BCW

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2022-1984

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

PIN # 4676-70-0565

APPLICANT / OWNER: SIMON FAMILY REVOC TR | APPLICANT ADDRESS: 973 Linwood Rd, Mooresville, NC 28115

SITE ADDRESS: 975 LINWOOD RD, MOORESVILLE, NC 28115 | PHONE: (734) 239-4200 | ALT. PHONE:

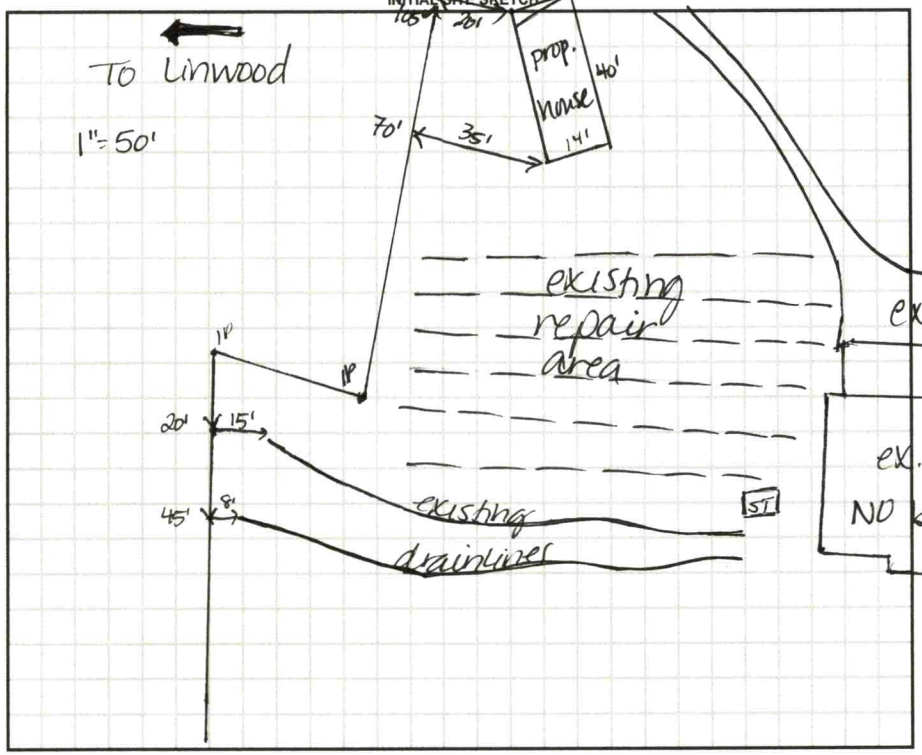
SITE DIRECTIONS: S NC 3 -> L Williford -> R Linwood -> lot behind 985/987 Linwood | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: N/A | SECTION: | LOT #: N/A | LOT AREA: 15.1 | DESIGN FLOW: 240 | L.T.A.R.: EXIST

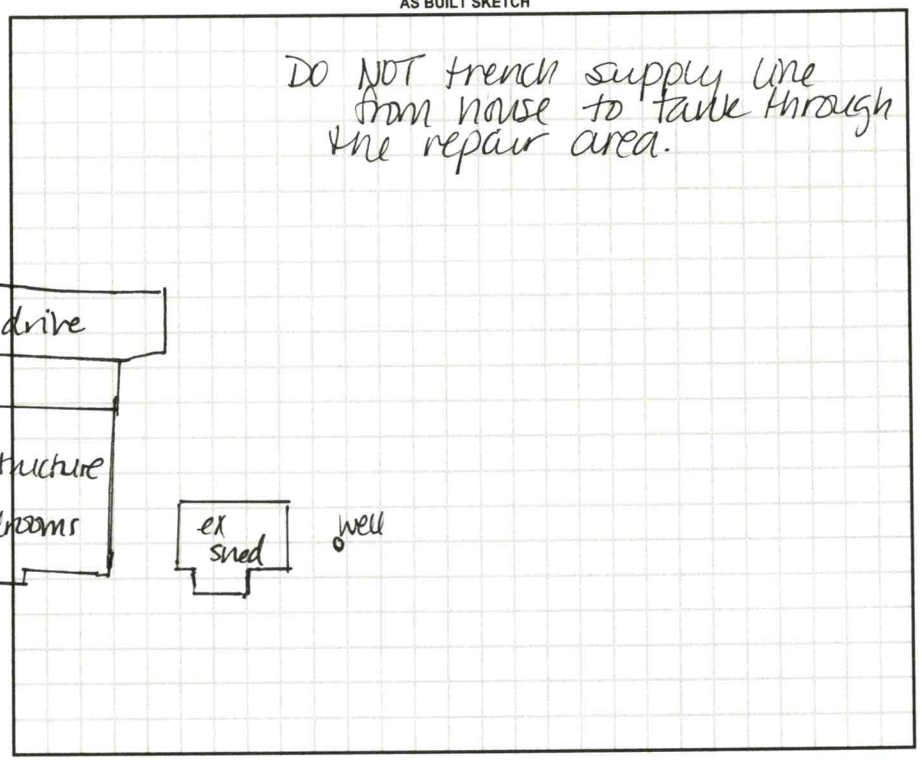
Septic Tank: 1000 (gal)	STB: 760	Date: 08/01/2017	☐ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 2	Water Supply: Existing Well
Pump Tank: (gal)	PT:	Date:	System Description: Existing 25% Reduction		☐ Business	No. Persons: 1	
Pump Make:	Model:	Serial #:	Repair System Description: Existing		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 2	Linear Ft.: EXIST	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): EXIST		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Currently apartment over garage building is unfinished & contains no bedrooms. This permit will allow owner to connect a 2 bedroom home to the existing system. If the apartment over the garage is ever finished, septic system must be expanded - this will require a new soil evaluation & system design approval.

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

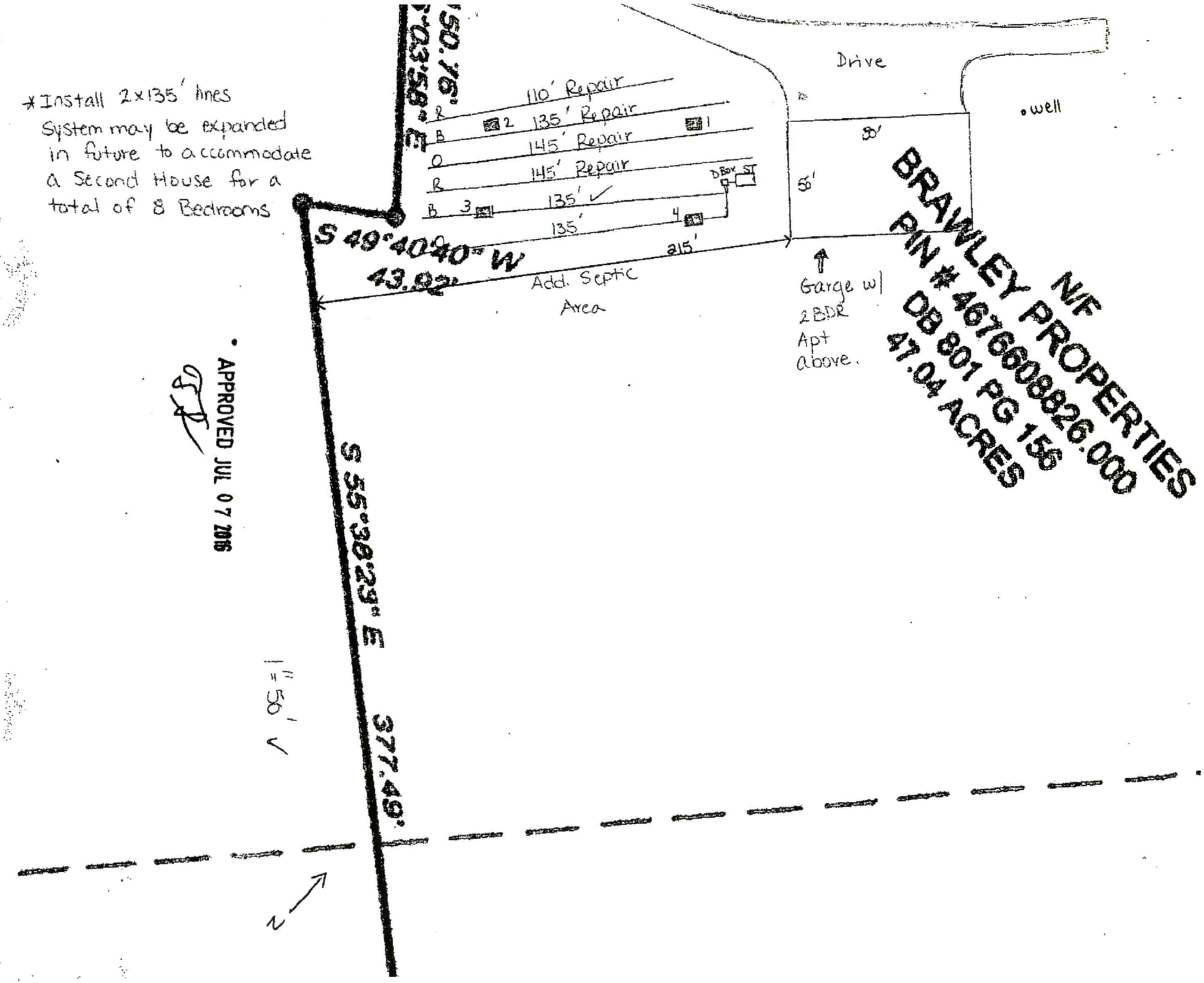
☐ IMPROVEMENT PERMIT with plat valid without expiration. ☑ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☑ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

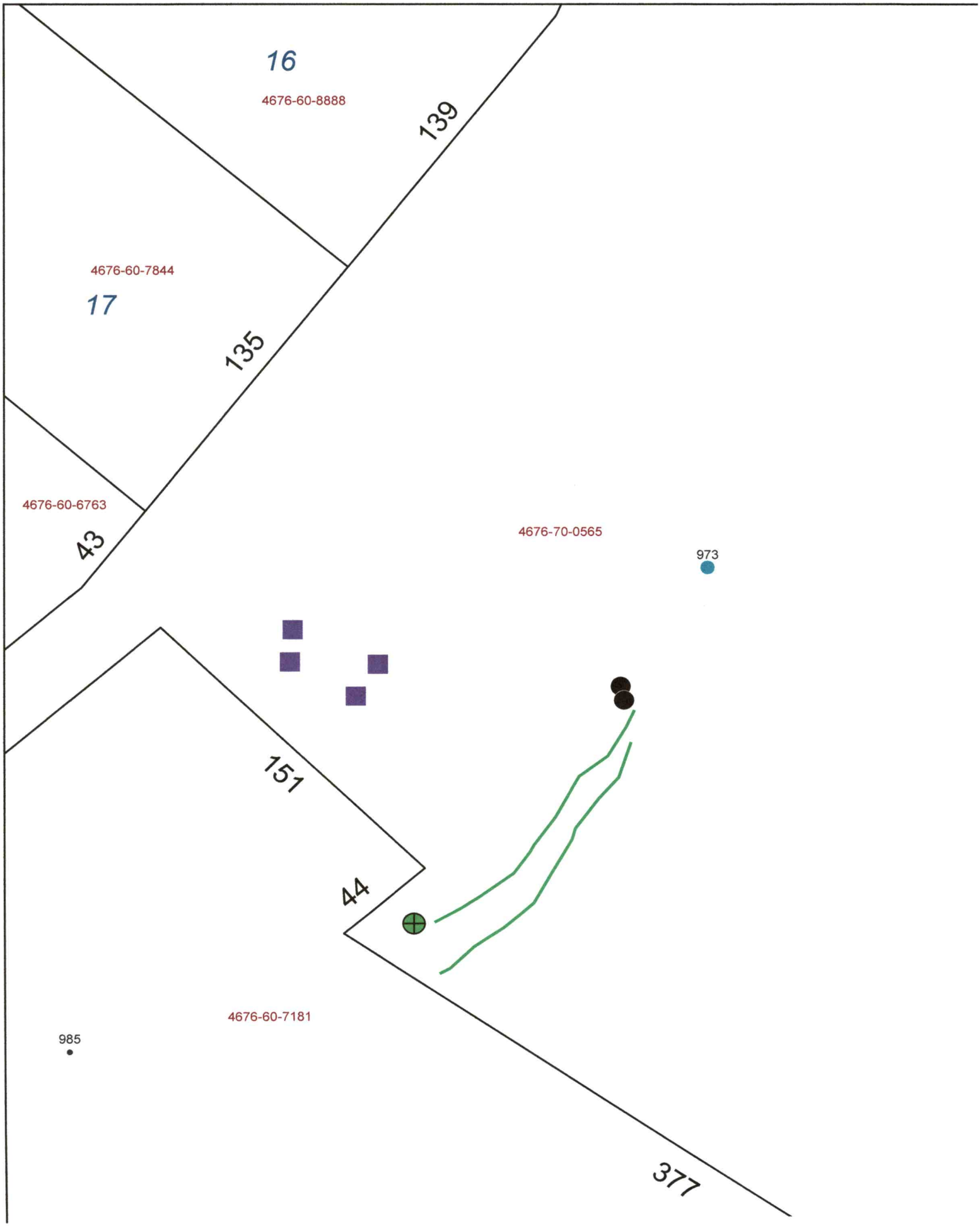
Owner / Applicant Signature: Miguel Simon Date: | Installed By:

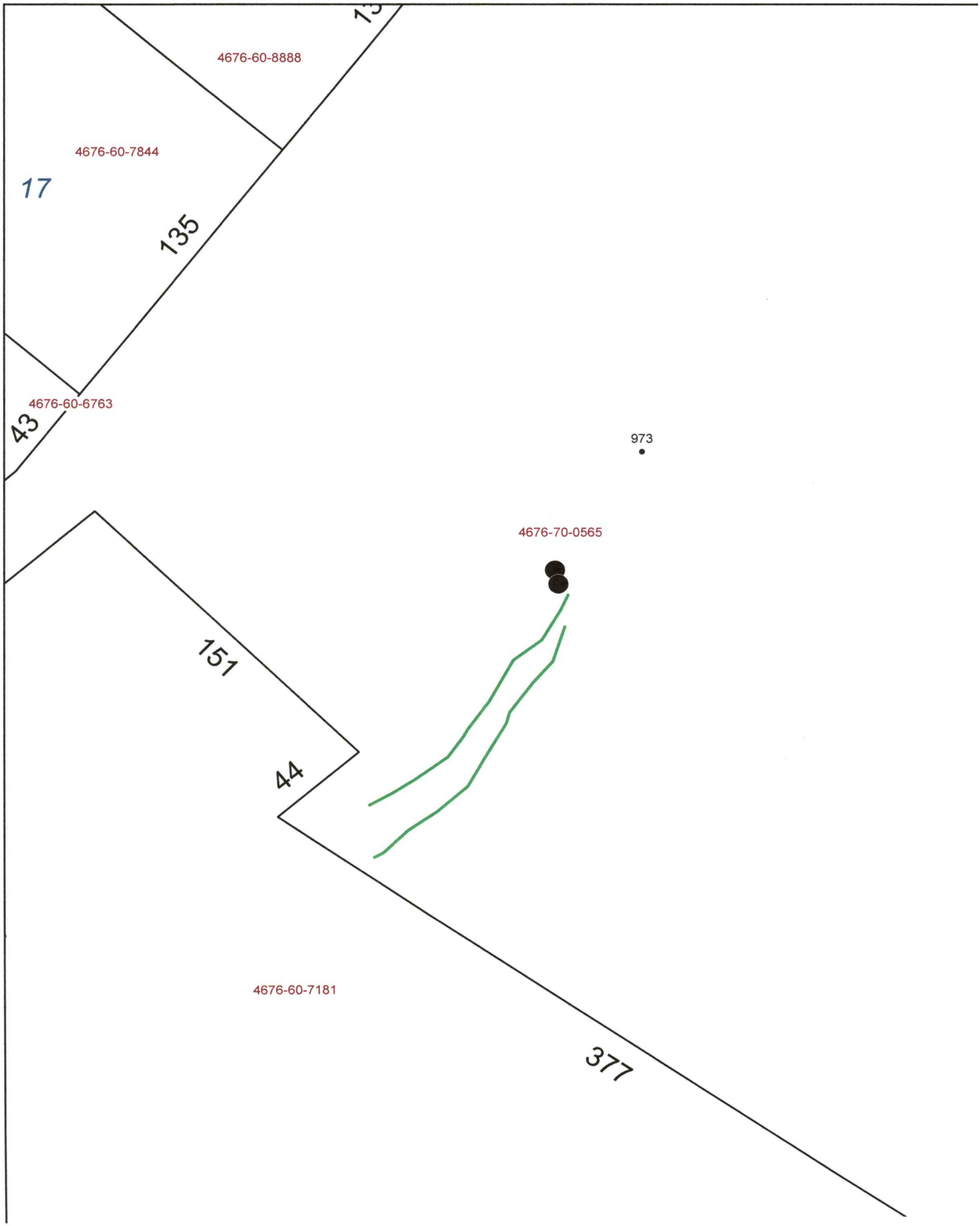
IMPROVEMENT PERMIT by: Date: | OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: | Existing System Inspected By: D. Wiebers Date: 10/19/22

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


*Install 2x135' lines
System may be expanded in future to accommodate a second House for a total of 8 Bedrooms
Drive
well
110' Repair
135' Repair
145' Repair
145' Repair
135'
135'
215'
R
B
O
R
B
2
1
3
4
DBox
ST
50'
50'
S 49°40'40" W
43.92'
Add. Septic Area
Garge w/ 2BDR Apt above.
NF
BRAWLEY PROPERTIES
PIN # 467608826.000
DB 801 PG 156
47.04 ACRES
S 55°38'29" E
377.49'
APPROVED JUL 07 2016
1" = 50'
N


16
4676-60-8888
139
4676-60-7844
17
135
4676-60-6763
43
4676-70-0565
973
151
44
4676-60-7181
985
377


4676-60-8888
4676-60-7844
17
135
4676-60-6763
43
973
4676-70-0565
151
44
4676-60-7181
377



Tax Map Information

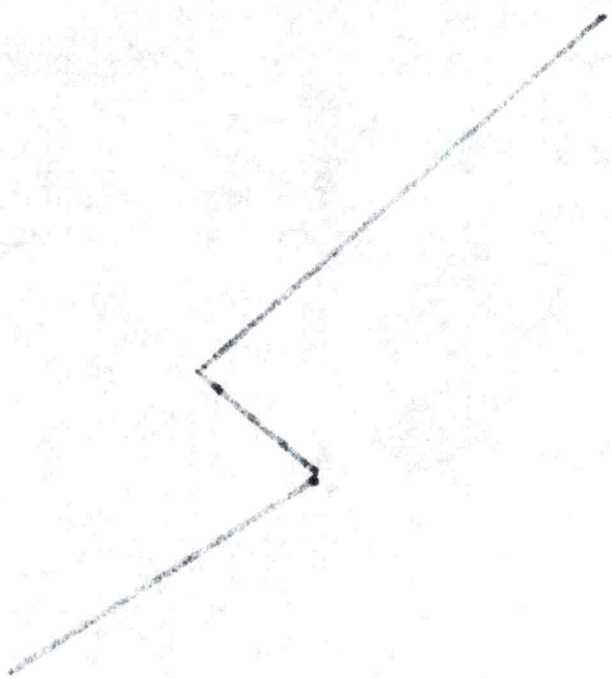
• PIN	4676718451.000
• Address	206 RIVERCHASE LN
• Account #	Acct 80060024
• Tax Owner	LEONARD WADE HARRISON III
• Mailing Address	206 RIVERCHASE LN
•	MOORESVILLE, NC 28115
• GIS Owner	LEONARD WADE H III
• Deed Info	2598 / 2244 - QC - 20190123
• Tax Acres	1.73 AC
• Lot #	31
• Description	WALDEN RIDGE SHT2 PB48-65-66
• Zoning	RA
• Old Parcel #	
• Bldg Value	$515,400
• OBXF Value	$55,260
• Land Value	$74,800
• Total Value	$645,460
• Defer Value	$0
• Tax Districts	-ALLCOUNTY FIRE-MV SCH -

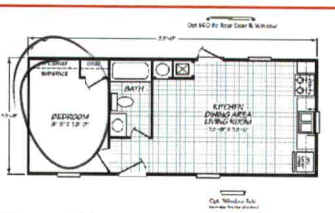
IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

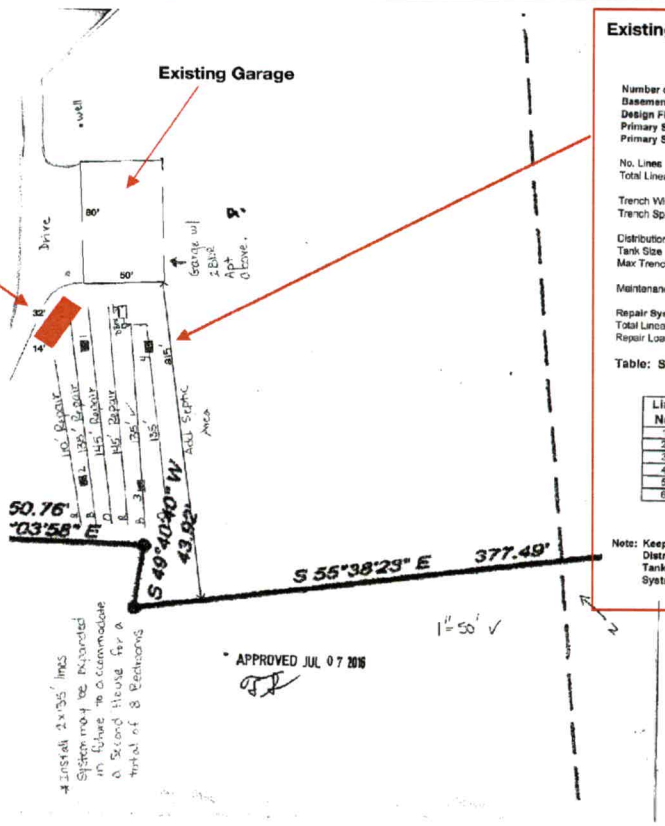
Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.





New addition:
Thrifty Manufactured Home 14' x 32'

https://factoryselecthomecenter.com/floorplan/thrifty-4/



Existing Septic System Design:

Linwood Road Fast Track - The Oaks Group, PA

Number of Bedrooms	3
Basement or Crawl	Crawl Space
Design Flow (gpd)	240
Primary System LTAR (gpd/ft2)	0.3
Primary System Type	25% Reduction
No. Lines	2 (See Table)
Total Linear Feet	270
Trench Width	3' min
Trench Spacing	9' min.
Distribution Device	Distribution Box
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	24"
Maintenance Agreement Required	No
Repair System	LP PPBPS
Total Linear Feet	535
Repair Loading Rate	0.3 '

Table: Summary of Primary and Repair Nitrification Line Specifications

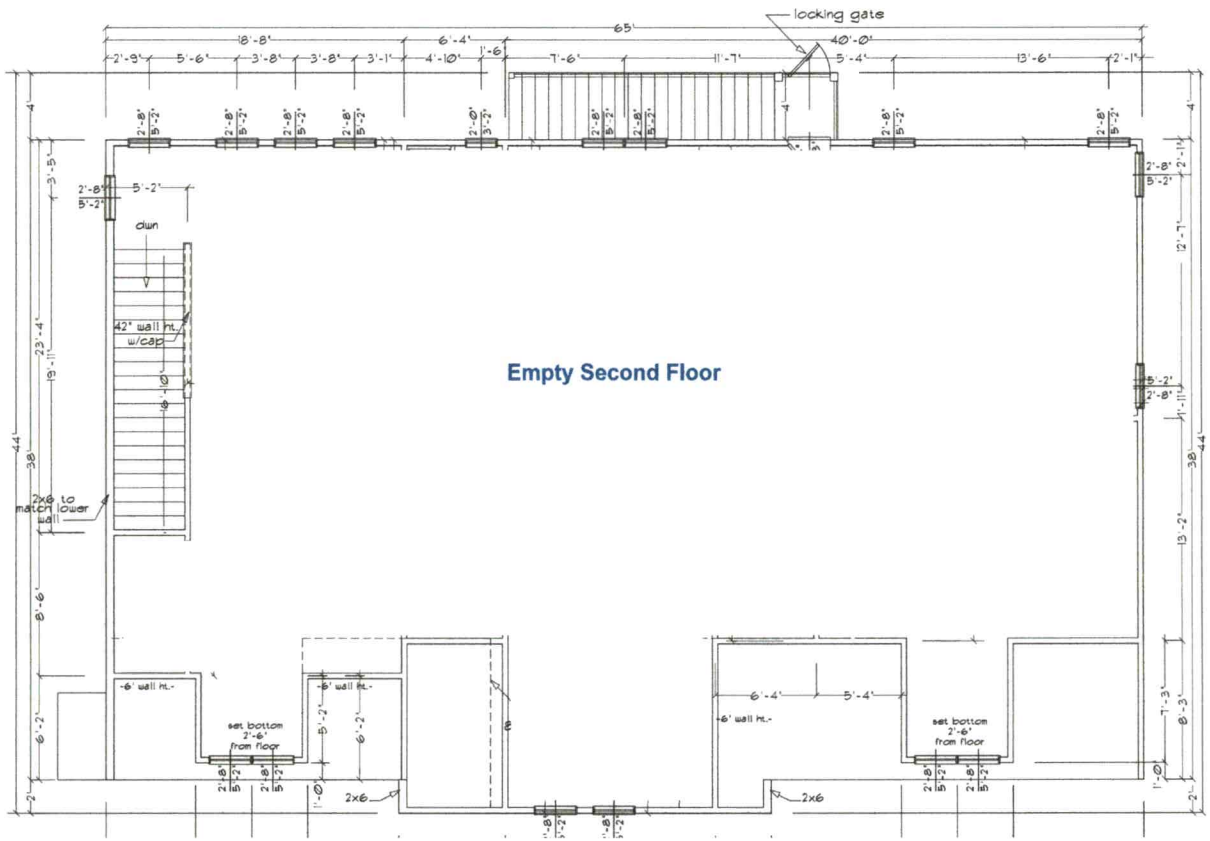
Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	LP PPBPS	110
2	Repair	Blue	LP PPBPS	130
3	Repair	Orange	LP PPBPS	145
4	Repair	Red	LP PPBPS	145
5	System	Blue	25% Reduction	135 endfed
6	System	Orange	25% Reduction	135 endfed
				Total System: 270'
				Total Repair: 535'

Note: Keep proper setbacks to foundation drains
Distribution devices and tank locations can be altered at ICHD's discretion
Tanks must be set to achieve gravity flow once final foundation placement is set
System designed so that a future 6 bedroom house can possibly be tied into the existing drainfield

Acknowledgement Of Plans Submittal ONLY!

_____ Date _____

_____ Date 10/13/22



OAK GROVE GARAGE SECOND FLOOR LAYOUT
SCALE: 1/4" ======== 1'-0"
SHOWN W/8'-1" WALL HT.

PROJECT:

Simon Residence
973 Linwood Rd.
Mooresville, 28115
Iredell County, NC

To:

Danielle Wieberg, REHS
Environmental Health Specialist - OSWW
Iredell County Health Department
610 E. Center Avenue
Mooresville, NC 28115
704-902-4482

This is to certify that the second floor of the Carriage House has not been constructed or developed, and that no person lives in this property.

Miguel Simon
—
734.239.4200
simon.miguel@me.com

This plan is confidential property of Miguel Simon.
This plan is not to be reproduced or copied or distributed in whole or in part.
This plan is not to be used in any other project, and it is provided to:

Iredell County Health Department

In care of:

Danielle Wieberg, REHS
Environmental Health Specialist - OSWW

For the sole purpose to ascertain and certify that the second floor layout has not been developed or otherwise constructed as of this date:

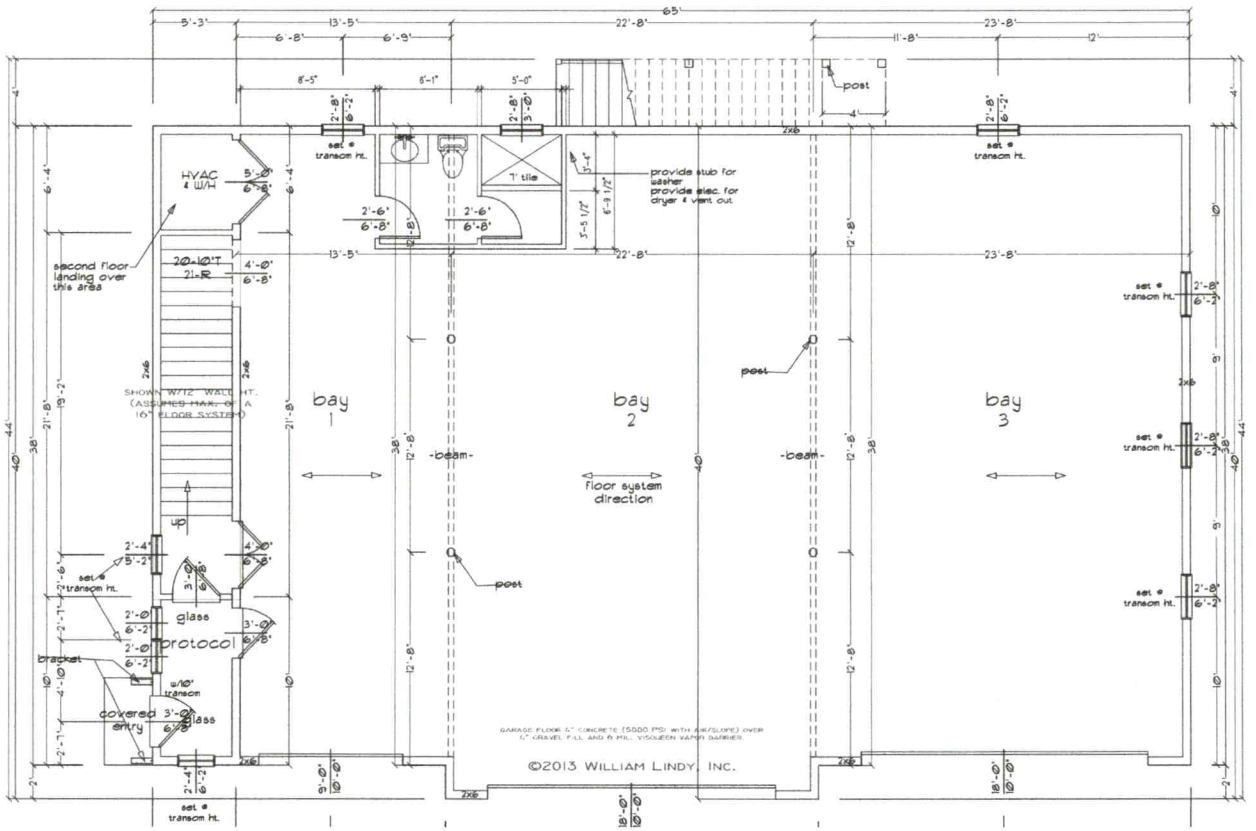
October 12, 2022. M. Simon

All rights reserved.
Copyright (c) Miguel Simon, 2018-2022.

Acknowledgement Of Plans Submittal ONLY!

Date _____

Date 10/13/22



OAK GROVE GARAGE LOWER LEVEL LAYOUT
SCALE: 1/4" ========= 1'-0"
SHOWN W/12'-1" WALL HT.

PROJECT:

Simon Residence
973 Linwood Rd.
Mooresville, 28115
Iredell County, NC

To:

Danielle Wieberg, REHS
Environmental Health Specialist - OSWW
Iredell County Health Department
610 E. Center Avenue
Mooresville, NC 28115
704-902-4482

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Miguel Simon
—
734.239.4200
simon.miguel@me.com

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Iredell County Health Department

In care of:

Danielle Wieberg, REHS
Environmental Health Specialist - OSWW

For the sole purpose to ascertain and certify that the second floor layout has not been developed or otherwise constructed as of this date:

October 12, 2022.

M. Simon

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IREDELL COUNTY HEALTH DEPARTMENT

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

MD 11:30

PERMIT # 219731

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

PIN # 4676-70-0565 ✓

APPLICANT: Miguel Simon | APPLICANT ADDRESS: 973 Linwood Rd Mooresville, NC 28115

SITE ADDRESS: 973 Linwood Rd. Mooresville, NC 28115 | PHONE: 704-578-4951 | ALT. PHONE:

SITE DIRECTIONS: Highway 152 East → R on Linwood Rd → Lot on Left

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 15.1 acres | DESIGN FLOW: 240 GPD | L.T.A.R.: 0.30

Septic Tank 1000 (gal)	STB 1160	Date 8-1-17	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence
Pump Tank — (gal)	PT —	Date —	System Description: 25% Reduction (Parallel or Serial Distribution Allowed)		☐ Business
Pump Make —	Model —	Serial # —	Repair System Description: LP-PPBPS 50% Reduction		☐ Other
# Nitrification Fields 1	# Lines 3	Linear Ft: 270	Maintenance Agreement Required:	☐ YES ☒ NO	☒ Slab ☐ Crawl Space
Trench Width 36"	Max. Trench Bottom Depth 24"	Gravel Depth —		☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing ☐ Basement w/o plumbing

No. Bedrooms 2 | No. Persons 4 | No. Employees —

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Follow all N.C. septic rules. Recommend pumping septic tank every 3-5 years. A reference to a future ≥ 6-Bedroom house being "tied into" the existing field, any such change in use must first be applied for + meet the current rules + receive health department approval prior to construction.

No house started at time of inspection.

INITIAL SITE SKETCH

See attached plans by The Oaks Group PA

Kathleen Saunders LSS # 1313

AS BUILT SKETCH

Used Quick 4 Infiltrators as drawn

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: Kathleen Saunders Date: 7-11-16

IMPROVEMENT PERMIT by: Tom Shupe Date: 7-7-16

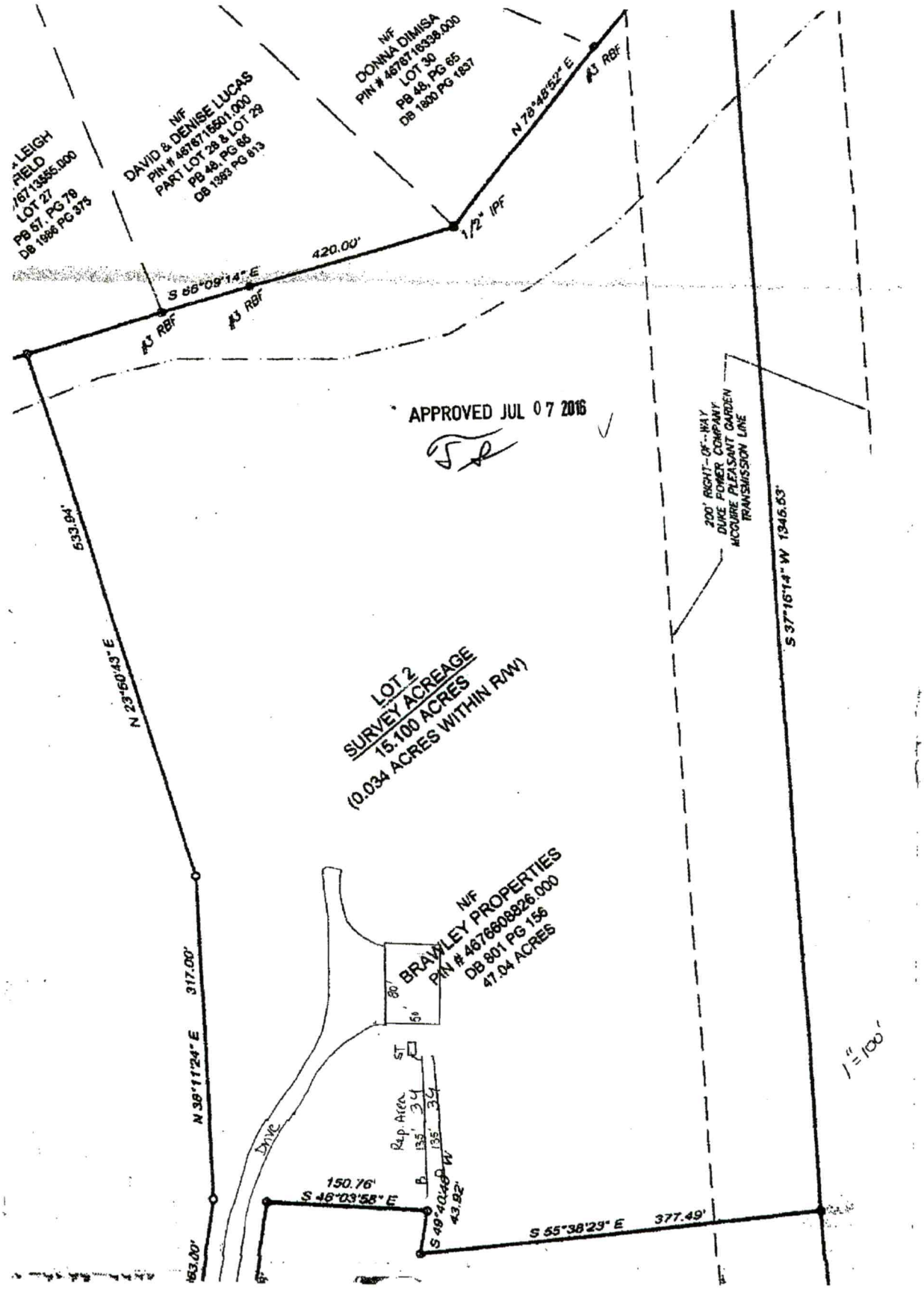
AUTHORIZATION TO CONSTRUCT by: Angela Watson Date: 12-7-17

Installed by: MRB Enterprises

OPERATION PERMIT by: Maria Dotson Date: 4/11/18

Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK


N/F
DONNA DIMISA
PIN # 4676716338.000
LOT 30
PB 48, PG 65
DB 1800 PG 1837
N/F
DAVID & DENISE LUCAS
PIN # 4676715501.000
PART LOT 28 & LOT 29
PB 48, PG 64
DB 1983 PG 613
LEIGH
FIELD
4671355.000
LOT 27
PB 57, PG 78
DB 1986 PG 375
N 78°48'52" E
#3 RBF
1/2" IPF
420.00'
S 56°09'14" E
#3 RBF
#3 RBF
APPROVED JUL 07 2016
200' RIGHT-OF-WAY
DUKE POWER COMPANY
MCGUIRE PLEASANT GARDEN
TRANSMISSION LINE
S 37°16'14" W 1345.63'
533.94'
N 23°60'43" E
LOT 2
SURVEY ACREAGE
15.100 ACRES
(0.034 ACRES WITHIN R/W)
N/F
BRAWLEY PROPERTIES
PIN # 4676608826.000
DB 801 PG 156
47.04 ACRES
80'
50'
317.00'
N 38°11'24" E
ST
Drive
R&P Area
135'
34'
135'
34'
150.76'
S 46°03'58" E
S 49°40'48" W
43.82'
S 55°38'29" E
377.49'
163.00'
1" = 100'

THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: 973 Linwood Road

Date: June 21, 2016

Attached is the septic specification information required to permit 973 Linwood Road for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Expedited Review Process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the ICHD with permitting. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the ICHD's responsibility to verify all specifications, including soil descriptions, before permitting and/or septic system installation.

APPROVED JUN 7 0 2016

APPROVED JUL 07 2016

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
1313
STATE OF NORTH CAROLINA

Kathleen Saunders

Linwood Road Fast Track - The Oaks Group, PA

Number of Bedrooms	**2**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**240**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	2 (See Table)
Total Linear Feet	270
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Distribution Box
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	24"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	535
Repair Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	LP PPBPS	110
2	Repair	Blue	LP PPBPS	135
3	Repair	Orange	LP PPBPS	145
4	Repair	Red	LP PPBPS	145
5	System	Blue	25% Reduction	135 endfed
6	System	Orange	25% Reduction	135 endfed
				Total System: 270'
				Total Repair: 535'

Note: Keep proper setbacks to foundation drains
Distribution devices and tank locations can be altered at tCHD's discretion
Tanks must be set to achieve gravity flow once final foundation placement is set
System designed so that a future 6 bedroom house can possibly be tied into the existing drainfield

APPROVED JUL 07 2016

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

Sheet 1 of 1
PROPERTY ID #: 4676 70 0565
COUNTY: Iredell

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

OWNER: Miguel Simon
ADDRESS: 973 Linwood Rd
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: 973 Linwood Rd
APPLICATION DATE: 6/21/16
DATE EVALUATED: 6/7/16
PROPERTY SIZE: 15.1
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
1A	L 5%	0-5	Mo GR SL	FR ns/np	Br				
		5-25	Mo SBK C	FR SS/SP	R; F Mica		N/A	N/A	0.3
		25-39	WK SBK C	↓	R; C sap				
		39-54	MA L Sap/ WK SBK CL	↓	R; C/M sap	54"+			
2B	L 5%	0-6	Mo GR SL	FR ns/np	Br				
		6-25	Mo SBK C	FR SS/SP	R				
		25-37	WK SBK C	↓	R; F sap	52"+	N/A	N/A	0.3
		37-52	WK SBK CL	↓	R yel; C sap; C pockets of L/SL Sap				
3C	L 5%	0-5	Mo GR SL	FR ns/np	Br				
		5-25	Mo SBK C	FR SS/SP	R				
		25-34	WK SBK C	FR SS/SP	R; F sap	48"+	N/A	N/A	0.3
		34-48	WK SBK C	FR SS/SP	R; C sap				
4D	L 5%	0-22	Mo ABK C	FR SS/SP	R				
		22-34	WK SBK CL	↓	R; C sap				
		34-48	MA L/SL sap	↓	multi	34"	PS	N/A	0.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III g	IV
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: kms
OTHER(S) PRESENT: ELH

COMMENTS:

APPROVED JUL 07 2016

Updated February 2014

APPROVED JUL 07 2016

PRELIMINARY SUBDIVISION PLAT
BRAWLEY PROPERTIES
LINWOOD ROAD
IREDELL COUNTY - MOOORESVILLE, NC

TAYLOR WISEMAN & TAYLOR
ENGINEERS | SURVEYORS | SCIENTISTS
SUBSURFACE UTILITY ENGINEERS
300 FORREST POINT CIRCLE, SUITE 116
CHARLOTTE, NC 28273
PHONE (704) 527-2535 FAX (704) 527-2537
NORTH CAROLINA LICENSE NUMBER: F-0382

1/1

DHHS

ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Miguel Simon — APPLICATION DATE 6-20-16
ADDRESS: 973 Linwood Rd Mooresville — DATE EVALUATED: 6-24-16
PROPOSED FACILITY: 3 BR Garage — PROPOSED DESIGN FLOW (.1949): 240 gal/day — PROPERTY SIZE: 15.1 acres
LOCATION OF SITE: 973 Linwood Rd Mooresville — 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	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
3	side slope/ shoulder 5%	0-5	w. SBK SL	Sl. Friable, SS, Sp, Sexp	—	48	—	—	0.3 PS
		5-32	w+m SBK clay(R)	Sl. Firm, SS, Sp, Sexp					
		R. Clay Loam W. ABK 32-48	Friable common SAP.	OK					
1	side slope shoulder 5%	0-5	w. SBK SL	Sl Friable, SS, Sp, Sexp	—	34"	—	—	0.3 PS
		5-29	clay w. SBK	Sl. Firm, SS, Sp, Sexp					
		29-34	clay Loam w/SBK	Friable, SS, Sp, Sexp					
		34-48	Loamy Mucsic Saprolite	Friable + moderately drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	270	545
System Type(s)	25% Reduction	50% Reduction
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Kathleen Sanders + Emma Helton

COMMENTS: measured locations of proposed D/F lines OK from adjacent property lines.