ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 314886

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

PIN # 4638 --22 --6217

APPLICANT/OWNER: Marc Niblock APPLICANT ADDRESS: 759 Concord Parkway Suite 20 Concord NC

SITE ADDRESS: 114 Hillside Cove CT Mooresville NC 28117 PHONE: 704-202-6701 ALT. PHONE —

SITE DIRECTIONS: NC 150 @ on Robinson Rd @ Robinson Ridge @ on Hillside Lot on Right SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Robinson Ridge SECTION: — LOT # 10 LOT AREA: .699 AC DESIGN FLOW: 600 L.T.A.R.: .30

Septic Tank 1500 (gal) STB 964 Date 8-1-21 ☐ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI ☒ Residence No. Bedrooms 5 Water Supply

Pump Tank 1500 (gal) PT 389 Date 7-24-21 System Description: LP- Viewed PPBPS- 50% Reduction ☐ Business No. Persons 10 ☒ Private

Pump Make Goulds Model 3HP Serial # Repair System Description: LP- Viewed PPBPS- 50% Reduction ☐ Other No. Employees ☐ Public

Nitrification Fields 1 # Lines 5 Linear Ft: 350 Maintenance Agreement Required: ☒ YES ☐ NO ☐ Slab ☐ Crawl Space ☐ Community

Trench Width 36 in Trench Bottom Depth 24 in max Gravel Depth — ☐ GRAVITY ☒ PRESSURE ☒ Basement w/plumbing ☐ Basement w/o plumbing

Comments / Conditions: ST - 35ft from deck posts, 14ft to sideline, Supply line btw tank's 2 10ft to PL

Red filter in ST, In line filter in PT 10/25/21 Drilled 5/32" hole, Set 3Ft pressure. 1 lateral per line

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:

Septic Environmental Solutions Inc.

LSS # 1134

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.

Installed PPBPS as drawn

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: 9/30/21 Installed by: Howell Grading #3312

IMPROVEMENT PERMIT by: [signature] Date: 9/28/21 OPERATION PERMIT by: James Boggs Date: 2/11/22

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 9/28/21. Existing System Inspected by: Date:

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

Item	Date	Initials
Drain Lines Checked	10/25/21	MD
Tanks Checked	10/25/21	MD
Pressure Manifold or Valve Box Checked	10/25/21	MD
Pressure Head Set 3ft	10/25/21	MD
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Item	Date	Initials
Drain Lines Checked	10/25/21	MD
Tanks Checked	10/25/21	MD
Pressure Manifold or Valve Box Checked	10/25/21	MD
Pressure Head Set 3ft	10/25/21	MD
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Design Specifications for Lot 10 Robinson Ridge, Iredell, North Carolina

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

Daily Design Flow	600	gals
Number of Bedrooms	5	bedrooms
Basement or Crawlspace	Basement	
Pool	Yes	
Dellinger Septic Tank Size, STB-338	1500	gals, Effluent Poly Lock PL68 Filter or equal.
Dellinger Pump Tank Size, PT-141	1500	gals
Sim/Tech Effluent Filter on Pump Tank	Yes	Connection inside pump tank vault and on supply line.
Primary System Loading Rate (LTAR)	0.30	gpd/ft^2 LTAR were determined by soil evaluations by Septic Environmental Solutinos, Inc.
Number of Lines	5	Total LP PPBPS, See Scaled Dwg.
Primary System	350	ft. provided 216-ft
Trench Width	3	ft
Trench Spacing	9	ft
Trench Maximum Depth	28	inches
Pump required	Yes	
Distribution Device	Yes	Gate Valve Box with LPP Panel Distribution
Maintenance Agreement Required	Yes	Contracted by Septic Environmental Solutions, Inc.
Length and Diameter of Supply Line	60	2" SCH 40 PVC
Lateral Diameter	Yes	1 1/4 SCH PVC
Number of T&J Panels	80	Total panels for primary system
Barrel Diameter	Yes	4 " SCH 80 PVC
Flow Rate through System	40	gpm– use 5/32" holes with 3ft head
Elevation Head+ Pump Height	15	ft.
Pressure Head	3	ft.
Friction Head	1.81	ft.
20% Contingency	4	ft.
Total Head	23.8	ft.
Pump Requirements	40	gpm. with 13-ft of Head; Use Goulds WE05L Pump or Equivelent with Compatible Electrical
Dosing Volume	288	s
Dose Float, Drawdown	9.93	
Pump run time per dose, approximate	7.2	min
Check Valve	Yes	
Siphon Break Hole	Yes	
Repair System Loading Rate	0.30	gpd/ft2
Repair System	Yes	LP PPBPS, See attached dwg.
Total foot of Repair	200+	ft

Before placement of cap block, one panel on each line near the center of the field should be observed filling to make certain that it does not overflow top chamber into air chambers of panel. If overflow occures, reduce floats by 25 gallons and reset until no overflow is observed.

LPPPPBPS Design Worksheet (Primary System)					File #/Name:	Robinson Ridge
System Requirements					Tax #:	4638226217.000
Number of bedrooms	5				Lot	10
Craw Space/Basement	Basement					
Daily Design Flow	600.00	gpd			Address:	Iredell County
LTAR	0.30	gpd/ft.^2			Consultant:	Septic Environmental Solutions Inc.
Linear footage	666.67	ft. (Conventional)			Phone:	704-502-5588, Fax 704-684-1469
Linear footage	333.33	ft. (50% Reduction)				
Trench Maximum Depth	28	inches				

Laterals	Length (ft)	# Panels	Calculated
Line # 1	70	16	16
Line # 2	70	16	16
Line # 3	70	16	16
Line # 4	70	16	16
Line # 5	70	16	16
Line # 6		0	0
Line # 7		0	0
Line # 8		0	0
Line # 9		0	0
Line # 10		0	0
Line # 11		0	0
Line # 12		0	0
Totals	350	80	80

*Lines longer than 70 ft. must be center-fed to comply with sewage rules.

T&J Panel Summary Table	
Linear Feet	# Panels
20	5
30	7
40	9
50	11
60	14
70	16
80	18
90	21
100	23
110	25
120	17
130	30
140	32
150	34
160	37
170	39
180	41
190	43
200	46

Absorption Area				
Length (ft)	Width (ft)	Spacing	Area (ft^2)	
350	3	9	3000.00	
System Pressure Head	3	ft.	Value selected by system designer (must be between 2-5 ft.)	
Orifice Diameter	5/32	in.	Size selected by system designer (1/8 in. minimum)	
Flow Rate per Orifice/Panel	0.5	gpm	Determined from orifice flow design table (use table from Flow Rate tab)	
Total System Flow Rate	40	gpm	Total number of panels required multiplied by the orifice flow rate	
System Dose Volume	288	gal.	Total number of panels required multiplied by 3.6 gal./panel	
Doses Per Day	2.1	cycles	Number of dose cycles per day based on daily design flow. Daily design flow divided by system dose volume.	
Pump Run Time	7.20	min.	System dose volume divided by the total system flow rate	
Pump Tank Volume / Inch	29	gal./in.	1,000 gal. Pump tank, volume is approximately 21 gallons per inch. 1,500 gal. pump tank, volume is approximately 29 gallons per inch. Contractor is responsible in verifying tank gallons per inch.	
Pump Tank Drawdown	9.93	in.	System Dose Volume divided by gallons per inch for the designed tank size.	
Supply Line Length	60.00	ft		
Elevation head+pump height	15.00	ft.		
Friction Head	1.81	ft.		
20% Contingency	3.96	ft.		
Total Head	23.8			

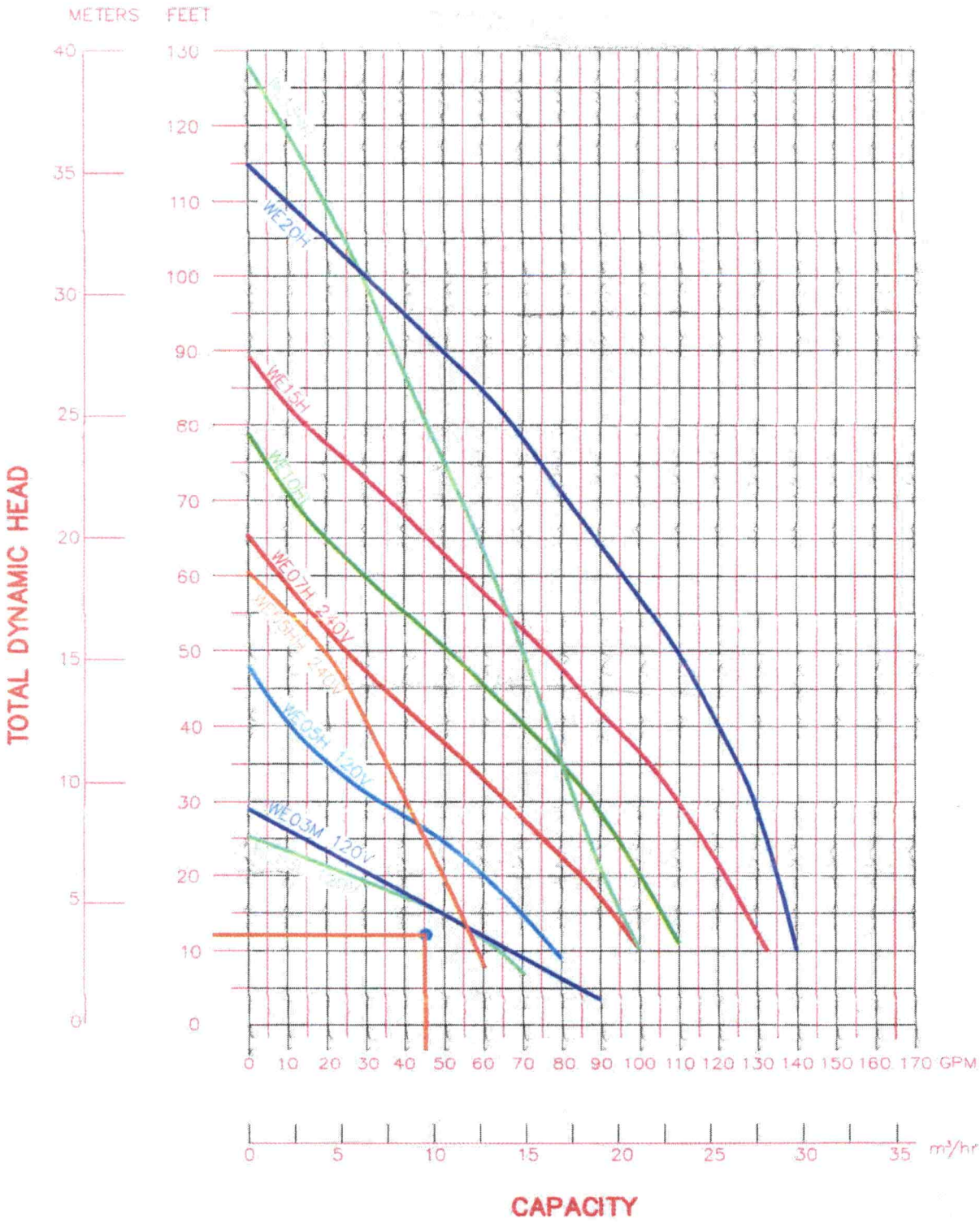
Comments:

1. Install system using 2 ft. wide trenches.
2. Install drainlines on 8 ft. centers (to be specified by the designer) and must be level and on contour.
3. System design requires effluent pump for distribution. Yes
4. Requires repair septic system. Yes
5. Maintanance Agreement Required Yes

Cells with blue shading require user input.

Cells with yellow shading are automatically calculated.

PUMP CURVE LOT 10
ROBINSON RIDGE



GOULDS PUMP PERFORANCE CURVES

Submersible Effluent Pump WE Series

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 2 of 2

PROPERTY ID #: 463822621?
DATE OF EVALUATION: 8-12-21
COUNTY: Iredell
Lot 10 Robinson Ridge

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 SAPRO CLASS	.1944 RESTR HORIZ	
pit 5	Repair 8.2% LL	16-0	FILL		NSE	60+	NSE	60	Repair 0.30
		16-60	C/WK/SBK/FR	S/P/SEAP					
pit 6	~~Repair~~ 8.2% LL	6-60	SAP/Rx						~~Repair~~ 0.30
			outside septic AREA						

COMMENTS:

Sheet 1 of 2
PROPERTY ID #:
COUNTY: IREDELL
4638226217

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

OWNER: MREC N Block
ADDRESS: 759 Concord Parkway South Concord NC 28027
PROPOSED FACILITY: 5 BR
PROPOSED DESIGN FLOW (.1949): 660
LOCATION OF SITE: 114 Hillside Cove Ct, Mooresville NC 28117, Lot 10
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut
APPLICATION DATE: 8-27-21
DATE EVALUATED: 8-27-21
PROPERTY SIZE: <100
PROPERTY RECORDED: AFTER 1983
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
4	LC 8-12%	15-0	Fill						
		15-58	c/WK/SAK	FF S/P/SEP	NONE	55	NONE	58	Drtd 0.30
2	8-12% LC	0-36	sicl/WK/FR/SBK	SS/SP/SEP					
		36-56	c/WK/SBK/FI	S/P/SEP	NONE	56	NONE	56	Drtd 0.30
3	LC 8-12%	0-28	sicl/WK/SBK/FI	SS/SP/SEP					
		28-63	c/WK/SBK/FI	S/P/SEP	NONE	63	NONE	63	Dr,Dr 0.30
1 4	Drtd LC 8-12%	[illegible]							
		0-18	sicl/WK/FR/SBK	NS/NP/SEP					Dr,Dr
		18-38	c/WK/SBK/FI	S/P/SEP	NONE	55			0.30

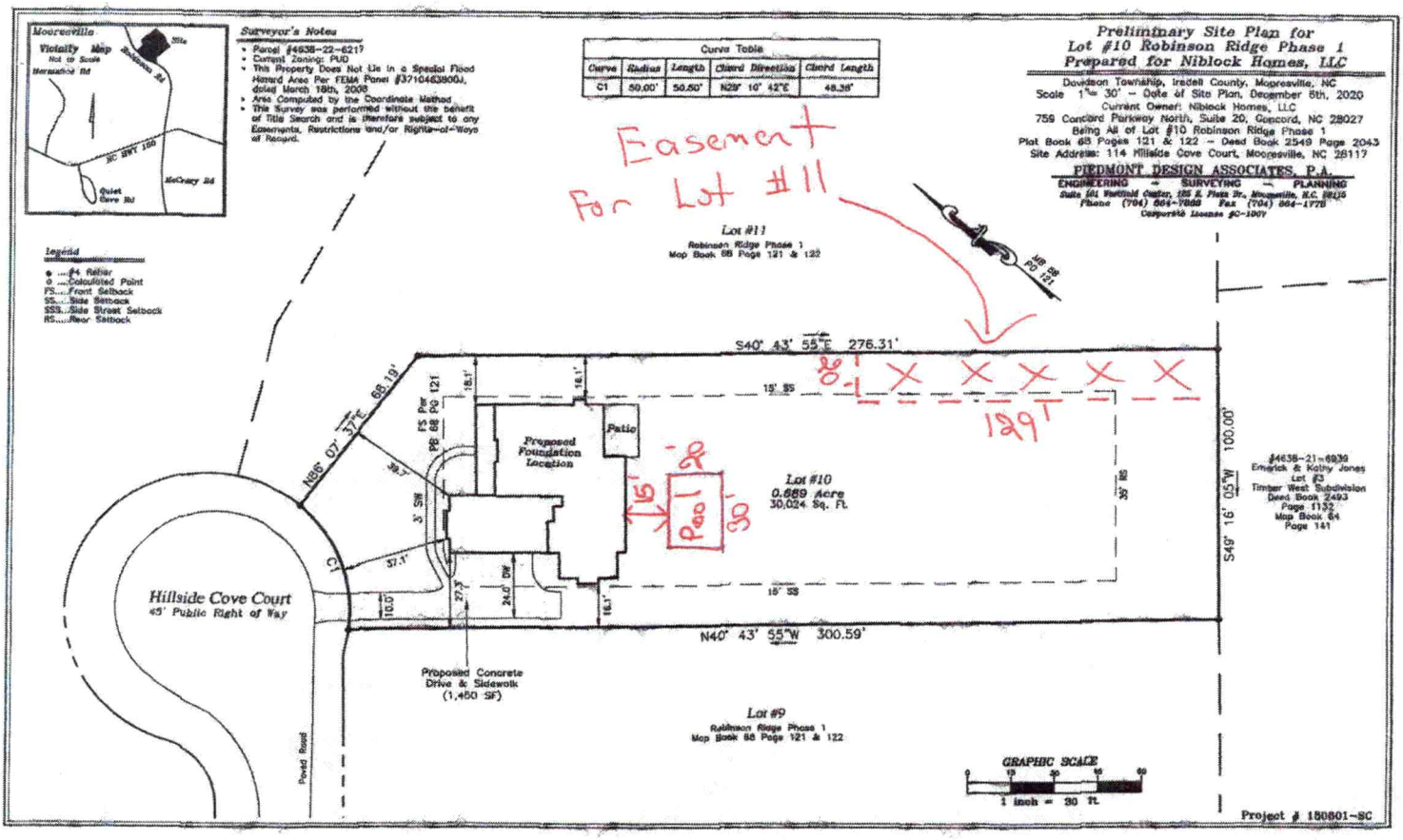
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	350	350+
System Type(s) Pressure	50% Reduction Pond Block	350 PT
Site LTAR	0.30	0.30

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

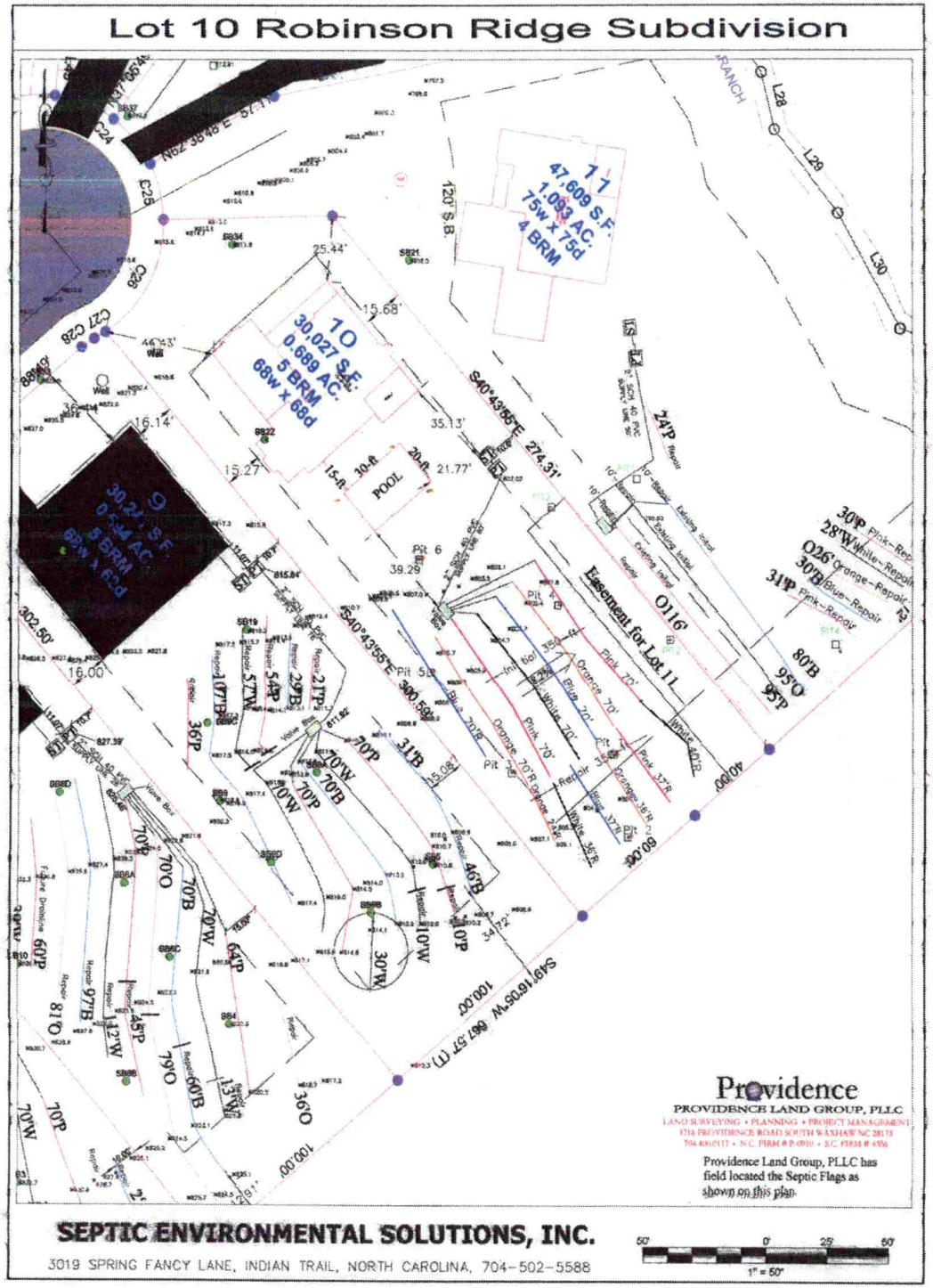
LICENSED SOIL SCIENTIST KENNETH L OWENS STATE OF NORTH CAROLINA 1134

COMMENTS:

Updated February 2014


Mooresville
Vicinity Map
Not to Scale
Site
Statesville Rd
Hermitage Rd
NC HWY 150
McCrary Rd
Quiet Cove Rd
Surveyor's Notes
• Parcel #4638-22-6217
• Current Zoning: PUD
• This Property Does Not Lie in a Special Flood Hazard Area Per FEMA Panel #3710463800J, dated March 18th, 2008
• Area Computed by the Coordinate Method
• This Survey was performed without the benefit of Title Search and is therefore subject to any Easements, Restrictions and/or Rights-of-Ways of Record.
Curve Table
Curve | Radius | Length | Chord Direction | Chord Length
C1 | 50.00' | 50.50' | N29° 10' 42"E | 48.36'
Easement For Lot #11
Preliminary Site Plan for
Lot #10 Robinson Ridge Phase 1
Prepared for Niblock Homes, LLC
Davidson Township, Iredell County, Mooresville, NC
Scale 1" = 30' - Date of Site Plan, December 6th, 2020
Current Owner: Niblock Homes, LLC
759 Concord Parkway North, Suite 20, Concord, NC 28027
Being All of Lot #10 Robinson Ridge Phase 1
Plat Book 68 Pages 121 & 122 - Deed Book 2549 Page 2043
Site Address: 114 Hillside Cove Court, Mooresville, NC 28117
PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING - SURVEYING - PLANNING
Suite 101 Fairfield Center, 105 E. Plaza Dr., Mooresville, N.C. 28115
Phone (704) 664-7888 Fax (704) 664-1778
Corporate License #C-1007
Legend
● ....#4 Rebar
⊕ ....Calculated Point
FS....Front Setback
SS....Side Setback
SSS...Side Street Setback
RS....Rear Setback
Lot #11
Robinson Ridge Phase 1
Map Book 68 Page 121 & 122
MB 68 PG 121
S40° 43' 55"E 276.31'
N86° 07' 37"E 68.19'
FS Per PB 68 PG 121
18.1'
15' BS
129'
Proposed Foundation Location
Patio
Pool
Lot #10
0.689 Acre
30,024 Sq. Ft.
3' SW
57.1'
C1
24.0' DW
27.3'
10.0'
18.1'
15' SS
S49° 16' 05"W 100.00'
N40° 43' 55"W 300.59'
#4638-21-6939
Emerick & Kathy Jones
Lot #3
Timber West Subdivision
Deed Book 2493
Page 1132
Map Book 64
Page 141
Hillside Cove Court
45' Public Right of Way
Paved Road
Proposed Concrete Drive & Sidewalk (1,450 SF)
Lot #9
Robinson Ridge Phase 1
Map Book 68 Page 121 & 122
GRAPHIC SCALE
0 15 30 45 60
1 inch = 30 ft.
Project # 180801-SC

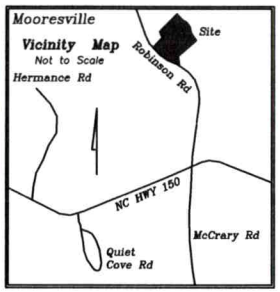
Lot 10 Robinson Ridge Subdivision



Preliminary Site Plan for Lot #10 Robinson Ridge Phase 1 Prepared for Niblock Homes, LLC

Davidson Township, Iredell County, Mooresville, NC
Scale 1"= 30' – Date of Site Plan, December 6th, 2020
Current Owner: Niblock Homes, LLC
759 Concord Parkway North, Suite 20, Concord, NC 28027
Being All of Lot #10 Robinson Ridge Phase 1
Plat Book 68 Pages 121 & 122 – Deed Book 2549 Page 2043
Site Address: 114 Hillside Cove Court, Mooresville, NC 28117

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING – SURVEYING – PLANNING
Suite 101 Westfield Center, 125 E. Plaza Dr., Mooresville, N.C. 28115
Phone (704) 664-7888 Fax (704) 664-1778
Corporate License #C-1007



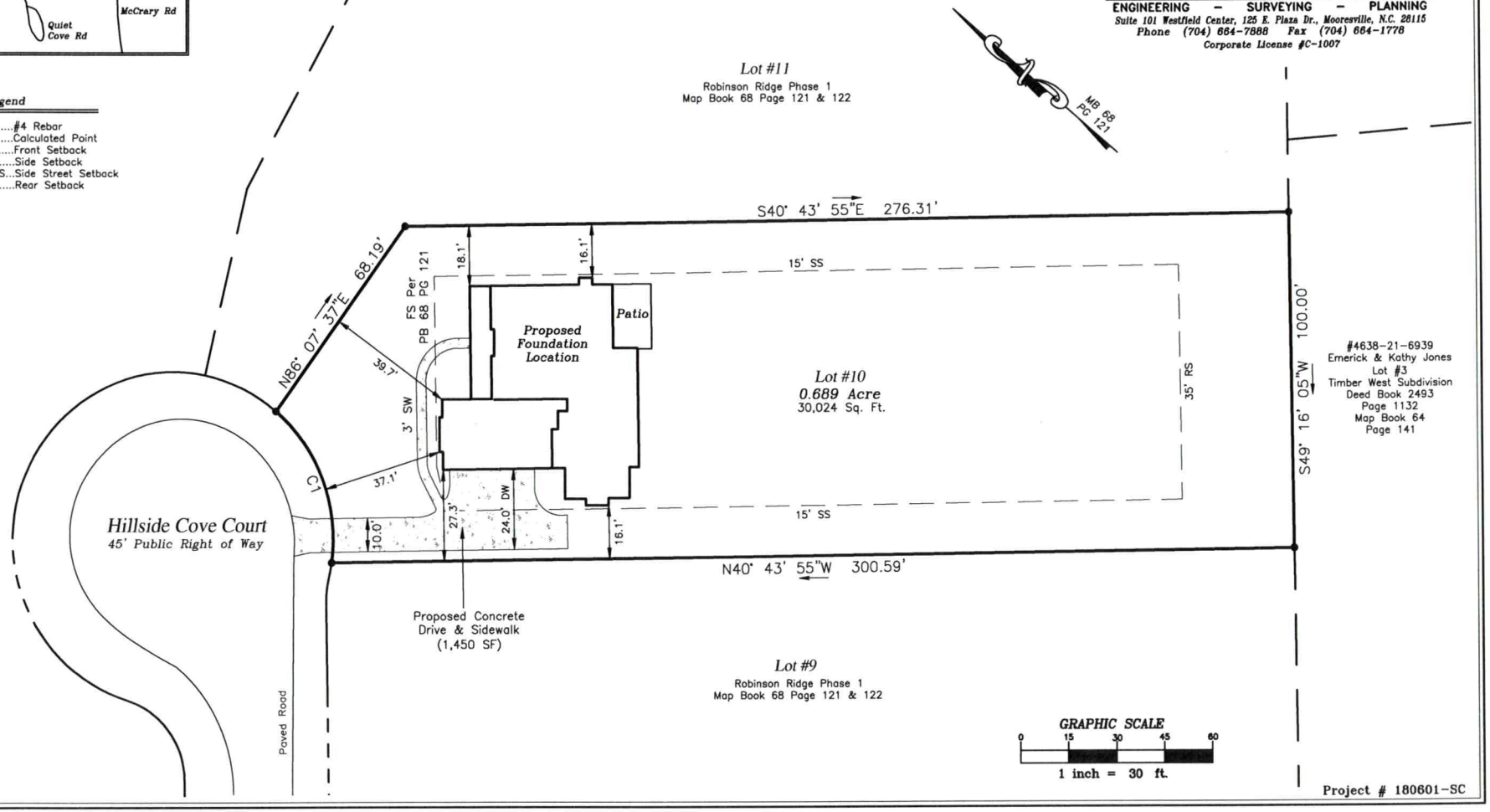
Surveyor's Notes

- Parcel #4638-22-6217
- Current Zoning: PUD
- This Property Does Not Lie in a Special Flood Hazard Area Per FEMA Panel #3710463800J, dated March 18th, 2008
- Area Computed by the Coordinate Method
- This Survey was performed without the benefit of Title Search and is therefore subject to any Easements, Restrictions and/or Rights-of-Ways of Record.

Curve Table				
Curve	Radius	Length	Chord Direction	Chord Length
C1	50.00'	50.50'	N29° 10' 42"E	48.38'

Legend

- ● ....#4 Rebar
- o ....Calculated Point
- FS.....Front Setback
- SS.....Side Setback
- SSS...Side Street Setback
- RS.....Rear Setback



GRAPHIC SCALE
0 15 30 45 60
1 inch = 30 ft.

Project # 180601-SC

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3623

PERMIT # AP 314886

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

PIN # 4638-22-62-17

APPLICANT/OWNER: Kirkland Homes

APPLICANT ADDRESS: 759 Concord Parkway N Ste 20 Concord, NC 28027

SITE ADDRESS: 14 Hillside Cove Ct Mooresville NC

PHONE: 704 920-7104 ALT. PHONE

SITE DIRECTIONS: Hwy 150 W. TR Robinson Rd TR Robinson Ridge TR Hillside Cove Ct

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Robinson Ridge

SECTION: LOT # 18 LOT AREA: 1.99 Ac.

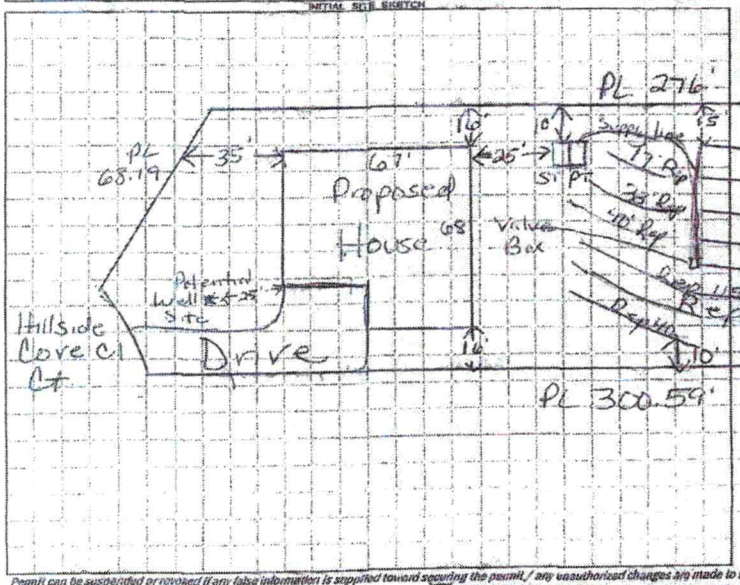
DESIGN FLOW: 660 gpd L.T.A.R.: .3

Septic Tank 1500 (gal) STB	Date	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI	☒ Residence	No. Bedrooms 5	Water Supply
Pump Tank 1500 (gal) PT	Date	System Description: LP PBPDS same	☐ Business	No. Persons 10	☒ Private
Pump Make	Model	Serial #	Repair System Description:	☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 5	Linear Ft: 350	Maintenance Agreement Required: ☒ YES ☐ NO	☐ Slab ☐ Crawl Space	☐ Community
Trench Width Min. 24"	Trench Bottom Depth (Low side) 28" Mid	Gravel Depth N/A	☐ GRAVITY ☒ PRESSURE	☒ Basement w/ plumbing	☐ Basement w/o plumbing

Comments / Conditions:

Supply line 2" sch 40 75 panels
Drill 35/32" holes 1 w/ 3.5ft head
Dose 288 gal Drawdown 4.93 Pump run 7.2 min

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL [illegible] BUSINESS DAY PRIOR TO the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

Scale 1:50

Authorization to Construct
FOR SEPTIC FINAL INSPECTION
CALL 704-664-3703

Balance = 0

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: 3/30/21

IMPROVEMENT PERMIT by: [signature] Date: 3/29/21

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 3/29/21

Installed by:

OPERATION PERMIT by: Date:

Existing System Inspected by: Date:

AGENT AUTHORIZATION FORM

PROPERTY LEGAL INFORMATION

PROPERTY OWNER NAME: Mr. Marc Niblock

PROPERTY STREET ADDRESS: 114 Hillside Cove Ct, Mooresville, North Carolina, 28117

TAX PARCEL ID: 4638226217

LOT #: 10

SECTION/PHASE: NA

I, Mr. Marc Niblock, am the legal owner of the property located at 114 Hillside Cove Ct, Mooresville, North Carolina, 28117 (address, subdivision and lot#). The tax parcel identification numbers(s) 4638226217, located in Iredell, North Carolina.

I do hereby authorize Mr. Kenneth Owens, Septic Environmental Solutions, Inc. (print agent and company name, if Applicable), to act as an agent on my behalf in applying for/signing/obtaining any of the documents Associated with Iredell County Environmental Health.

BUYER/PROPERTY OWNER ADDRESS (IF DIFFERENT THAN PROPERTY ABOVE):

_____

_____

CONTACT INFORMATION:_____

WE HEARBY CERTIFY THE ABOVE INFORMATION SUBMITTED IN THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE.

"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 Section11. (c)."

Marc C Nible

AUTHORIZED SIGNATURE

DATE: 8-25-2021

RECEIVED SEP 1 3 2021

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

AP-314886

Iredell County Health Department – Environmental Health Division

$1200.00

PAGE 1: *APPLICATION FORM* Session Law Pump

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: (X) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: MR. MARC WIBLOCK Address: 759 CONCORD PARKWAY SUITE 20, CONCORD, NC Zip: 28027
Applicant Email: MWiblockCPiblockHomes.com Phone: 704-201-6701 Alt. Phone: ---
Owner Name: MR MARC WIBLOCK Address: AS ABOVE Zip: ____
Owner Email: MWIBLOCKCWIBLOCKHOMES.COM Phone: 704-201-6701 Alt. Phone: ____

Property Information:

Street Address: 114 Hillside Cove Ct, MOORESVILLE, NC 28117
Subdivision Name: Robinson Ridge Section/Phase: AA Lot Number: LOT 70
Driving Directions: NC 150 W TO R ON Robinson Rd, R on Robinson Ridge Rd R onto Hillside Cove Ct on R.

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

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) 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: ____
Non-Residential Site Development: Type of Business: N/A
Square Footage of Building: ____ Max. Number of Employees: ____ Max. Number of Seats/Beds/Other: ____

CHECK FOUNDATION TYPE
( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(X) Basement with Plumbing
( ) Basement without Plumbing

Water Supply: ( ) Replacement Well – Reason: ____
( ) Multi-connection Well Number of Homes: N/A Number of Persons: ____
( ) New Well ( ) 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 ( ) 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.

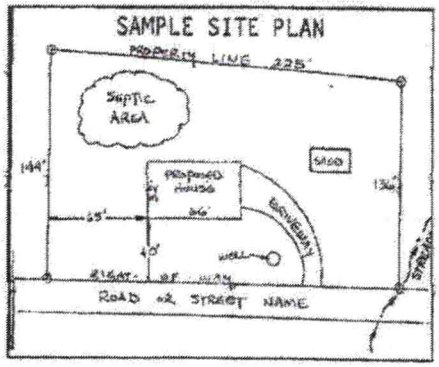
Signature: Marc C. Wiblock 8-25-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

- ( ) Property Line measurements are clearly identified
- ( ) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location and 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

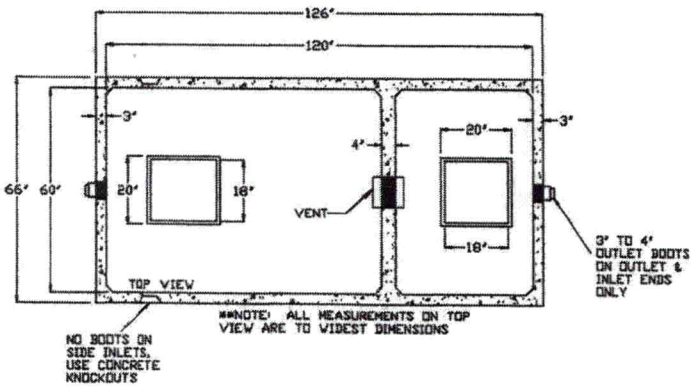
USE THIS SPACE TO DRAW YOUR SITE PLAN

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: Mary C. Yoder 8-25-21

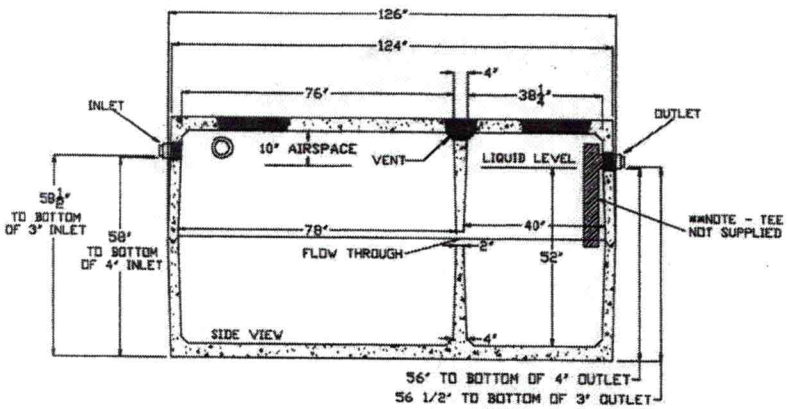
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

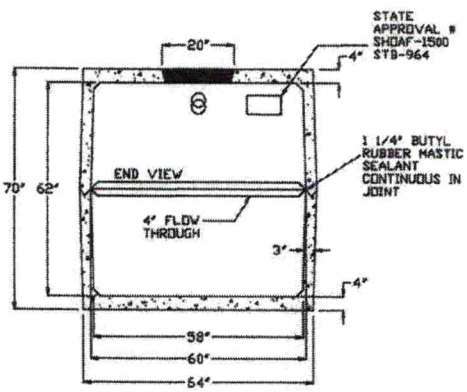


SHOAF PRECAST SEPTIC INC.
4130 WEST US HWY 64
LEXINGTON, NC 27295
PHONE (336) 787-5826
FAX (336) 787-2826
WWW.SHOAFPRECAST.COM
SHOAF-1500 NON TRAFFIC RATED
STB-964 NON TRAFFIC
LIQUID CAPACITY-1500 US GALLONS/10" AIRSPACE
TANK HEIGHT-70"
BOTTOM OF TANK TO CENTER OF INLET-60"
BOTTOM OF TANK TO CENTER OF OUTLET-58"
LENGTH TO WIDTH RATIO-2 TO 1
SIZE OF INLET & OUTLET-3" OR 4" PIPE
TYPE OF INLET & OUTLET-POLYLOCK OR EQUAL (MEETS ASTN C-923)
CONCRETE PSI-4000, TANK WEIGHT-12,000 LBS.
REINFORCEMENT PER STATE CODE

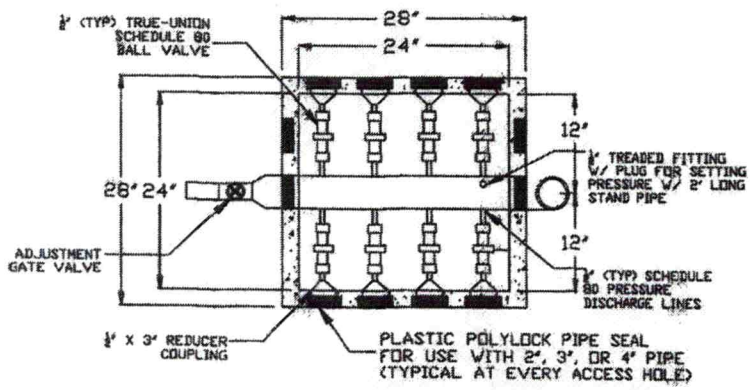
MODEL: MS 1500 STB
NON TRAFFIC
1500 Gallon Septic Tank

SCALE - N.T.S.





**NOTE-TOP VIEW MEASUREMENTS ARE TO THE WIDEST DIMENSIONS

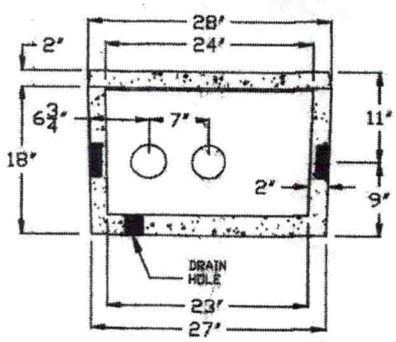


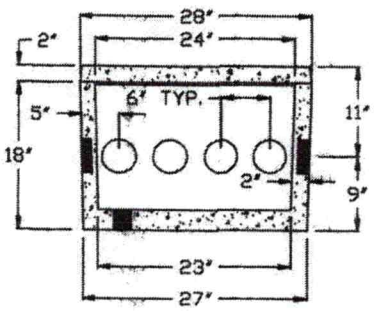
SMALL MANIFOLD BOX
NON TRAFFIC

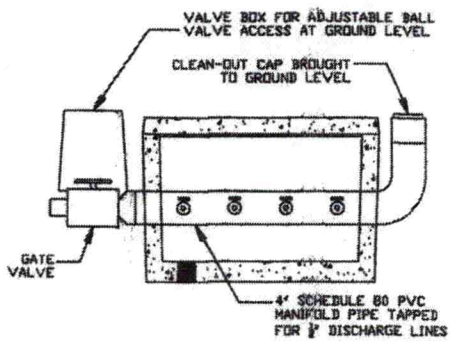
SHOAF PRECAST SEPTIC INC.
4130 WEST US HWY 64
LEXINGTON, NC 27295
PHONE (336) 787-5826
FAX (336) 787-2826
WWW.SHOAFPRECAST.COM
CONCRETE PSI-4,000
REINFORCING PER STATE CODE
MANIFOLD HEIGHT-20"

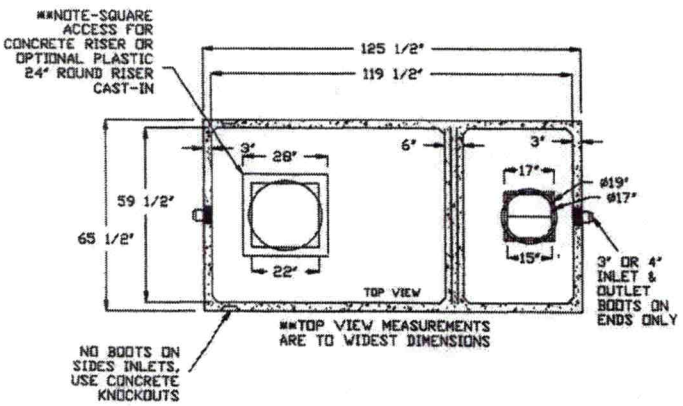
SCALE - N.T.S.

**NOTE-PRESSURE MANIFOLD AVAILABLE W/ 2 TO 8 DISCHARGE LINES





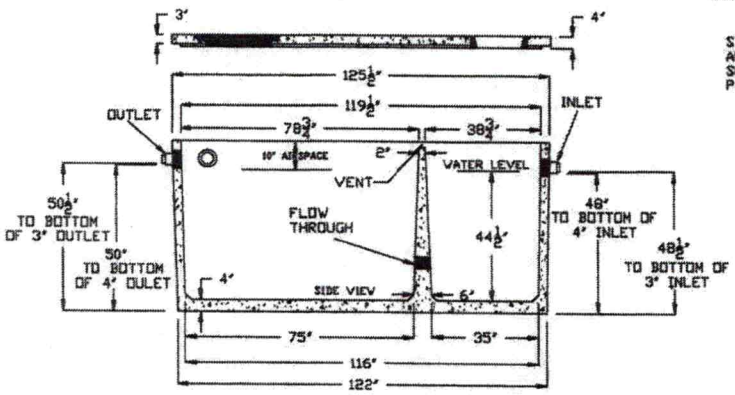


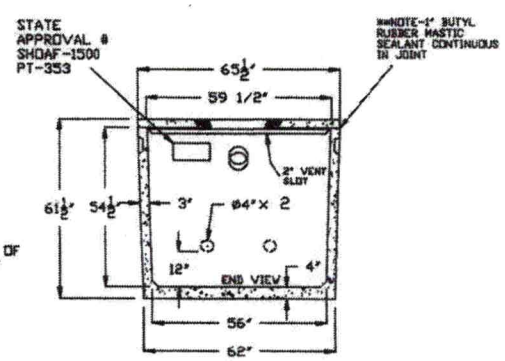


SHOAF PRECAST SEPTIC INC.
4130 WEST US HWY 64
LEXINGTON, NC 27295
PHONE (336) 787-5826
FAX (336) 787-2826
WWW.SHOAFPRECAST.COM
SHOAF-1,500 PUMP TANK
PT-353
LIQUID CAPACITY-1,518 GALLONS INCLUDING 10" AIRSPACE
GALLONS PER INCH-27.85 (AVERAGE)
TANK HEIGHT-61 ¼"
BOTTOM OF TANK TO CENTER OF INLET-50"
BOTTOM OF TANK TO CENTER OF OUTLET-52"
LENGTH TO WIDTH RATIO-2 TO 1
SIZE OF INLET & OUTLET-3" OR 4" PIPE
TYPE OF INLET & OUTLET-POLYLOCK OR EQUAL (MEETS ASTM C-923)
CONCRETE PSI-4000; TANK WEIGHT- 11,000 LBS.
REINFORCEMENT PER STATE CODE

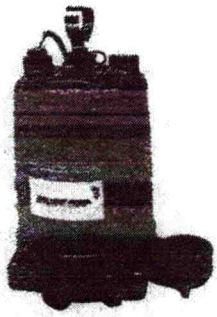
MODEL: TS 1500 PT
NON TRAFFIC
1500 Gallon Pump Tank

SCALE - N.T.S.





GOULDS PUMPS



Submersible Effluent Pump

MODEL 3885

WE Series

PROSURANCE AVAILABLE FOR RESIDENTIAL APPLICATIONS.

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Farms
- Trailer courts
- Motels
- Schools
- Hospitals
- Industry
- Effluent systems

SPECIFICATIONS

Pump

- Solids handling capabilities: ¾" maximum.
- Discharge size: 2" NPT.
- Capacities: up to 140 GPM.
- Total heads: up to 126 feet TDH.
- Temperature: 104°F (40°C) continuous 140°F (60°C) intermittent.
- See order numbers on reverse side for specific HP, voltage, phase and RPM's available.

FEATURES

■ **Impeller:** Cast iron, semi-open, non-clog with pump-out vanes for mechanical seal protection. Balanced for smooth operation. Silicon bronze impeller available as an option.

■ **Casing:** Cast iron volute type for maximum efficiency. 2" NPT discharge.

■ **Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE** sealing faces. Stainless steel metal parts, BUNA-N elastomers.

■ **Shaft:** Corrosion-resistant, stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

■ **Fasteners:** 300 series stainless steel.

■ Capable of running dry without damage to components.

■ Designed for continuous operation when fully submerged.

MOTORS

■ Fully submerged in high-grade turbine oil for lubrication and efficient heat transfer.

■ **Class B insulation on** ½-1½ HP models.

■ **Class F insulation on 2 HP** models.

Single phase (60 Hz):

- Capacitor start motors for maximum starting torque.
- Built-in overload with automatic reset.
- SJTOW or STOW severe duty oil and water resistant power cords.
- ½ and ½ HP models have NEMA three prong grounding plugs.
- ¾ HP and larger units have bare lead cord ends.

Three phase (60 Hz):

- Class 10 overload protection must be provided in separately ordered starter unit.
- STOW power cords all have bare lead cord ends.

■ **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged.

■ **Bearings:** Upper and lower heavy duty ball bearing construction.

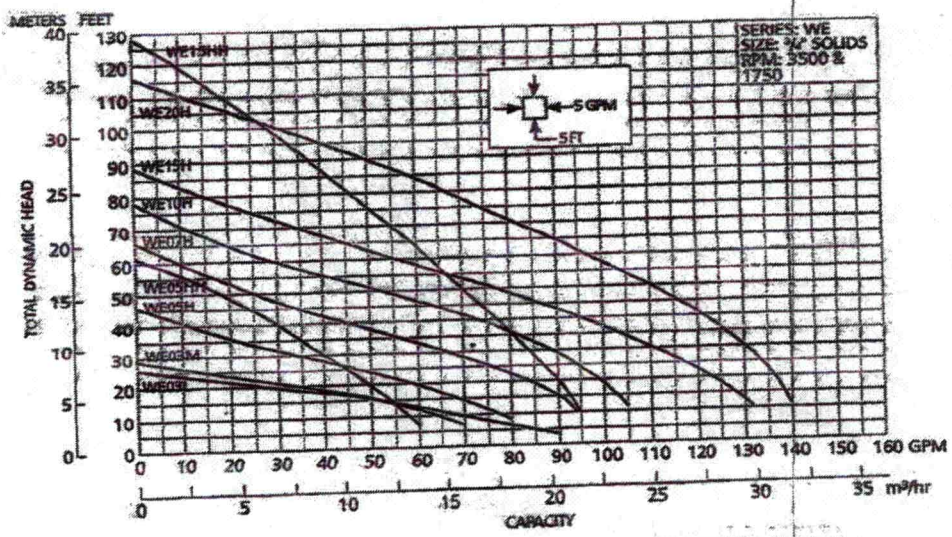
■ **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.

■ **O-ring:** Assures positive sealing against contaminants and oil leakage.

AGENCY LISTINGS

Tested to UL 778 and CSA 22.2 108 Standards By Canadian Standards Association File #LR38549

Goulds Pumps is ISO 9001 Registered.



Goulds Pumps

ITT Industries

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Effective July, 2003
83885

www.goulds.com

GOULDS PUMPS

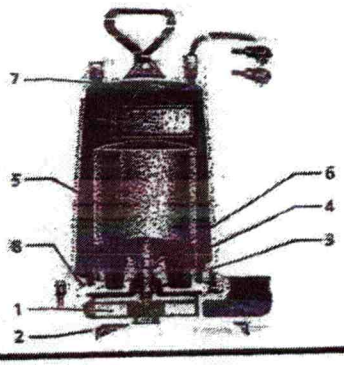
Submersible Effluent Pump

MODEL 3885

WE Series

COMPONENTS

Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Ball Bearings
7	Power Cable
8	Casing O-Ring



MODELS

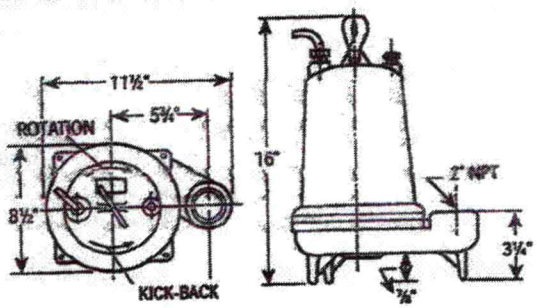
Order No.	HP	Volts	Phase	Max. Amp.	RPM	Solids	WL (lbs.)
WE0311L	⅓	115	1	10.7	1750	¾"	56
WE0318L		208		6.3			
WE0312L		230		4.9			
WE0311M		115		10.7			
WE0318M		208		6.8			
WE0312M		230		4.9			
WE0511H	½	115	1	14.5	3500		60
WE0518H		208		8.1			
WE0512H		230		7.3			
WE0538H		200	3	4.9			
WE0532H		230		3.3			
WE0534H		460		1.7			
WE0537H		575		1.4			
WE0511HH		115	1	14.5			
WE0518HH		208		8.1			
WE0512HH		230		7.3			
WE0538HH		200	3	4.9			
WE0532HH		230		3.6			
WE0534HH		460		1.8			
WE0537HH		575		1.5			
WE0718H	¾	208	1	11.0			70
WE0712H		230		10.0			
WE0738H		200	3	6.2			
WE0732H		230		5.4			
WE0734H		460		2.7			
WE0737H		575		2.2			
WE1018H	1	208	1	14.0			
WE1012H		230		12.5			
WE1038H		200	3	8.1			
WE1032H		230		7.0			
WE1034H		460		3.5			
WE1037H		575		2.8			
WE1518H	1½	208	1	17.5			80
WE1512H		230		15.7			
WE1538H		200	3	10.6			
WE1532H		230		9.2			
WE1534H		460		4.6			
WE1537H		575		3.7			
WE1518HH		208	1	17.5			
WE1512HH		230		15.7			
WE1538HH		200	3	10.6			
WE1532HH		230		9.2			
WE1534HH		460		4.6			
WE1537HH		575		3.7			
WE2012H	2	230	1	18.0			83
WE2038H		200	3	12.0			
WE2032H		230		11.6			
WE2034H		460		5.8			
WE2037H		575		4.7			

PERFORMANCE RATINGS (gallons per minute)

Total Head Feet of Water	Order No.	WE03L	WE03M	WE05H	WE07H	WE10H	WE15H	WE05HH	WE15HH	WE20H
	HP	⅓	⅓	½	¾	1	1½	½	1½	2
	RPM	1750	1750	3500	3500	3500	3500	3500	3500	3500
	5	86	–	–	–	–	–	–	–	–
	10	70	63	78	–	–	–	58	–	–
	15	52	50	70	90	–	–	53	–	–
	20	27	35	60	83	98	123	49	90	136
	25	–	–	48	76	94	117	45	87	133
	30	–	–	35	67	88	110	40	83	130
	35	–	–	20	57	82	103	35	80	126
	40	–	–	–	45	74	95	30	77	121
	45	–	–	–	35	64	86	25	74	116
	50	–	–	–	25	53	77	–	70	110
	55	–	–	–	–	40	67	–	66	103
	60	–	–	–	–	30	56	–	63	96
	65	–	–	–	–	20	45	–	58	89
	70	–	–	–	–	–	35	–	55	81
	75	–	–	–	–	–	25	–	51	74
	80	–	–	–	–	–	–	–	47	66
	90	–	–	–	–	–	–	–	37	49
	100	–	–	–	–	–	–	–	28	30

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



Goulds Pumps and the ITT Engineered Blocks Symbol are registered trademarks and tradenames of ITT Industries.

PRINTED IN U.S.A.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

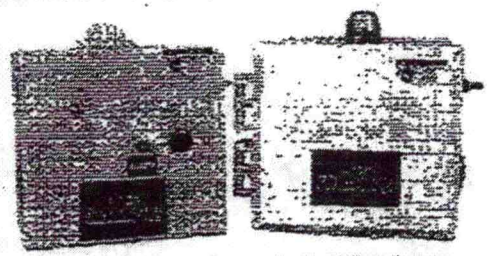
Goulds Pumps

ITT Industries

MODEL 112 Control Panel

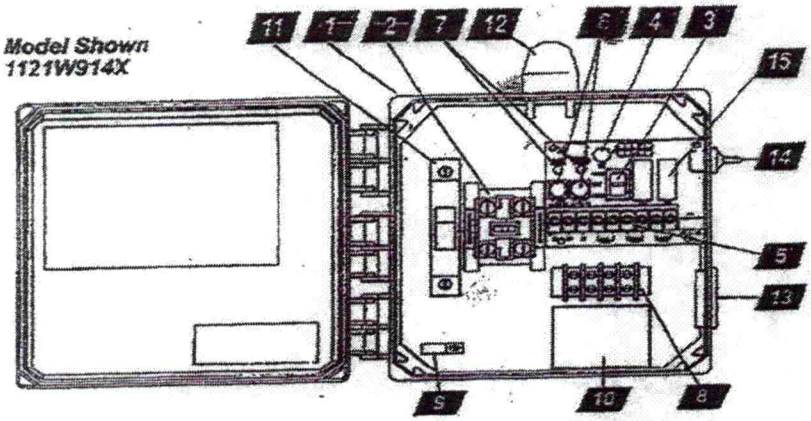
Single phase, simplex motor contactor control.

The Model 112 control panel provides a reliable means of controlling one 120, 208, or 240 VAC single-phase pump in pump chambers, sump pump basins, irrigation systems and lift stations. Two control switches activate a magnetic motor contactor to turn the pump on and off. If an alarm condition occurs, an additional alarm switch activates the audio/visual alarm system.



Indoor *Indoor/outdoor*

Model Shown
1121W914X



1. **Enclosure** measures 8 x 8 x 4 inches (20.32 X 20.32 X 10.16 cm). Choice of NEMA 1 (steel for indoor use), or NEMA 4X (ultraviolet stabilized thermoplastic with removable flanges for outdoor or indoor use).
   - Options selected may increase enclosure size and change component layout.
2. **Magnetic Motor Contactor** controls pump by switching hot electrical lines.
3. **HOA Switch** for manual pump control (mounted on circuit board).
4. **Green Pump Run Indicator Light** (mounted on circuit board).
5. **Float Switch Terminal Block** (mounted on circuit board).
6. **Alarm and Control Fuses** (mounted on circuit board).
7. **Alarm and Control Power Indicators** (mounted on circuit board).
8. **Pump Input Power and Pump Connection Terminal Block**
9. **Ground Lug**
10. **Terminal Block Installation Label**
11. **Circuit Breaker** (optional) provides pump disconnect and branch circuit protection.

STANDARD ALARM PACKAGE (other options available)

12. **Red Alarm Beacon** provides 360° visual check of alarm condition. **Note:** NEMA 1 style utilizes a door mounted indicator in lieu of a beacon.
13. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating). **Note:** NEMA 1 style utilizes an internally mounted buzzer (83 to 85 decibel) in lieu of horn.
14. **Exterior Horn Test/Normal/Silence Switch** allows alarm horn to be silenced and testing of horn and light to ensure proper operation of alarm system.
15. **Horn Silence Relay** automatically resets alarm after alarm condition has been resolved (mounted on circuit board).

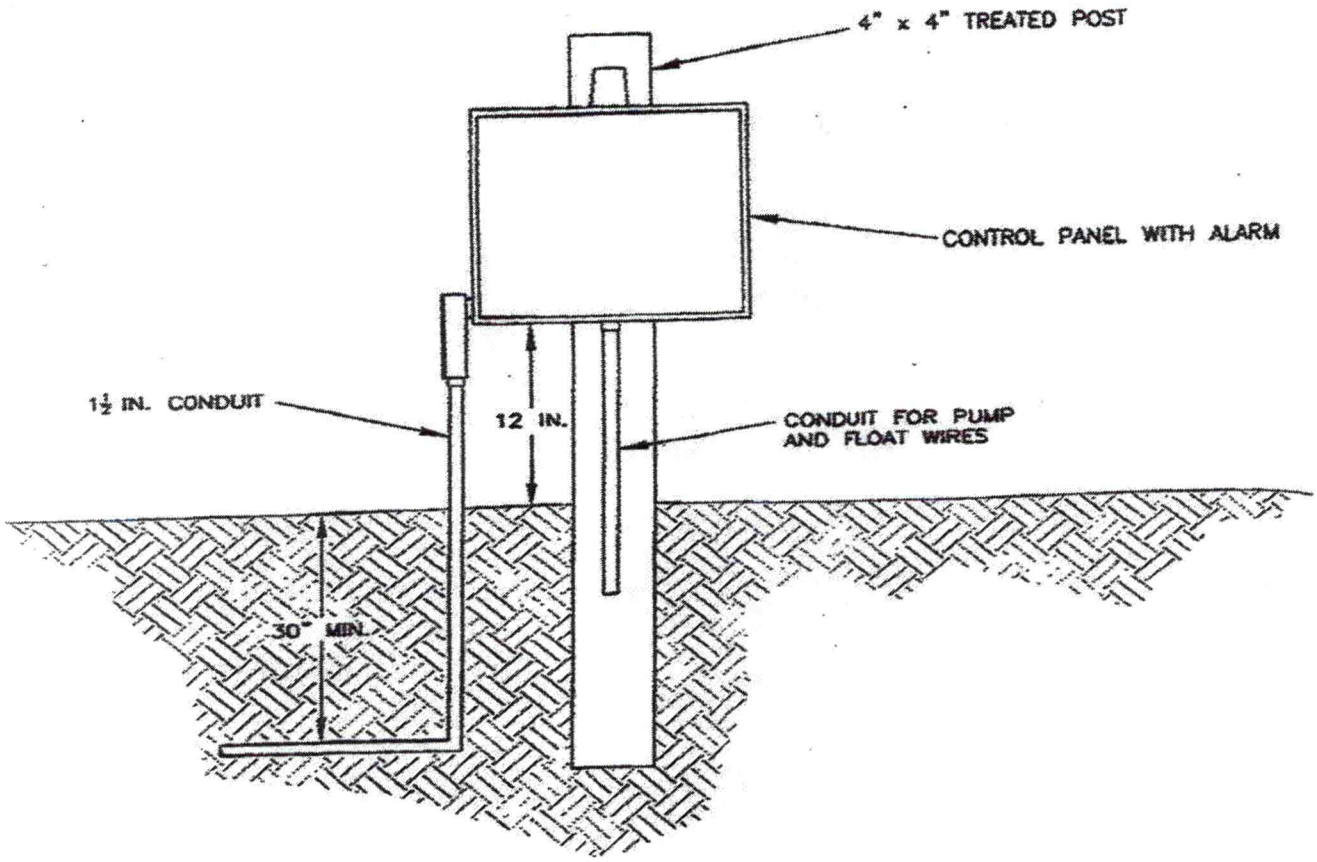
FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes three 20' Sensor Float® control switches
- Complete with step-by-step installation instructions
- Three-year limited warranty

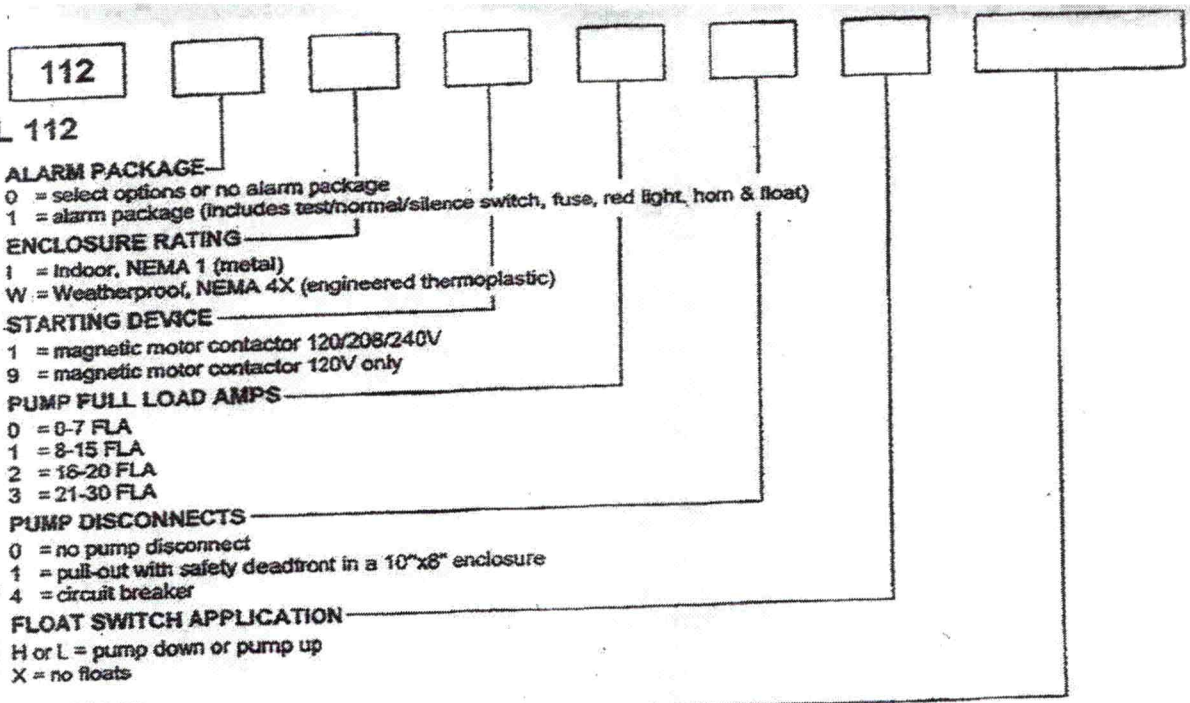
c UL us LISTED

SJE Rhombus Controls
SJ Electro Systems, Inc.
PO Box 1708, Detroit Lakes, MN 56502
1-888-DIAL-SJE 1-218-847-1317
1-218-847-4617 Fax
email: sje@sjerhombus.com
www.sjerhombus.com

ELECTRIC BOX



NOTES: ELECTRICAL SYSTEM COMPONENTS SHALL BE INSTALLED TO MEET OR EXCEED MINIMUM REQUIREMENTS SPECIFIED IN THE ELECTRICAL CODE. ALL WIRING SHALL BE #12 MINIMUM, AND RATED FOR DIRECT BURY. PROVIDE GROUNDING AS REQUIRED, AND PROVIDE 30" MINIMUM BURY ON CABLES. PROVIDE ONE 20 AMP, DOUBLE POLE, 230 VOLT CIRCUIT BREAKER (FOR PUMP), AND ONE 20 AMP, SINGLE POLE, 115 VOLT CIRCUIT BREAKER (FOR ALARM) IN MAIN PANEL.



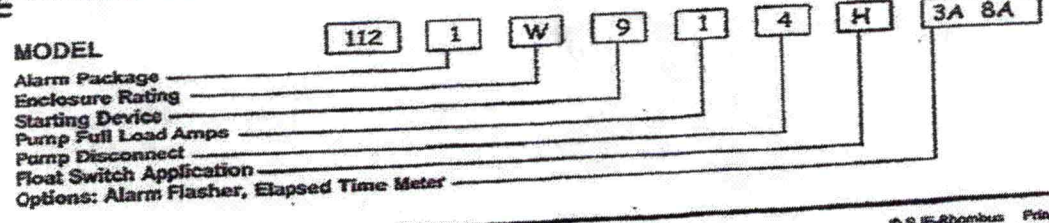
If additional features are required, call the factory for a quote on either a Pro-Line or Engineered Custom control panel system.

	CODE	DESCRIPTION
☐	1A	Red beacon only / no audio *must select 1E if floats included*
☐	1C	Horn only / no visual *must select 1E if floats included*
☐	1E	Alarm float
☐	3A	Alarm flasher
☐★	4A	Low level cutout *select option 4D if floats included*
☐★	4B	Red low-level indicator & alarm *must select 4A also*
☐	4D	Low-level float
☐	6A	Auxiliary alarm contact, form C type
☐★	8A	Elapsed time meter
☐★	8C	Event (cycle) counter
☐	10E	Lockable latch - NEMA 4X
☐	10E	Lockable latch - NEMA 1
☐★	10F	Lightning arrester
☐★	10K	Anti-condensation heater

	CODE	DESCRIPTION
☐	11C	NEMA 1 alarm panel *must select option 6A*
☐	11D	NEMA 4X alarm panel *must select option 6A*
☐	15A	Control / alarm circuit breaker *Does not include the circuit board as in standard.*
☐	16A	10' cord in lieu of 20'
☐	16B	15' cord in lieu of 20'
☐	16C	30' cord in lieu of 20'
☐	16D	40' cord in lieu of 20'
☐	17A	SJE SignalMaster® / mounting strap ●
☐	17B	SJE SignalMaster® / externally weighted ●
☐	17C	Sensor Float® / internally weighted ▲
☐	17D	Sensor Float® / externally weighted ▲
☐	17E	Sensor Float® Mini / pipe clamp ▲
☐	17F	Sensor Float® Mini / externally weighted ▲
☐	19X	Door mounted pump run indicator
☐	21A	Pumpmaster® in lieu of on/off switches ●
☐	21B	PumpMaster® Plus in lieu of on/off switches ●
☐	21C	Super Single® in lieu of on/off switches ▲
☐	21D	Double Float™ in lieu of on/off switches ▲

● Mechanically-activated ▲ Mercury-activated

SAMPLE



© SJE-Rhombus Printed in USA 01/00

SENSOR FLOAT® control switch

Mercury-activated, narrow-angle float switch designed to activate pump control panels and alarms.



This narrow-angle sensing device is used to accurately monitor liquid levels in sewage and non-potable water applications. The Sensor Float® control switch is not sensitive to rotation and is suitable for use with intrinsically safe circuits. Contact SJE-Rhombus regarding specific intrinsically safe applications.

Normally Open Model (high level)
The control switch turns on (closes) when the float tips slightly above horizontal signaling a high level, and turns off (opens) when the float drops slightly below horizontal.

Normally Closed Model (low level)
The control switch turns on (closes) when the float drops slightly below horizontal signaling a low level, and turns off (opens) when the float tips slightly above horizontal.

FEATURES

- Suitable for use with intrinsically safe circuits.
- Not sensitive to rotation.
- Control differential of .5 inches (1 cm) above or below horizontal.
- UL Listed for use in non-potable water and sewage.
- CSA Certified.
- Three-year limited warranty.

OPTIONS

This switch is available:

- for normally open (high level) applications or normally closed (low level) applications.
- in standard cable lengths of 10, 15, 20, or 30 feet and 3, 5, 6, or 10 meters.
- with three mounting options that allow for flexibility in installation:

  Mounting Clamp: for applications where the switch can be attached to a discharge pipe or similar mounting device.

  Internally Weighted: for applications where the switch can be suspended from above.

  Externally Weighted: for applications where the switch can be suspended from above.

SPECIFICATIONS

CABLE: flexible 18 gauge, 2 conductor (UL,CSA) SJOW, water-resistant (CPE) jacket

FLOAT: 3.38 inch diameter x 4.55 inch long (8.58 cm x 11.56 cm), high-impact, corrosion resistant, PVC housing for use in sewage and non-potable water up to 140°F (60°C)

MAXIMUM WATER DEPTH: 30 feet (9 meters), 13 psi

MERCURY TILT SWITCH: single pole, single throw, mercury-to-mercury contacts, hermetically sealed in a steel capsule and epoxy sealed in the float housing

ELECTRICAL: 5 amp, 120/230 VAC, 50/60 Hz

CONTROLS
SJE Rhombus
SJ ELECTRO SYSTEMS, INC.
PO Box 1708, Detroit Lakes, MN 56502
1-888-DIAL-SJE (1-218-847-1317
1-218-847-4617 Fax
email: sje@sjerhombus.com
www.sjerhombus.com

Sensor Float® control switch installation instructions

⚠WARNING **ELECTRICAL SHOCK HAZARD**
Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

⚠WARNING **EXPLOSION OR FIRE HAZARD**
Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

MOUNTING THE SWITCH

1. Place the cord into the clamp as shown in Figure B.
2. Locate clamp at desired activation level and secure the clamp to the discharge pipe as shown in Figures A and B. Note: Do not install cord under hose clamp.
3. Tighten the hose clamp using a screwdriver. Over tightening may result in damage to the plastic clamp. Make sure the float cable is not allowed to touch the excess hose clamp band during operation.
4. Bring cable leads back to control device and wire according to Figure C.
5. Check installation. Allow system to cycle to insure proper operation.

Note: All hose clamp components are made of 18-8 stainless steel material. See your SJE-Rhombus supplier for replacements.

Figure A

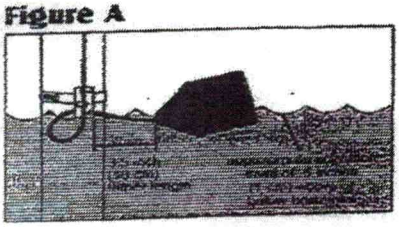
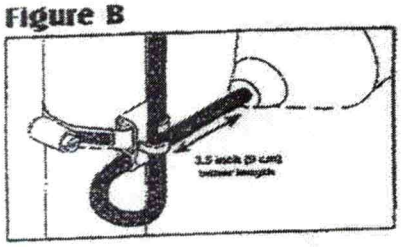


Figure B



INTERNAL WEIGHT

1. Determine desired activation level.
2. Suspend switch 7 inches (18 cm) below desired activation level as shown in Figure D. Switch remains partially submerged during the "on" tipping action. Switch can be totally submerged and still continue to operate properly.
3. Wire cable leads directly into control device as shown in Figure C.
4. Check installation. Allow system to cycle to insure proper operation.

Figure C - Wiring Diagram

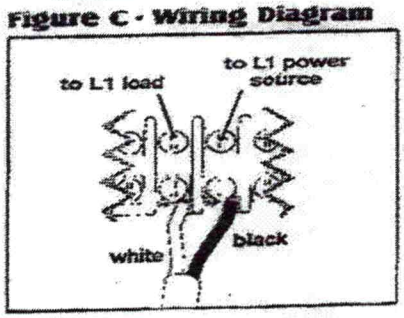
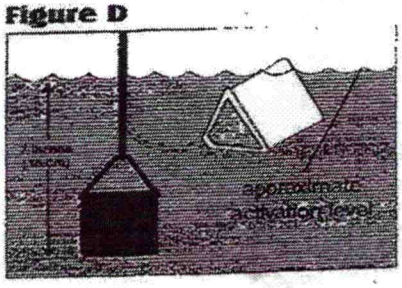


Figure D



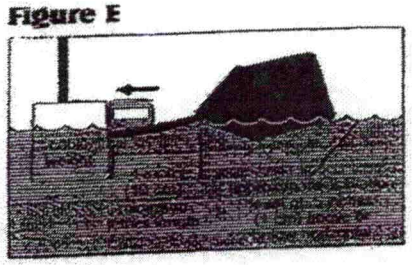
CABLE WEIGHT

1. Determine desired activation level.
2. Suspend switch and cable weight at desired activation level as shown in Figure E.
3. Wire cable leads directly into control device as shown in Figure C.
4. Check installation. Allow system to cycle to insure proper operation.

Cable weight is attached to switch cable at the factory. To adjust:

1. Release clip.
2. Adjust cable weight to desired position.
3. Lay switch cable in weight channel.
4. Align clip with weight channel and slide towards switch cable as shown in Figure E.
5. Snap clip snugly up to cable, moving clip to tightest possible position.

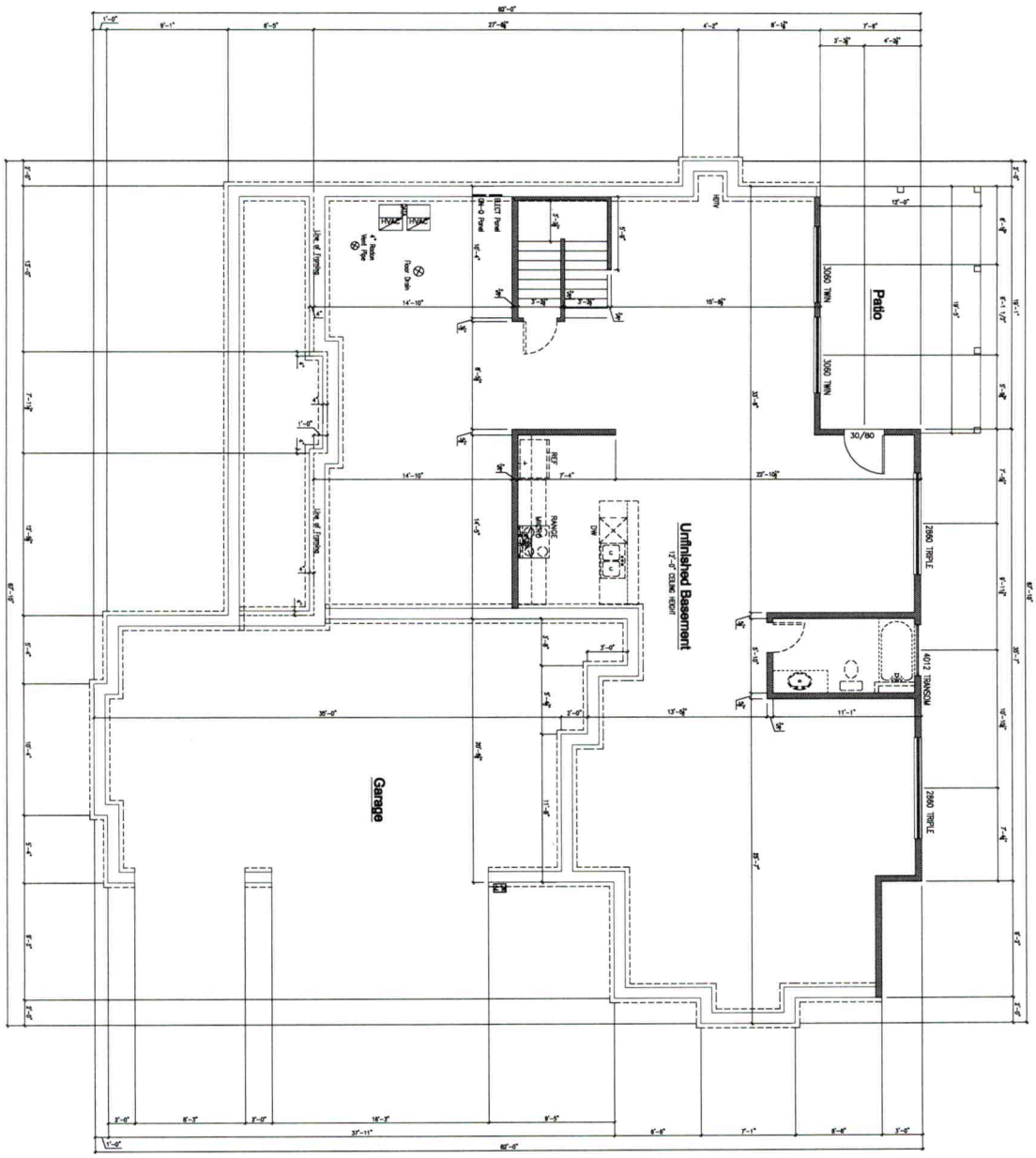
Figure E



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Acknowledgement of
Plans Submittal ONLY!

Date

Date

REVISION DATES:

DATE: 11/24/2020
PLAN: WINDSOR-D

DRAWN BY: BL
ESTIMATED BY: AK
CHECKED BY: MN

BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0" (34X22)
SCALE: 1/8" = 1'-0" (17X11)

Robinson Ridge Lot #10
Niblock Homes Inventory

NIBLOCK DEVELOPMENT CORPORATION
759 CONCORD PARKWAY NORTH SUITE 20
CONCORD, NC 28027
(704) 788-4818 FAX (704) 784-3720

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, MARC Niblock, am the legal owner(s) of the property located at LOT 10 114 Hillside Cove CT, Mooresville NC 28117, identified as PIN (Parcel Identification Number) 4638226217, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Kenneth L. Arwood, Septic Environmental Solutions, 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.

Marc C Niblock
Signature of Owner(s)

8-25-21
Date

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