iCHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 316724

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

PIN # 4619754073

APPLICANT/OWNER: Trevor Ambrose

APPLICANT ADDRESS: 117 Holly Pond Lane Mooresville NC

SITE ADDRESS: 117 Holly Pond Lane Mooresville NC 28117

PHONE: 803-464-1222 ALT. PHONE

SITE DIRECTIONS: Brawley School Rd to Antiverocca to Sunside Rd to Holly Pond Lane

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL&T

SECTION: 6 LOT # 279 LOT AREA: .97 Acres

DESIGN FLOW: 600 L.T.A.R.: .30

Septic Tank	1500	(gal)	STB 969	Date 4/29/2021	☑ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI	☑ Residence	No. Bedrooms 5	Water Supply
Pump Tank	1500	(gal)	PT 353	Date 4/19/2021	System Description: LP - PPBPS - Sol. Reduction				☐ Business	No. Persons 10	☑ Private
Pump Make		Model		Serial #	Repair System Description: LP - PPBPS 50% Reduction				☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	7	Linear Ft 334	Maintenance Agreement Required:	☑ YES	☐ NO		☐ Slab	☐ Crawl Space	☐ Community
Trench Width	24	Trench Bottom Depth	42 inches	Gravel Depth		☐ GRAVITY	☑ PRESSURE		☑ Basement w/ plumbing		☐ Basement w/o plumbing

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil & Forestry Services of the Carolinas PA

LSS # 1218 Dated April 19, 2021

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.

6/11/2021: Tanks checked, Filter was in ST pump was not in pt, supply line was to close to pool and needs to be moved. As built meason site sketch not to scale

6-17-2021 BCW
- CVB CHECKED
- SUPPLY LINE CHECKS
- DRAWLINES CHECKED
- FLOATS CHECKED
- ALARM CHECKED
- ELECTRICAL CHECKED
- MAINTENCE CONTRACTED NEEDED
- SHED TO BE REMOVED
- PRESSURE HEAD CHECKED

7/1/2021: Shed was removed and have maintenance Agreement

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**

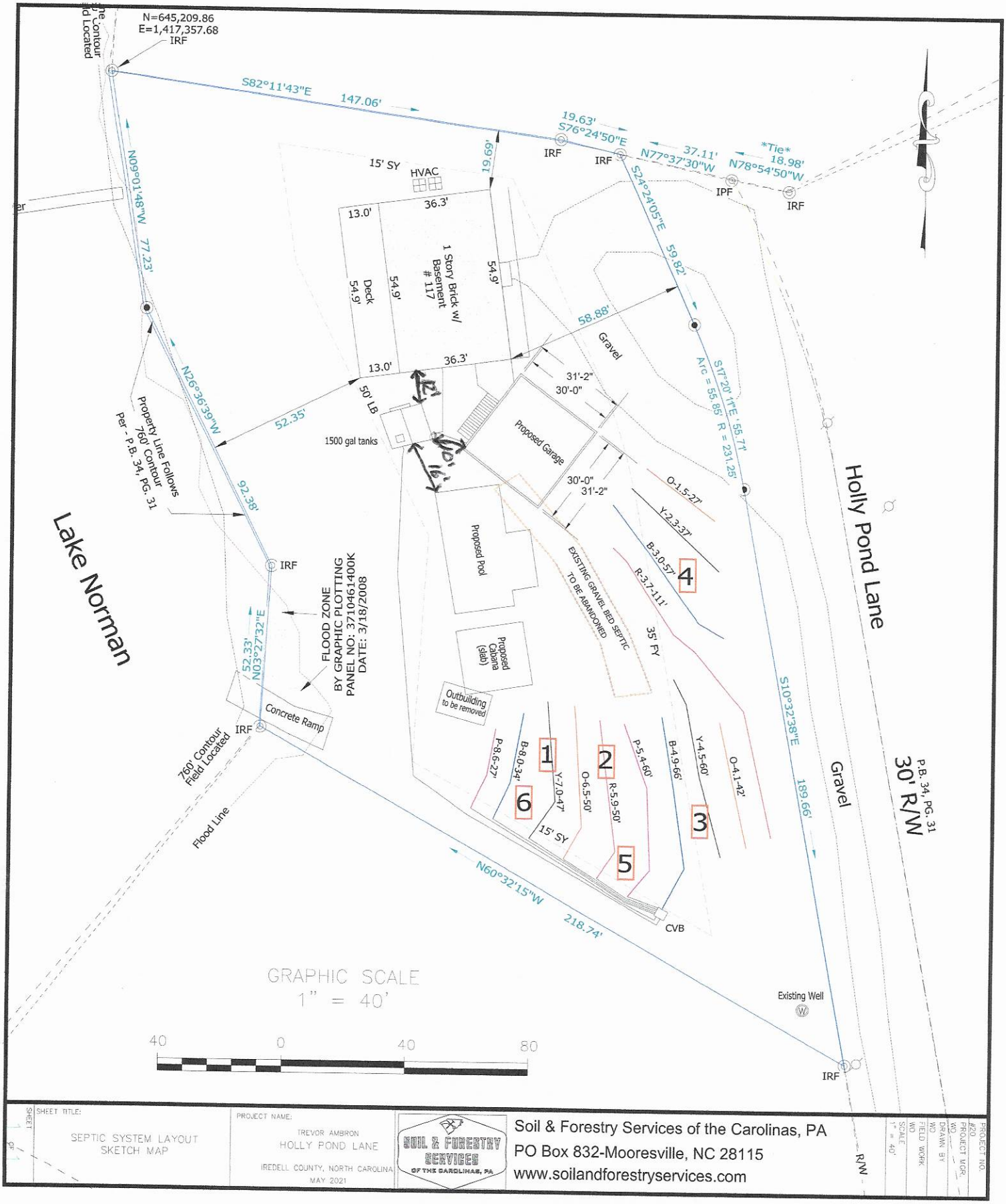
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 5/19/21 Installed by: Piedmont Septic

IMPROVEMENT PERMIT by: Date: 5-12-2021 OPERATION PERMIT by: Patrick J Bagett Date: 7/1/2021

AUTHORIZATION TO CONSTRUCT by: Patrick J Bagett II Date: 6/11/2021 Existing System Inspected by: Date:

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



SHEET 1 of 1

SHEET TITLE:
SEPTIC SYSTEM LAYOUT
SKETCH MAP

PROJECT NAME:
TREVOR AMBRON
HOLLY POND LANE
IREDELL COUNTY, NORTH CAROLINA
MAY 2021

SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA

Soil & Forestry Services of the Carolinas, PA
PO Box 832-Mooresville, NC 28115
www.soilandforestryservices.com

R/W

PROJECT NO. #20
PROJECT MGR. WD
DRAWN BY WD
FIELD WORK WD
SCALE 1" = 40'

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

April 19, 2021

Iredell County Environmental Health
Attn: Heath Snow
349 N Center Street
Statesville, NC 28677

Re: Session Law 2018-114 Submittal for 117 Holly Pond Lane-Mooresville

Mr. Snow,

Attached please find sealed soil notes as well as site plans and design related data for a 5-bedroom PPBPS system using LPP distribution. The design packet is submitted under Session Law 2018-114 (HB 374). The proposed septic system will serve an existing 3-bedroom home and proposed garage (with efficiency). A swimming pool with cabana is also proposed for the property. The new garage will built over the existing 3-bedroom bed system.

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c)."

Owner: Trevor Ambron:

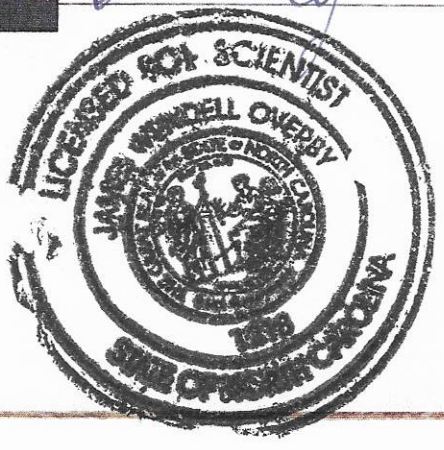
Signature: _____

"The LSS Evaluation is being submitted pursuant to and meets requirements of SL 2018-114 Section 11.(c)."

Wendell Overby, LSS

Signature: [redacted] _____

Seal:





Five (5) Bedroom PPBPS Septic System Design using LPP Distribution for 117 Holly Pond Lane Mooresville, NC

Contents: **Page**

Information for the Installer---------- 1

Design Information

Design Specifications---------- 2-3

Layout Specifications---------- 4

System Flow---------- 5

Site Plan---------- 6

Calculations---------- 7

LPP Trench Schematic---------- 8

Pump Specs---------- 9

Profile Descriptions---------- 10-11

Iredell County Septic Application---------- 12-13

Environmental Health Requirements---------- 14

Iredell County Zoning Permit---------- 15

Agent Authorization---------- 16

Owner: Trevor Ambron

117 Holly Pond Lane

(803) 464-1222

Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

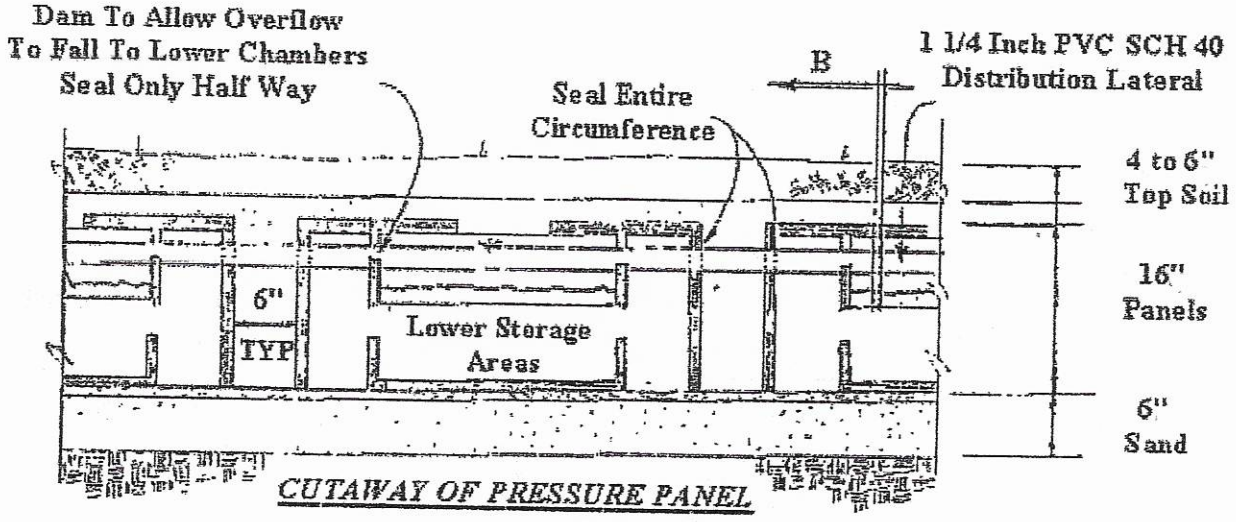
- The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.
- Tanks shall be approved by DHH, and certification supplied by the manufacturer.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used.
- Elevations at pinflag locations should be checked by the installer prior to beginning
- Pump tank riser should be 6" above grade, control panel should be 12" above grade.
- Septic tank riser shall be a minimum of 6" above finished grade.
- **System receives effluent via existing home (3br) and new garage/suite (2br)**
- **System and repair specified as LPP PPBPS types**
- **System trench depth specified at 42"**
- **System trenches installed on 8' minimum; 2' wide trenches**
- **Well already installed on property. Owner claims water line along road.**
- **Per discussion with Iredell Co HD on 9/11/20; well setback is 50ft**
- **Existing tank and gravel bed to be abandoned.**
- **Proposed garage w/ apartment will be walk out basement.**

Panels With Pressure Distribution

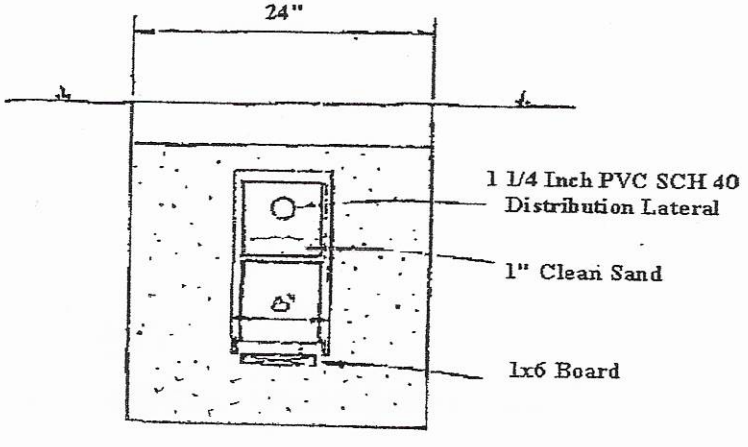
The LP Panel uses technology similar to that of Low Pressure Pipe (LPP) Systems. The tables and distribution design described in the LPP manual is applicable to the pressure Panel System. The system should be used with two to four feet of head. In many respects a LP Panel is similar to a LPP with the holes discharging into the panels.

The dosing cycle for the Panel System is designed to pump enough effluent to fill the top chambers of all the panels in the system. The top chamber of a 16 inch panel holds 3.6 gallons. When the system has 34 panels and all holes are the same size, then you would multiply 34 X 3.6 to get 122 gallons per dose cycle. The holes are drilled in the distribution pipe at the 10 and the 2 o'clock position. These are then placed so that the effluent is pumped into the top chamber of the panel. If the hole sizing changes in the system the pump cycle is set by the hole that is discharging the fastest.

All valves and turn-ups should be neatly capped, covered and labeled for future service. Pump tanks should be constructed as shown in the drawing on page 12 to allow for service and repairs.



CUTAWAY OF PRESSURE PANEL



PPBPS LPP DOSED SYSTEM
FOR WASTEWATER TREATMENT

Applicant:	Trevor Ambron
Phone:	
County:	Iredell
Location:	117 Holly Pond Lane

Source of Wastewater Flow:	5 Bedroom Single Family Residence
Estimated Daily Wastewater Production:	600 gpd
System Flow:	31.98 gpm

Design Specifications

Drainfield Size:	334 lf
Loading Rate:	0.3 gpd/ft.^{2}
Depth of Gravel in Trench:	n/a
Gravel Size:	n/a
Trench Depth:	42 in
Trench Width:	24 in.
Septic Tank Size:	1500 gal.
Pump Tank Size:	1500 gal.
Estimated Supply Line Length:	225 lf
Supply Line Diameter:	2 in. SCH 40 PVC
Supply Line Volume:	39.15 gal
Dosing Volume:	280.80 gal

Recommended Float Controls:	SJE Sensor Float Control Switches as Required for Control Panel or County Approved Equivalents
Recommended Control Panel:	SJE-Rhombus Model 112 (NEMA 4x) Control Panel or County Approved Control Panel.
Pressure Head:	2 ft.
Friction Head:	4.55 ft
Elevation Head:	8.00 ft
Total Dynamic Head:	15.23 ft
Threaded Union:	In Tank
Gate Valves:	1 in Tank: 1 per lateral
Check Valves:	In Tank
Anti-Siphon Hole:	n/a
Recommended Pump:	Zoeller Dose mate 151 or county approved equivalent capable of 32gpm at 15ft TDH

117 Holly Pond Lane
LPP PPBPS System

DESIGN FLOW:	600	gpd
SOIL APPLICATION RATE:	0.3 gpd/ft.^{2}	
TOTAL AREA TRENCH BOTTOM:	668	sf
TOTAL LATERAL LENGTH:	334	lf
NUMBER OF FIELDS:	1	
LATERAL LENGTH REQUIRED PER FIELD:	334	lf
SUPPLY LINE LENGTH:	225	lf
TOTAL DYNAMIC HEAD:	15.23	gpm
DOSING VOLUME:	280.80	gal
PUMP TANK DRAW DOWN*:	9.7	in
SEPTIC TANK SIZE:	1500 gal.	
PUMP TANK SIZE:	1500 gal.	

**Pump tank draw down based on a volume basis of 21 gallons per inch. Draw down may vary among pump tank manufacturers.*

117 Holly Pond Lane

SYSTEM FLOW

DESIGN SPECIFICATIONS

Line #	Color	Elevation	Length	Hole Size	Flow/hole	Trench A	Number of Panels
7	BLUE	103.1	66	0.156	0.41	132	15
8	PINK	102.6	60	0.156	0.41	120	14
9	RED	102.1	50	0.156	0.41	100	12
10	ORNG	101.5	50	0.156	0.41	100	12
11	YELO	101.0	47	0.156	0.41	94	11
12	BLUE	100.0	34	0.156	0.41	68	8
13	PINK	99.4	27	0.156	0.41	54	6
							78
	total	feet =	334	gal/min =	31.98		
			Des. Flow	600			
			Pump Run=	8.78			
			soil LTAR	0.3			
			LTAR with mod.	0.6			

.156 equals 5/32 inch hole

117 Holly Pond Lane

Layout for a 5 bedroom home **Oct-20**

LINE #	FLAG COLOR	BS	HI	FS	ELEV	FLAGGED LENGTH	DESIGN LENGTH
INSTR. 1			100.8				
HOUSE				8.00	100.0		
TANK				8.00	100.0		
			REPAIR				
1	Orange			1.50	106.5	27	27
2	Yellow			2.30	105.7	40	37
3	Blue			3.00	105.0	57	57
4	Red			3.70	104.3	120	111
5	Orange			4.10	103.9	42	42
6	Yellow			4.50	103.5	66	60
			SYSTEM				
7	Blue			4.90	103.1	65	66
8	Pink			5.40	102.6	61	60
9	Red			5.90	102.1	50	50
10	Orange			6.50	101.5	58	50
11	Yellow			7.00	101.0	47	47
12	Blue			8.00	100.0	34	34
13	Pink			8.60	99.4	27	27
						694	668

	LINE LENGTH	LTAR GPD/FT	SYSTEM TYPE	REDUCTION TYPE	DIST	TRENCH DEPTH
SYSTEM	334	0.300	VPPBPS	50%	LPP	42
REPAIR	334	0.300	VPPBPS	50%	LPP	42

Notes:
- **TBM is assumed to be 100'
- **All measures in feet
- **Nitrification lines are demonstrated on contour via colored pin flags
- **BS and FS indicate rod readings

CALCULATIONS

Location	117 Holly Pond Lane	
Project Number	20-1098	
Lot No:	279	
No. of Bedrooms	5	
Design Flow	600	$^{gal}/_{day}$
LTAR	0.3	$^{gal}/_{ft^2\ day}$
Accepted? (YES OR NO)	No	
Supply Line Length	225	ft.
Supply Line Volume	39.15	gal.
Required Feet of Line	334	ft.
Amount of Line from Layout	334	ft.
Gallons per Minute	31.98	$^{gal}/_{min}$
Required Septic Tank Capacity	1500	gal.
Minimum Standard Tank Size	1500 gal.	
Panel Volume	3.6	gal.
# of Panels	78	
Dosing Volume	280.80	gal.

Note: Dosing volume based on # of panels x 3.6 gal/panel

Tank Draw Down	9.7	in.
		Generic Draw Down of 29 gal.per in.
Pump Run Time	8.78	minutes
Elevation Head	8	ft.
Pressure Head	2	ft.
Friction Factor	2.02	ft./100 ft. *(From the interpolater.)*
Friction Head	4.55	ft.
Friction Head +15%	5.22675	
Total Dynamic Head	15.23	ft.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
27.4	1.51
30	1.78
32	2.02
35	2.37
37	2.63
40	3.03
42.7	3.43
45	3.77
46.51	4.01
50	4.58
57.11	5.89
60	6.42

PROPERTY ID #:4614754073
COUNTY: Iredell

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

OWNER: Trevor Ambron
ADDRESS:
PROPOSED FACILITY: Existing residence & garage PROPOSED DESIGN FLOW (.1949): 600
LOCATION OF SITE: 117 Holly Pond Lane
APPLICATION DATE
DATE EVALUATED: 7/15/2020
PROPERTY SIZE: .97
PROPERTY RECORDED: 1976
WATER SUPPLY: x☐ Private ☐ Public x☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring x☐ Pit ☐ Cut
TYPE OF WASTEWATER: x☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAP CLASS	.1944 RESTR HORIZ	
1	L / 12%	0-9	RB SL WMGr	Fi SS SP	N/A	55	N/A		PS .3
		9-21	B SCL WFS	Fr SS SP					
		21-34	BR CL WFS	Fr SS SP					
		34-55	R C WMA	Fi SS SP					
2	L / 7%	0-12	RB SL WFGr	Fi SS SP	N/A	54	N/A		PS .3
		12-22	B SCL WFS	Fr SS SP					
		22-32	BR CL WMS	Fr SS SP					
		32-54	R C WFS/A	Fr SS SP					
3	L / 5%	0-10	YB SL WFGr	Fi SS SP	N/A	54	N/A		PS .3
		10-23	R CL WFA/S	Fr SS SP					
		23-54	R C WFA/S	Fr SS SP					
4	L / 5%	0-16	Fill		N/A	64	N/A		PS .3 > 16"
		16-64	R C MMA	Fi SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	333	333
System Type(s)	PPBPS	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Overby
OTHER(S) PRESENT: Joe Thompson

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

PROPERTY ID #: 4614754073
DATE OF EVALUATION: 7/15/2020
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P5	L / 7%	0-5	Gravel drive		N/A	60			PS .3
		5-18	B CL WFGr	Fr SS SP					
		18-60	BR C WFS	Fr S SP					
P6	L / 12%	0-5	Gravel drive		N/A	60			PS .3 > 13"
		5-13	Fill						
		13-24	B SL WFGr	Fi SS SP					
		24-60	BR CL WFS	Fr SS SP					

COMMENTS: _____

137, 139, 140, 145

Flow-Mate

In high head dewatering or effluent applications where pumping performance is critical, this robust family of pumps is known for reliability, durability and performance. These pumps are especially suited for harsh environments. Zoeller's cool run design and corrosion-resistant, powder coated epoxy finish add up to a long-lasting, trouble-free product.



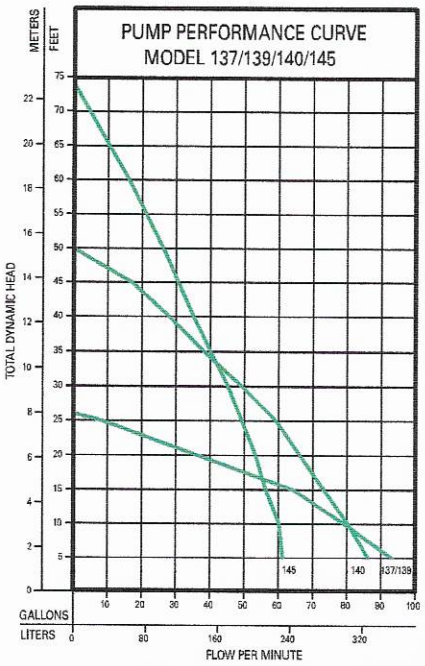
APPLICATIONS:

- STEP or onsite applications
- Water transfer
- Light commercial dewatering

SPECIFICATIONS:

- 1-1/2" NPT discharge
- 1/2 HP through 1 HP
- Available in automatic or nonautomatic
- Model 137, 139, 140: 1/2" (12 mm) spherical solids capacity with vortex impeller
- Model 145: 3/4" (19 mm) spherical solids capacity with vortex impeller
- Bronze construction available (139 series)
- High head version available (145 series)
- Double shaft seal versions available for added protection on models 140/145.

For more information, see Technical Data Sheets FM2782, FM2783.



152656

151, 152, 153

Dose-Mate

This is our fastest growing line of effluent pumps. The 150 series is truly a workhorse designed for reliability under extreme conditions in an effluent environment. 150 series pump curves cover a wide range of applications. They are well suited to applications with low pressure pipe (LPP) and enhanced flow STEP systems. Zoeller's cool run design and corrosion-resistant, powder coated epoxy finish, in addition to the hermetically sealed, oil-filled motor and non-clogging vortex impeller add up to a long-lasting, trouble-free product.



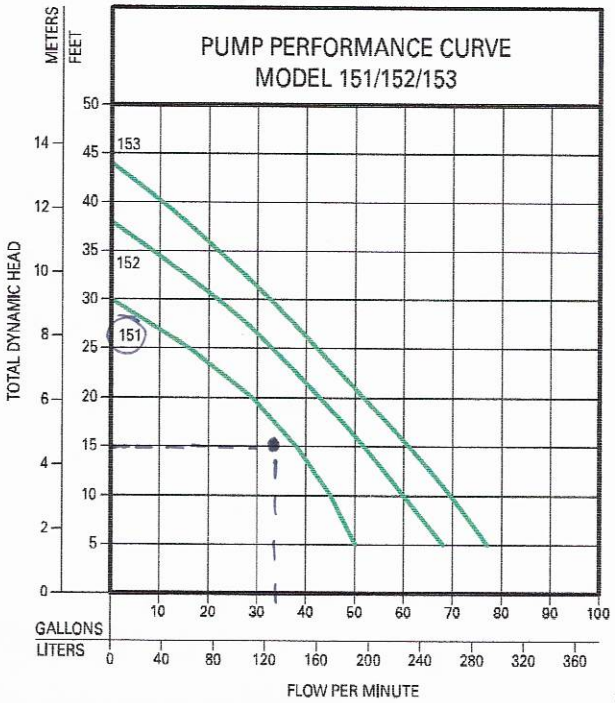
APPLICATIONS:

- STEP or onsite applications
- Light commercial dewatering

SPECIFICATIONS:

- 1-1/2" NPT discharge
- 3/10 HP through 1/2 HP
- Available in nonautomatic or with a variable level piggyback mechanical switch
- 1/2" (12 mm) spherical solids capacity with vortex thermoplastic impeller

For more information, see Technical Data Sheet FM2784.



014506

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RECEIVED APR 2 3 2021

Session Law Paid $1200.00

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

AP. 316724

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM*

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: Same as Below Address: " Zip: "

Applicant Email: Phone: Alt. Phone:

Owner Name: Trevor Ambron Address: 117 Holly Pond Ln, Mooresville Zip: 28117

Owner Email: TrevorAmbron@gmail.com Phone: 803 464 1222 Alt. Phone:

Property Information:

Street Address: 117 Holly Pond Ln

Subdivision Name: Crescent Land & Timber Section/Phase: Lot Number: 279

Driving Directions: South on Brawley School Rd, Rt on Tuskarora Trail, Rt on Sunstede Dr, Rt on Holly Pond Ln.

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

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

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
(X) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(X) Basement with Plumbing (HOUSE) GARAGE= WALKOUT BASEMENT
( ) 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:
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative (X) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) 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: Wendell Ag 4/19/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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, Trevor Ambron, am the legal owner(s) of the property located at 117 Holly Pond Ln, identified as PIN (Parcel Identification Number) 4614-75-4073, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Wendell Overby, Soil + Forestry Services of Carolinas, 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.

Signature of Owner(s) _____ Date 7/25/2020

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

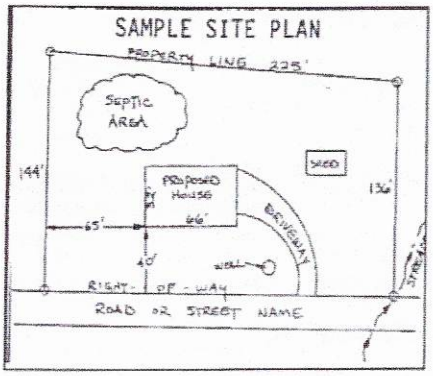
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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

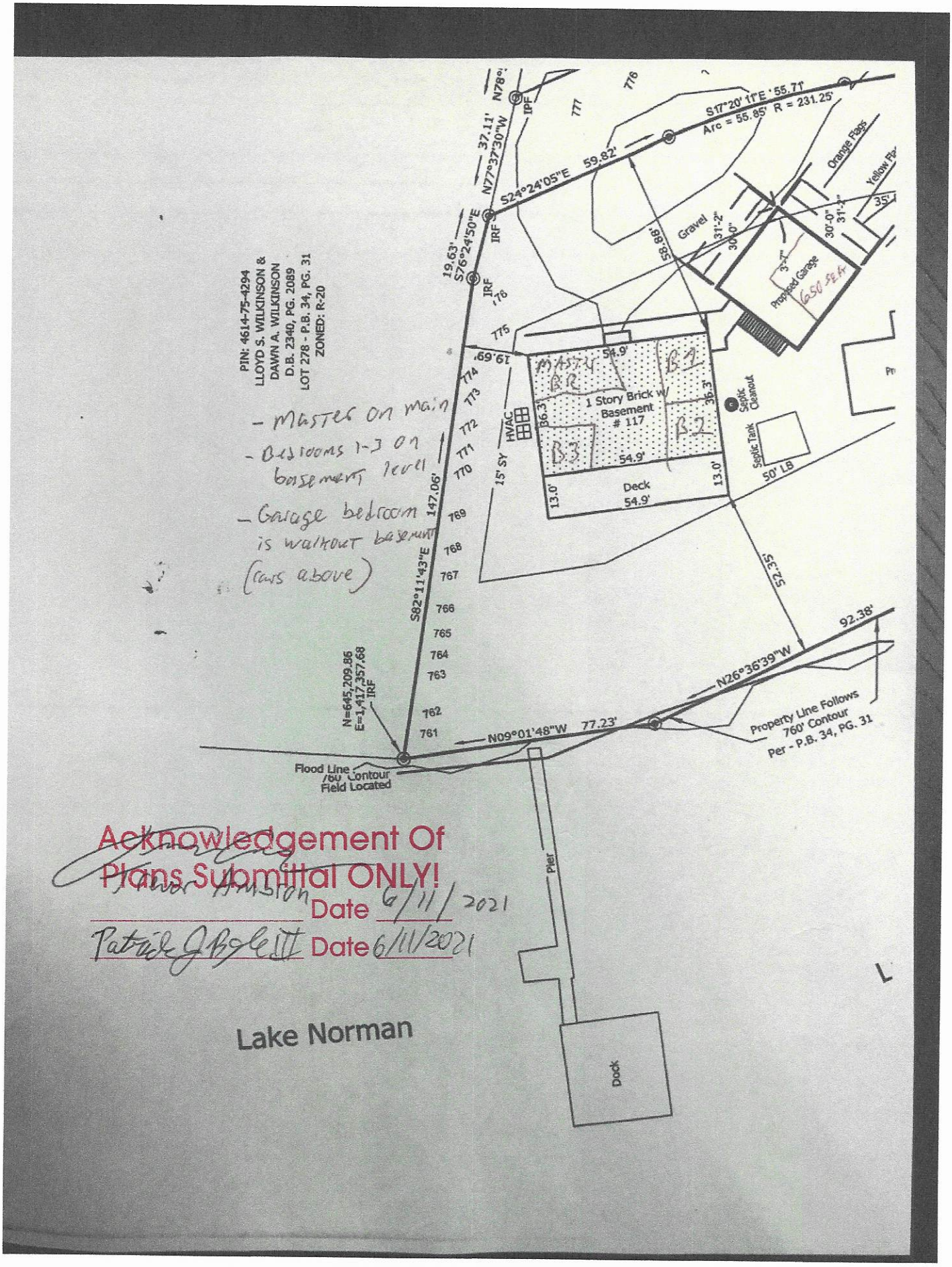
SEE ATTACHED

Signature: Kendall Cg

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

4/19/21

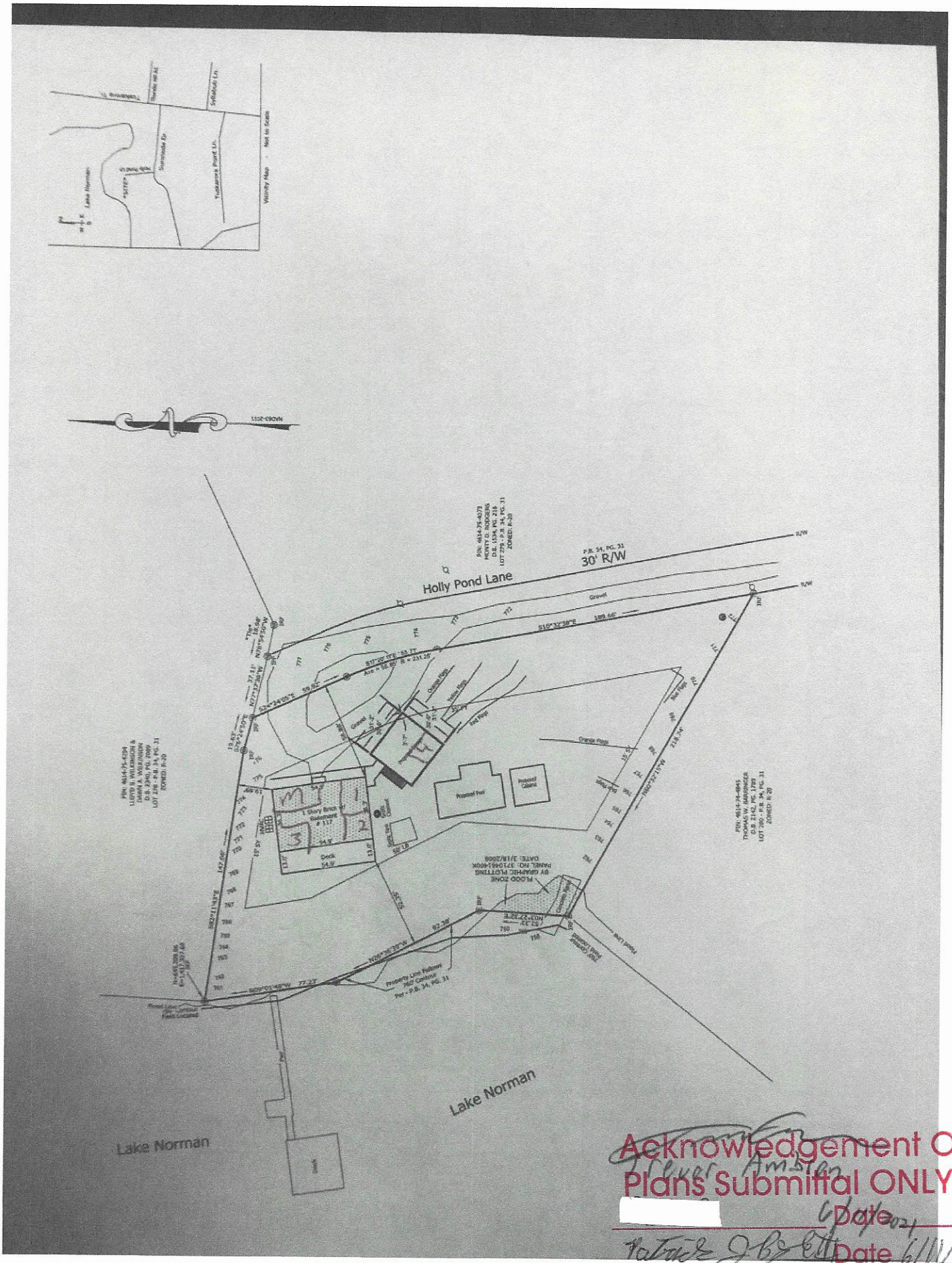
DATE



Acknowledgement Of Plans Submittal ONLY!

Trevor Ambron Date 6/11/2021

Patrick J Bogle III Date 6/11/2021

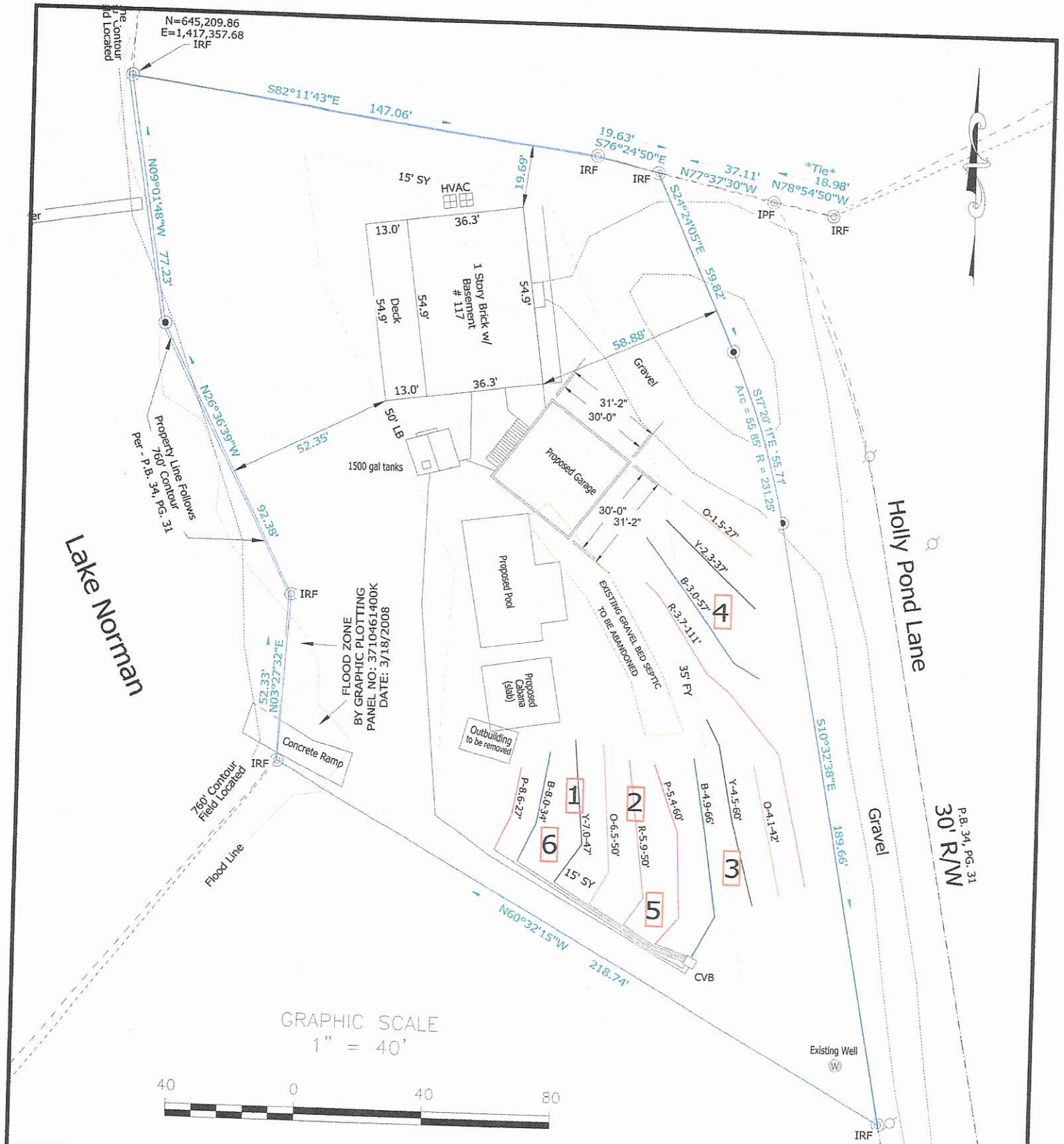


Acknowledgement Of Plans Submittal ONLY!

Trevor Ambron

Date 6/11/2021

Patrick J Bryant Date 6/11/2021



SHEET TITLE:
SEPTIC SYSTEM LAYOUT SKETCH MAP

PROJECT NAME:
TREVOR AMBRON
HOLLY POND LANE
IREDELL COUNTY, NORTH CAROLINA
MAY 2021

SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA

Soil & Forestry Services of the Carolinas, PA
PO Box 832-Mooresville, NC 28115
www.soilandforestryservices.com

PROJECT NO.
AFS
PROJECT MGR.
FIELD WORK
DRAWN BY
SCALE
1" = 40'

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
316724 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4614754073.000	117 HOLLY POND LN	Iredell County

Owner Information	Applicant Information
Name: AMBRON GINGER L+TREVOR L	Name: TREVER AND GINGER AMBRON
Address:	Address: 117 HOLLY POND LN
,	MOORESVILLE , NC 28117
Phone:	Phone: (803)464-1222

Use Requested	Zone Code
Addition	R-20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.97	35	50	15	15	WSIV-CA Catawba/Lake Norman	YES

Remarks

900 SQFT ATTACHED GARAGE 650SQFT BASEMENT**see notes don't i

Lake Lots: Must meet both the 50-foot setback from the 760' contour line and the 35-foot setback from the rear property line for any structure.

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Wendell C.
Signature of Owner/Contractor

Date: 04/13/2021

Permit Number	316724	TOTAL FEES:	$77.25