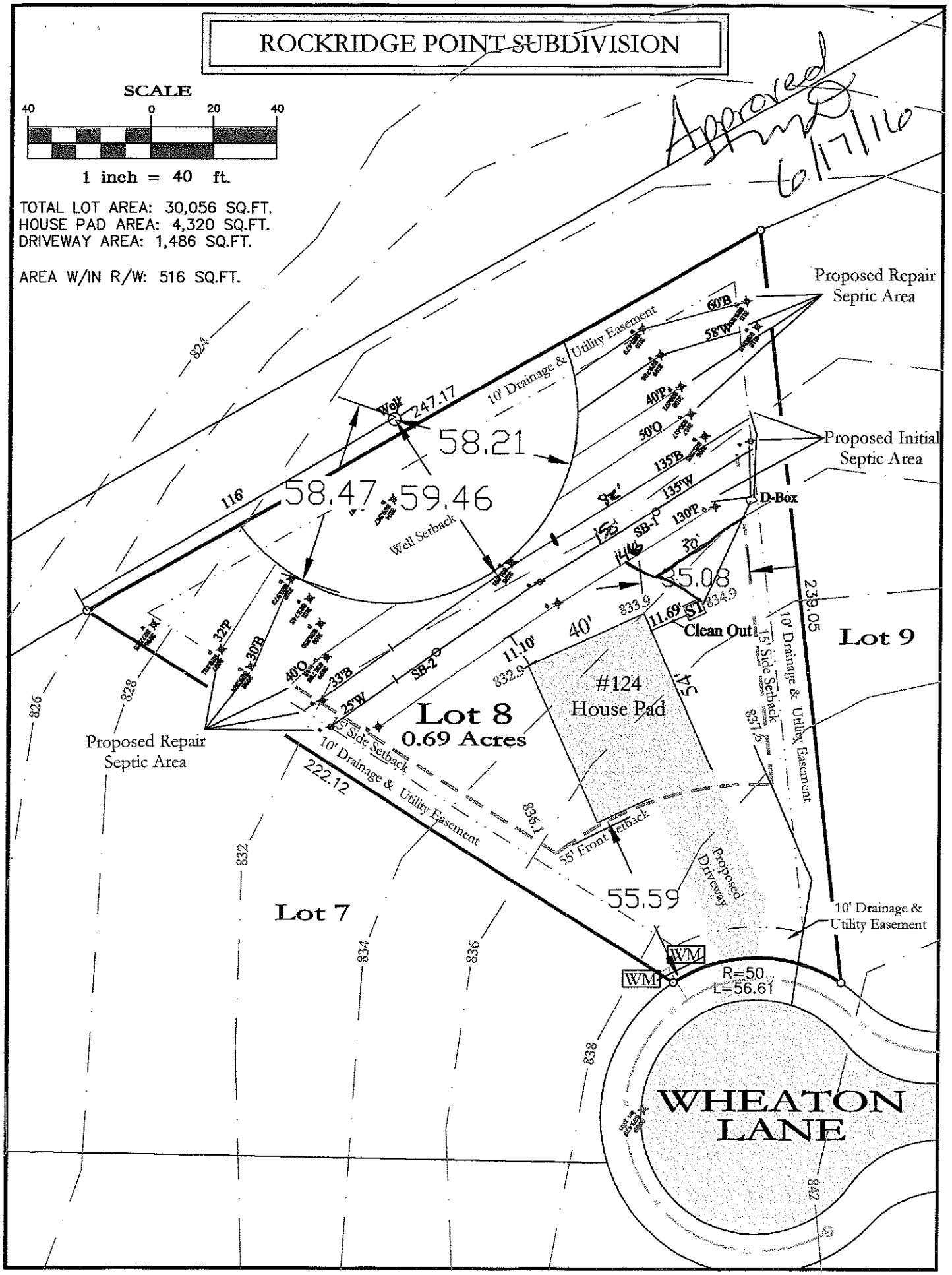
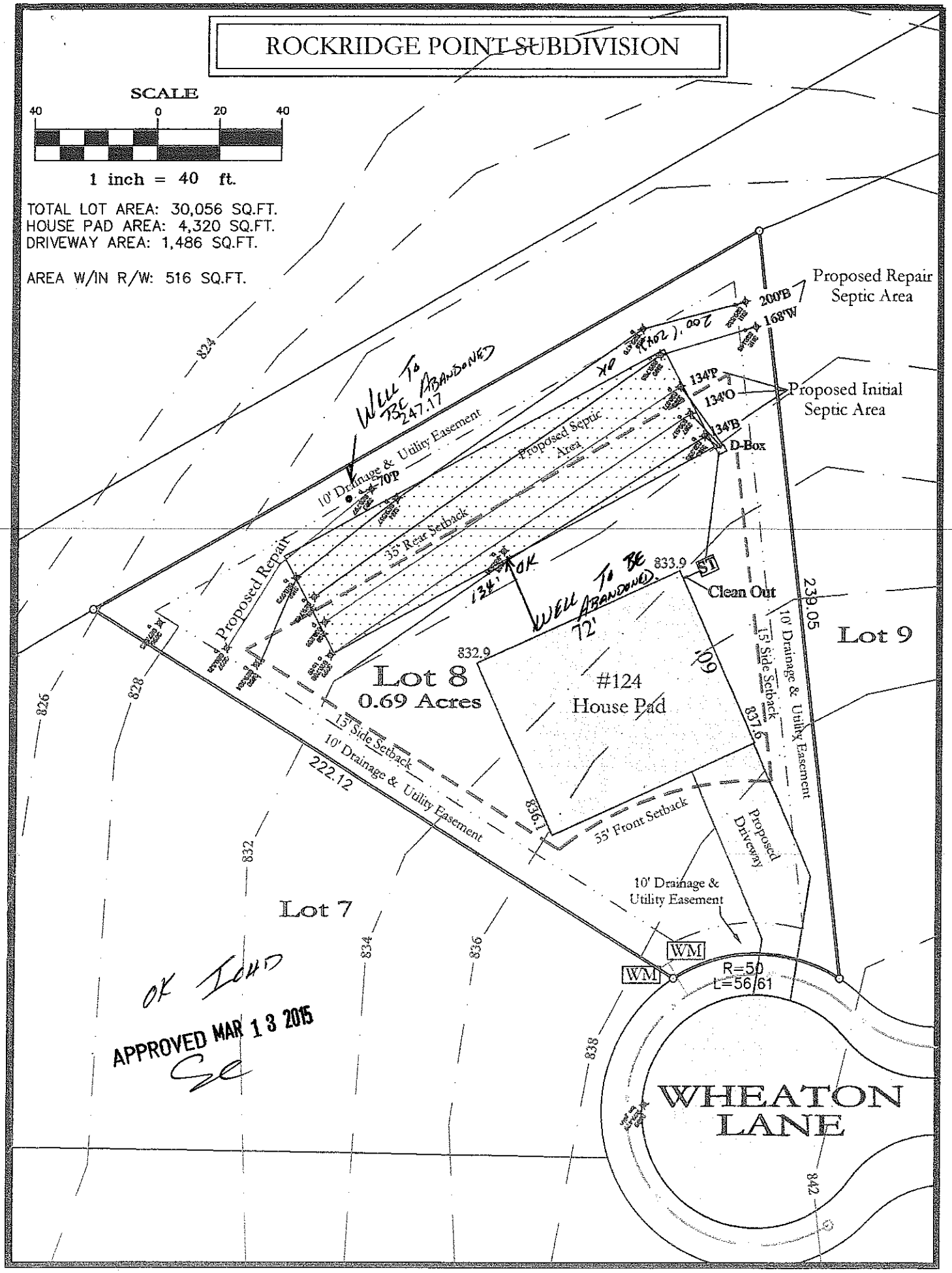

ROCKRIDGE POINT SUBDIVISION
SCALE
40 0 20 40
1 inch = 40 ft.
TOTAL LOT AREA: 30,056 SQ.FT.
HOUSE PAD AREA: 4,320 SQ.FT.
DRIVEWAY AREA: 1,486 SQ.FT.
AREA W/IN R/W: 516 SQ.FT.
Approved
6/17/16
Proposed Repair Septic Area
Proposed Initial Septic Area
Utility Easement
10' Drainage &
60'B
58'W
40'P
50'O
135'B
135'W
130'P
D-Box
SB-1
SB-2
247.17
58.21
58.47
59.46
Well
Well Setback
116
824
826
828
832
834
836
838
842
32'P
30'B
40'O
33'B
25'W
5' Side Setback
10' Drainage & Utility Easement
222.12
836.1
Lot 8
0.69 Acres
#124
House Pad
11.10'
40'
832.9
833.9
834.9
11.69'
ST
Clean Out
35.08
30'
15'
239.05
Lot 9
15' Side Setback
10' Drainage & Utility Easement
831.6
54'
55' Front Setback
55.59
Proposed Driveway
Lot 7
WM
WM
R=50
L=56.61
10' Drainage & Utility Easement
WHEATON LANE

ROCKRIDGE POINT SUBDIVISION



Design Specifications Proposal Lot 8 Rock Ridge Point, Iredell North Carolina
(Revised 5-19-16)

Approved
6/17/16

Daily Design Flow:	480 gpd
Number of Bedrooms	4 bedroom
Basement or Crawlspace	Crawlspace
Septic Tank Size	1500 gal, Delliger Tank with effluent filter Poly Lock PL68
Pump Tank Size	NA
Primary System Loading Rate (LTAR)	0.30 gpd/ft^2. LTAR including Soils Evaluations were determined by Iredell County. Soils Evaluations and LTAR were not Conducted by Septic Environmental Solutions, Inc.
Primary System	25% reduction, all lines to be a minimum of 9-ft on center with 3-ft wide trench widths. Trench depth shall be maximum 36-inches. See scale map for total length.
Number and Length of Lines	3 See attached drawing.
Total foot of Primary System	requires 400-ft
Distribution Device	Distribution Box
Maintenance Agreement Required	NA
Pump Type	NA
Dosing Volume	NA
Depth of effluent Pumped per Dose	NA
Supply Line	NA
Check Valve	NA
Siphon Break Hole	NA
Repair System Loading Rate	0.30 gpd/ft^2
Repair System	LP PPBPS, See attached drawing
Total foot of Line	266+, See attached drawing,

Design Specifications Proposal Lot 8 Rock Ridge Point, Iredell North Carolina

Daily Design Flow:	480 gpd
Number of Bedrooms	4 bedroom
Basement or Crawlspace	Crawlspace
Septic Tank Size	1500 gal, Delliger Tank with effluent filter Poly Lock PL68
Pump Tank Size	NA
Primary System Loading Rate (LTAR)	0.30 gpd/ft^{2,} LTAR including Soils Evaluations were determined by Iredell County. Soils Evaluations and LTAR were not Conducted by Septic Environmental Solutions, Inc.
Primary System	25% reduction, all lines to be a minimum of 9-ft on center with 3-ft wide trench widths. Trench depth shall be maximum 36-inches. See scale map for total length.
Number and Length of Lines	3 See attached drawing.
Total foot of Primary System	requires 402-ft
Distribution Device	Distribution Box
Maintenance Agreement Required	NA
Pump Type	NA
Dosing Volume	NA
Depth of effluent Pumped per Dose	NA
Supply Line	NA
Check Valve	NA
Siphon Break Hole	NA
Repair System Loading Rate	0.30 gpd/ft^2
Repair System	LP PPBPS, See attached drawing
Total foot of Line	270, See attached drawing,

OK IRD

APPROVED MAR 13 2015

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Lot 8 Rocky Ridge Farm Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.3**
Total Ft. Line	402
No. Lines	3 (See Table)
Pump Required	No
Distribution Device	Distribution Box
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Ft. Line	323
Repair System Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	LP PPBPS	42
2	System	Orange	25% Reduction	134 endfed
3	System	Pink	25% Reduction	134 endfed
4	System	White	25% Reduction	134 endfed
5	Repair	White	LP PPBPS	39
6	Repair	Red	LP PPBPS	192
7	Repair	Pink	LP PPBPS	50
				Total System: 402'
				Total Repair: 323'

Tank	Red	1500 gal (2 compartment)
House	Blue	

Note: 2 Existing wells onsite to be abandoned prior to obtaining ATC
Existing underground powerline and waterline to mobile home located on site
Lines 3, 4, and 5: 0.6' high in middle of line
Remove Mobile Home prior to obtaining ATC

Lot 8 Rocky Ridge Farm Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System Type	**25% Reduction**
LTAR (gpd)/ft2	**0.3**
Total Ft. Line	400
No. Lines	3 (See Table)
Pump Required	No
Distribution Device	Distribution Box
Maintenance Agreement Required	No
Repair System	**25% Reduction**
Total Ft. Line	401
Repair System Loading Rate	0.3
Check Valve	No
Siphon Break	Yes

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	System	Orange	25% Reduction	134 endfed
2	System	Pink	25% Reduction	134 endfed
3	System	White	25% Reduction	134 endfed
4	Repair	Red	25% Reduction	197
5	Repair	Pink	25% Reduction	204
				Total System: 402'
				Total Repair: 401'

Tank	Red	1500 gal (2 compartment)
House	Blue	

Note: 2 Existing wells onsite to be abandoned
Existing underground powerline to mobile home located on site
Lines 3, 4, and 5: 0.6' high in middle of line

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

Sheet 1 of 1
PROPERTY ID #: 4636225852
COUNTY: Iredell

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

OWNER: TRUE HOMES
ADDRESS: Lot 2649 BRECKENRIDGE, MOORESVILLE, NC 28110
PROPOSED FACILITY: 4 BRM
LOCATION OF SITE: 124 Wheeler Lane, Rockridge Point
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other Community Well
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

APPLICATION DATE 5-19-16
DATE EVALUATED: 5-17-16
PROPERTY SIZE: ±2.0 Acres
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY RECORDED: MAP 1883
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

Approved 6/17/16 MP

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
1	LL 4%	0-30	WK/SBK/SCL	FR/SS/SP		Full 48 50"	NA	50	0.30
		30-50	WK/SBK/SCL/GR CL	FR/SS/SP FE					
2	LL 4%	0-28	WK/SBK/SCL	FR/SS/SP	2.5YR 6/8 MOTTLES	48"	NA	48	0.30
		28-48	WK/SBK/CL	FR/SS/SP					
3									
4									

LICENSED SOIL SCIENTIST
KENNETH L. OWENS
THE GREAT SEAL OF THE STATE OF NORTH CAROLINA
7134
STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	267+
System Type(s)	25% Reduct	50% LP Panel
Site LTAR	0.30	0.30

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

COMMENTS: