SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

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

File Number: 9721B

Assigned Inspector: Braedon

☐ IP $250.00: _____Initial/Date

☐ IP Commercial $450.00: _____ Initial/Date

☐ CA & OP $400.00: _____ 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: _____ ☐ Signature received: _____

☐ 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: 2/5/25

☐ Release final hold in Winchester: _____

Comments:

Repair Complete

9721B
#15177

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: 05316105
STREET ADDRESS: 12601 Moores Chapel Rd.
CITY: Charlotte
STATE: NC ZIP: 28214
SUBDIVISION NAME: _____
LOT #: _____ LOT SIZE (acres): 11.10

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: 2,480
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 4

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: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: 0 NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 1

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 ☑ CONVENTIONAL ☑ ACCEPTED ☑ INNOVATIVE ☑ ALTERNATIVE ☐ OTHER _____

8A. RANK: 1 2 3 4 ____

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? _____ ☑ UNKNOWN

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

12. PROPERTY OWNER:

NAME: Jake Armour and Martha Eppes
ADDRESS: 12601 Moores Chapel Rd.
CITY: Charlotte
STATE: NC ZIP: 28214
WORK PHONE: (704) 619-5840
MOBILE PHONE: (505) 280-3617
FAX: _____
E-MAIL: volksheads@yahoo.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

**Owner's Authorization form is required if legal representative is submitting application*

NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894 Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

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.

JA (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.

_____ (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.

Jake Armour
Property Owner's or Owner's Legal Representative Signature

12/23/20
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
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894 Email: Wellreg@MecklenburgCountyNC.gov

File #: _____

PROPOSED PLOT PLAN

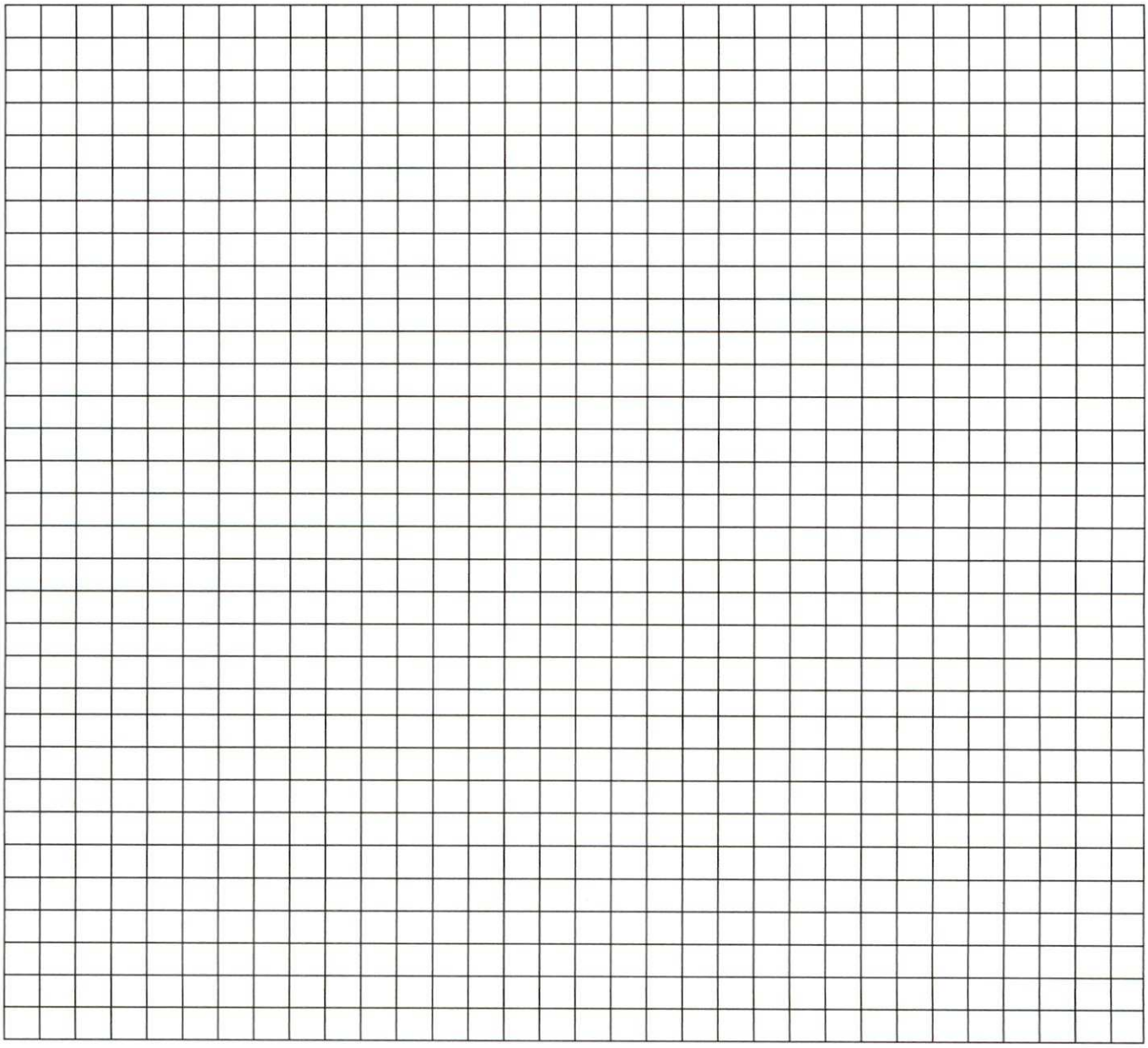
A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), 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: 12601 Moores Chapel Rd., Charlotte, NC 2

Tax Parcel #: 05316105

Subdivision Name: _____

Lot #: _____



Jake Armour

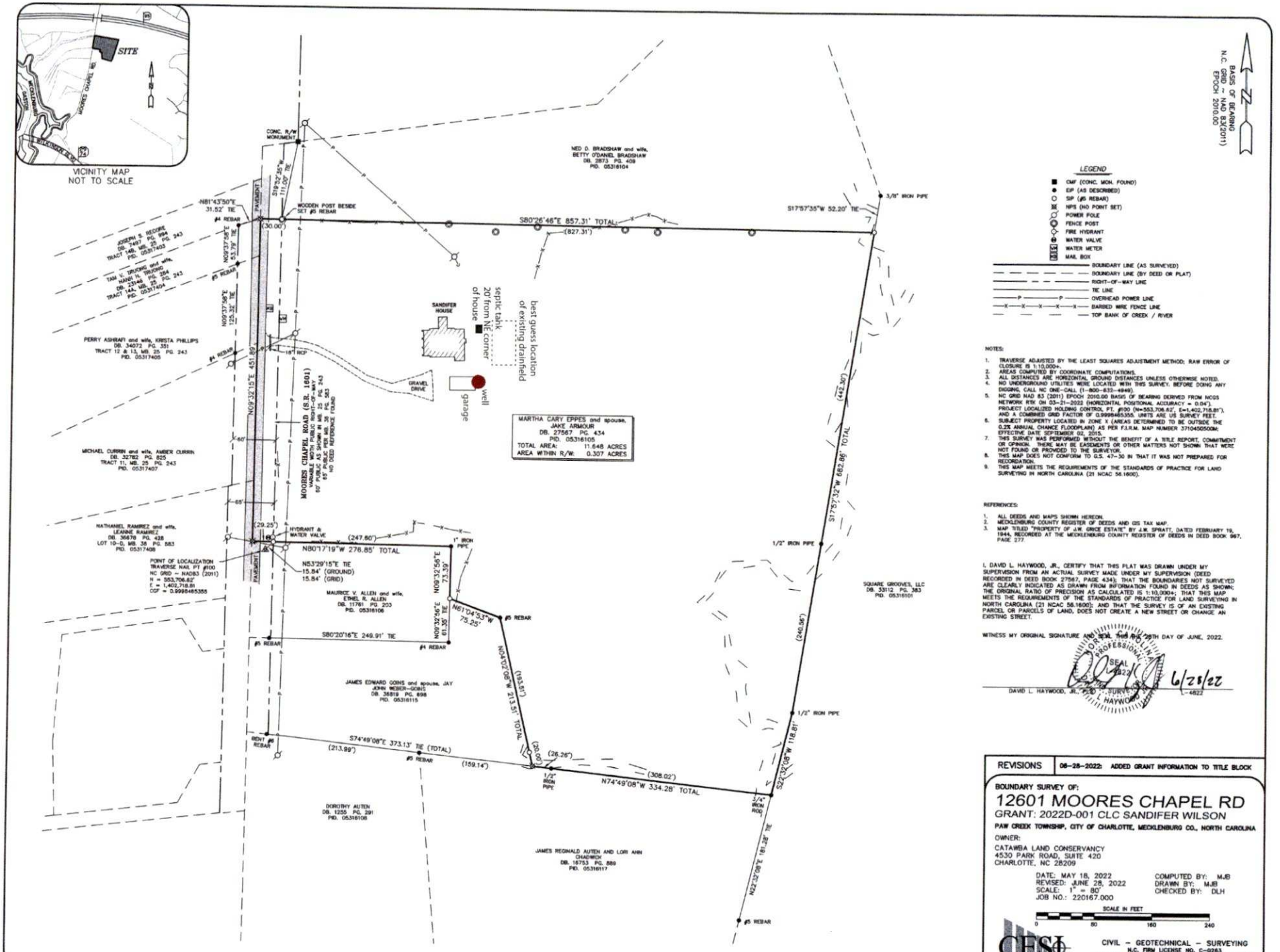
Property Owner's or Owner's Legal Representative Signature

12/23/24

Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894 Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17


VICINITY MAP
NOT TO SCALE
SITE
MOORES CHAPEL RD
MCKEE RD
WILKINSON BLVD
BASIS OF BEARING
N.C. GRID ~ NAD 83(2011)
EPOCH 2010.00
LEGEND
CMF (CONC. MON. FOUND)
EIP (AS DESCRIBED)
SIP (#5 REBAR)
NPS (NO POINT SET)
POWER POLE
FENCE POST
FIRE HYDRANT
WATER VALVE
WATER METER
MAIL BOX
BOUNDARY LINE (AS SURVEYED)
BOUNDARY LINE (BY DEED OR PLAT)
RIGHT-OF-WAY LINE
TIE LINE
OVERHEAD POWER LINE
BARBED WIRE FENCE LINE
TOP BANK OF CREEK / RIVER
MARTHA CARY EPPES and spouse, JAKE ARMOUR
DB. 27567 PG. 434
PID. 05316105
TOTAL AREA: 11.648 ACRES
AREA WITHIN R/W: 0.307 ACRES
MOORES CHAPEL ROAD (S.R. 1601)
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY
PUBLIC AS SHOWN IN MB. 25 PG. 243
60' AS PER G.I.S. DATA
NO DEED REFERENCE FOUND
NED D. BRADSHAW and wife, BETTY O'DANIEL BRADSHAW
DB. 2873 PG. 409
PID. 05316104
JOSEPH S. REDFIRE
DB. 7497 PG. 994
TRACT 14B, MB. 25 PG. 243
PID. 05317403
TAM V. TRUONG and wife, HANH T. TRUONG
DB. 23946 PG. 384
TRACT 14A, MB. 25 PG. 243
PID. 05317404
PERRY ASHRAFI and wife, KRISTA PHILLIPS
DB. 34072 PG. 351
TRACT 12 & 13, MB. 25 PG. 243
PID. 05317405
MICHAEL CURRIN and wife, AMBER CURRIN
DB. 32782 PG. 825
TRACT 11, MB. 25 PG. 243
PID. 05317407
NATHANIEL RAMIREZ and wife, LEANNE RAMIREZ
DB. 36670 PG. 428
LOT 10-D, MB. 38 PG. 583
PID. 05317408
MAURICE V. ALLEN and wife, ETHEL R. ALLEN
DB. 11761 PG. 203
PID. 05316106
JAMES EDWARD GOINS and spouse, JAY JOHN WEBER-GOINS
DB. 36819 PG. 898
PID. 05316115
DOROTHY AUTEN
DB. 1255 PG. 291
PID. 05316108
JAMES REGINALD AUTEN AND LORI ANN CHADWICK
DB. 16753 PG. 889
PID. 05316117
SQUARE GROOVES, LLC
DB. 33112 PG. 383
PID. 05316101
POINT OF LOCALIZATION
TRAVERSE NAIL PT #100
NC GRID ~ NAD83 (2011)
N = 553,706.62'
E = 1,402,718.81
COF = 0.9998485355
S80°26'46"E 857.31' TOTAL
(827.31')
S17°57'35"W 52.20' TIE
3/8" IRON PIPE
S17°57'32"W 682.86' TOTAL
(682.36')
1/2" IRON PIPE
(240.96')
S22°32'08"W 118.81'
3/4" IRON PIPE
N22°32'08"E 181.28' TIE
#5 REBAR
N74°49'08"W 334.28' TOTAL
(308.02')
(26.26')
1/2" IRON PIPE
S74°49'08"E 373.13' TIE (TOTAL)
(213.99')
(159.14')
#5 REBAR
BENT #5 REBAR
N04°02'08"W 213.31' TOTAL
(193.51')
(20.00')
N61°04'53"W 75.25'
#5 REBAR
N09°32'56"E 73.39'
1" IRON PIPE
N09°32'56"E 61.35' TIE
#4 REBAR
S80°20'16"E 249.91' TIE
#5 REBAR
N80°17'19"W 276.85' TOTAL
(247.60')
HYDRANT & WATER VALVE
(29.25')
N53°29'15"E TIE
15.84' (GROUND)
15.84' (GRID)
PAVEMENT
N09°32'15"E 451.89'
N09°37'56"E 129.32' TIE
N09°37'56"E 63.79' TIE
#5 REBAR
#4 REBAR
N81°43'50"E 31.52' TIE
#4 REBAR
S19°32'56"W 111.00' TIE
CONC. R/W MONUMENT
WOODEN POST BESIDE SET #5 REBAR
(30.00')
18" MOP
GRAVEL DRIVE
SANDIFER HOUSE
septic tank 20' from NE corner of house
best guess location of existing drainfield
well
garage
NOTES:
1. TRAVERSE ADJUSTED BY THE LEAST SQUARES ADJUSTMENT METHOD; RAW ERROR OF CLOSURE IS 1:10,000+.
2. AREAS COMPUTED BY COORDINATE COMPUTATIONS.
3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
4. NO UNDERGROUND UTILITIES WERE LOCATED WITH THIS SURVEY. BEFORE DOING ANY DIGGING, CALL NC ONE-CALL (1-800-632-4949).
5. NC GRID NAD 83 (2011) EPOCH 2010.00 BASIS OF BEARING DERIVED FROM NCGS NETWORK RTK ON 03-21-2022 (HORIZONTAL POSITIONAL ACCURACY = 0.04'). PROJECT LOCALIZED HOLDING CONTROL PT. #100 (N=553,706.62', E=1,402,718.81'), AND A COMBINED GRID FACTOR OF 0.9998485355. UNITS ARE US SURVEY FEET.
6. SUBJECT PROPERTY LOCATED IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS PER F.I.R.M. MAP NUMBER 3710450500M; EFFECTIVE DATE SEPTEMBER 02, 2015.
7. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT. COMMITMENT OR OPINION. THERE MAY BE EASEMENTS OR OTHER MATTERS NOT SHOWN THAT WERE NOT FOUND OR PROVIDED TO THE SURVEYOR.
8. THIS MAP DOES NOT CONFORM TO G.S. 47-30 IN THAT IT WAS NOT PREPARED FOR RECORDATION.
9. THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600).
REFERENCES:
1. ALL DEEDS AND MAPS SHOWN HEREON.
2. MECKLENBURG COUNTY REGISTER OF DEEDS AND GIS TAX MAP.
3. MAP TITLED "PROPERTY OF J.W. GRICE ESTATE" BY J.M. SPRATT, DATED FEBRUARY 19, 1944, RECORDED AT THE MECKLENBURG COUNTY REGISTER OF DEEDS IN DEED BOOK 967, PAGE 277.
I, DAVID L. HAYWOOD, JR., CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED RECORDED IN DEED BOOK 27567, PAGE 434); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN DEEDS AS SHOWN; THE ORIGINAL RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600); AND THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND, DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
WITNESS MY ORIGINAL SIGNATURE AND SEAL THIS 28TH DAY OF JUNE, 2022.
SEAL L-4822
DAVID L. HAYWOOD, JR., PLS
6/28/22
L-4822
REVISIONS
06-28-2022: ADDED GRANT INFORMATION TO TITLE BLOCK
BOUNDARY SURVEY OF:
12601 MOORES CHAPEL RD
GRANT: 2022D-001 CLC SANDIFER WILSON
PAW CREEK TOWNSHIP, CITY OF CHARLOTTE, MECKLENBURG CO., NORTH CAROLINA
OWNER:
CATAWBA LAND CONSERVANCY
4530 PARK ROAD, SUITE 420
CHARLOTTE, NC 28209
DATE: MAY 18, 2022
REVISED: JUNE 28, 2022
SCALE: 1" = 80'
JOB NO.: 220167.000
COMPUTED BY: MJB
DRAWN BY: MJB
CHECKED BY: DLH
SCALE IN FEET
0
80
160
240
CESI
CIVIL - GEOTECHNICAL - SURVEYING
N.C. FIRM LICENSE NO. C-0263
45 SPRING STREET SW CONCORD (704) 786-5404
CONCORD, NC 28025 FAX (704) 786-7454
ACAD FILE: 220167-000.DWG

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

*Repair

PROPERTY ID #: 05316105
COUNTY: Mecklenburg

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

OWNER: Martha Cary Eppes + Jake Armour DATE EVALUATED: 1/03/25
ADDRESS: 12601 Moores Chapel Rd
PROPOSED FACILITY: Repair PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: ±11 acres
LOCATION OF SITE: 12601 Moores Chapel Rd PROPERTY RECORDED: —
WATER SUPPLY: ☒ Public ☒ Single Family Well ☐ Shared Well ☐ Spring ☐ Other _____ WATER SUPPLY SETBACK: —
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Domestic ☐ High Strength ☐ IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0502(d) SLOPE CORRECTION
1	L 3%	0-12"	Sicl, Wblk	fri, SS, SP, SExP	—	—	—	—	N/A Repair	N/A
		12"+	Saprolite	—						
2	L 6% *Pit	0-37"	C, Wblk	fi, S, P, SExP	10YR 7/2 37"	37"+	—	—	IV Repair	22"
3	L 6%	0-37"	C, Wblk	fi, S, P, SExP	10YR 7/2 37"	37"+	—	—	IV Repair	22"
4	L 6%	0-44"	C, Wblk	fi, S, P, SExP	—	44"+	—	—	IV Repair	28"
		44"+	BC/C, Wblk	fri, SS, SP, SExP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		
Site LTAR		
Maximum Trench Depth		

SITE CLASSIFICATION (.0509): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

Comments: Repair. 3-Bedroom, 25% Reduction System, 3-100' Lines, Unable to locate existing System. Bentonite supply line, if it goes through existing System.

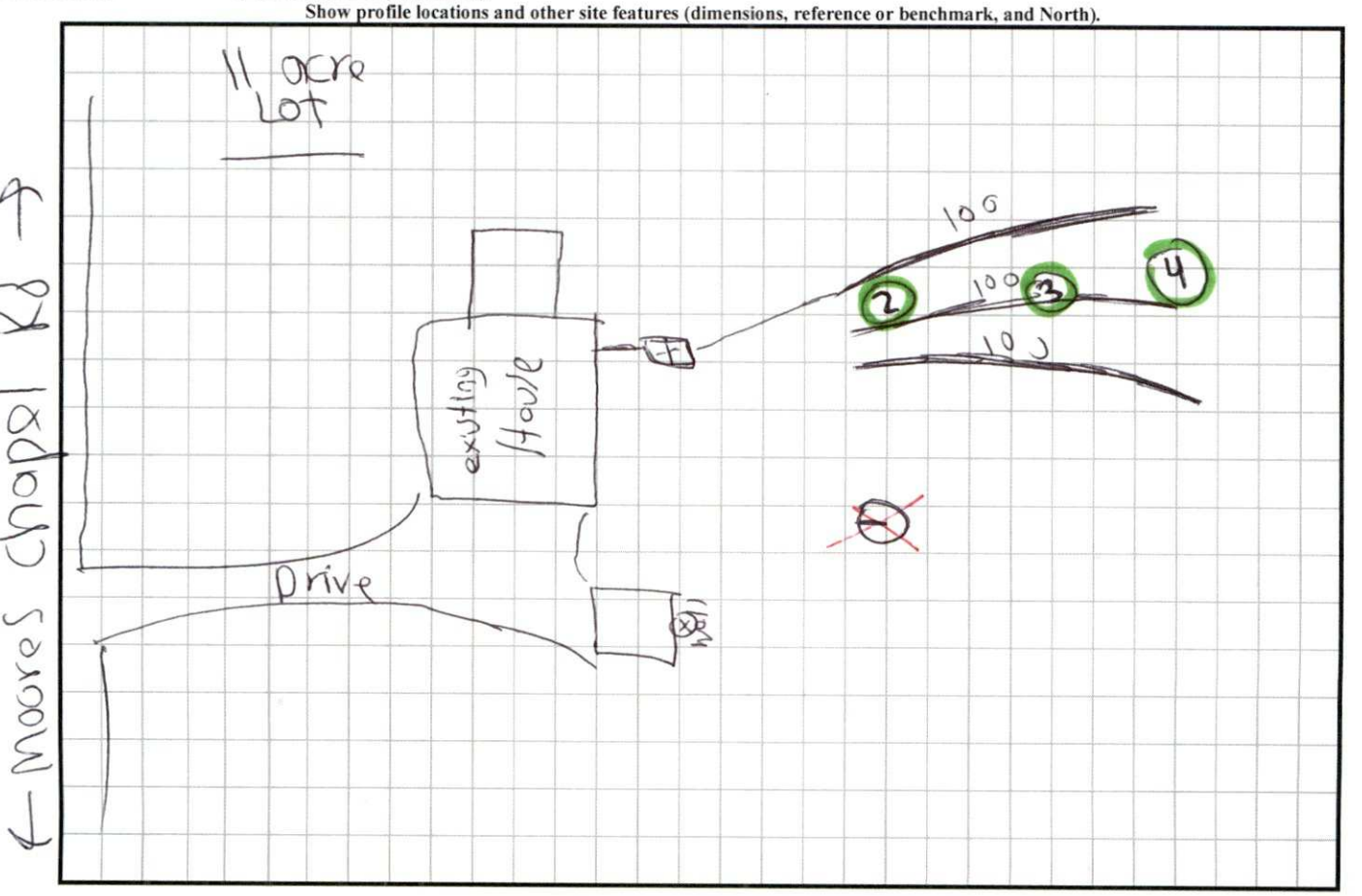
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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



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/CONSTRUCTION AUTHORIZATION for REPAIRING an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 9721B Permit #: 15177 Tax Parcel #: 053|6|05

Property Owner: Martha Cary Eppes, Jake Armour

Job Location Address: 12601 Moores Chapel Rd

City: Charlotte State: NC Zip Code: 28214

Improvement Permit Issuance Date: 01|03|25 Construction Authorization Issuance Date: 01|03|25

Permission is hereby given to repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before —. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Permitted Design Flow: 360 GPD Site LTAR: — GPD/ft²

Liquid Capacity of Septic Tank: existing gallons Liquid Capacity of Dosing Tank: — gallons

Drainfield Design ☐ N/A

Trench Depth: 18 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet

# of Lines: 3 @ 100 feet Accepted

Depth of Media: 12 inches (Type) (25% Reduction)

Distribution Device: D-Box

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

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☐ Municipal ☒ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: ≥5 feet

Distance from Property Line: ≥10 feet

Distance from Water Supply Source: — feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

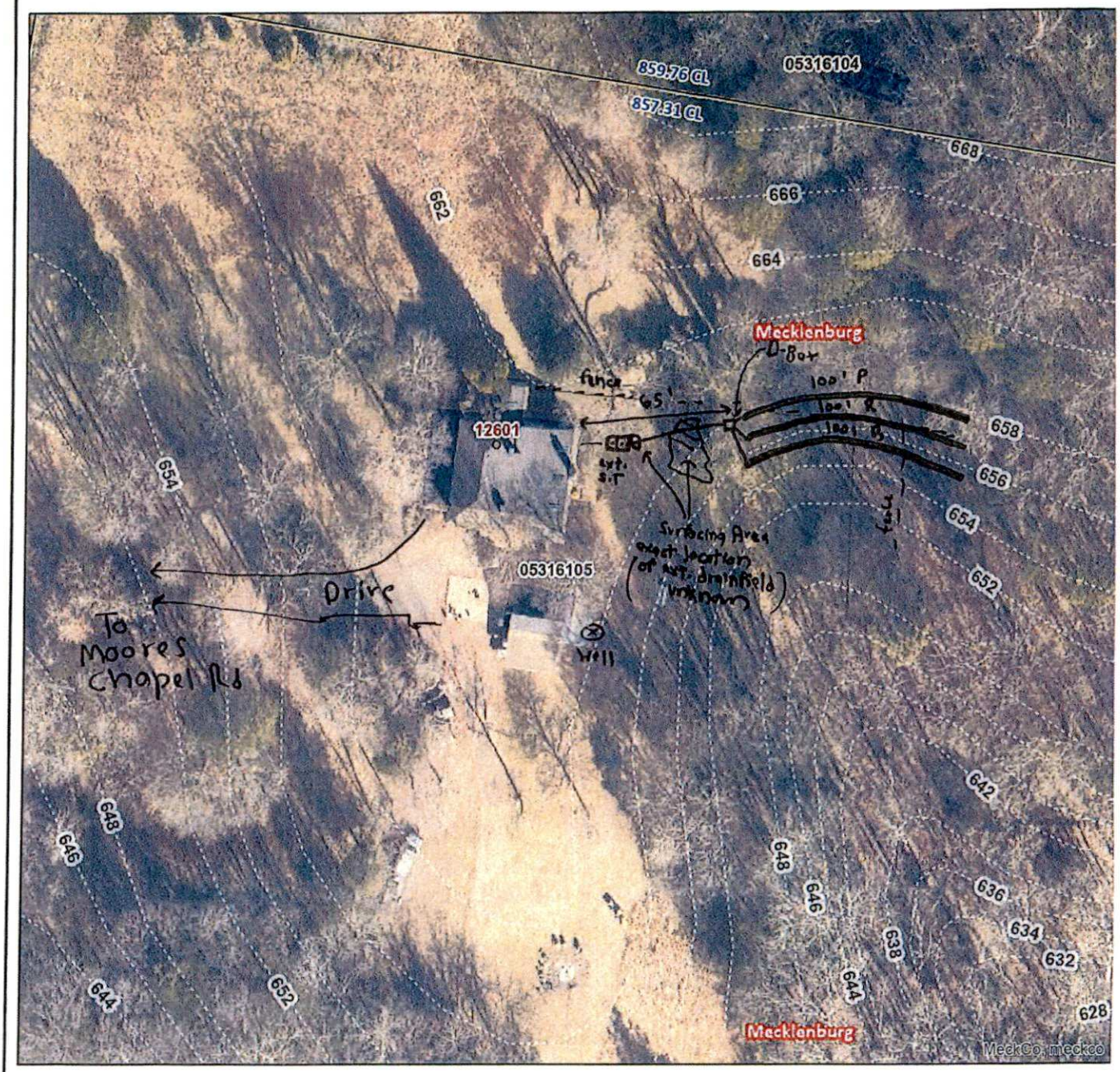
- See attached sketch for design
- Check condition of existing septic tank, add tee / filter
- Pre-construction meting prior to installation
- (may be able to install system deeper). Dig pit to verify.

Comments: System Classification & Type: 3-100 ft Lines, Accepted 25% Reduction System. Supply Line may go through existing drainfield. Dam off with Bentonite

Authorized Agent: Braedon Shelton Signature: Braedon Shelton

Owner Signature: _____ Date: _____

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 15177
PID #: 05316105
File #: 9721B

Authorized Agent: Braedon Shelton Date: 01/03/25

Owner/ Legal Agent: _____ Date: _____

1 inch = 60 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 # 9721B App# 15177 Tax Parcel# 05316105

Property Owner: Martha Cary Eppes + Jake Armour

Job Location Address: 12601 Moores Chapel Rd

City: Charlotte State: NC Zip Code: 28214

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: Dug pit to confirm trench depth.

*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.**

Braedon Shelton — Authorized Agent

1/28/25 — Date

All Pro 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 #: 9721B Permit #: 15177 Tax Parcel #: 05316105

Property Owner: Martha Cary Eppes + Jake Armour

Job Location Address: 12601 Moores Chapel Rd

City: Charlotte State: NC Zip Code: 28214

Operation Permit Issuance Date: 2/5/25 Contractor Name: All Pro Septic

Permitted Design Flow: 360 GPD Liquid Capacity of Dosing Tank: — gallons

Liquid Capacity of Septic Tank: existing gallons Tank Manufacture — Effluent Pump Model: —

Drainfield Installation ☐ N/A

Trench Depth: 22 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 300 feet

# of Lines: 3 @ 100 feet Qrick-4 Chamber)

Depth of Media: 12 inches (Type)

Depth of Cover: ≥6 inches

Distribution Device: Serial

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

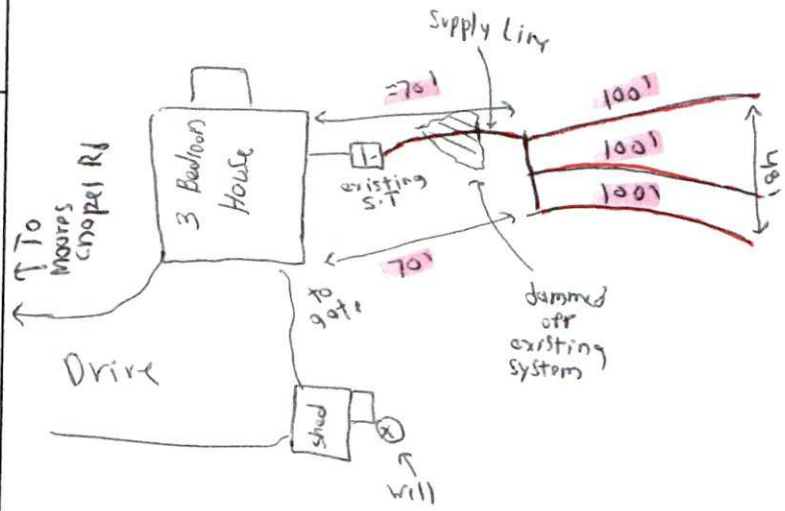
Distance from Water Supply Source: ≥50 feet

Inspection Dates

Tank(s) Inspected: existing

Excavation Inspected: 1/29/25

Pump & Controls Inspected: —



- 3-100' Lines, 25% Reduction System <22" deep

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: IIb / 9 / N/A, N/A 3-Bedroom, 25% Reduction System 3-100' Lines

DENR Authorized Agent: Braedon Shelton Signature: Braedon Shelton

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

File #: 9721B Permit #: 15177 Tax Parcel #: 05316105

Property Owner: Martha Cary Eppes + Jake Armour

Job Location Address: 12601 Moores Chapel Rd

City: Charlotte State: NC Zip Code: 28214

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: IIB

*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: 3-100' Lines (25% Accepted System) existing S.T, New Supply Line, dammed off supply line through existing "System"

DENR Authorized Agent: Braedon Shelton Date: 1/30/25

Signature: Braedon Shelton