IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 226657

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

PIN # 4732393328

APPLICANT/OWNER: Hanka Enterprises Inc APPLICANT ADDRESS: 193 Volt Circle Statesville NC 28677

SITE ADDRESS: 174 Cacodell Lane Statesville NC 28677. PHONE: 704-990-8030 ALT. PHONE 704-807-0654

SITE DIRECTIONS: Wallace Springs Rd Right on Cacodell at end of Rd to Gravel Driveway SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: ~ SECTION: ~ LOT # ~ LOT AREA: 32.047 Acres DESIGN FLOW: 1381gpd. L.T.A.R.: .25

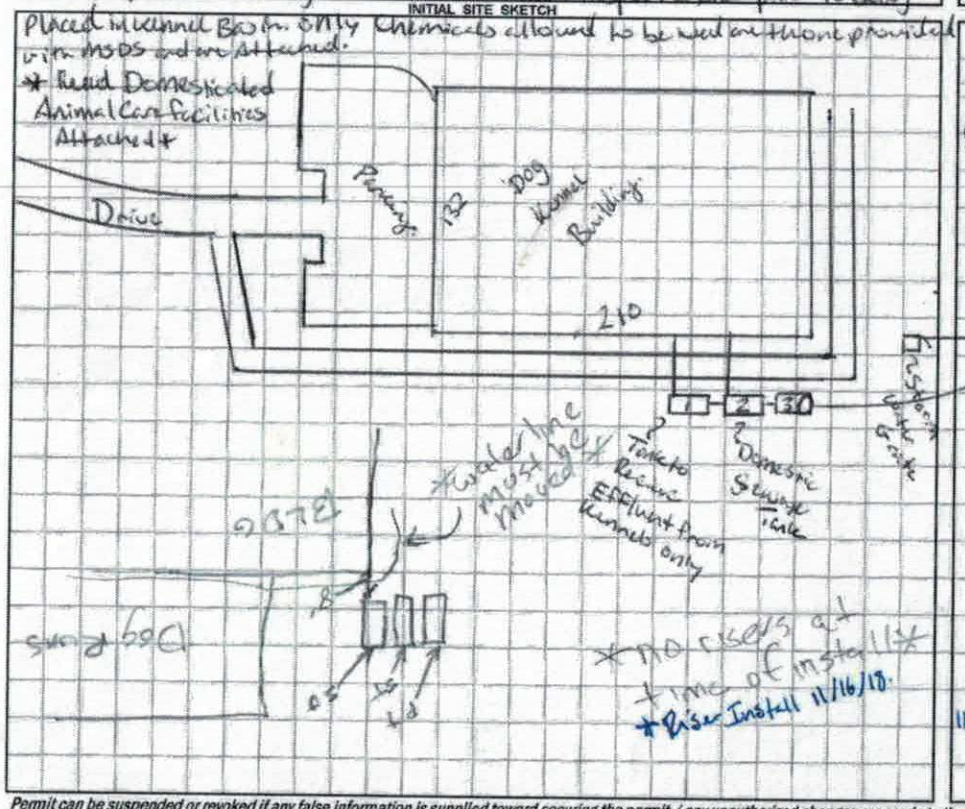
Septic Tank	3000 x2 (gal)	STB	5.50 X 2	Date	3/18 + 7/10	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI	☐ Residence	No. Bedrooms	Water Supply
Pump Tank	3000 (gal)	PT	498	Date	7/20/18	System Description: Infiltrator - 25% No Reduction	☒ Business	No. Persons	☒ Private
Pump Make	Gaulds	Model	5/4 HP	Serial #	WE0712HU	Repair System Description: Infiltrator 25% No Reduction	☐ Other	No. Employees 15	☐ Public
# Nitrification Fields	1	# Lines	10	Linear Ft	1841	Maintenance Agreement Required: ☒ YES ☐ NO	☒ Slab	☐ Crawl Space	☐ Community
Trench Width	36	Trench Bottom Depth(Low side)	30	Gravel Depth	~	☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Tank 1 to Recieve only Water From Kennels. Tank 2 to Recieve Effluent From Tank 1 & Domestic Sewage only. Both tanks must Filter Capabilities Filtering Animal Hairs. Must inspect SDMI prior to being Placed in Kennel Room. Only Chemicals allowed to be used are those provided with MSDS and are Attached. * Read Domesticated Animal Confinements Attached

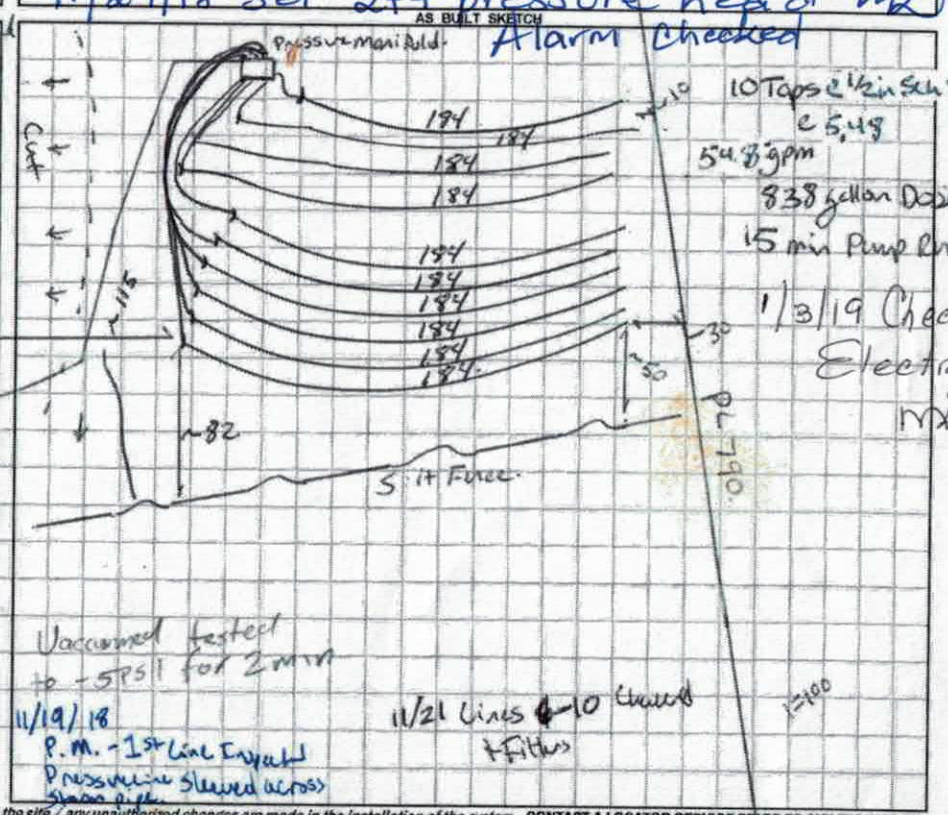
* Repair Area located on top of Hill near Cell Tower * See attached CAD Drawing

11/27/18 Set 2ft pressure head at MP Alarm Checked

INITIAL SITE SKETCH



AS BUILT SKETCH



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: Nancy Davis Date: 4/13/18 Installed by: Shane Cashion

IMPROVEMENT PERMIT by: Benjamin A Batten Date: 4/13/18 OPERATION PERMIT by: James Boss Date: 1-7-19

AUTHORIZATION TO CONSTRUCT by: Benjamin A Batten Date: 4/13/18 Existing System Inspected by: Date:

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

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

Sheet 1 of 2
PROPERTY ID #: 4732393321
COUNTY: Iredell

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

OWNER: Hunter Enterprises Inc
ADDRESS: 193 Voltcircle SVC NC
PROPOSED FACILITY: Kennel.
LOCATION OF SITE: 174 Carodell Lane SVC NC.
APPLICATION DATE 5/1/2017
DATE EVALUATED: 3/14/2017
PROPOSED DESIGN FLOW (.1949): 1381
PROPERTY SIZE: 32 Acres
PROPERTY RECORDED: 78.

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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Inter Side 12-15%	0-6	SCL GR			54		Minor water bleeds @ 24-26 in	PS .25 TB 36 Highside.
		6-30	C SBK	SSSP FR SEXP.					
		30-54.	CL WSBK						
2	Inter Side. 15%	0-16	C SBK	SS SP FM SEXP	2.5YR 4/6	52		Mica.	PS .25 TB 36 HS
		16-52	CL WSBK	SS SP FR SEXP					
3	Initial Side 15%	0-29	C SBK	SS SP FM SEXP	2.5YR 4/6	51		Lito mottles Mica	PS .25 TB 36 HS
		29-51	CL WSBK	SS SP FR SEXP.					
4	Initial Side 15%	0-31	C SBK	SS SP FR SEXP.	2.5YR 4/6	58			PS .3 TB 36 HS
		31-54.	CL WSBK	SS SP FM SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1841	1841
System Type(s)	~~IV~~ V 25%	V 25%
Site LTAR	.25	.25

OTHER FACTORS (.1946): PS. Animal Cem -
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bottom ~~Stone~~.
OTHER(S) PRESENT: Snow.

COMMENTS: ~~1391 825~~ 991 30%. 1841 25% No Reduction

LEGEND

use the following standard abbreviations

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

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

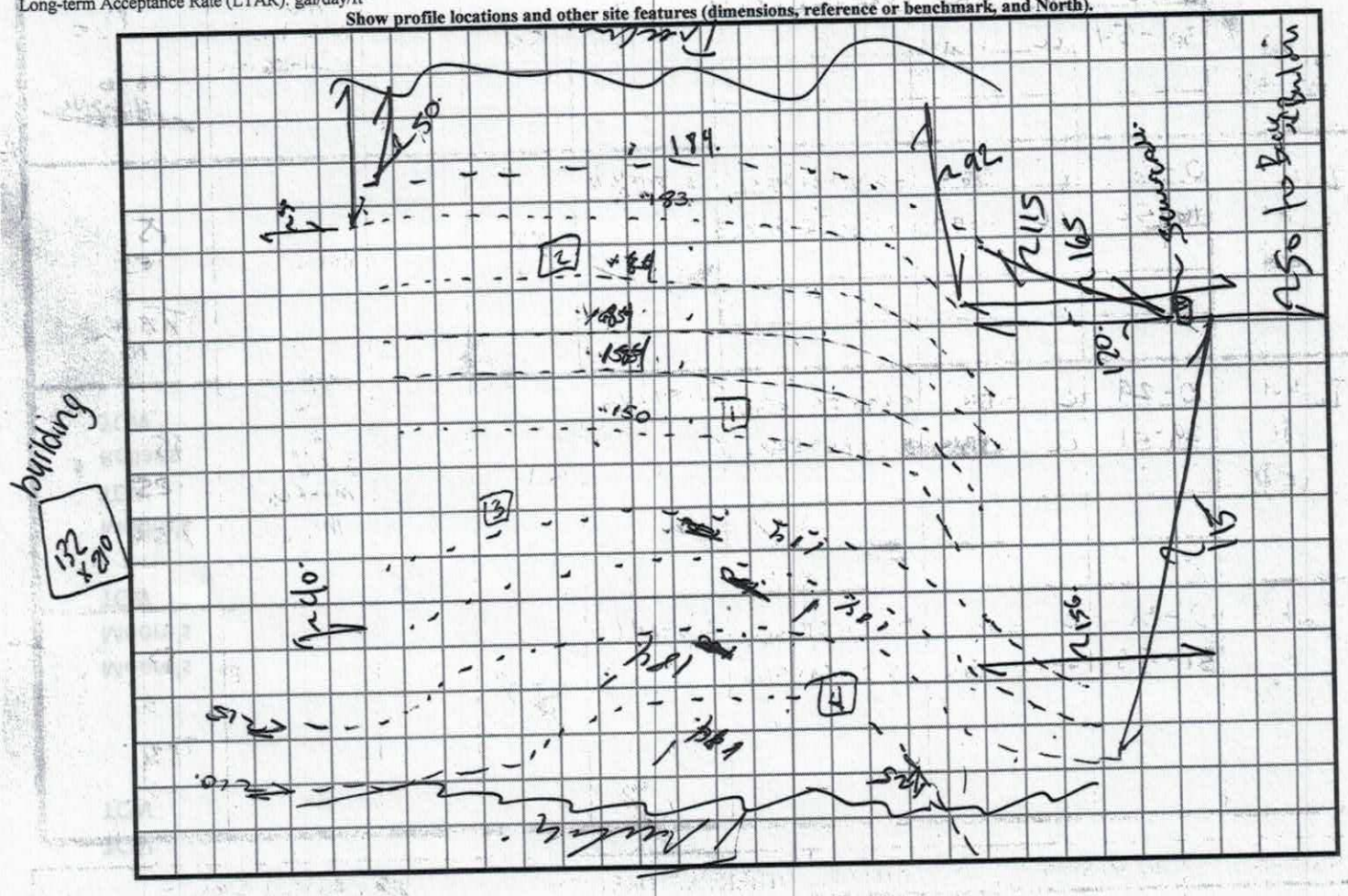
NOTES

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

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

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



SOIL/SITE EVALUATION

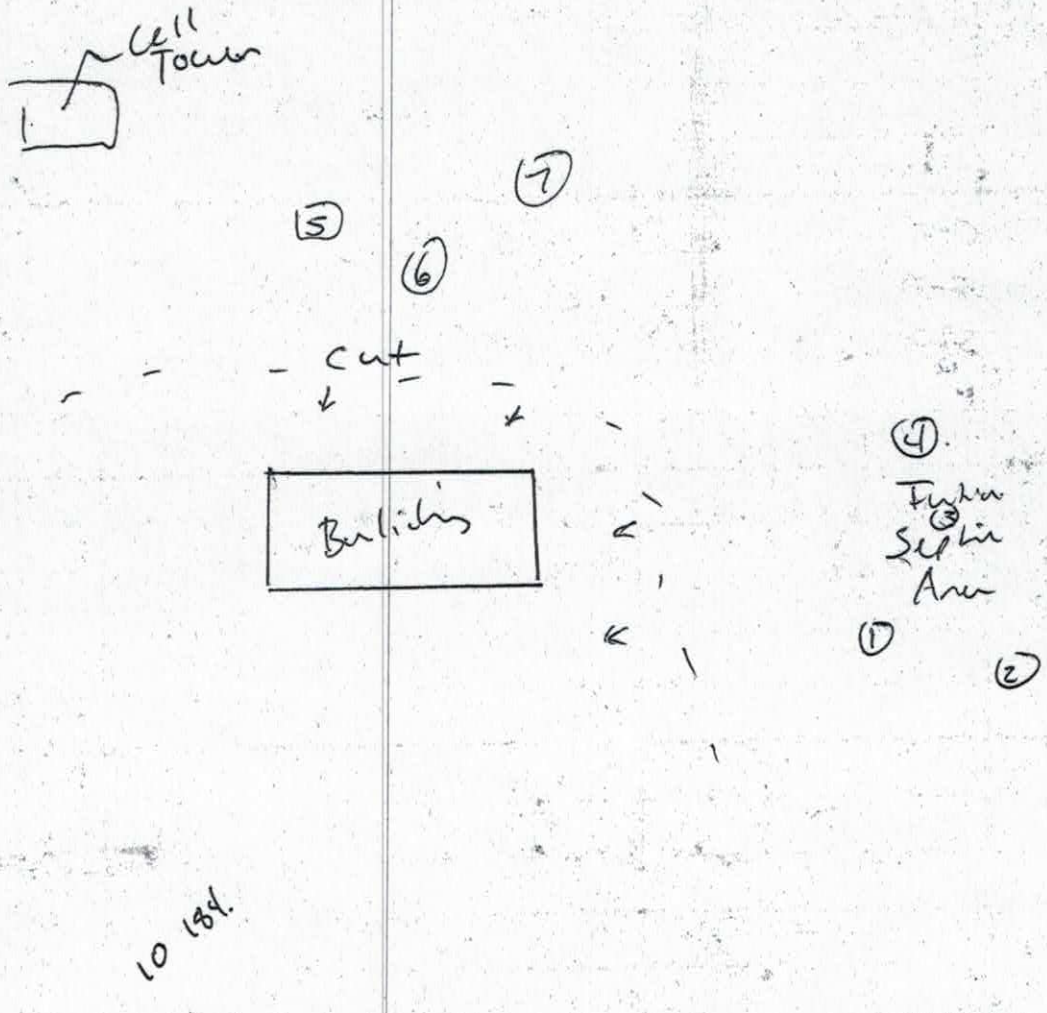
(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 473239332
DATE OF EVALUATION: 3/19/19
COUNTY: Tillman

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	Rvine Ridge 10%	0-30	SCL WSBK	SSSP FR SEKO	2.5YR5/6.	52	-	Lith	P) .25
		30-52.	C SBK	SSSP FM					
6	Rvine Ridge 15%	0-5	SCL WSBK	SSSP FR SEKO	2.5YR4/6.	60	-	Lith	P) .25
		15-38	C SBK	SSSP FM					
		38-60	CL WSBK	SSSP VFR					
7.	Pervin Ridge 15%	0-15	SCL WSBK	SSSP FR SEKO	2.5YR4/6	53.	-	Lith	P) .25
		15-53.	C SBK.	SSSP FM					

COMMENTS:


Cell Tower
1
5
7
6
cut
Buildings
4
Septic
Area
3
1
2
10 feet.

Domesticated Animal Care Facilities

Many domesticated animal care facilities (e.g., kennels, veterinary clinics, groomers, doggy daycares, etc.) utilize on-site disposal systems. A major concern with these facilities is the minimization of discharge to the system of animal waste solids, hair, cleaning solvents and medicinal agents. The wastestreams from animal shelters as well as boarding, breeding and training facilities also exhibit similar characteristics and therefore also considered IPWW. However, due the great variability in water usage at these facilities, the flow predicted from these facilities must be assessed on a case-by-case basis. These guidelines do not address animal feeding operations as defined by United States Environmental Protection Agency (USEPA) regulations.

(1) Definitions

(a) "Animal shelter" - a facility which is used to house or contain seized, stray, homeless, quarantined, abandoned or unwanted animals and which is under contract with, owned, operated, or maintained by a county, city, town, or other municipality, or by a duly incorporated humane society, animal welfare society, society for the prevention of cruelty to animals, or other nonprofit organization devoted to the welfare, protection, rehabilitation, or humane treatment of animals.

(b) "Best Management Practices" ("BMPs") - schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent/reduce the risk of contamination of North Carolina waters. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

(c) "Boarding kennel" means a facility or establishment which regularly offers to the public the service of boarding animals for a fee. Such a facility or establishment may, in addition to providing shelter, food and water, offer grooming or other services for animals.

(d) "Biodegradable" - capable of being decomposed by natural biological process.

(e) "Effluent"- treated wastewater flowing out of the wastewater treatment system, unless specifically stated otherwise.

(f) "North Carolina waters" - all waters of the United States within the political boundaries of the State of North Carolina.

(g) "Primary enclosure" - any structure used to immediately restrict an animal or animals to a limited amount of space, such as a room, pen, cage compartment or hutch.

(h) "Research facility" - any place, laboratory, or institution at which scientific tests, experiments, or investigations involving the use of living animals are carried out, conducted, or attempted.

(i) "Sanitize" - to make physically clean and to remove and destroy to a practical minimum, agents injurious to health.

(2) General Requirements

The subsurface wastewater system shall be designed by a registered NC professional engineer and plans and specifications shall be in accordance with Section .1900 of Title 15A Subchapter 18A of the North Carolina Administrative Code (T15A.18A.1901 - .1970). The following are minimum standards for domesticated animal care facilities:

(a) Any domesticated animal care facilities that intends to dispose of wastewater subsurface shall be required to submit an Industrial Process Wastewater (IPWW) system application package to the Local Health Department (LHD). Application fees, procedures and forms may be prescribed by the LHD. The LHD shall review the application package for completeness of information required by the LHD. Incomplete packages will be returned to the applicant. After the LHD is satisfied that the information the LHD requires has been provided and it is

determined that On-Site Water Protection Section (OSWP) review is required, the LHD shall forward three (3) complete IPWW packages to OSWP.

(b) If advanced pretreatment is proposed, the system shall be designed by a registered NC professional engineer and project specific plans and specifications shall be submitted to OSWP for review and approval.

(c) Due to the potential for non-permitted and hazardous materials to enter floor drains, domesticated animal care facilities proposing the discharge of wastewater from floor drains to a subsurface wastewater treatment system shall submit a complete IPWW application package along with a written request via the LHD for OSWP for review. Written approval by OSWP shall be required prior to issuance of Construction Authorization.

(d) Written approval from OSWP is not required if:
   (i) Primary enclosure floors do not have floor drains and are sloped toward the entrances to facilitate drainage; or
   (ii) An appropriate permit is obtained from the North Carolina Division of Water Quality to discharge the floor drains to a holding tank for off-site disposal or to possibly discharge to daylight.

(e) For kennels and veterinary clinics desiring to utilize x-ray equipment, the provisions of the "Photographic and X-ray Processing" guidance are applicable.

(f) A description of the proposed BMPs to be instituted at the facility shall be included in the project specifications.

(g) The submittal shall demonstrate that all IPWW application criteria are met.

(h) For kennels and veterinary clinics meeting the above criteria may be permitted by the local health department without review by OSWP provided that all of the following stipulations are met:
   (i) An application is made and the local health department determines compliance with applicable sewage rules (15A NCAC 18A .1900 et. seq.);
   (ii) No x-ray processing, advanced pretreatment or reductions are proposed; and
   (iii) The requirements for the system design to be prepared by a registered NC PE, and for OSWS review of plans and specifications shall be in accordance with 15A NCAC 18A .1938 (d) and .1938(e) respectively. This includes the requirement for further OSWS review and approval of plans and specifications for all systems serving a design unit with a proposed daily design flow of greater than 3,000 gpd. This requirement shall also apply whenever the criteria contained herein are proposed not to be met.

(3) Prohibitions

(a) Prohibitions shall be posted on signs prominently located and of sufficient size to be easily read by all staff and patrons. Permanent signs (at least 8 inches by 11 inches) shall be conspicuously posted near or above any drains at the facility that prohibit the use of products that contain pesticides and other similar products. The name of a contact person and phone number to notify in the case of a spill shall also be prominently posted.

(b) Spent pesticidal dip solutions and medicated shampoo rinse waters shall not be discharged to the septic tank. Any existing animal dip and bathing equipment drain lines shall be disconnected and sealed off from discharge to the septic tank. Rinse water shall be collected in a holding tank for transport to a sewage treatment plant via an approved hauler.

(c) Soaps, shampoos, and other cleaning agents shall be biodegradable. Synthetic pesticides and insecticides (e.g., products containing pyrethrin or limonene, organophosphates, carbamates, etc.) must have the wastewater transported via approved hauler to a wastewater treatment plant.

(d) Disinfectants shall not be used during washdown. Cages and runs may be disinfected manually without rinsing.

3. Disinfectants shall not be used during washdown. Cages and runs shall be disinfected manually without rinsing.

(ii) Wastewater pretreatment standards apply at the point of no further treatment. Note: Dilution is not an acceptable wastewater treatment practice.

(iii) Hoses shall be fitted with pressure spray devices to control flow and minimize water loss.

(iv) Solids in the runs shall be raked or otherwise prevented from entering the subsurface system to the extent possible.

(v) The effluent filters the septic tanks shall be inspected and cleaned at least weekly.

(6) Effluent Monitoring

It may be necessary for a domesticated animal care facility to monitor and/or sample the wastewater effluent (i.e., the discharge to the disposal field, a point in the treatment system as required by OSWP). If it is determined that monitoring and sampling are required, then the following requirements shall be met:

(i) An effluent monitoring program for the facility shall be established. Sampling parameters shall include the sampling parameters deemed necessary by OSWP.

(ii) Sampling shall be conducted by personnel familiar with state-approved sampling protocols. Improper sampling may result in invalid or inaccurate results.

(iii) Sample analysis shall be conducted by a laboratory certified by the State for the indicated parameters.

(iv) Additional sampling parameters may be determined based on the water quality of the water treatment system influent.

(v) The sampling point for effluent monitoring shall be the farthest point downstream in the wastewater system practical for sampling. This is typically the effluent end of the septic tank or the distribution box for gravity systems or the final dosing pump tank for pressurized systems.

(vi) The applicant's engineer shall contact the OSWP to confirm the appropriate sampling regimen. The proposed sampling regimen shall include the sampling interval and the sampling parameters. For at least the first six (6) months of system operation, sampling shall be conducted monthly. If observed discharge concentrations are not compliant during the first six (6) months, sampling shall continue at a monthly interval until the sampling indicates compliance for three (3) continuous months. Based on observed concentrations, the applicant may request modification to the sampling regimen, i.e., a reduction in the sampling frequency and a reduction in the number and type of sampling parameters.

(vii) For projects which have the opportunity to sample from an existing similar domesticated animal care facility system, a waste stream characterization shall be completed prior to application submission so that any pretreatment requirements resulting from the characterization may be included in the design. Samples shall be taken either from an existing or similar system during normal operational hours.

(7) Non-Compliance

(a) If the system does not otherwise function in satisfactory manner or contaminants levels exceeding the maximum allowable concentrations are repeatedly detected in the effluent to be discharged to the on-site subsurface disposal system, the applicant shall take one or more of the following actions:

(i) Terminate any and all processes which discharge the contaminants;

(e) There shall be no discharge of wastewaters from the collection, treatment, or disposal system to ground waters or surface waters.
(f) The discharge of any hazardous chemical/substance into any floor drain, sink drain, shower or toilet is prohibited.
(g) Products containing volatile organic compounds shall not be used.

(4) Sizing Criteria

Design daily flow shall be determined as follows:

(Sum all of the following flows for services and staff)

Primary Enclosures[1]	
Cage	5 gpd/cage
Inside run	10 gpd/run
Outside run	20 gpd/run
Services	
Grooming	10 gpd/animal
Surgery	50 gpd/surgery room
Staff	
Vet doctor	75 gpd/vet doctor
Vet assistant	75 gpd/vet assistant
Support staff	20 gpd/support staff

[1]If dealing with large animals (horses, cattle, game cats, etc.), contact the On-Site Water Protection Section for design flow rates.

(5) Design Requirements
(a) Two state-approved septic tanks, with access openings extended to finished grade shall be installed in series. The capacity of each tank shall be sufficient to handle the total flow and shall be determined in accordance with 18A NCAC .1952(b). The first septic tank shall receive only effluent generated at the kennels (IPWW). The second septic tank shall receive effluent from the first tank, in addition to any domestic sewage. The effluent ends of both septic tanks shall be fitted with an effluent filter capable of filtering animal hair.
(b) Screens to catch hair and other solids shall be provided at the floor drains or at the inlets to the trench system collection pipes to exclude solids and bedding materials from entering the wastewater treatment system.
(c) Operation and Maintenance:
(i) For those facilities performing pesticidal shampooing and/or dipping:
1. Spent pesticidal dip solutions and medicated shampoo rinse waters shall not be discharged to septic tanks. Any existing animal dip and bathing equipment drain lines shall be disconnected and sealed off from discharge to the septic tank. Rinse water shall be collected in a holding tank for transport to a sewage treatment plant via an approved hauler.
2. Soaps, shampoos, and other cleaning agents shall be biodegradable. Wastewater containing synthetic pesticides and insecticides (e.g., products containing pyrethrin or limonene, organophosphates, carbamates, etc.) shall be transported via approved hauler to a wastewater treatment plant.

(ii) Add additional pretreatment or change pretreatment as needed to reduce the contaminant concentrations at the discharge sampling point to below the maximum allowable concentration as stipulate in 15A NCAC 02L .0202 Groundwater Quality Standards; or

(iii) Capture all effluent wastewater for off-site disposal and no further effluent shall be discharged to the on-site subsurface disposal system.

(b) The means by which the system is proposed to return to compliance shall be stated in a written report. Hard copies of the report shall be forwarded to the LHD and the OSWP Central office.

Table 1: Pressure Distribution Manifolds for Conventional Septic Systems; Manifold and Lateral Tap Size Criteria[a]

Tap Separation Distance (Feet)	Manifold Size (Inches)	Lateral Taps out of One Side of Manifold Lateral Tap Size (inches)						Lateral Taps out of Both Sides of Manifold Lateral Tap Size (inches)					
		½	¾	1	1 ¼	1 ½	2	½	¾	1	1 ¼	1 ½	2
		Maximum Number of Taps						Maximum Number of Tap Pairs					
0.5[b]	2	4	2					2					
	3	9	5	3	2			4	2				
	4	16	9	5	3	2		7	4	2			
	6	40+	21	12	7	5	3	18	10	6	3	2	
	8		38	22	12	9	5		17	10	6	4	2
3.0[c]	2	8	2										
	3	14	12	3	2			2					
	4	21	18	6	3	2		6	2				
	6	38	30	26	8	5	3	16	5	3			
								20+	19	7	3	2	
6.0[c]	2	5	4										
	3	9	7	6	2			4					
	4	14	11	9	4	2		7	3	2			
	6	27	20	17	14	7	3	10	9	3			
								19	15	13	4	3	
9.0[c]	2	4	3	3									
	3	7	6	5	2			3					
	4	12	9	7	6	3		6	5	2			
	6	22	16	13	11	10	4	8	7	6	2		
								15	12	10	5	3	

[a]Assumptions: 1 to 4 feet (.3 to 1.2 meters) head at lateral outlets; 5% maximum flow differential maintained between laterals; Hazen-Williams "C" factor of 140; taps are of Schedule 40 PVC and manifolds are of Schedule 80 PVC, with the following actual inside diameters:

	½	¾	1	1 ¼	1 ½	2	3	4	6	8
	----nominal pipe size (inches)----									
Taps	.622(19)	.824(25)	1.049(42)	1.38(42)	1.61(49)	2.067(63)				
Manifolds						1.94(59)	2.90(88)	3.83(117)	5.76(176)	7.63(232)

----actual inside diameter: inches (millimeters)----

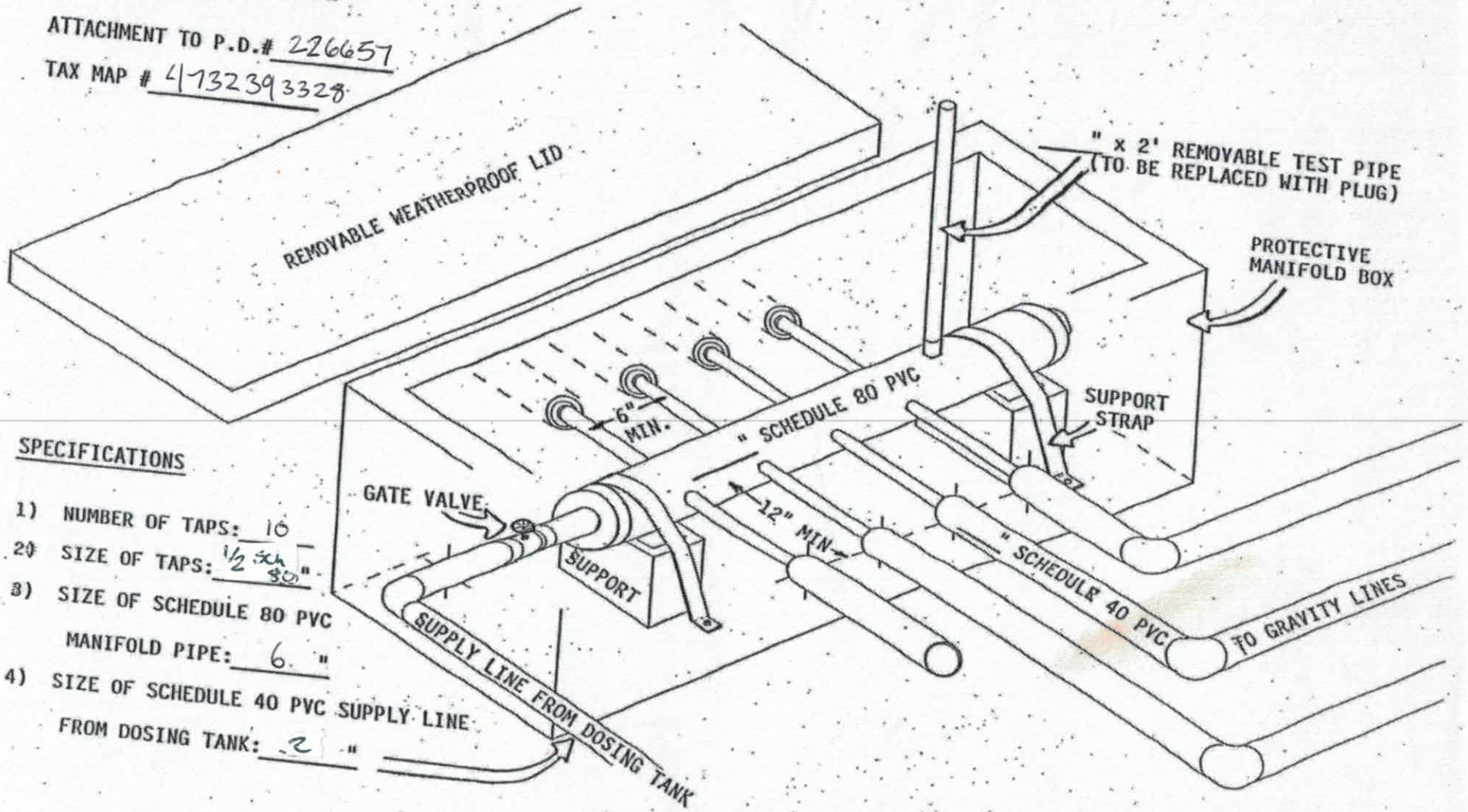
[b]Use for pressure manifold distribution box designed for sloping lots, located above highest field line.

[c]Use for pressure manifold on flat lots, located adjacent to end of each field line.

PRESSURE MANIFOLD DESIGN

ATTACHMENT TO P.D.# 226657

TAX MAP # 4/13239 3328



SPECIFICATIONS

1) NUMBER OF TAPS: 10
2) SIZE OF TAPS: 1/2 " SCH 80
3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 6 "
4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 2 "

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

Matt

(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)

1. APPLICATION FOR: X Improvement Permit X Authorization To Construct ___ Existing System Inspection

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application
   The following optional attachments may also be submitted: X Survey Plat, Scaled no more than 1 Inch = 60 Feet
   Place check ( ) beside whichever is submitted if applicable ___ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Hamka Enterprises, Inc	193 Voth Circle, Statesville NC 28677	704-990-8030	704-807-0654
Owner Name	Mailing Address	Home Phone #	Alternate Phone #
Jamal Hamka	Same ↑		

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
174 Carodell Lane, Statesville NC 28677		

Driving Directions: off Wallace Springs Rd. Drive to end of road 9.34 acre property starts at gravel road

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

( ) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
(X) Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms ___
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

( ) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development:

Type of Business	Dog Kennel
Square Footage of Building	16,000
Maximum Number of Employees	15
Maximum Number of ~~Seats~~ Dogs	40

6. Proposed Water Supply:

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

7. Desired Septic System Type: *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed _____ *Year*

( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other_____

8. Please Answer The Following ( ) Yes (X) No Does the site contain any jurisdictional wetlands?
   To The Best of Your Ability: ( ) Yes (X) No Is any non-domestic sewage (i.e. industry) 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.

9. Signature: _____ 5/1/17
   Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION:*

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:

_____ Property Line measurements are clearly identified... **_____ All proposed structures are indicated...**

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

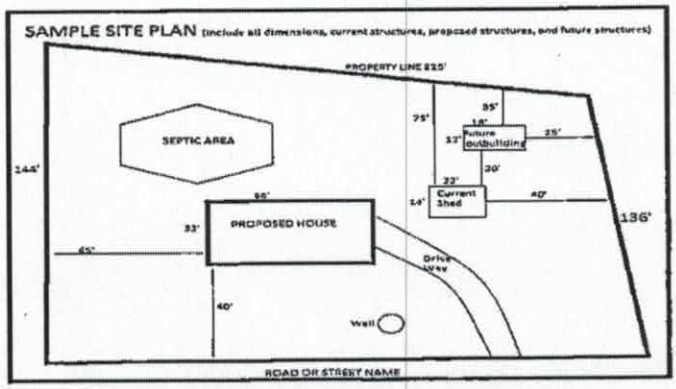
_____ Front and side setbacks from property line... **_____ Preferred driveway location and configuration, preferred well location...**

_____ Area you prefer your septic system to be placed... **_____ North arrow, or other sufficient indicator of direction...**

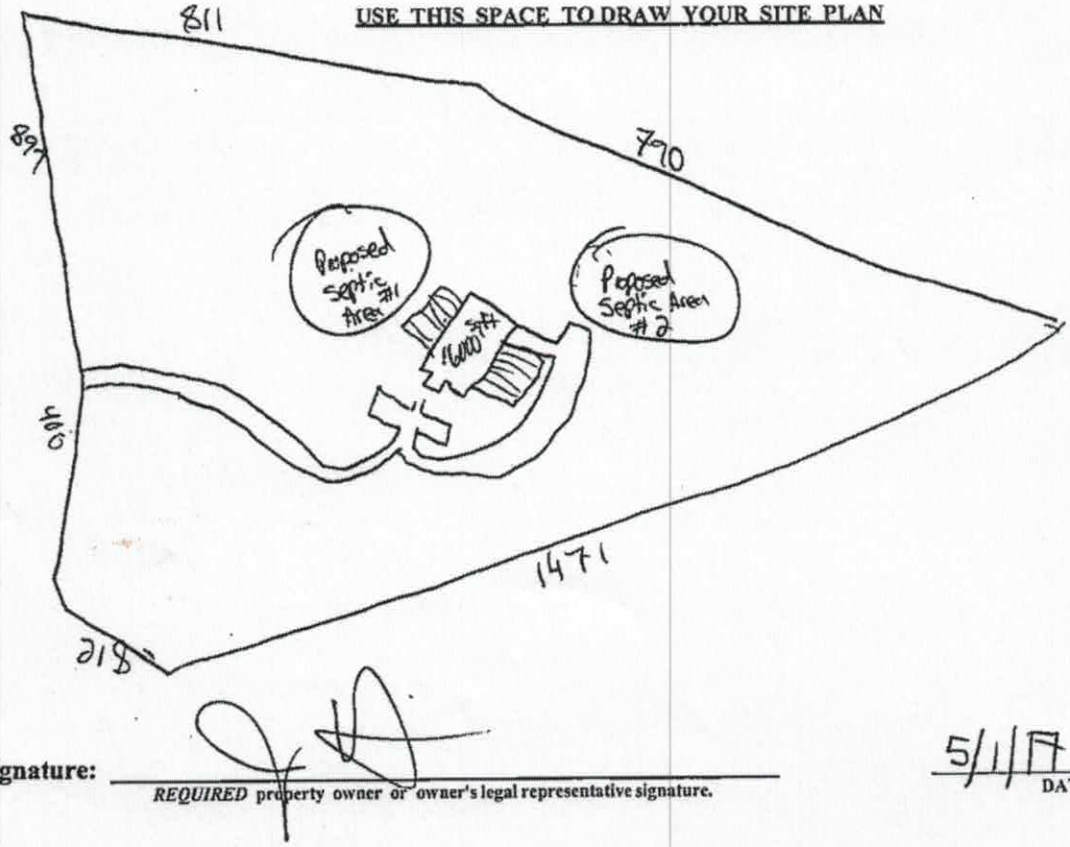
Circle N/A on the following if appropriate:

_____ 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

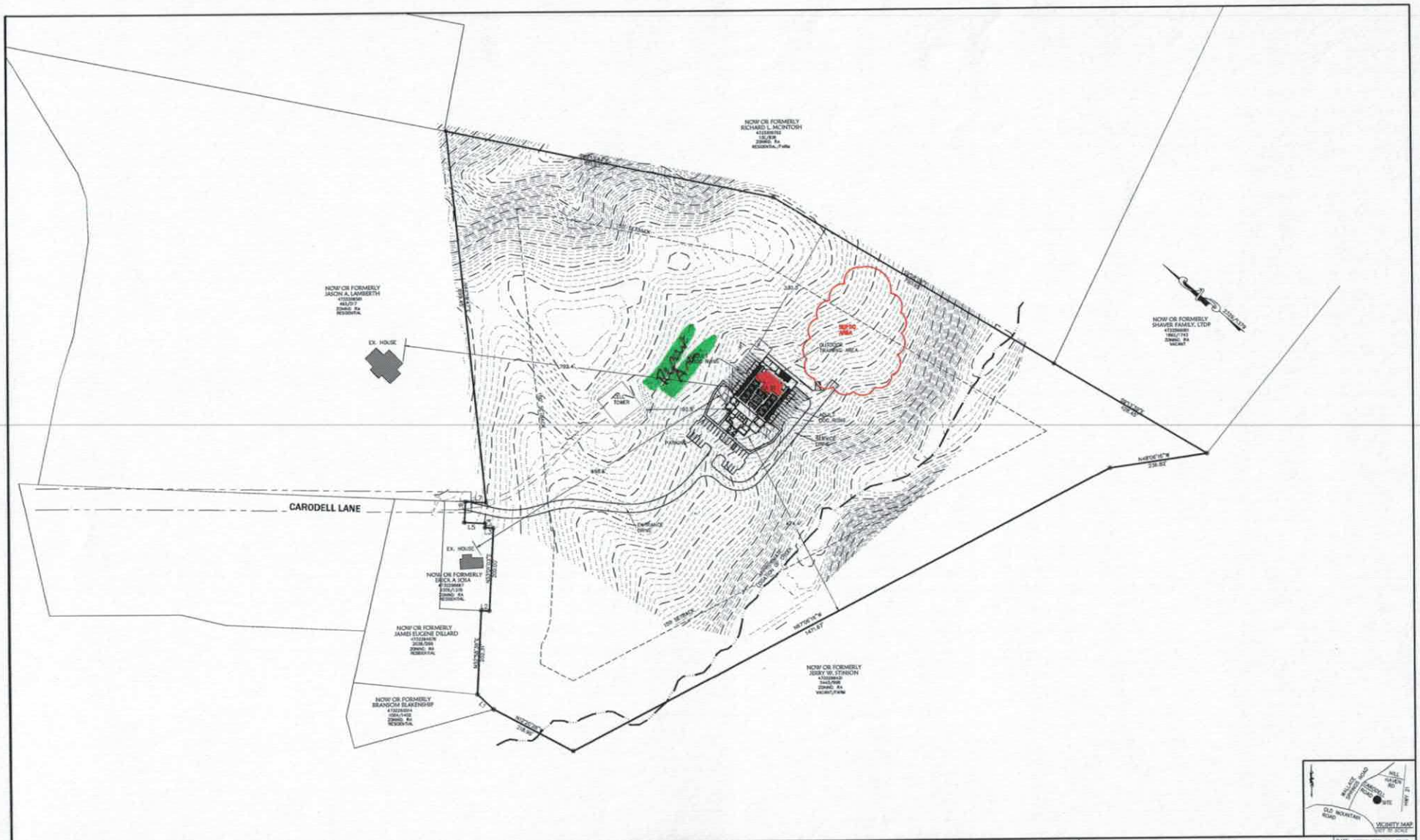


Signature: _____

REQUIRED **property owner or owner's legal representative signature.**

5/1/17

DATE



NO.	REVISIONS	DATE	BY

DESIGNED MAW
DRAWN MAW
CHECKED RWW
PROJECT MANAGER MAW

BAR SCALE 1"=100'
0 50 100 200

9/14/17

WRIGHT & ASSOCIATES

WRIGHT & ASSOCIATES
ENGINEERS & SURVEYORS
LICENSE # C-4051
209 1st AVE. SOUTH
CONOVER, NC 28613
(828) 465-2205

NEW KENNEL FACILITY

HAMKA ENTERPRISES, INC.
193 VOLT CIRCLE
STATESVILLE, NC 28677

IREDELL COUNTY NORTH CAROLINA

OVERALL SITE PLAN

DATE: SEPTEMBER 14, 2017
JOB NO.: 1183-003
DRAWING NO.: 1183003A
SHEET C2