ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 (Relocation) | PERMIT # AP 316878

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

PIN # 4616 -- 98 -- 3354

APPLICANT/OWNER: Keith Spraberry | APPLICANT ADDRESS: 112 Renwick Ln, Mooresville

SITE ADDRESS: 112 Renwick Ln, Mooresville 28115 | PHONE: 304-641-9201 | ALT. PHONE: -

SITE DIRECTIONS: Brawley School - McKendree - Lake View Shores - Renwick | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Lake Norman Recreation Lots | SECTION: 58 | LOT # 230 | LOT AREA: 0.67 acres | DESIGN FLOW: 360 GPD | L.T.A.R.: 0.275

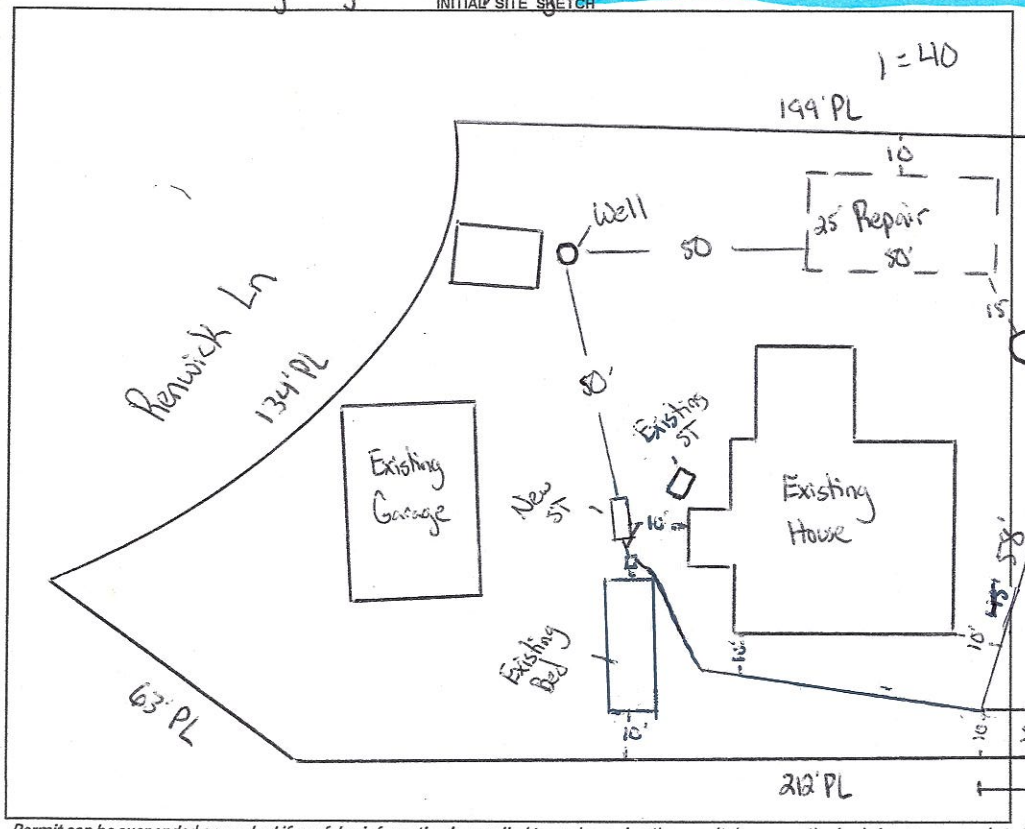
Septic Tank	1000 (gal)	ST	Plastic Infi Trator	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT	Date	System Description:	25% reduction			☐ Business	No. Persons 6
Pump Make	Model		Serial #	Repair System Description:	LPPBPS			☐ Other	No. Employees
# Nitrification Fields	2 # Lines	2	Linear Ft: 85	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36 in	Trench Bottom Depth(~~Low side~~)	36 in (max)	Gravel Depth	-	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install drainlines on contour of the land. Do not park, drive, or grade septic area. Utilize a d-box to feed new and existing system equally. 50' buffer must be marked during install

Earthen dam existing bed 10 feet from property line. Pump, crush, and fill existing septic tank. Purpose of this permit is the relocation of the bed.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am
the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Red filter installed

Serial feed new lines, split evenly feeding old & new lines.

Lake Norman

11/16/21 Checked Plastic ST & line to Old Bed mo

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

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

Owner / Applicant Signature: [signature] Date: 11/9/2021 Installed by: TW Ammons

IMPROVEMENT PERMIT by: Cary Whitt Date: 11/4/21 OPERATION PERMIT by: Cary Whitt Date: 11/17/21

AUTHORIZATION TO CONSTRUCT by: Cary Whitt Date: 11/4/21 Existing System Inspected by: Date:

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

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

Sheet 1 of 1
PROPERTY ID #: 4616983354
COUNTY: Iredell

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

OWNER: Keith Spraberry
ADDRESS: 112 Renwick Ln
PROPOSED FACILITY: 3 bd/r home
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 112 Renwick Ln Mooresville

APPLICATION DATE 10/15/21
DATE EVALUATED: 11/1/21
PROPERTY SIZE: 0.67
PROPERTY RECORDED: yes

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 5%	0 - 8	SCL SBK	SS SP FR SE	–	52	Heavy SAP inc in C & CL layer		.275 PS
		8 - 38	C SBK	SS SP FR SE					
		38 - 52	CL SBK	SS SP FR SE					
2	Linear	0 - 7	SCL SBK	SS SP FR SE	–	59	Heavy SAP inc in C layer		.3 PS
		7 - 59	C SBK	SS SP FR SE					
3	Linear	0 - 10	SCL SBK	SS SP FR SE	–	60	Heavy SAP in in C & CL layer		.3 PS
		10 - 38	C SBK	SS SP FR SE					
		38 - 60	CL SBK	SS SP FR SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% red	50% red
Site LTAR	.275	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Matthews Wilkerson

COMMENTS:

RECEIVED OCT 1 5 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-316878 $500.00

Relocation

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct (X) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Text

Applicant Information: (PRINT CLEARLY)

Applicant Name: KEITH W SPRABERRY Address: 112 RENWICK LN Mooresville Zip: 28117
Applicant Email: WSpraberry@hotmail.com Phone: 304-641-9201 Alt. Phone:
Owner Name: KEITH W SPRABERRY Address: SAME Zip: 28117
Owner Email: SAME Phone: SAME Alt. Phone:

Property Information:

Street Address: 112 RENWICK LANE Mooresville NC 28117
Subdivision Name: Section/Phase: Lot Number:
Driving Directions: Brawley → McKendree → Lake View Shores Loop → Renwick Lane
Charcoal color - white trim

Site Development Information: *(check or complete ALL that apply*

( ) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ✓ Tank ___ Drain lines

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 5
( ) Swimming Pool
(✓) Other Addition/Structure: ADD Bath Room
Describe Problem: Replace one 1 tank

CHECK FOUNDATION TYPE

(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: Number of Persons:

( ) New Well (X) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: 1999
( ) No Preference ( ) Alternative (✓) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

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.

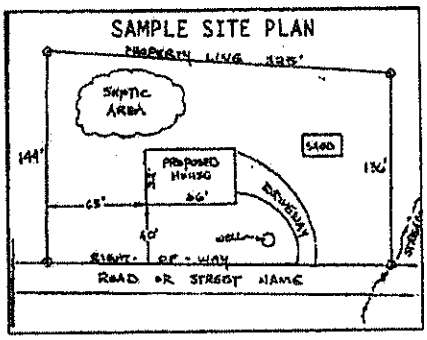
Signature: Keith W Spraberry 4/7/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

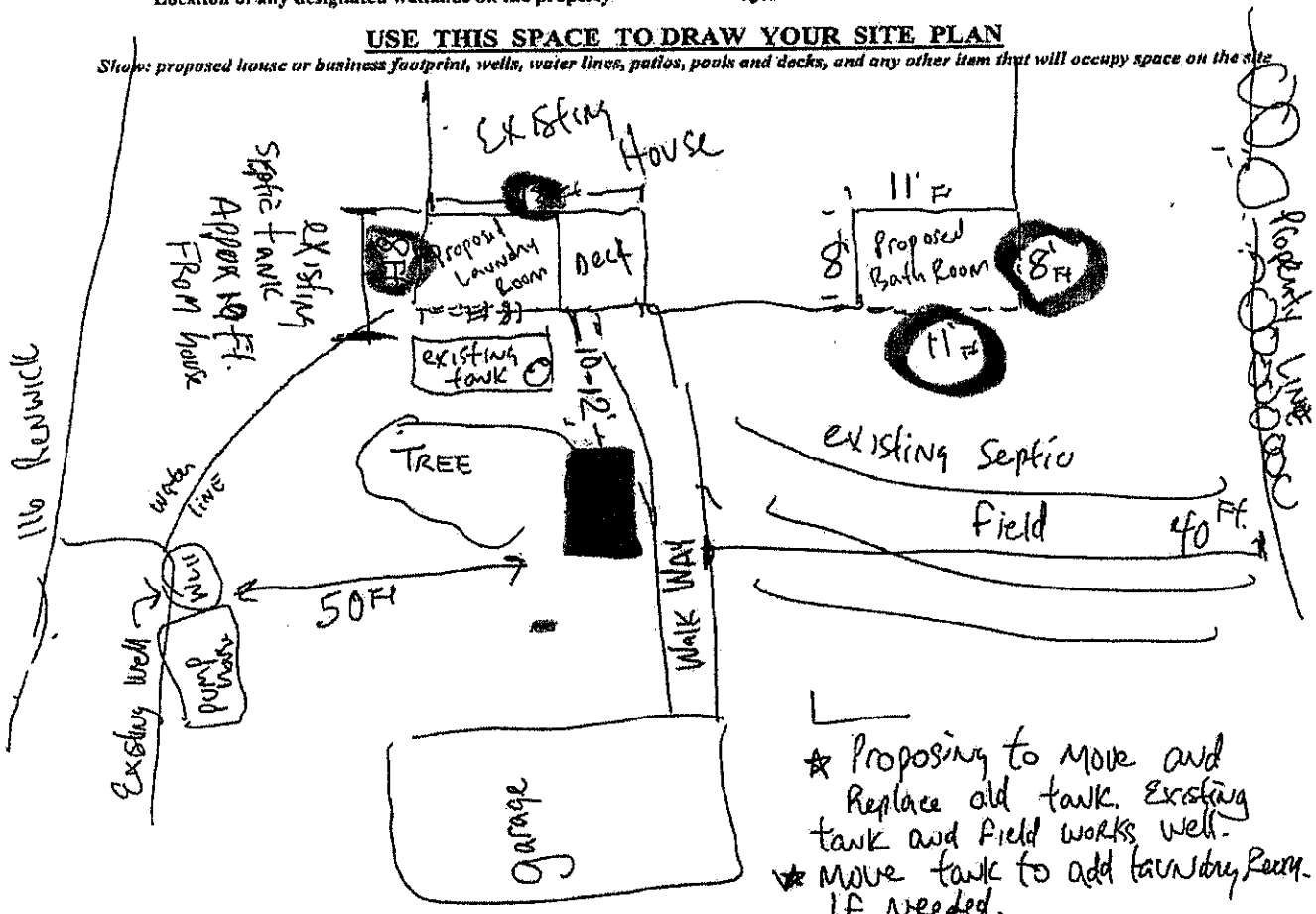
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location and well location
- (X) Area you prefer your septic system to be placed
- (X) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



★ Proposing to move and Replace old tank. Existing tank and field works well.
★ Move tank to add laundry Room if needed.

Signature: Keith W Sprales

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

4/7/2024
DATE

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
EXISTING	GRAVEL BED	0	90
1	GREEN	3.7	103
2	YELLOW	4.3	108
3	RED	5.9	100
			TOTAL
			311

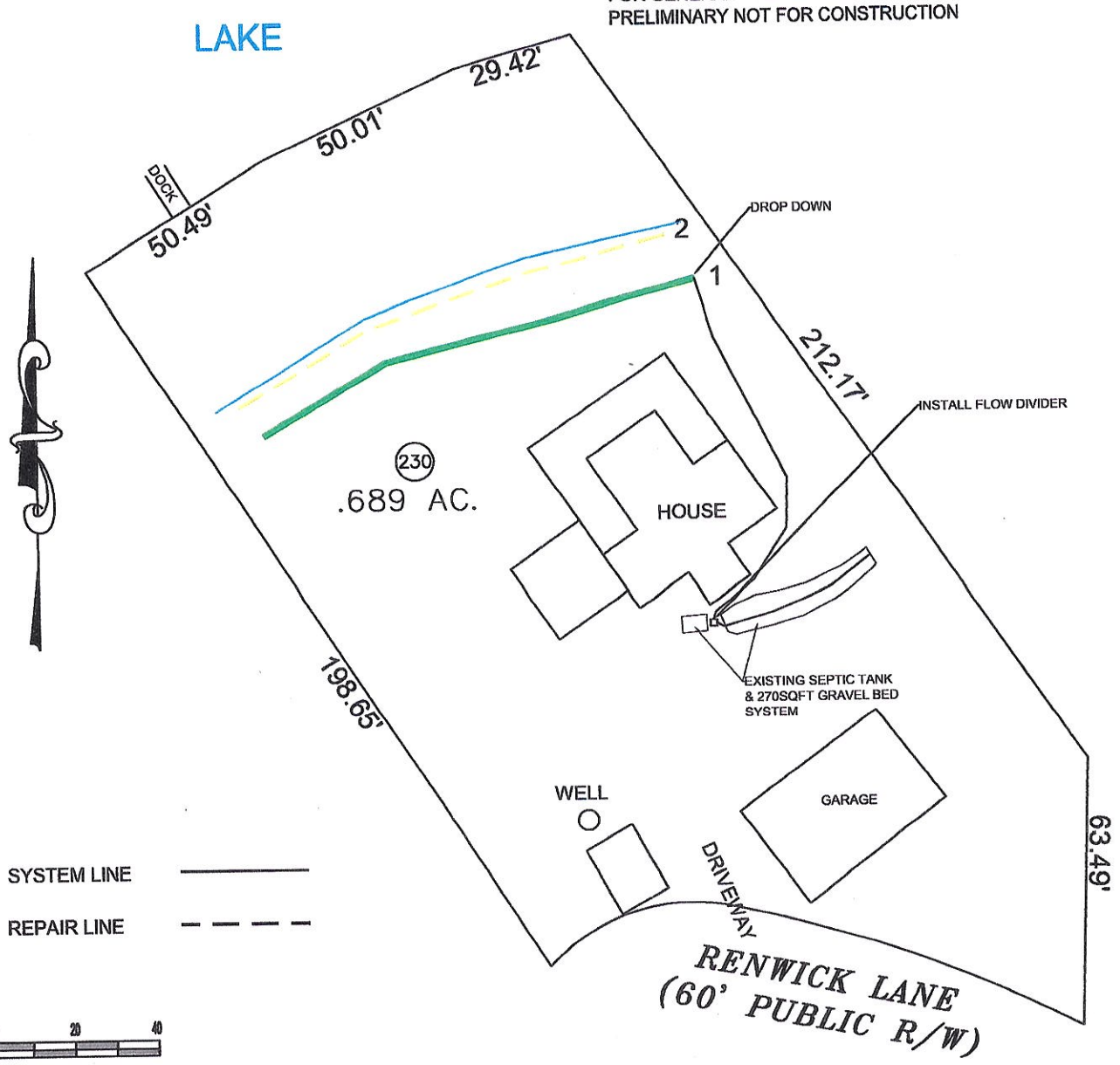
112 RENWICK LN, MOORESVILLE NC. LOT 230

3-BEDROOM EXISTING GRAVEL BED SYSTEM
SEE COUNTY PERMIT
TOTAL 270 SQ FEET

1-BEDROOM ACCEPTED SYSTEM
LINE 1 TOTAL 103 LINEAR FEET
LTAR 0.3
25% REDUCTION
36" TRENCH BOTTOM

1-BEDROOM ACCEPTED REPAIR SYSTEM
LINE 2 TOTAL 108 LINEAR FEET
LTAR 0.3
36" TRENCH BOTTOM

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION



BOSS	Benfield Outdoor Services & Solutions 137 Misty Arbor Ln, Mooresville, NC 28117 Ph:704-658-8616 BOSSMB66@yahoo.com	WADE SPRAYBERRY	LOT 230 112 Renwick Ln MOORESVILLE, NC IREDELL COUNTY DATE:10/17/17 DRAWN BY: MDB CHECKED BY: MDB