SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

☒ NEW SEPTIC ☐ REPAIR ☐ USE EXISTING ☐ MODIFIED PLOT PLAN ☐ ALTERATION

File Number: 7233 A

Assigned Inspector: Matt Hall

☒ IP $250.00: MH 3/24/23 Initial/Date

☐ IP Commercial $450.00: _____ Initial/Date

☑ CA & OP $400.00: SM 6/5/23 Initial/Date

☐ Alteration Fees $300: _____ Initial/Date

☐ Modified Plot Plan Fees $100.00: _____ Initial/Date

☐ Use Existing Fees $100.00: _____ Initial/Date

☐ Use Existing Approved ☐ Use Existing Denied

☒ Send IP permit for signature: SM 5/11/23 SM ☑ Signature received: 5/15/23 SM

☒ Floor plans reviewed

☒ Generate CA ☒ Approve as Noted in Winchester

☒ This site is served by septic and well. Verify each is complete before final hold is released

☐ This septic system requires a certified operation contract before final hold is released

☐ Certified operator contract is on file: _____

☒ Septic file complete: AB 9-17-24

☒ Release final hold in Winchester: AB 9-17-24

Comments:

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 03/24/23
Receipt #: 141731
Check / Auth #: VISA 071468
Received By: ORTIZMP

Amount: 250.00
Tendered: 250.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: WHITNEY, COSBY
Attn: YOUNGCO, INC.
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 5506 MT OLIVE CHURCH RD		1	250.00	250.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
305.00					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 06/05/23
Receipt #: 142962
Check / Auth #: VISA 049262
Received By: MOORES

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: KIAMESHA YOUNG
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 5506 MT OLIVE CHURCH RD		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	555.00				

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 06/05/23
Receipt #: 142961
Check / Auth #: VISA 049262
Received By: MOORES

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: CASH CUST (LAST NAME FIRST)
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 5506 MT OLIVE CHURCH RD		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
	555.00				

Groundwater & Wastewater Services: Septic Project File & D

GWS File #:	7233A
WASPS App #:	13744
Primary ES assigned to project:	Matt Hall
Secondary ES assigned to project:	
Project Type:	New System
Site Evaluation Information: .1939(a)(1) - Topography and Landscape Position Recorded?	Yes
Site Evaluation Information: .1940(a-g) - Slope % Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Texture Class Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Structure Type Recorded?	Yes
Site Evaluation Information: .1939 (a)(2) - Consistence Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Mineralogy Recorded?	Yes
Site Evaluation Information: .1939(a)(3) - Soil Wetness Condition Recorded?	Yes
Site Evaluation Information: .1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded?	Yes
Site Evaluation Information: .1937(m) - Are the Profile Locations Shown?	Yes
Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area?	Yes
Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR	Yes
Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial	Yes
Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair	N/A
Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial	Yes
Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial	Yes
Information Permit/Construction Authorization: .1945(b) - Repair area shown	N/A
Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?	Yes
Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct?	Yes
Improvement Permit/Construction Authorization: .1937(g) - Trench width correct?	Yes
Improvement Permit/Construction Authorization: .19379(g) - Trench length correct?	Yes

Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	No
Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points?	Yes
Corrections/modifications needed?	Yes
Comments:	Repair exempt lot. Please property line lengths.
IA issued date:	
OP Issued date:	
Review performed by:	Michelone
Date performed:	5/10/2023

Created at 5/10/2023 10:45 AM by Michelone, Jeremy
Last modified at 5/10/2023 10:45 AM by Michelone, Jeremy

Close

FEE: 200.00

DATE: 6/8/2023

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 7233A

PERMIT NUMBER: 30013744

PARCEL NUMBER: 11319625

JOB LOCATION INFORMATION

ADDRESS: 5506 MT OLIVE CHURCH RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28208

ISSUED TO: YOUNGCO, INC.

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 6/8/2023

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30013744, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature _____

DocuSign Envelope ID: CCFDF0AD-9C91-4B4C-BC92-8FACF668FE8B

7233A / 13744

24 MAR '23 PM 4:37

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ⊗ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ○ N/A ⊗ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 11319625
STREET ADDRESS: 5506 MT OLIVE CHURCH RD
CITY: CHARLOTTE
STATE: NC **ZIP:** 28208
SUBDIVISION NAME: Dixie Acres
LOT #: _____ **LOT SIZE (acres):** 0.62

TOWNSHIP:
⊗ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
⊗ HOUSE ○ OTHER _____

HEATED SQUARE FOOTAGE: 1,479
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 2

FOUNDATION TYPE:
⊗ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: [X] N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ○ MUNICIPAL ⊗ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ⊗ POTABLE (DRINKING WATER) ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

[ ] N/A [ ] ANY TYPE [X] CONVENTIONAL [ ] ACCEPTED [ ] INNOVATIVE [ ] ALTERNATIVE [ ] OTHER _____

8A. RANK: 1 ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ⊗ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ⊗ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ⊗ NO	JURISDICTIONAL WETLANDS	○ YES ⊗ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ⊗ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ⊗ NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ⊗ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ⊗ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ○ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ⊗ NO
WASTE STORAGE	○ YES ⊗ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ⊗ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____ [X] UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____ [X] N/A

12. PROPERTY OWNER:
NAME: YoungCo, Inc.
ADDRESS: 365 N New Hope Rd Ste 6
CITY: Gastonia
STATE: NC ZIP: 28054
WORK PHONE: (7040275-3560
MOBILE PHONE: (704) 275-3560
FAX: (980)489-6009
E-MAIL: Kiameshayoungteam@ycre.us

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. 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. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring. YC _____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. 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. The permit is valid for a period of twelve (12) months from the date of issuance. YC _____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

DocuSigned by:
Youngco Inc.
1C65FCC67B244G7...
Property Owner's or Owner's Legal Representative Signature

3/24/23
Date

OFFICE USE ONLY

O SURVEY PLAT TO SCALE SUBMITTED O SCALED SITE PLAN SUBMITTED O UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

DocuSign Envelope ID: CCFDF0AD-9C91-4B4C-BC92-8FACF668FE8B

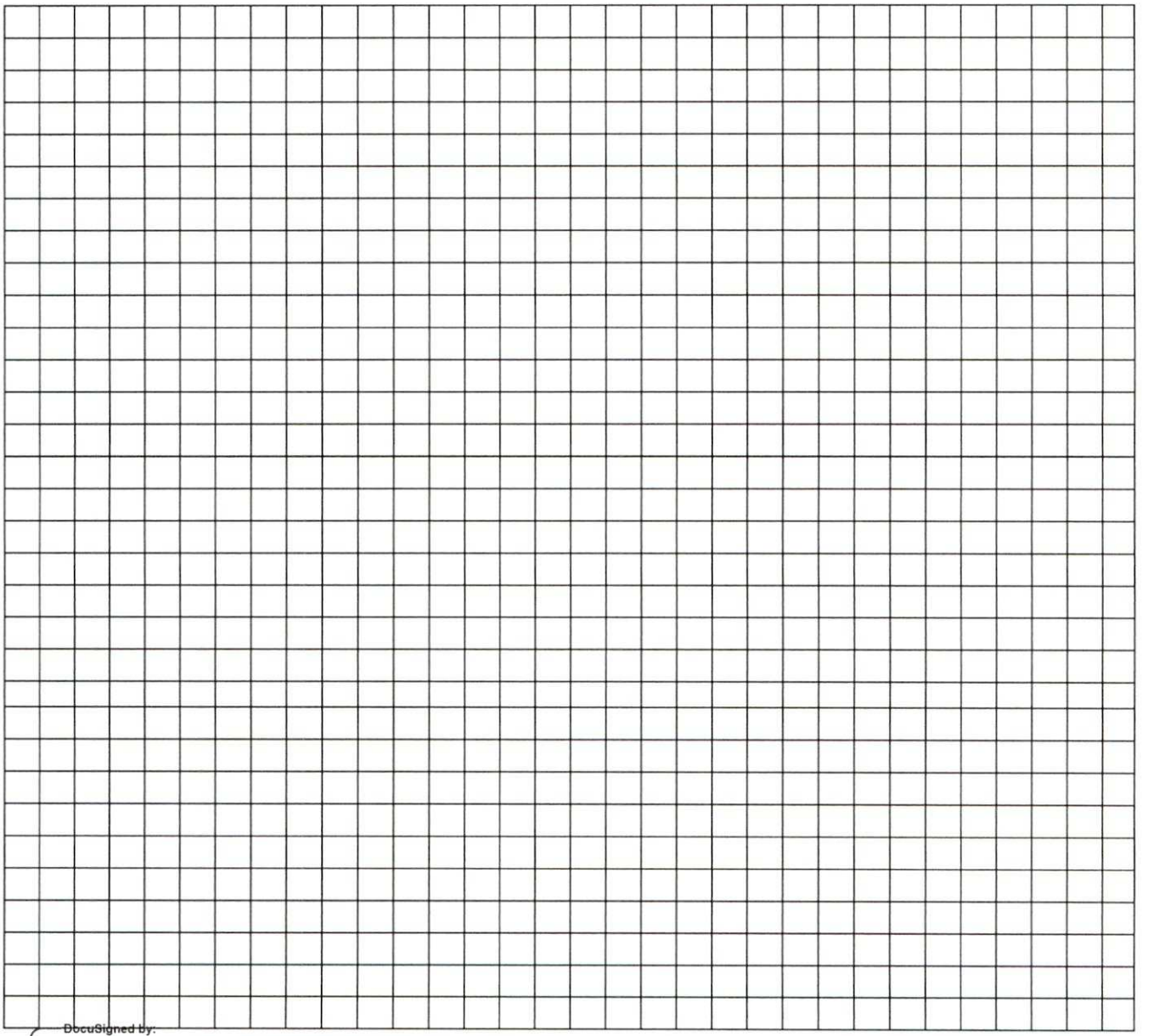
File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: _____ Tax Parcel #: _____

Subdivision Name: _____ Lot #: _____



DocuSigned by:
Youngco Inc.
1C65FCC67B244C7...
Property Owner's or Owner's Legal Representative Signature

3/24/2023
Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

SOIL AND SITE EVALUATION

5506 Mt. Olive Church Road
Charlotte, NC 28208

Prepared For:

Cyrus Mojdehi
1631 Longfellow
Charlotte, NC 28205

Prepared By:

Thompson Environmental Consulting
WATER • WASTEWATER • WETLANDS

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

January 5, 2021



INTRODUCTION & SITE DESCRIPTION

This Soil and Site Evaluation was performed on a 0.574-acre lot located at 5506 Mt. Olive Church Road, Charlotte, NC 28208 (Mecklenburg County PIN: 11319625). Thompson Environmental Consulting, Inc. (TEC) was retained to determine areas that are suitable for placement of an onsite subsurface wastewater septic system. The property was evaluated in accordance with North Carolina statutes for waste disposal ("Laws and Rules for Sewage Treatment and Disposal Systems", amended April 1, 2017).

The property is currently undeveloped and has been most recently used as a garden area. A very small portion of the property is vegetated with coniferous trees. One slight depressional feature was noted at the time of the field visit and is shown in Figure 1. The lot was recorded with the Mecklenburg County Register of Deeds Office on July 5, 1956 and would be considered exempt from repair area requirements per 15A NCAC 18A .1945 AVAILABLE SPACE (copy of recorded plat is attached to this report).

INVESTIGATION METHODOLOGY

The field survey was conducted on January 5, 2021 by Larry Thompson, LSS. Soil borings were advanced with a hand-held auger and soil colors were determined using a Munsell Soil Color Chart. Observations of the landscape as well as soil properties (depth, texture, structure, soil wetness, restrictive horizons, etc.) were recorded.

FINDINGS

Four soil borings were described and their locations are noted in Figure 1. Detailed soil boring descriptions are also attached to this report.

All borings were rated as Provisionally Suitable for wastewater treatment and disposal. Surfaces typically exhibited a friable clay loam texture with weak, medium, subangular blocky structure to a depth of 8 to 10 inches. Upper subsurface horizons exhibited firm clay textures with moderate, medium, subangular blocky structure to a depth of 41 to 48 inches. A long-term acceptance rate (LTAR) of 0.3 gal./day/sq. ft. would be recommended for these soils.

DISCUSSION

The soils observed would be classified as Provisionally Suitable for subsurface wastewater treatment and disposal and be assigned long-term acceptance rate (LTAR) of 0.3 GPD/sq.-ft. Approximately 7,000 sq.-ft. of suitable soil area would need to be allocated and left completely available for the installation and repair of an Accepted System or a 4-bedroom single family residence.

CONCLUSION

The findings presented herein represent TEC's professional opinion based on our Soil and Site Evaluation and knowledge of the current laws and rules governing on-site wastewater systems in North Carolina.

Soils naturally change across a landscape and contain many inclusions. As such, attempts to quantify them are not always precise and exact. Due to this inherent variability of soils and the subjectivity when determining limiting factors, there is no guarantee that a regulating authority will agree with the findings of this report

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

7/7414 map

Sheet 1 of 1
PROPERTY ID #: 11319625
COUNTY: Mecklenburg

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**

OWNER: Transit Damage Freight, Inc
ADDRESS: 7917 Moores Chapel Road, Charlotte, NC 28214
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: 5506 Mt. Olive Church Road, Charlotte, NC
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut

DATE EVALUATED: 1-5-20
PROPERTY SIZE: 1.57 ac
PROPERTY RECORDED: 7-5-1956
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 3%	0-10	SBK/CL	FR/SS/SP/SAP	—	48"	—	—	PS 0.3
		10-48	SBK/C	F/S/P/SAP					
2	LS 5%	0-8	SBK/CL	FR/SS/SP/SAP	—	41"	—	41" AR	PS 0.3
		8-41	SBK/C	F/S/P/SAP					
3	LS 3%	0-9	SBK/CL	FR/SS/SP/SAP	—	48"	—	—	PS 0.3
		9-48	SBK/C	F/S/P/SAP					
4	LS 7%	0-8	SBK/CL	FR/SS/SP/SAP	—	48"	—	—	PS 0.3
		8-48	SBK/C	F/S/P/SAP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Exempt
System Type(s)	Accepted/PPPS	↓
Site LTAR	0.3	↓

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): Provisionally Suitable
EVALUATED BY: Larry Thompson, LSS
OTHER(S) PRESENT: _____

COMMENTS: _____

Updated February 2014

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

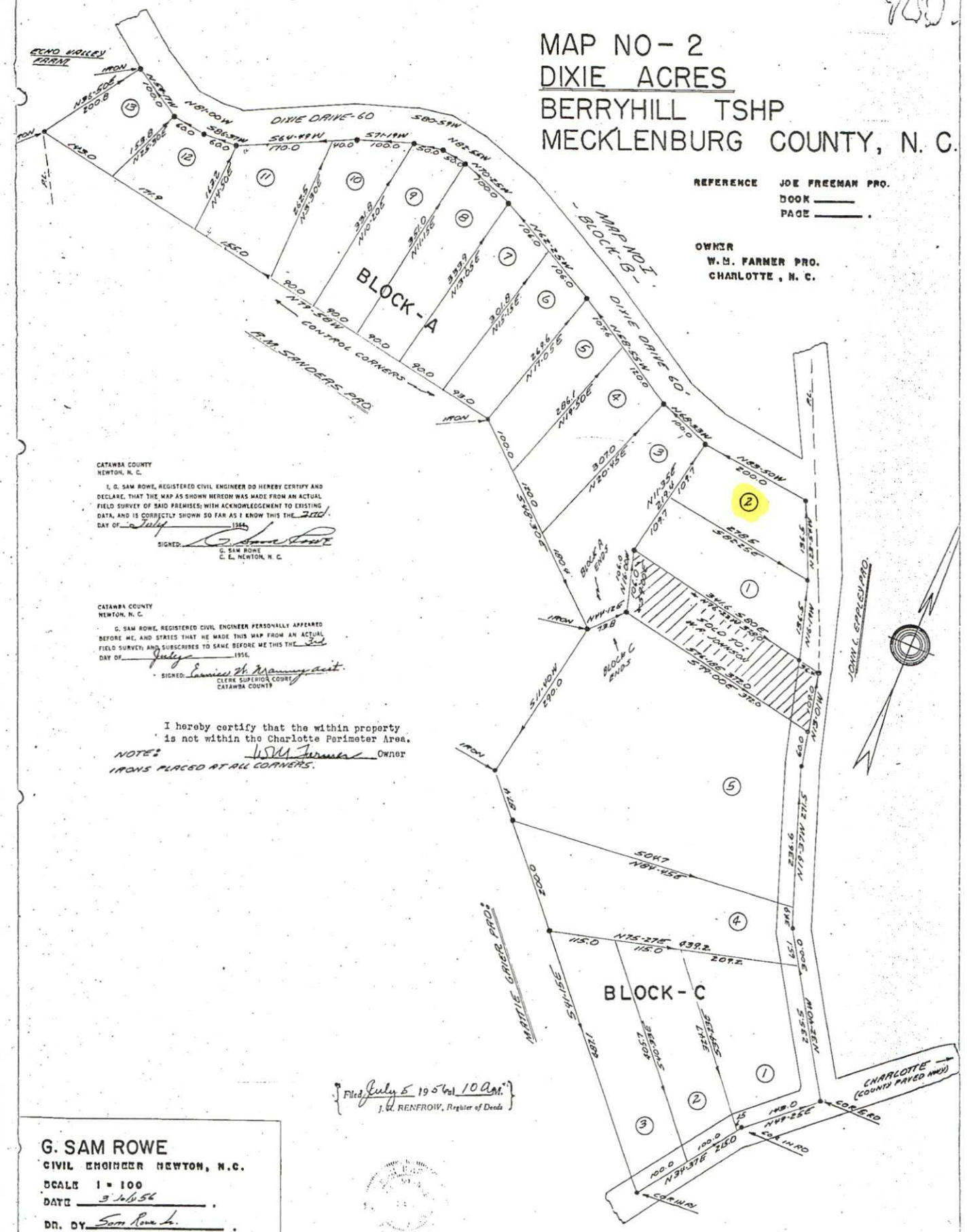
Show profile locations and other site features (dimensions, reference or benchmark, and North).



MAP NO - 2
DIXIE ACRES
BERRYHILL TSHP
MECKLENBURG COUNTY, N. C.

REFERENCE JOE FREEMAN PRO.
BOOK ____
PAGE ____.

OWNER
W. M. FARMER PRO.
CHARLOTTE, N. C.


ECHO VALLEY FARMS
IRON
DIXIE DRIVE-60
MAP NO 2 - BLOCK-B -
BLOCK-A
BLOCK-C
F.M. SANDERS PRO.
CONTROL CORNERS
DIXIE DRIVE 60-
JOHN L. EPPLEY RD.
CHARLOTTE (COUNTY PAVED HWY)
CORE RD
CORE RD
IRON
BLOCK A ENDS
BLOCK C ENDS
N36-50E 200.8
N36-50E 200.0
N89-00W 100.0
S86-37W 600
S64-49W 110.0
S7-19W 100.0
S80-54W
N12-54W 100.0
N20-25W 106.0
N28-55W 120.0
N28-55W 100.0
N28-55W 200.0
S48-30E 100.0
S11-00W 190.0
N48-12E 75.8
N48-12E 100.0
S48-00E 372.0
S7-00E 372.0
N13-00W 120.0
N13-00W 600
N13-00W 237.5
N13-00W 236.6
S48-00E 600
S50-47W 0.00 FT
N89-45E
N75-27E 115.0
N75-27E 115.0
S14-45E 120.0
S14-45E 120.0
N49-25E 100.0
N49-25E 100.0
N34-37E 215.0
N34-37E 100.0
S48-00E 372.0
N48-12E 75.8
N48-12E 100.0
N48-12E 100.0
N48-12E 100.0

DocuSign Envelope ID: CCF0F0AD-9C91-4B4C-BC92-8F ACF 6587 E8B

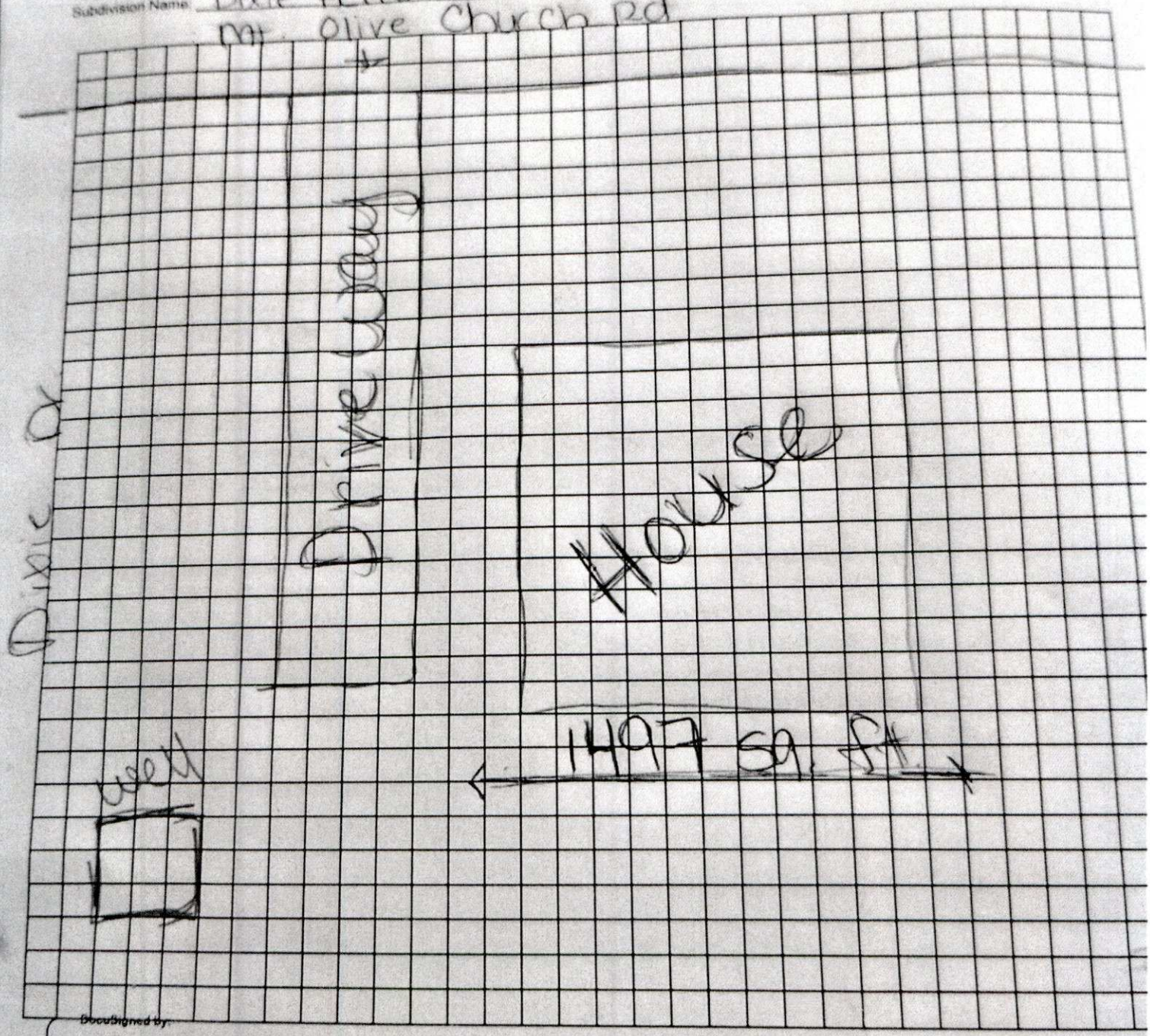
PROPOSED PLOT PLAN

File #: _____

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 5506 Mt Olive Church Rd Tax Parcel #: 11919625

Subdivision Name: Dixie Acres Lot #: 1



DocuSigned by:
Youngco Inc.
1C05FCC47B244C7...
Property Owner's or Owner's Legal Representative Signature

3/24/2023
Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER

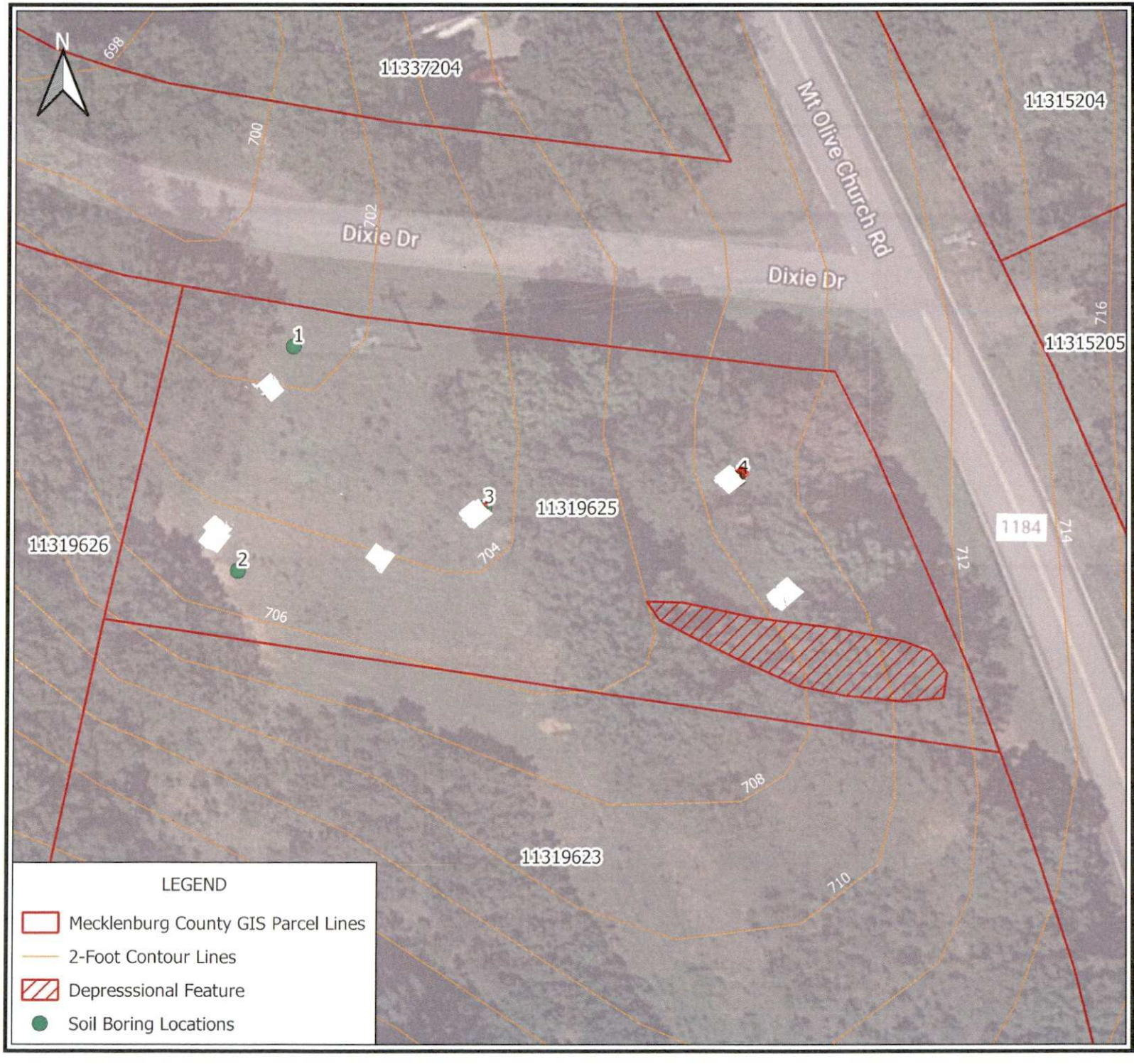


FIGURE 1

Prepared For:

Cyrus Mojdehi

Soil and Site Evaluation

5506 Mt Olive Ch. Rd.
Charlotte, NC 28208

Mecklenburg County

Scale:

0 20 40 ft

TEC Job No.
21-05

Date:
January 2021

Thompson Environmental Consulting

WATER · WASTEWATER · WETLANDS

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 113F1625
Lot #: NA
File #: 7233A
AppID: 13744

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Property Owner: KELLY MARINA CARPIO
Address: 5532 CARLINGFORD CT, CHARLOTTE NC 28208
Proposed Facility: 3 BDR
Design Flow (.1949): 360 gpd
Location: 5506 MOUNT OLIVE CHURCH RD
Water Supply: [ ] Public [] Individual
Evaluation Method: [X] Auger Boring
Type of Wastewater: [X] Sewage
[ ] Well
[ ] Pit
[ ] Industrial Process

Applicant: YOUNGCO, INC
Date Evaluated: 4/17/23
Property Size: .574 ACRES
Property Recorded:
[ ] Spring [ ] Municipal
[ ] Cut
[ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	Profile Class & LTAR	Maximum Trench Bottom Depth for 3' Wide Conventional Trench
Pit		0-12	gr l	ss/sp/vfr/sexp						IV	
#1	>5	12-36	sbk c	ss/sp/fr/sexp	>48	>48				.3	36"
		36-48	sbk cl	ss/sp/vfr/sexp							
Pit		0-8	gr l	ss/sp/vfr/sexp						IV	
#2	>5	8-37	sbk c	ss/sp/fr/sexp	>48					.3	36"
		37-48	sbk cl	ss/sp/fr/sexp							
Pit		0-10	gr l	ss/sp/vfr/sexp						IV	
#3	10%	10-36	abk c	s/p/fi/exp	73"	48			2 chroma mottling	US	US
		36-48	abk c	Massive/prismatic					beginning at 38"		
Pit		0-8	gr l	ss/sp/vfr/sexp						IV	
#4	>5	8-40	sbk c	ss/sp/fr/sexp	>48	>48				.3	36"
		40-48	sbk cl	ss/sp/vfr/sexp							
Boring		0-5	gr l	ss/sp/vfr/sexp						IV	
#5	>5	5-40	sbk c	ss/sp/fr/sexp	>48	>48				.3	36"
		-48	sbk cl	ss/sp/fr/sexp							
Boring 6											

Description	Initial System	Repair System
Available Space (.1945)	PS	Exempt
System Type(s)	IIIe	
Site LTAR (gpd/sq ft)	.3	

Other Factors (.1946):
Soil Evaluation By: Matt Hall
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Matthew Hall
Others Present: S. Michelone

Matt Hall

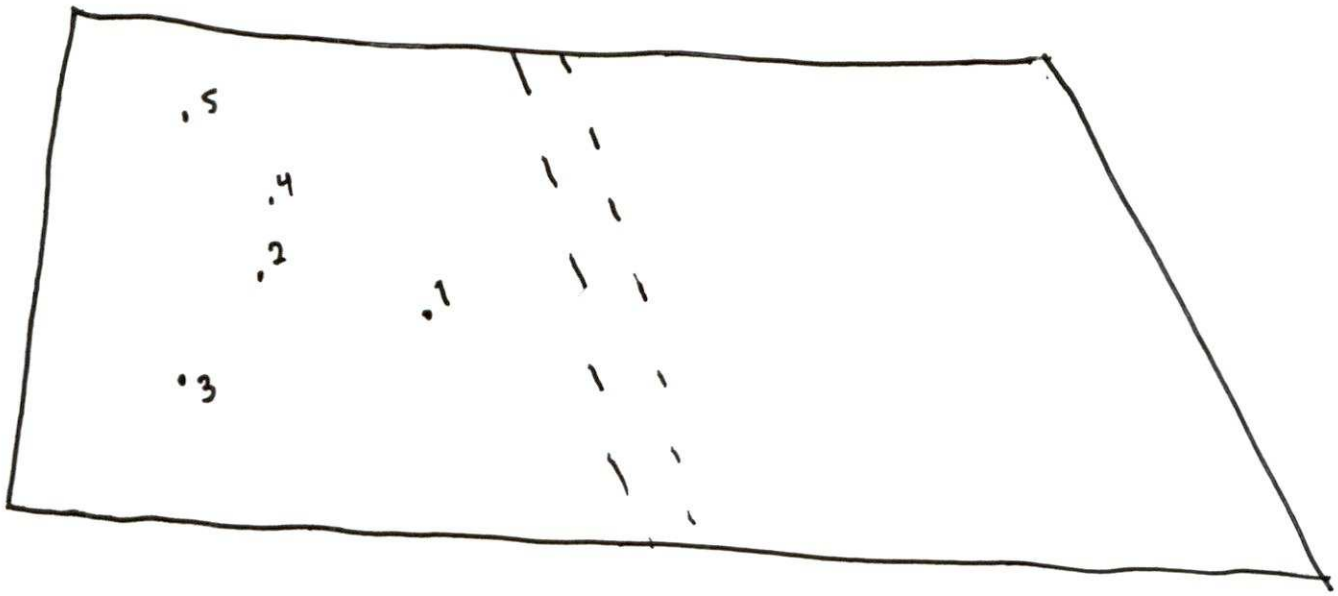
COMMENTS:

Sheet:
File:
AppID: 13744

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	sg-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		mass-Massive
LS-Linear Slope				cr-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	gr-Granular
NS-Nose Slope		L-Loam		sbk-Subangular Blocky
HS-Head Slope				abk-Angular Blocky
CC-Concave Slope	III	Si-Silt	0.6 - 0.3	pl-Platy
		SiCL-Silty Clay Loam		pr-Prismatic
CV-Convex Slope				Sap-Saprolite
T-Terrace				
FP-Flood Plain		CL-Clay Loam		**Structure Prefixes**
D-Drainage Way		SCL-Sandy Clay Loam		w-weak
				m-moderate
				s-strong f-fine
				m-medium
		Silt		c-coarse
	IV	SC-Sandy Clay	0.4 - 0.1	
		SiC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	SS-Slightly Sticky	SEXP-Slightly Expansive
FR-Friable	S-Sticky	EXP-Expansive
FI-Firm	VS-Very Sticky	
VFI-Very Firm	NP-Non-Plastic	**Classification**
EFI-Extremely Firm	SP-Slightly Plastic	US-Unsuitable
	P-Plastic	PS-Provisionally Suitable
	VP-Very Plastic	S-Suitable
		NA-Not Applicable

Soil Boring Location Sketch



Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit # 30013744 GWS File #: 7233A Tax Parcel #: 113-196-25

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 5/9/2028

Type of Installation: Residential - New System Lot Number: 0

Structure Type: HOUSE Size (ft^2): 1479 # Bedrooms: 3 Max. Occup.: 6

Building Foundation: Concrete Slab Water Supply: Private Well

II. Initial System Type: PPBPS (gravity) **System Classification:** IIIe

Initial System Specifications:

Design Flow (gpd): 360 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1000 Pump Tank Size (gal): N/A

Trench Width (ft): 2 Trench Spacing (ft): 8 Absorption Area (ft^2): 600 Total Trench Length (ft): ~~300~~ 200 VIPBPS

Maximum Trench Depth (in): 36 Depth of Media (in): N/A Distribution Device: Distribution Box

III. Repair System Type: N/A **System Classification:** Repair Exempt

Repair System Specifications:

Design Flow (gpd): 0 LTAR (gpd/ft^2): 0 Septic Tank Size (gal): 0 Pump Tank Size (gal): 0

Trench Width (ft): 0 Trench Spacing (ft): 0 Absorption Area (ft^2): 0 Total Trench Length (ft): 0

Maximum Trench Depth (in): 0 Depth of Media (in): 0 Distribution Device: N/A

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Matthew Hall Owner/Legal Agent: Kiamoke Young
Print Name

Signature: Matt Hall Signature:

Date Issued: 5/9/2023

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
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On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30013744 GWS File #: 7233A

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- 100% repair area is not required for this property. However, the maximum feasible area shall be allocated for a repair area.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All components of the septic system must be located at least 100 ft. (50 ft. minimum) from all private wells.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- The invert of the sewer pipe exiting the structrue should be kept as high as possible in order to achieve gravity flow to the drain field. A dosing tank will be required if gravity flow to the drain field can not be achieved.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.

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Authorized Agent: Matthew Hall

Signature: Matthew Hall

Date Issued: 5/9/2023

Owner/Legal Agent: Tameka Young
Print Name

Signature:

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 13744
PID #: 11319625
File #: 7238A

Authorized Agent: Matt Abell Date: 5/9/23

Owner/ Legal Agent: [signature] Date: 5/15/23

1 inch = 40 fee

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30013744 GWS File #: 7233A Tax Parcel #: 113-196-25

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Maximum Trench Depth (in): 36 Depth of Media (in): N/A Distribution Device: Distribution Box

III. Repair System Type: N/A **System Classification:** Repair Exempt

Repair System Specifications:

Design Flow (gpd): 0 LTAR (gpd/ft^2): 0 Septic Tank Size (gal): 0 Pump Tank Size (gal): 0

Trench Width (ft): 0 Trench Spacing (ft): 0 Absorption Area (ft^2): 0 Total Trench Length (ft): 0

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- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Matthew Hall Owner/Legal Agent: _____
Print Name

Signature: Matt Hall Signature: _____

Date Issued: 5/9/2023

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30013744** GWS File #: **7233A**

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Authorized Agent: Matthew Hall

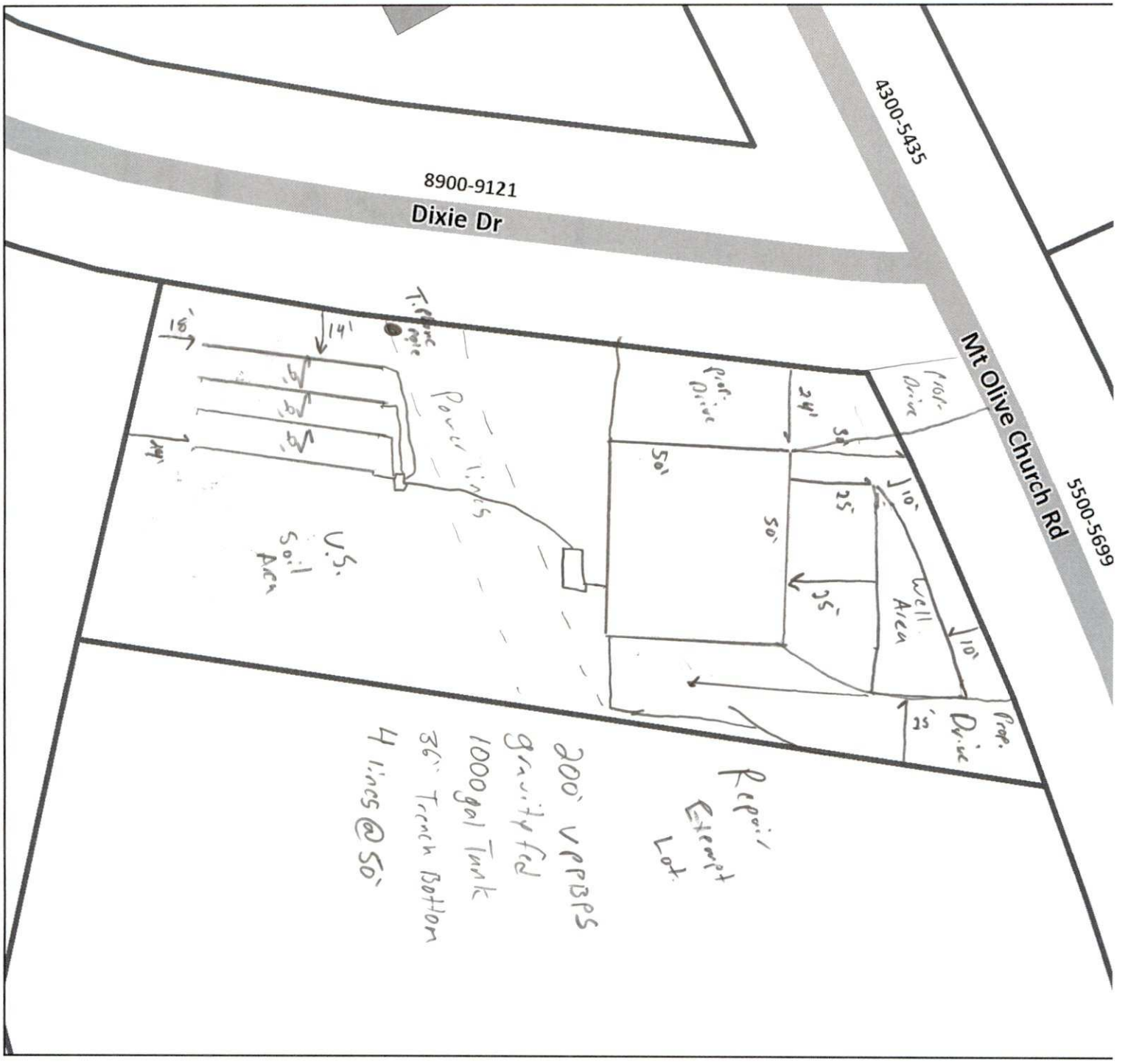
Signature: _____

Date Issued: 5/9/2023

Owner/Legal Agent: _____
Print Name

Signature: _____

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 13744
PID #: 11319625
File #: 7238A

Authorized Agent: _____ Date: 5/9/23

Owner/ Legal Agent: _____ Date: _____

1 inch = 40 fee

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 7233A App# 13744 Tax Parcel# 113-196-25

Property Owner: Kelly Carpio / Jose Bautista

Job Location Address: 5506 Mt Olive Church Rd

City: Charlotte State: NC Zip Code: 28208

1. Does System design match facility, flow & wastewater characteristics?

   ☑ YES ☐ NO

   Comments: _____

2. Is there sufficient available space for the septic systems initial and repair areas?

   ☑ YES ☐ NO

   Comments: _____

3. Can the septic system be installed per the permit conditions and drawing on file?

   ☑ YES ☐ NO

   Comments: _____

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☐ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

Matthew Hall
Authorized Agent

11/19/24
Date

Rhea's Septic
Others Present

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 7233A Permit #: 30013744 Tax Parcel #: 113-196-25

Property Owner: Kelly Carrio / Jose Bautista

Job Location Address: 5506 Mt Olive Church Rd

City: Charlotte State: NC Zip Code: 28208

Operation Permit Issuance Date: 9/17/24 Contractor Name: Rhea's Septic

Permitted Design Flow: 360 GPD Liquid Capacity of Dosing Tank: N/A gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Wellington Hamm STB 96-1000 Effluent Pump Model: NA

Drainfield Installation ☐ N/A

Trench Depth: 36 inches

Trench Width: 2 feet

Line Spacing: 8 feet (O.C.)

Total line length: 200 feet

# of Lines: 4 @ 50 feet

Depth of Media: 27 inches (Type) VPPIBPS

Depth of Cover: 9 inches

Distribution Device: Distribution Box

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: >10 feet

Distance from Property Line: >10 feet

Distance from Water Supply Source: 750 feet

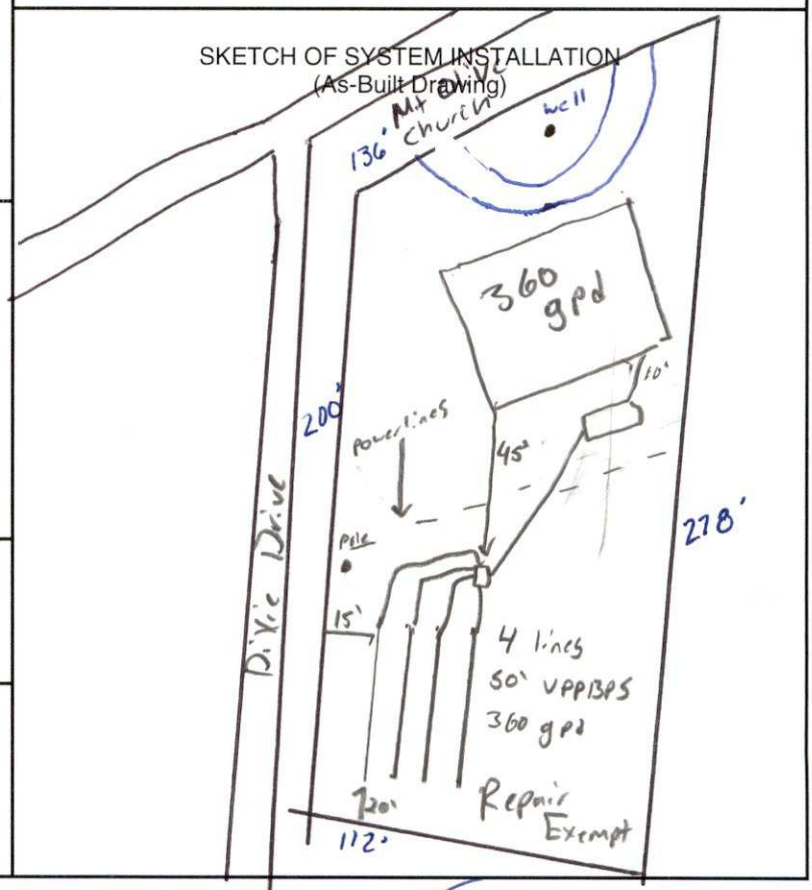
Inspection Dates

Tank(s) Inspected: 11/14/23

Excavation Inspected: 11/14/23

Pump & Controls Inspected: N/A

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☑ installed ☐ altered ☐ repaired ☑ as detailed in the plot above ☑ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIc / gravity to d-box VPPIBPS / NA / NA

DENR Authorized Agent: Matt Hall Signature: Matt Hall

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 7233A Permit #: 36013744 Tax Parcel #: 113-196-25

Property Owner: Jose Bautista / Kelly Capio

Job Location Address: 5506 Mt Olive Church

City: Charlotte State: NC Zip Code: 28208

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIc

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Matthew Hull Date: 11/18/23

Signature: Matt Hull