OSWP-2024-62750 BLDR - 2024-60544

892 Old Mocksville Rd
Statesville, NC
892 Old Mocksville Rd, Lot 1

North Carolina Onsite Wastewater Contractor Inspector Certification Board
Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems
Notice of Intent (NOI) to Construct

X New ___ Expansion ___ Repair ___ Relocation ___ Relocation of Repair Area

Owner or Legal Representative Information:
Name: CHASE DRM LLC
Mailing address: 1612 Seattle Slew Court City: Waxhaw State: NC Zip: 28173
Phone: 704-713-2602 Email: romelle03@yahoo.com

Authorized Onsite Wastewater Evaluator Information:
Name: Larry Thompson, LSS Certification #: 10016E
Mailing address: PO Box 541 City: Midland State: NC Zip: 28107
Phone: 704-301-4881 Email: larry@thompsonenv.com

Site Location Information:
Site address: 872 Old Mocksville Road, Statesville, NC 28625
Tax parcel identification number or subdivision lot, block number of property: PID: 4766194336.000
Lot 1 - Old Mocksville Road County: Iredell

System Information:
Wastewater System Type: Type IIb - Accepted
Daily Design Flow: 360
Saprolite System: ___ Yes X No Subsurface Operator Required: ___ Yes X No
Water Supply Type: ___ Private Well X Public Water Supply ___ Spring ___ Other: ___

Facility Type:
X Residential 3 # Bedrooms 6 Maximum # of Occupants
___ Business Type of Business and Basis for Flow: ___
___ Public Assembly Type of Public Assembly and Basis for Flow: ___

Required Attachments:
X Plat or Site Plan
X Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 1st day of Oct., 2024 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.
This NOI shall expire on 1st day of Oct., 2029.

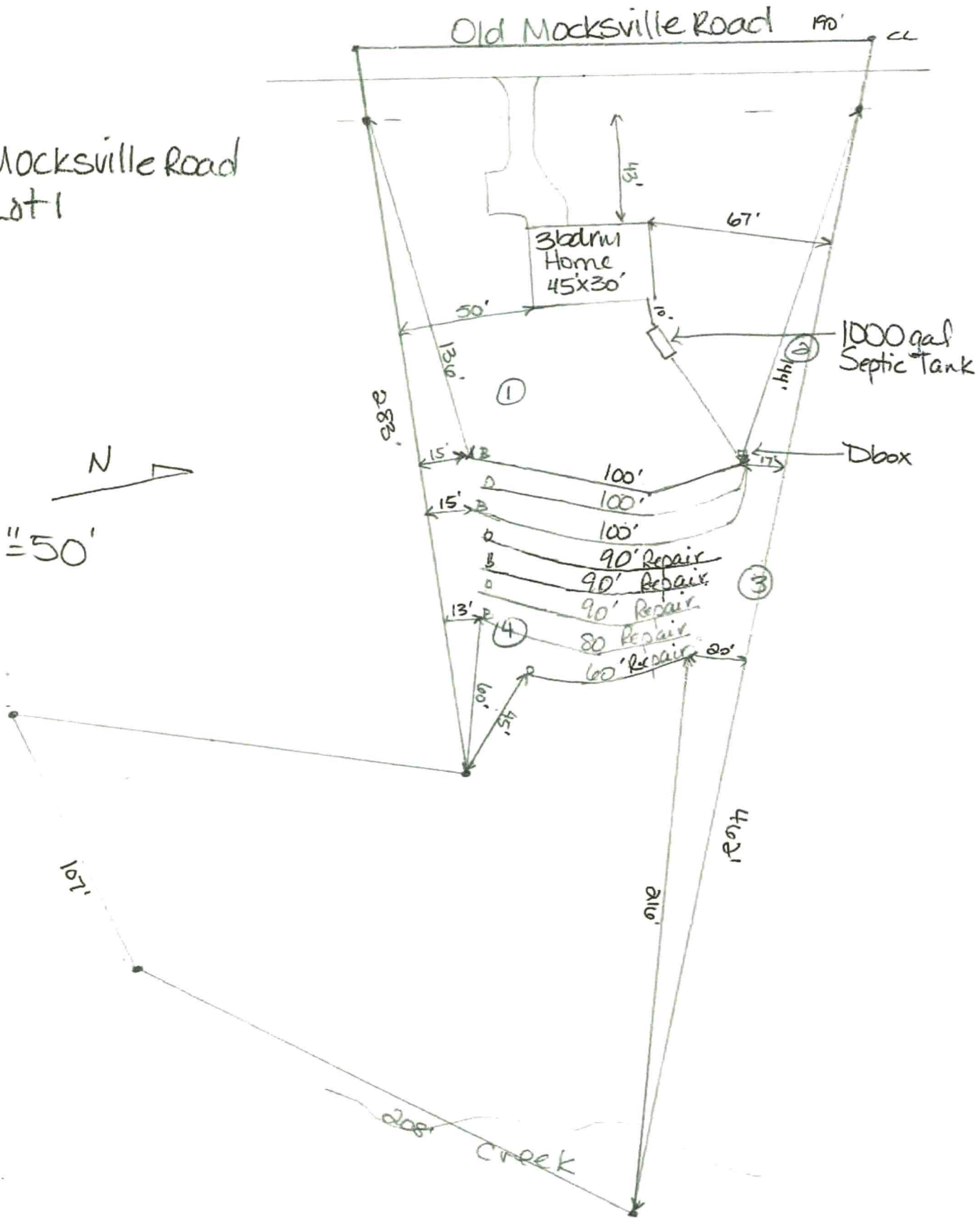
Signature of Authorized Onsite Wastewater Evaluator: L Thompson

Signature of Owner or Legal Representative: ramon gonzalez (Oct 1, 2024 12:56 EDT)

Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:
Signature of Local Health Department Representative: D. Wieberg Date: 10/03/2024

Old Mocksville Road
Lot 1



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 9/25/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Higginbotham Insurance Agency, Inc.
500 W. 13th Street
Fort Worth TX 76102

License#: 2081754
THOMENV-01

CONTACT NAME: David Vaughan
PHONE (A/C, No, Ext): 9187797880 **FAX (A/C, No):** 817-882-9284
E-MAIL ADDRESS: dlvjr@higginbotham.net

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Mid-Continent Casualty Company	23418
INSURER B : Hartford Underwriters Insurance Company	30104
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Thompson Environmental Consulting, Inc.
PO Box 541
Midland NC 28107-0541

COVERAGES **CERTIFICATE NUMBER:** 1448210946 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY			04-GL-001124225	9/25/2024	9/25/2025	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
	X Professional						MED EXP (Any one person)	$ Excluded
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$ 1,000,000
	X POLICY PRO-JECT LOC						GENERAL AGGREGATE	$ 3,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$ 3,000,000
								$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N	N / A		38WECNW6175	10/17/2023	10/17/2024	X PER STATUTE OTH-ER	
	ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N						E.L. EACH ACCIDENT	$ 1,000,000
	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Informational Purposes

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*)** _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☒ **2.** I, Chase DRM LLC, am the legal owner(s) of the property located at 872 and 882 Old Mocksville Road, Statesville, NC, identified as PIN (Parcel Identification Number) 4766194336.000 and 4766196446.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**)

Larry Thompson, LSS, Thompson Environmental, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

ramon gonzalez (Oct 1, 2024 12:56 EDT)

Signature of Owner(s)

Oct 1, 2024

Date

The plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6).

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Residential Subsurface Wastewater Treatment and Disposal System G.S. 130A-335(a2) Proposal

for

Lot 1 – Old Mocksville Road
872 Old Mocksville Road
Statesville, NC 28625

Tax Parcel Number: 4766194336.000
October 1, 2024

Prepared for:

Chase DRM LLC
1612 Seattle Slew Court
Waxhaw, NC 28173
704-713-2602



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



Project Specifics

The following wastewater treatment and disposal system G.S. 130A-335(a2) proposal is submitted to Iredell County Environmental Health at the request of Chase DRM LLC, who proposes to construct a new 3-bedroom house on the property located at 872 Old Mocksville Road, Statesville, North Carolina. The residence will be served by a public water supply.

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Suitable" Group IV soils are available for the installation, and repair, of a **Gravity Flow Accepted System** for a 360 gallon-per-day residence at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR).

The LSS/LG evaluation(s) attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3), and the plans or evaluations attached to this application are to be used to issue a Construction Authorization in accordance with G.S. 130A-335(a2), (a5) and (a6).

Location

From Statesville, take I-40 E. to Exit 154/Old Mocksville Road. Turn left onto Old Mocksville Road and property will be located on the right in 3 miles.

References

Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18E, Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, January 1, 2024.

Accepted Wastewater System No. AWWS-2005-02-R6; North Carolina Department of Environment and Natural Resources, Division of Environmental Health, On-Site Wastewater Section, August 21, 2015.

Primary Investigator's Credentials

NC Registered Sanitarian No. 1208
NC Licensed Soil Scientist No. 1287
NC Authorized Onsite Wastewater Evaluator No. 10016E
SC Certified Professional Soil Classifier No. 111
NC Subsurface Septic System Operator No. 22199
NC Grade IV Wastewater System Installer No. 1762
NC Certified Wastewater System Inspector No. 17621

Plans and Specifications

A. Septic Tank

1. The septic tank shall be state approved, watertight, structurally sound, and a minimum of 1,000 gallons in capacity.
2. The septic tank shall be fitted with an approved effluent filter.
3. It is the responsibility of the septic contractor to thoroughly inspect the septic tank prior to accepting delivery to assure that the tanks have had time to properly cure and are free of cracks or other structural deficiencies.

B. Pipe, Fittings and Supply Line

1. All discharge piping, connectors, and supply lines should be made of SCH 40 PVC and fitted with pressure-rated couplings.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

C. Distribution Method

1. Individual drainlines shall be fed via a distribution box.
2. Distribution box shall be water tested for equal flow at the time of the final inspection.

D. Drainfield Installation

1. The drainfield has been previously laid out on-site utilizing metal stemmed flags. The property owner/builder should mark this area and isolate it as much as possible from construction traffic
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition.
3. The specified system is an accepted wastewater system, specifically the Infiltrator Quick 4 chamber system or any other system with a state-approved 25% reduction in required drainline length.
4. **The drainfield consists of three (3) lateral trenches 3-foot wide by 100-ft lines. The total trench length is 300 linear feet.**
5. **The maximum trench depth for this system shall be 12 inches.**
6. The laterals are to be installed on contour with the land, keeping the individual trench bottoms level from beginning to end.
7. The trenches should be left open for a final inspection by the health department.

E. Final Landscaping

1. The final soil cover over the drainfield shall be a minimum of 6 inches deep. Additional soil cover will be required to achieve the minimum 6 inches.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion.

4. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting.
5. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

Maintenance

F. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation equivalent to 25 percent of the tank's volume. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When cleaning the effluent filter, the filter should be removed, and the accumulated debris will be washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages, or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

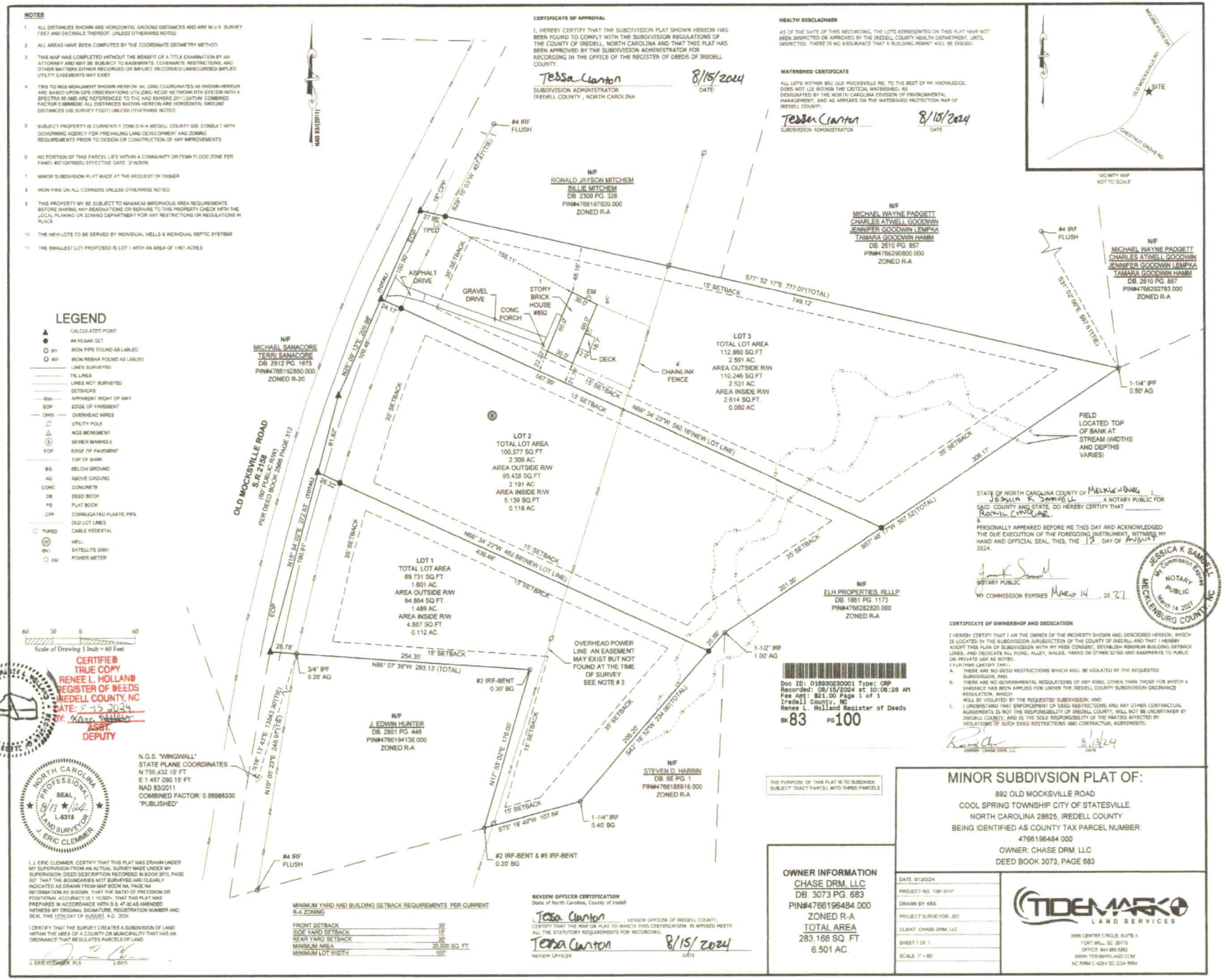
Design Specifics

Daily Design Flow:	360 GPD - 3 bedroom house
Septic Tank Size:	1,000 Gallons (minimum)
Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Accepted (25% Reduction)
Distribution Method:	Distribution Box
Number of Trenches:	(3) 3-ft Wide x 100-ft Long
Total Trench Length:	300 Linear Feet
Maximum Trench Depth:	12 Inches
Required Final Soil Cover:	6 Inches

Repair Option

Effluent Loading Rate:	0.3 GPD per sq. ft.
Drainfield Type:	Accepted (25% Reduction)

Required Linear Footage:	300 Linear Feet
Available Linear Footage:	410 Linear Feet
Maximum Trench Depth:	12 Inches
Required Final Soil Cover:	6 Inches


NOTES
1 ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES AND ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED
2 ALL AREAS HAVE BEEN COMPUTED BY THE COORDINATE GEOMETRY METHOD
3 THIS MAP WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY AND MAY BE SUBJECT TO EASEMENTS, COVENANTS, RESTRICTIONS, AND OTHER MATTERS EITHER RECORDED OR IMPLIED. RECORDED/ UNRECORDED/ IMPLIED UTILITY EASEMENTS MAY EXIST
4 TIES TO NGS MONUMENT SHOWN HEREON. NC GRID COORDINATES AS SHOWN HEREON ARE BASED UPON GPS OBSERVATIONS UTILIZING NCGS' NETWORK RTK SYSTEM WITH A SPECTRA R8 AND ARE REFERENCED TO THE NAD 83/NSRS 2011 DATUM. COMBINED FACTOR 0.99988330. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES (US SURVEY FOOT) UNLESS OTHERWISE NOTED.
5 SUBJECT PROPERTY IS CURRENTLY ZONED R-A IREDELL COUNTY GIS. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS
6 NO PORTION OF THIS PARCEL LIES WITHIN A COMMUNITY OR FEMA FLOOD ZONE PER PANEL #3710A7800DJ EFFECTIVE DATE: 3/16/2009
7 MINOR SUBDIVISION PLAT MADE AT THE REQUEST OF OWNER
8 IRON PINS ON ALL CORNERS UNLESS OTHERWISE NOTED
9 THIS PROPERTY MY BE SUBJECT TO MAXIMUM IMPERVIOUS AREA REQUIREMENTS BEFORE MAKING ANY RENOVATIONS OR REPAIRS TO THIS PROPERTY CHECK WITH THE LOCAL PLANING OR ZONING DEPARTMENT FOR ANY RESTRICTIONS OR REGULATIONS IN PLACE
10 THE NEW LOTS TO BE SERVED BY INDIVIDUAL WELLS & INDIVIDUAL SEPTIC SYSTEMS
11 THE SMALLEST LOT PROPOSED IS LOT 1 WITH AN AREA OF 1.601 ACRES
LEGEND
CALCULATED POINT
#4 REBAR SET
IPF IRON PIPE FOUND AS LABLED
IRF IRON REBAR FOUND AS LABLED
LINES SURVEYED
TIE LINES
LINES NOT SURVEYED
SETBACKS
APPARENT RIGHT OF WAY
EOP EDGE OF PAVEMENT
OHW OVERHEAD WIRES
UTILITY POLE
NGS MONUMENT
SEWER MANHOLE
EOP EDGE OF PAVEMENT
TOP OF BANK
BG BELOW GROUND
AG ABOVE GROUND
CONC CONCRETE
DB DEED BOOK
PB PLAT BOOK
CPP CORRUGATED PLASTIC PIPE
OLD LOT LINES
TVPED CABLE PEDESTAL
WELL
SATELLITE GWH
PM POWER METER
Scale of Drawing 1 Inch = 60 Feet
CERTIFIED TRUE COPY RENEE L. HOLLAND REGISTER OF DEEDS IREDELL COUNTY, NC DATE: 8-15-2024 BY: ASST. DEPUTY
NORTH CAROLINA PROFESSIONAL SEAL L-5315 LAND SURVEYOR J. ERIC CLEMMER
N.G.S. "WINGWALL" STATE PLANE COORDINATES N:756,432.18' FT E:1,457,090.15' FT NAD 83/2011 COMBINED FACTOR: 0.99988330 "PUBLISHED"
I, J. ERIC CLEMMER, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 2810, PAGE 80) THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM MAP BOOK NA, PAGE NA INFORMATION AS SHOWN, THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY IS 1:10,000+ THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 13TH DAY OF AUGUST, A.D. 2024
I CERTIFY THAT THE SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND
J. ERIC CLEMMER PLS L-5315
CERTIFICATE OF APPROVAL
I, HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF THE COUNTY OF IREDELL, NORTH CAROLINA AND THAT THIS PLAT HAS BEEN APPROVED BY THE SUBDIVISION ADMINISTRATOR FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS OF IREDELL COUNTY.
Tessa Clanton 8/15/2024
SUBDIVISION ADMINISTRATOR IREDELL COUNTY , NORTH CAROLINA DATE:
HEALTH DISCLAIMER
AS OF THE DATE OF THIS RECORDING, THE LOTS REPRESENTED ON THIS PLAT HAVE NOT BEEN INSPECTED OR APPROVED BY THE IREDELL COUNTY HEALTH DEPARTMENT. UNTIL INSPECTED. THERE IS NO ASSURANCE THAT A BUILDING PERMIT WILL BE ISSUED.
WATERSHED CERTIFICATE
ALL LOTS WITHIN 892 OLD MOCKSVILLE RD. TO THE BEST OF MY KNOWLEDGE, DOES NOT LIE WITHIN THE CRITICAL WATERSHED, AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT, AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.
Tessa Clanton 8/15/2024
SUBDIVISION ADMINISTRATOR DATE
VICINITY MAP NOT TO SCALE
MOORE ROCK DR
OLD MOCKSVILLE RD
SITE
CHESTNUT GROVE RD
N/F RONALD JAYSON MITCHEM BILLIE MITCHEM DB. 2309 PG. 328 PIN#4765197920.000 ZONED R-A
N/F MICHAEL WAYNE PADGETT CHARLES ATWELL GOODWIN JENNIFER GOODWIN LEMPKA TAMARA GOODWIN HAMM DB. 2610 PG. 857 PIN#4766290800.000 ZONED R-A
N/F MICHAEL SANACORE TERRI SANACORE DB. 2912 PG. 1675 PIN#4766192850.000 ZONED R-20
N/F J. EDWIN HUNTER DB. 2801 PG. 448 PIN#4766194136.000 ZONED R-A
N/F ELH PROPERTIES, R.L.L.P DB. 1861 PG. 1173 PIN#4766282820.000 ZONED R-A
N/F STEVEN D. HARRIN DB. 66 PG. 1 PIN#4766185918.000 ZONED R-A
OLD MOCKSVILLE ROAD S.R.2158 (60' PUBLIC R/W) PER DEED BOOK 2868 PAGE 312
LOT 1 TOTAL LOT AREA 69,731 SQ.FT 1.601 AC. AREA OUTSIDE R/W 64,864 SQ.FT. 1.489 AC. AREA INSIDE R/W 4,857 SQ.FT. 0.112 AC.
LOT 2 TOTAL LOT AREA 100,577 SQ.FT. 2.309 AC. AREA OUTSIDE R/W 95,438 SQ.FT 2.191 AC AREA INSIDE R/W 5,139 SQ.FT. 0.118 AC.
LOT 3 TOTAL LOT AREA 112,860 SQ.FT. 2.591 AC. AREA OUTSIDE R/W 110,246 SQ.FT 2.531 AC AREA INSIDE R/W 2,614 SQ.FT. 0.060 AC.
#4 IRF FLUSH
#4 IRF FLUSH
1-1/4" IPF 0.50' AG
1-1/2" IRF 1.00' AG
3/4" IPF 0.20' AG
#2 IRF-BENT 0.30' BG
1-1/4" IRF 0.40' BG
#2 IRF-BENT & #5 IRF-BENT 0.20' BG
#4 IRF FLUSH
16" CPP
21.9' TPED
ASPHALT DRIVE
GRAVEL DRIVE
1 STORY BRICK HOUSE #892
CONC. PORCH
EM
DECK
4' CHAINLINK FENCE
FIELD LOCATED TOP OF BANK AT STREAM (WIDTHS AND DEPTHS VARIES)
OVERHEAD POWER LINE AN EASEMENT MAY EXIST BUT NOT FOUND AT THE TIME OF SURVEY SEE NOTE # 3
S29° 15' 00"W 40.37'(TIE)
S17° 52' 17"E 777.07'(TOTAL)
749.12'
S53° 34' 30"E 69.61'(TIE)
N25° 08' 13"E 209.98'
N15° 44' 02"E 227.65' (TOTAL)
190.91'
N66° 34' 23"W 462.86'(NEW LOT LINE)
436.46'
N66° 34' 23"W 592.16'(NEW LOT LINE)
S67° 48' 17"W 507.52'(TOTAL)
N86° 07' 39"W 283.13' (TOTAL)
N16° 13' 42"E 134.43'(TIE)
N10° 05' 25"E 246.97'(TIE)
N17° 08' 02"E 170.06'
S42° 16' 32"W 234.06'(TOTAL)
S73° 19' 40"W 107.84'
MINIMUM YARD AND BUILDING SETBACK REQUIREMENTS PER CURRENT R-A ZONING
FRONT SETBACK 35'
SIDE YARD SETBACK 15'
REAR YARD SETBACK 35'
MINIMUM AREA 20,000 SQ. FT.
MINIMUM LOT WIDTH 100'
REVIEW OFFICER CERTIFICATION
State of North Carolina, County of Iredell
I, Tessa Clanton REVIEW OFFICER OF IREDELL COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL THE STATUTORY REQUIREMENTS FOR RECORDING.
Tessa Clanton 8/15/2024
REVIEW OFFICER DATE
OWNER INFORMATION
CHASE DRM, LLC
DB. 3073 PG. 683
PIN#4766196484.000
ZONED R-A
TOTAL AREA
283,168 SQ. FT.
6.501 AC.
STATE OF NORTH CAROLINA COUNTY OF MECKLENBURG I, JESSICA K SANDELL A NOTARY PUBLIC FOR SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT RANDY CHASE PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE DUE EXECUTION OF THE FOREGOING INSTRUMENT, WITNESS MY HAND AND OFFICIAL SEAL, THIS, THE 13 DAY OF AUGUST 2024.
NOTARY PUBLIC
MY COMMISSION EXPIRES March 14, 2027
JESSICA K SANDELL NOTARY PUBLIC MECKLENBURG COUNTY, NC MY COMMISSION EXPIRES MARCH 14, 2027
CERTIFICATE OF OWNERSHIP AND DEDICATION
I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE COUNTY OF IREDELL AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, ESTABLISH MINIMUM BUILDING SETBACK LINES, AND DEDICATE ALL ROAD, ALLEY, WALKS, PARKS OR OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED.
I FURTHER CERTIFY THAT:
A. THERE ARE NO DEED RESTRICTIONS WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION, AND
B. THERE ARE NO GOVERNMENTAL REGULATIONS OF ANY KIND, OTHER THAN THOSE FOR WHICH A VARIANCE HAS BEEN APPLIED FOR UNDER THE IREDELL COUNTY SUBDIVISION ORDINANCE REGULATION, WHICH WILL BE VIOLATED BY THE REQUESTED SUBDIVISION; AND
C. I UNDERSTAND THAT ENFORCEMENT OF DEED RESTRICTIONS AND ANY OTHER CONTRACTUAL AGREEMENTS IS NOT THE RESPONSIBILITY OF IREDELL COUNTY, WILL NOT BE UNDERTAKEN BY IREDELL COUNTY, AND IS THE SOLE RESPONSIBILITY OF THE PARTIES AFFECTED BY VIOLATIONS OF SUCH DEED RESTRICTIONS AND CONTRACTUAL AGREEMENTS.
OWNER: CHASE DRM, LLC 8/13/24 DATE
Doc ID: 018930230001 Type: CRP Recorded: 08/15/2024 at 10:08:28 AM Fee Amt: $21.00 Page 1 of 1 Iredell County, NC Renee L. Holland Register of Deeds BK 83 PG 100
THE PURPOSE OF THIS PLAT IS TO SUBDIVIDE SUBJECT TRACT PARCEL INTO THREE PARCELS
MINOR SUBDIVSION PLAT OF:
892 OLD MOCKSVILLE ROAD
COOL SPRING TOWNSHIP CITY OF STATESVILLE.
NORTH CAROLINA 28625, IREDELL COUNTY
BEING IDENTIFIED AS COUNTY TAX PARCEL NUMBER:
4766196484 000
OWNER: CHASE DRM, LLC
DEED BOOK 3073, PAGE 683
DATE: 8/13/2024
PROJECT NO. 1091-0147
DRAWN BY: KRS
PROJECT SURVEYOR: JEC
CLIENT: CHASE DRM, LLC
SHEET 1 OF 1
SCALE: 1" = 60'
TIDEMARK LAND SERVICES
3056 CENTRE CIRCLE, SUITE A FORT MILL, SC 29715 OFFICE: 844.885.5263 WWW.TIDEMARKNC.COM NC FIRM C-4291/ SC COA 5684

PO Box 541
Midland, NC 28107

PROPERTY ID #: 1116716467
COUNTY: Iredell

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

OWNER: Powell LOT DATE EVALUATED: 9/24/20
ADDRESS:
PROPOSED FACILITY: Res. PROPOSED DESIGN FLOW (.0400): 360 gpd PROPERTY SIZE: PO 6.40
LOCATION OF SITE: OLD Mocksville Rd Statesville PROPERTY RECORDED:
WATER SUPPLY: ☐ Public ☑ Single Family Well ☐ Shared Well ☐ Spring ☐ Other 28625 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 CORRI CTION
1	L 5	0-24 24	C sbk Sap	friss 		24"			S 0.3	-2 12
2	L 4	0-24 24-30 30-33	C sbk cl wbk cl/sapp	friss friss		30"			S 0.3	-2 16
3	L 3	0-30 30-33 33	C sbk cl wbk Sapp	friss friss		33"			S 0.3	-1 20
4	L 3	0-31 31	C sbk Sap	friss 		31"			S 0.3	-1 18

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	S	S
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3
Maximum Trench Depth	12"	12"

SITE CLASSIFICATION (.0509): Suitable
EVALUATED BY: GLMG
OTHER(S) PRESENT: Soils
L. Thompson, LSS

LICENSED SOIL SCIENTIST
LARRY B. THOMPSON JR.
1287
STATE OF NORTH CAROLINA
Issued January 2020

Comments:

NCDHHS/DPH/EHS/OSWP

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.

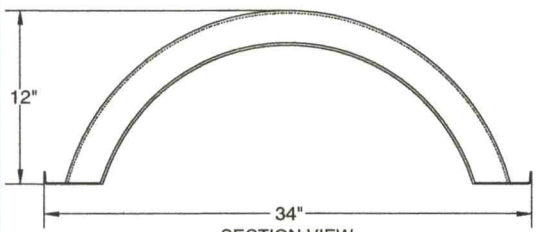
HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land 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).

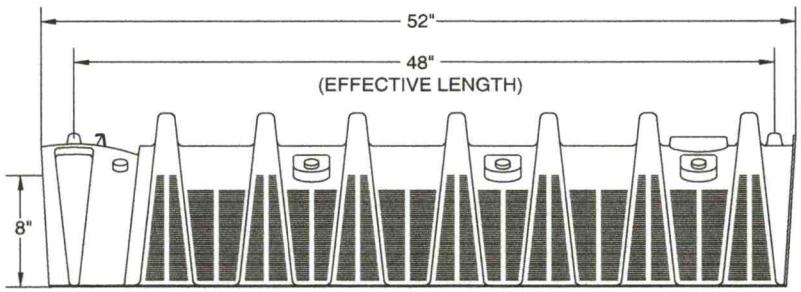
SEE FIGURE 1

Quick4™
STANDARD CHAMBER

Quick4 Standard Chamber

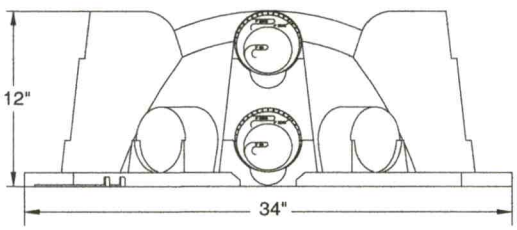


SECTION VIEW

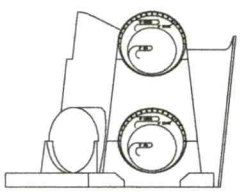


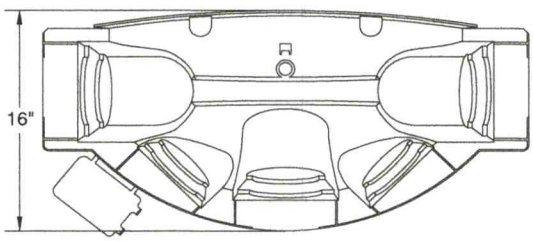
SIDE VIEW

MultiPort End Cap



FRONT VIEW


SIDE VIEW



TOP VIEW

Quick4 Standard Chamber Nominal Specifications

Size (W x L x H)	34" x 52" x 12"
Effective Length	48"
Invert Height	8"

MultiPort End Cap Nominal Specifications

Size (W x L x H)	34" x 16" x 12"
Invert Height	8" or 1.25"

INFILTRATOR SYSTEMS, INC. STANDARD LIMITED WARRANTY

(a) The structural integrity of each chamber, end plate, wedge and other accessory manufactured by Infiltrator ("Units"), when installed and operated in a leachfield of an onsite septic system in accordance with Infiltrator's instructions, is warranted to the original purchaser ("Holder") against defective materials and workmanship for one year from the date that the septic permit is issued for the septic system containing the Units; provided, however, that if a septic permit is not required by applicable law, the warranty period will begin upon the date that installation of the septic system commences. To exercise its warranty rights, Holder must notify Infiltrator in writing at its Corporate Headquarters in Old Saybrook, Connecticut within fifteen (15) days of the alleged defect. Infiltrator will supply replacement Units for Units determined by Infiltrator to be covered by this Limited Warranty. Infiltrator's liability specifically excludes the cost of removal and/or installation of the Units.

(b) THE LIMITED WARRANTY AND REMEDIES IN SUBPARAGRAPH (a) ARE EXCLUSIVE. THERE ARE NO OTHER WARRANTIES WITH RESPECT TO THE UNITS, INCLUDING NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

(c) This Limited Warranty shall be void if any part of the chamber system is manufactured by anyone other than Infiltrator. The Limited Warranty does not extend to incidental, consequential, special or indirect damages. Infiltrator shall not be liable for penalties or liquidated damages, including loss of production and profits, labor and materials, overhead costs, or other losses or expenses incurred by the Holder or any third party. Specifically excluded from Limited Warranty coverage are damage to the Units due to ordinary wear and tear, alteration, accident, misuse, abuse or neglect of the Units; the Units being subjected to vehicle traffic or other conditions which are not permitted by the installation instructions; failure to maintain the minimum ground covers set forth in the installation instructions; the placement of improper materials into the system containing the Units; failure of the Units or the septic system due to improper siting or improper sizing, excessive water usage, improper grease disposal, or improper operation; or any other event not caused by Infiltrator. This Limited Warranty shall be void if the Holder fails to comply with all of the terms set forth in this Limited Warranty.

Further, in no event shall Infiltrator be responsible for any loss or damage to the Holder, the Units, or any third party resulting from installation or shipment, or from any product liability claims of Holder or any third party. For this Limited Warranty to apply, the Units must be installed in accordance with all site conditions required by state and local codes; all other applicable laws; and Infiltrator's installation instructions.

(d) No representative of Infiltrator has the authority to change or extend this Limited Warranty. No warranty applies to any party other than the original Holder.

* * * * * * *

The above represents the Standard Limited Warranty offered by Infiltrator. A limited number of states and counties have different warranty requirements. Any purchaser of Units should contact Infiltrator's Corporate Headquarters in Old Saybrook, Connecticut, prior to such purchase, to obtain a copy of the applicable warranty, and should carefully read that warranty prior to the purchase of Units.

INFILTRATOR® SYSTEMS INC

Environmental Onsite Wastewater Solutions℠

6 Business Park Road • P.O. Box 768
Old Saybrook, CT 06475
860-577-7000 • FAX 860-577-7001

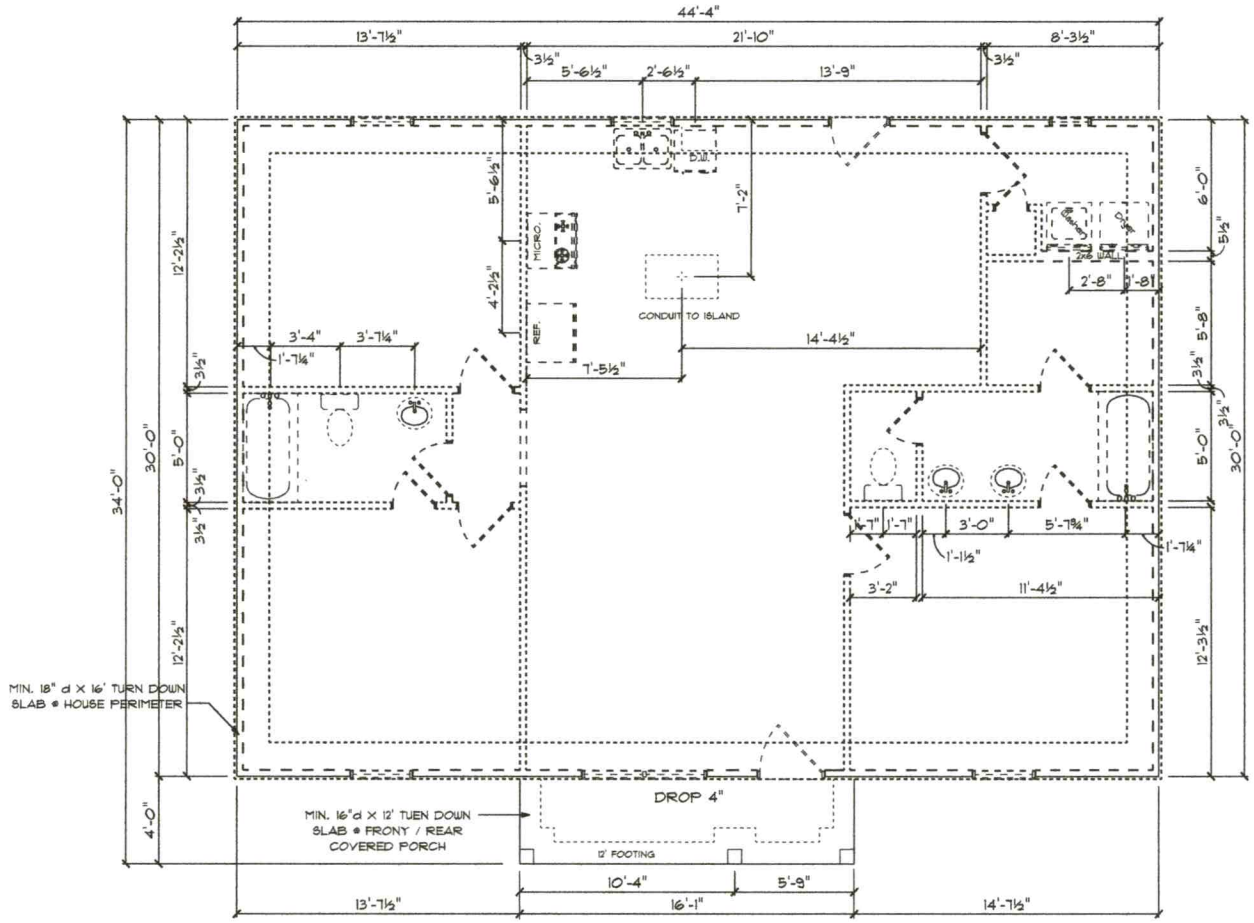
800-221-4436

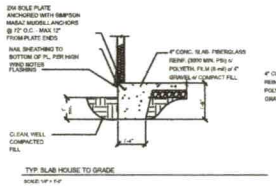
U.S. Patents: 4,759,661; 5,017,041; 5,156,488; 5,336,017; 5,401,116; 5,401,459; 5,511,903; 5,716,163; 5,588,778; 5,839,844
Canadian Patents: 1,329,959; 2,004,564 Other patents pending.

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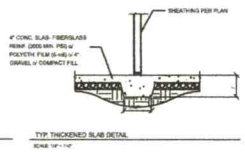
RECYCLED PAPER

Q011203HP-0

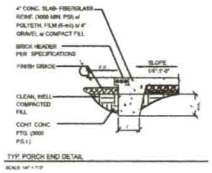




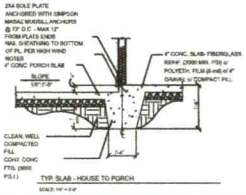
TYP. SLAB HOUSE TO GRADE



TYP. THICKENED SLAB DETAIL



TYP. PORCH END DETAIL



TYP. SLAB - HOUSE TO PORCH

FOUNDATION NOTES:

1. ALL DIMENSIONS TO BE VERIFIED AGAINST THE ARCH. PLANS.
2. ALL SOIL TO BE 2000 PSF BEARING CAPACITY MINIMUM
3. ALL CONCRETE TO BE 3000 PSI MINIMUM
4. SEE DETAILS FOR FOUNDATION SIZE & REINFORCING
5. ALL FOOTINGS TO BEAR MINIMUM 12" BELOW GRADE

ATTENTION

1. ALL WORK SHALL MEET ALL LOCAL, STATE, AND NATIONAL CODES APPLICABLE AT TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING CONSTRUCTION
3. ALL DIMENSIONS SHOULD BE READ OR CALCULATED. DO NOT SCALE
4. DESIGNER IS NOT RESPONSIBLE FOR ERRORS DISCOVERED AFTER CONSTRUCTION HAS STARTED

SCALE: 3/16" = 1'-0"

Ervin Elliott has been ready in the preparation of this plans to avoid errors. However, it is the responsibility of the owner and contractor to review these plans and verify all dimensions. Report errors to the plan's designer immediately. Owner or contractor assumes responsibility for errors that are not reported.

The Iredell

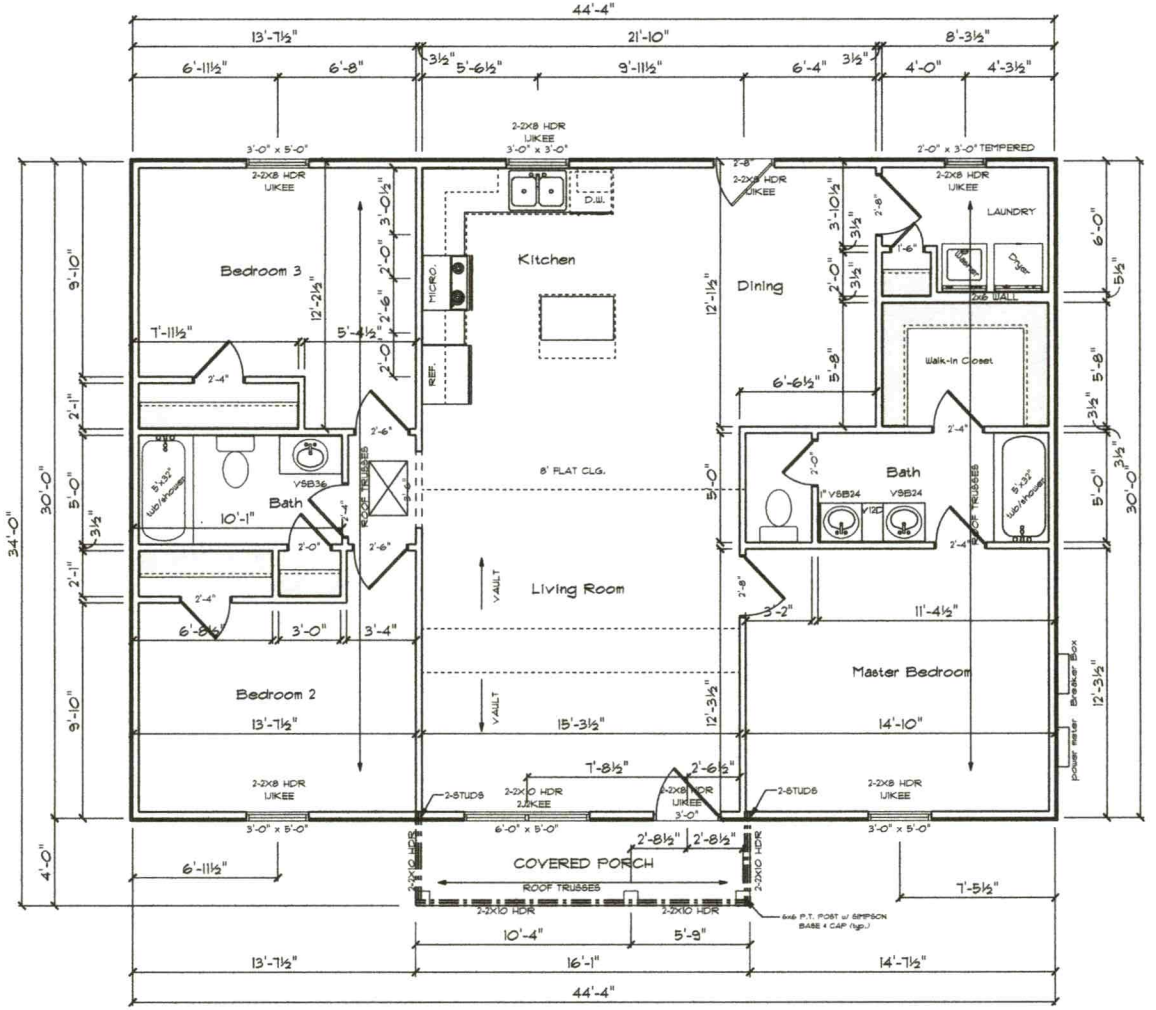
2024

REVISIONS: 05-15-19

DATE DRAWN: 05-15-19

FOUNDATION PLAN

A-3



MAIN WALLS & CEILING NOTES:

1. ALL DIMENSIONS SHOULD BE VERIFIED AGAINST THE ARCH. PLANS
2. TRANSFER ALL POINT LOADS FROM ABOVE TO FOUNDATOIN W/AN EQUAL AMOUNT OF STUD MATERIAL
3. ALL LOAD BEARING HEADERS PER PLAN

3.1 "J"KEE = NUMBER OF JACK STUDS AND NUMBER OF KING STUDS AT EACH END OF HEADER

4. ROOF/CEILING FRAMING - ROOF TRUSSES @ 24" O.C. MAX PER MANUF.
5. ALL EXTERIOR STUD WALLS TO BE SHEATHED W/ 7/16" OSB ATTACHED TO FRAMING W/8d NAILS @ 6" O.C. EDGE & 12" O.C. FIELD. PROVIDE BLOCKING AT ALL PANEL SPLICES.
6. CS-WSP TYP UNO

SQUARE FOOTAGE
1ST. FLOOR 1330 SQFT.
COVERED PORCH 64 SQFT.
TOTAL UNDER ROOF 1394 SQFT.

ATTENTION

1 - ALL WORK SHALL MEET ALL LOCAL, STATE, AND NATIONAL BUILDING CODES THAT APPLY
2 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING CONSTRUCTION
3 - ALL DIMENSIONS SHOULD BE READ OR CALCULATED, NOT SCALED.
4 - NOT RESPONSIBLE FOR ERRORS DISCOVERED AFTER CONSTRUCTION HAS STARTED.

SCALE: 3/16" = 1'-0"

Every effort has been made in the preparation of these plans to avoid errors. There is no guarantee by the designer against errors. The Contractor and/or Owner is responsible for all dimensions and conditions on the job. Any error or omissions should be reported to the designer for correction before proceeding with the work affected. The Contractor and/or Owner shall assume responsibility for errors that are not reported.

The Iredell

2024

REVISIONS: 05-15-19

DATE DRAWN: 05-15-19

1ST FLOOR PLAN

A-4

BLDR-2024-60544

872 Old Mocksville Hwy ATO

892 Old Mocksville Rd (S/D)
Lot 1

Residential Subsurface Wastewater Treatment and Disposal System AOWE ATO

for

Lot 1 – Old Mocksville Road
872 Old Mocksville Road
Statesville, NC 28625

Tax Parcel Number: 4766194336.000 A
March 10, 2025

Prepared for:

Chase DRM LLC
1612 Seattle Slew Court
Waxhaw, NC 28173
704-713-2602



Prepared by:

Larry Thompson, REHS, LSS
Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107-0541
Phone: 704-301-4881
larry@thompsonenv.com



Project Specifics

In a previous AOWE submitted to Iredell County Environmental Health, Chase DRM LLC proposed to construct a new 3-bedroom house on the property located at 872 Old Mocksville Road, Statesville, North Carolina.

Based upon a soil and site evaluation performed by TEC, it was determined that a sufficient amount of "Suitable" Group IV soils are available for the installation, and repair, of a **Gravity Flow Accepted System** for a 360 gallon-per-day residence at a 0.3 GPD/sq/ft long-term acceptance rate (LTAR).

The system has been installed by Dewey Grant (Level II Installer 2607) and inspected by TEC. The system has been installed in general accordance with the AOWE permit package submitted to your office. The recommended maintenance plan and as-built drawing is included in this package. This report shall allow the Authorization to Operate to be issued for the certificate of occupancy for the above-mentioned facility.

OPERATION and MAINTENANCE

A. Operation and Maintenance

1. The septic tank and pump tank shall be pumped out when the solids within the septic tank reach an elevation that is equivalent to 25% of the volume of the tank.
2. The effluent filter should be inspected annually. When it becomes necessary to clean the effluent filter, the filter should be removed, and the accumulated debris washed back into the septic – not onto the lawn.
3. The drainfield area should be maintained to prevent overgrowth of vegetation. Any damp areas, leakages or malfunctions should be addressed immediately.
4. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

B. Suggestions to the Property Owner

1. Grease, cooking oils, coffee grounds and non-degradable solids (disposable diapers, cigarettes and solid paper wastes) should never be put into a septic tank.
2. Used motor oil or any oily liquids should not be disposed of in a septic tank.
3. Be aware of the amount of water that you are using in the business. Water saving fixtures and devices can be installed on sinks and toilets to reduce the volume of wastewater that you are sending to your drain field.
4. Run dishwashers only when you have a full load.
5. Repair leaky faucets and toilets. Small drips equal large volumes of water over time and can over burden your drainfield.
6. Do not use chemical additives in your system. Studies have indicated that they do not increase the biological activity that naturally occurs in the septic system and in some cases certain additives have been found to be detrimental to the life of a system.

INSTALLER CERTIFICATION

The septic system for the above-reference property has been installed in general accordance with the AOWE permit package prepared by Larry Thompson, LSS.

Signature: Dewey L Grant (Mar 11, 2025 05:14 EDT)

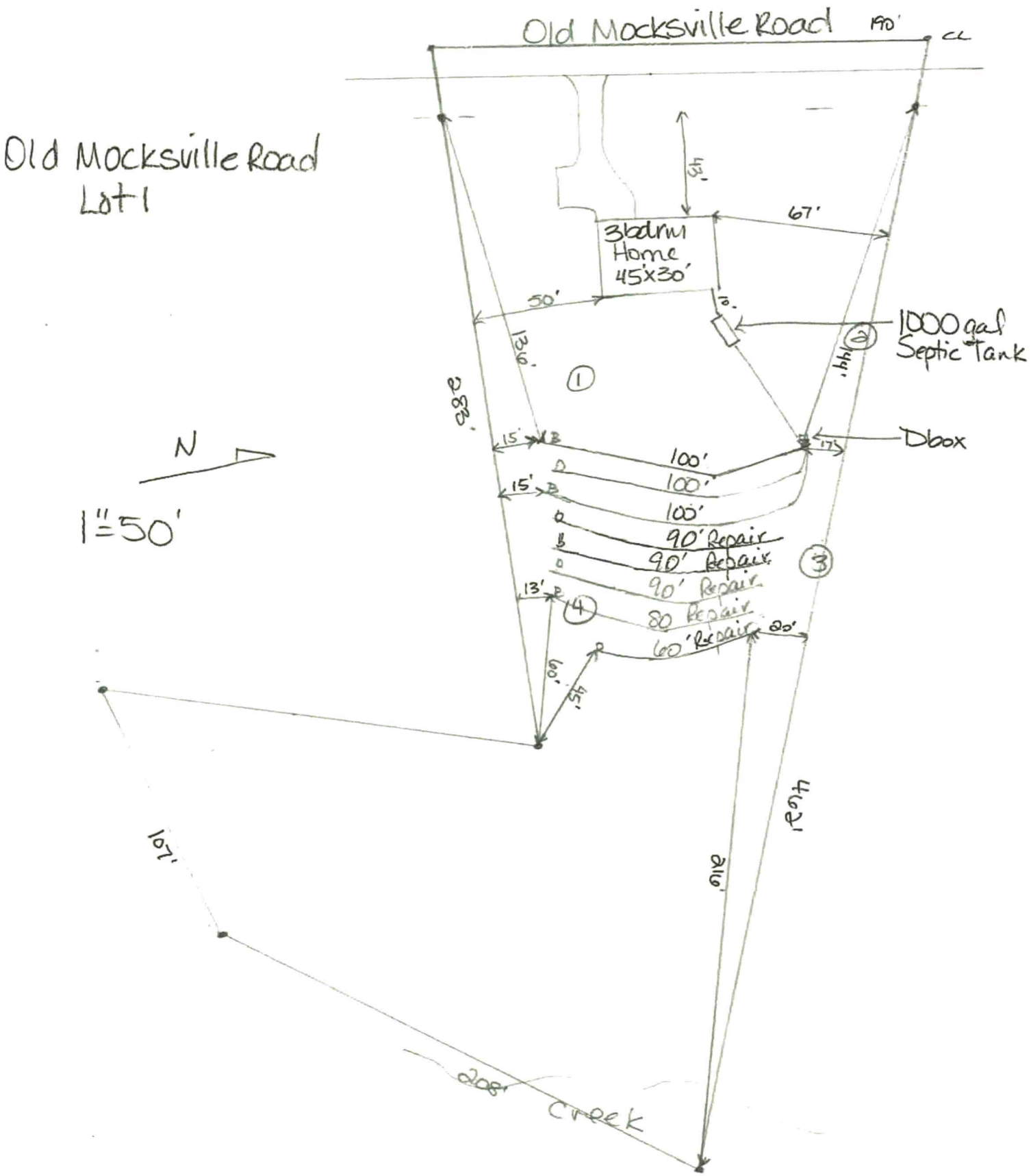
Email: dewey@maidengrading.com

OWNER'S ACCEPTANCE

The septic system for the above-referenced property was specified by Larry Thompson, LSS, with the final installation work being performed by Dewey Grant. Mr. Thompson has shared his closeout package with us and we do hereby accept the septic system installed for this project.

Signature: Romil Chudgar (Mar 11, 2025 05:25 EDT)

Email: romelle03@gmail.com


Old Mocksville Road
Old Mocksville Road
Lot 1
190'
CL
42'
67'
3bdrm
Home
45'x30'
50'
10'
1000 gal
Septic Tank
136'
282'
194'
N
1"=50'
15'
100'
100'
100'
90' Repair
90' Repair
90' Repair
80 Repair
60' Repair
Dbox
17'
13'
20'
100'
57'
107'
210'
408'
208'
Creek