11:30

(DK)

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 225827

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

PIN # 4659151843

APPLICANT/OWNER: LINDA WEBSTER / THOMAS WEBSTER ETAL APPLICANT ADDRESS: 136 EARLY FROST LANE, MOORESVILLE, NC. 28115

SITE ADDRESS: 136 EARLY FROST LANE, MOORESVILLE, N.C. 28115 PHONE: 704-798-0880 ALT. PHONE 704-799-5955

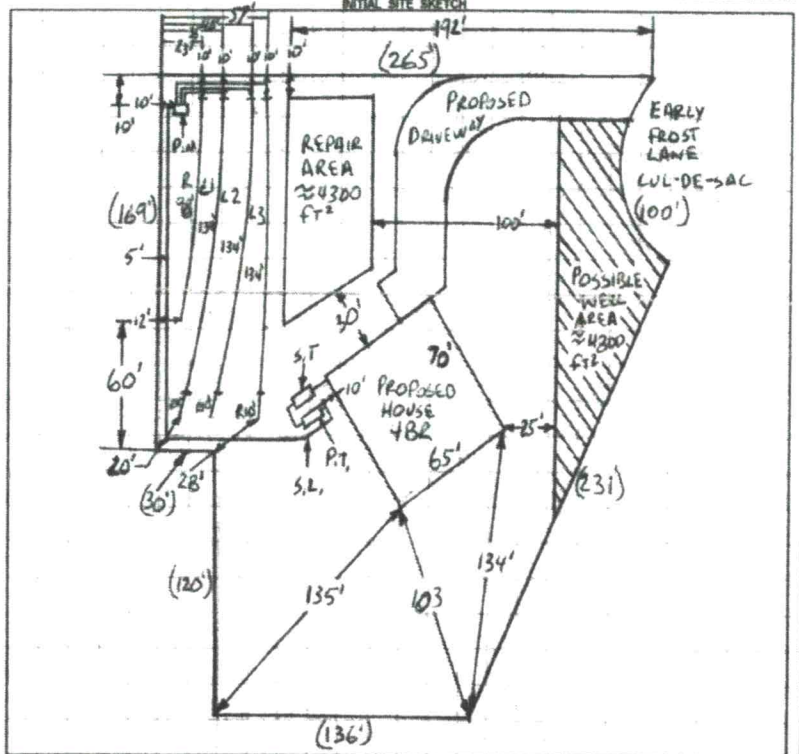
SITE DIRECTIONS: (S) ON 21, (R) ON CLEARSPRINGS, (L) ON AUTUMN GROVE, (R) ON EARLY FROST, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: AUTUMN GROVE SECTION: P2 LOT # 28-29 LOT AREA: 1.44 AC DESIGN FLOW: 480 GPD L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4	Water Supply
Pump Tank	1000	(gal)	PT	363 Inst	Date 4-12	System Description: 25% REDUCTION				☐ Business	No. Persons 8	☑ Private
Pump Make		Model			Serial #	Repair System Description: 25% REDUCTION				☐ Other	No. Employees —	☐ Public
# Nitrification Fields	1	# Lines	3		Linear Ft 402	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space	☐ Community
Trench Width	36IN	Trench Bottom Depth(Low side)	23 IN		Gravel Depth —		☐ GRAVITY	☑ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS UTILIZE PARALLEL DISTRIBUTION (PRESSURE MANIFOLD) DO NOT EXCEED A 32 IN MAX TRENCH BOTTOM, TANKS MUST BE INSTALLED UNDER FOUNDATION DRAIN - TRAFFIC RATED TANK REQUIRED IF IS DEEPER THAN 36IN BELOW FINISHED GRADE

INITIAL SITE SKETCH



Needs Filter + Tank Date
6/24 - Lines Checked.

11/23 - Pressurized Sht
B.B.

TAPS
L1 = ½ SCH 40
L2 = ½ SCH 40
L3 = ½ SCH 40
DOSE VOLUME = 175 GAL
DRAW DOWN = 8IN
RUN TIME = 8.5 MIN
GPM = 21.33

1IN = 80FT
R = REPAIR
S.T. = SEPTIC TANK
P.T. = PUMP TANK
S.L. = SUPPLY LINE
P.M. = PRESSURE MANIFOLD

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: Linda Webster Date: 01/06/2020 Installed by: TB Grading

IMPROVEMENT PERMIT by: Benjamin C. White Date: 12-17-19 OPERATION PERMIT by: Benjamin A Bell Date: 11/23/2020

AUTHORIZATION TO CONSTRUCT by: Benjamin C. White Date: 12-17-19 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 inspector to confirm your inspection time.

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 2

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

PROPERTY ID #: 4659151343
DATE OF EVALUATION: 11-18-19
COUNTY: IREDELL

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	LINEAR SIDE 25%	0-17	C, ABK	FR, S, P, SEXP	SAP INC IN CL	48"+	NA	NA	PS .3
		17-48	CL, WABK	FR, SS, SP, SEXP					
2	LINEAR SIDE 15%	0-34	C, ABK	FR, S, P, SEXP	SAP INC IN CL	51"+	NA	NA	PS .3
		34-51	CL, WABK	FI, SS, SP, SEXP					
3	LINEAR SIDE 12%	0-14	FILL	FILL, PL	SAP INC IN CL REDOX IN FILL	60"+ CHROMA 1&2	NA CHROMA 3+4 IN C	NA	U
		14-36	C, ABK	FI, S, P, SEXP					
		36-60	CL, WABK	FR, SS, SP, SEXP					
4	LINEAR SIDE 20%	0-29	C, ABK	FR, S, P, SEXP	SAP INC THRU OUT	44"	PS II L ~~ABK~~	NA	PS .3
		29-44	CL, WABK	FR, SS, SP, SEXP					
		44-72	SAP, MAS	VFR, NS, NP, SEXP					
5	LINEAR SIDE 10%	0-21	C, ABK	FR, S, P, SEXP	SAP INC IN CL	57"+	NA	NA	PS .3
		21-57	CL, WABK	FR, SS, SP, SEXP					

COMMENTS:

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

Sheet 1 of 2
PROPERTY ID #: 4659151843
COUNTY: IREDELL

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

OWNER: LINDA & THOMAS WEBSTER
ADDRESS: 136 EARLY FROST LANE, MOORESVILLE, N.C. 28115
PROPOSED FACILITY: 4 BR
PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 136 EARLY FROST LANE, MOORESVILLE, N.C. 28115
APPLICATION DATE: 10-23-19
DATE EVALUATED: 11-18-19
PROPERTY SIZE: 1.44 AC
PROPERTY RECORDED: YES

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE	0-17	C, ABK	FR	SAP INC IN CL	48"	NA	NA	PS .3
		17-48	CL, WABK	FR					
2	LINEAR SIDE 15%	0-34	C, ABK	FR	SAP INC IN CL	96"	NA	NA	PS .3
		34-57	CL, WABK	FI					
3	LINEAR SIDE	0-14	FILL		PATE 2				
		14-36	C						
		36-44	CL						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Benjamin C. White
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014