVEMENT PERMIT by: Sydney Holland | Date: 2/22/23 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: Sydney Holland | Date: 3/28/23 | Existing System Inspected by: | Date:

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


PL 413
the day the inspection is
Scale 1:60
PL 198
Potential Well Site
100
PL 230
97'
52.6'
40.2'
PL 122
HOUSE
100'
80
70
60
50
Some Regrade
10'
50' Creek
PL 17
DRIVEWAY
PL 273

Linwood Road R.O.W
Possible
Proposed Driveway
Well
Area
FLOOD PLAIN
Proposed House
53'
42'
83'
45'
15'
ST
PT
120'
(PL198)
unsuitable soils
Supply Line
(PL71)
(PL181)
Property Iron
35'
75'
95'
105'
126'
145'
55'
50'
45'
PM
Repair Area
125'
125'
125'
(PL60)
(PL413)
Unsuitable Soils
1:60'

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

Sheet 1 of 2
PROPERTY ID #: 4685270699
COUNTY: Iredell

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

OWNER: Angela Randazzo — APPLICATION DATE 2/3/23
ADDRESS: 1265 Linwood Rd - 108 Citation Dr. — DATE EVALUATED: 2/20/23
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360gpd — PROPERTY SIZE:
LOCATION OF SITE: 1293 Linwood Rd, Mooresville 28115 — PROPERTY RECORDED: yes
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		0-24	C/SBK	SS-SP-FR-SEXP	Mica inc. common in CL	48"			PS .3
		24-48	CL/SBK	SS-SP-FR-SEXP					
2		0-24	C/SBK	SS-SP-FR-SEXP	2.5Y7/1 @ 8"+ Sap inc.	8"			U
		24-49	CL/SBK	S-P-FR-EXP					
3		0-28	C/SBK	S-P-FR-SEXP	10YR8/6 @ 30"+	48"			PS .225
		28-48	CL/SBK	S-P-FR-SEXP					
4	(I)	0-8	org	Mixed		48"			PS .3
		8-36	C/SBL	SS-SP-FR-SEXP					
		36-48	CL/SBL	SS-SP-FR-SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	300
System Type(s)	25%	25%
Site LTAR	.3	.3

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

COMMENTS:

Updated February 2014

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

PROPERTY ID #: _____
COUNTY: _____

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

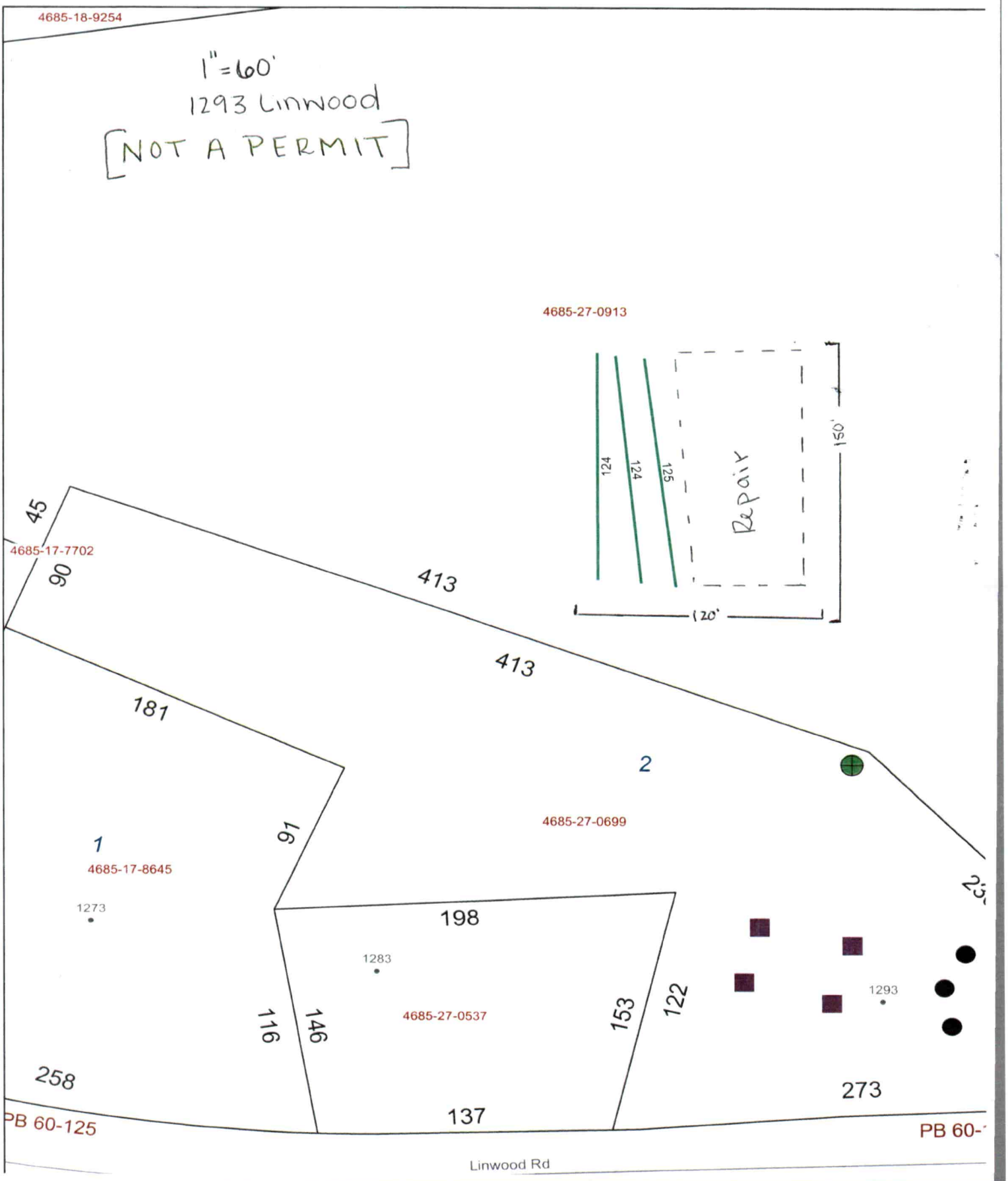
OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-21	FILL	Mixed	2.5Y 7/1	– @21"+			U
		21-52	C / SBK	S-P-EXP					
2	(1)	0-9	Mixed	Org		60"			P.S .3
		9-60	C/SBK	SS-SP-FR SEXP					
3	(2)	0-10	Org	Mixed	org. staining inc	52"			P.S 3
		10-37	C/SBK	SS-SP-FR SEXP					
		37-52	CL/SBK	SS-SP-FR SEXP					
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): P.S
EVALUATED BY: Sydney H.
OTHER(S) PRESENT: _____

COMMENTS: _____


4685-18-9254
1"=60'
1293 Linwood
[NOT A PERMIT]
4685-27-0913
124
124
125
Repair
150'
120'
45
4685-17-7702
90
413
413
181
2
4685-27-0699
1
4685-17-8645
91
1273
198
1283
4685-27-0537
116
146
153
122
1293
258
137
273
PB 60-125
PB 60-
Linwood Rd

PERMIT SNAPSHOT REPORT OSWP-2023-15544 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/03/2023
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:**	Holland, Sydney	**Approval Expire Date:**	
Description:	comprehensive re-layout - SEE INTERNAL NOTES				

Parcel: 4685270699.000 Main	**Address:** 1293 Linwood Rd Mooresville, NC 28115 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
DONALD J II+ANGELA RANDAZZO
1265 Linwood Rd 108
CITATION DR.
MOORESVILLE, NC 28115
Business: (704) 677-9550
Mobile: (704) 677-9550

Property Owner
ANGELA M RANDAZZO

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	please see attached plans	What are the proposed structures	New Multi-Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	3
Foundation Type	Basement without Plumbing	Water Supply	New Well	Desired Septic System Type	No Preference
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_DONALD_J_2/3/2023.jpg	02/03/2023 15:37	RANDAZZO, DONALD J II+ANGELA		Uploaded via CSS
DOC TO AUTHORIZE AN OWNER 3_18_v1.pdf	02/06/2023 10:10	Nebel, Barbara	Available Online	Authorize to Act as Agent
site plan edited_v1.pdf	02/06/2023 10:10	Nebel, Barbara	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-61378	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/10/2023			02/10/2023 13:19	02/10/2023 13:19

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	

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-14206	Residential Building	New Single-Family Dwelling

Note	Created By	Date and Time Created
1. IF SYSTEM CHANGES TO A PUMP SYSTEM, THE PUMP FEE WILL NEED TO BE ADDED AND PAID FOR	Barbara Nebel	02/06/2023 10:13