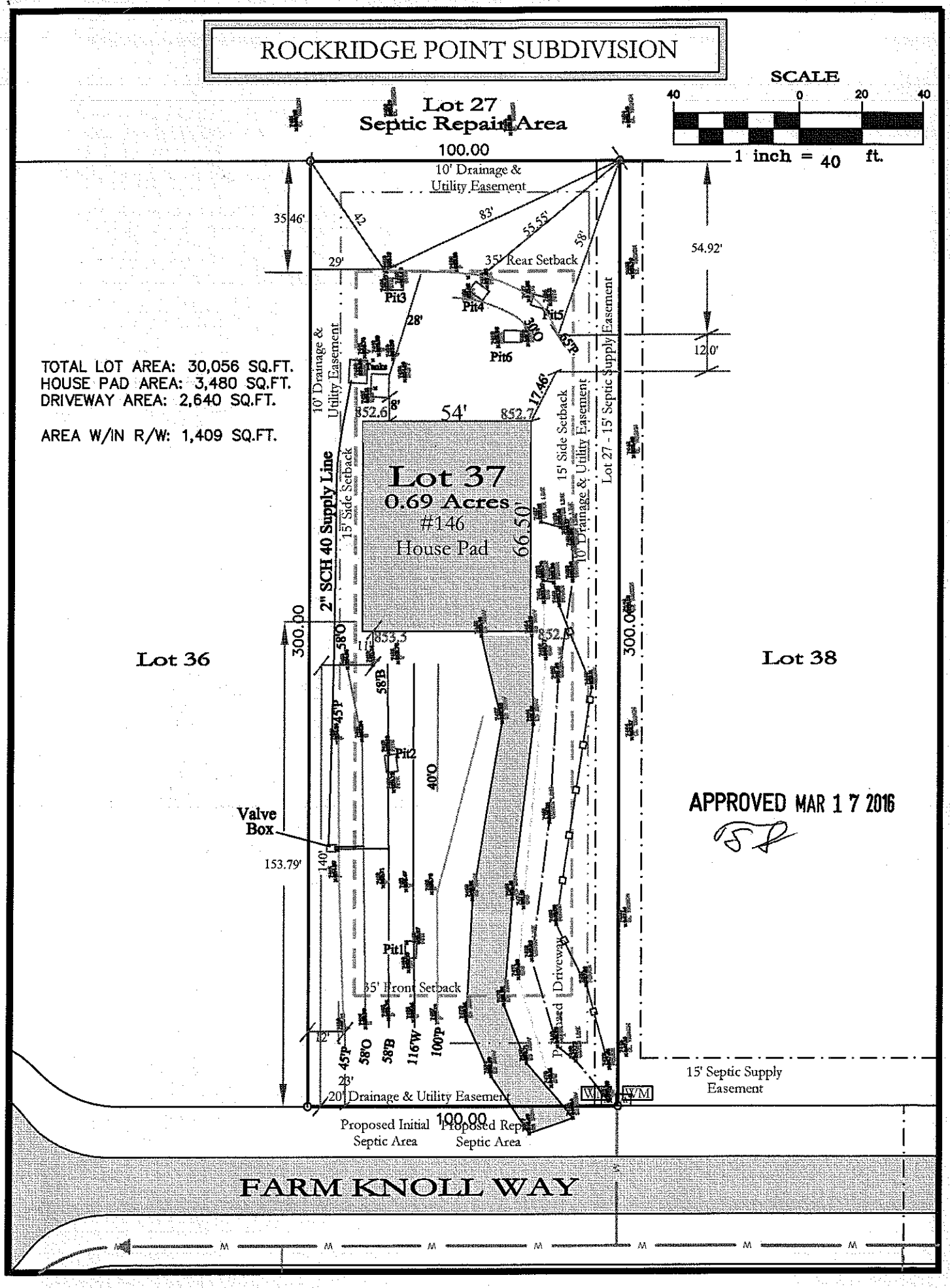
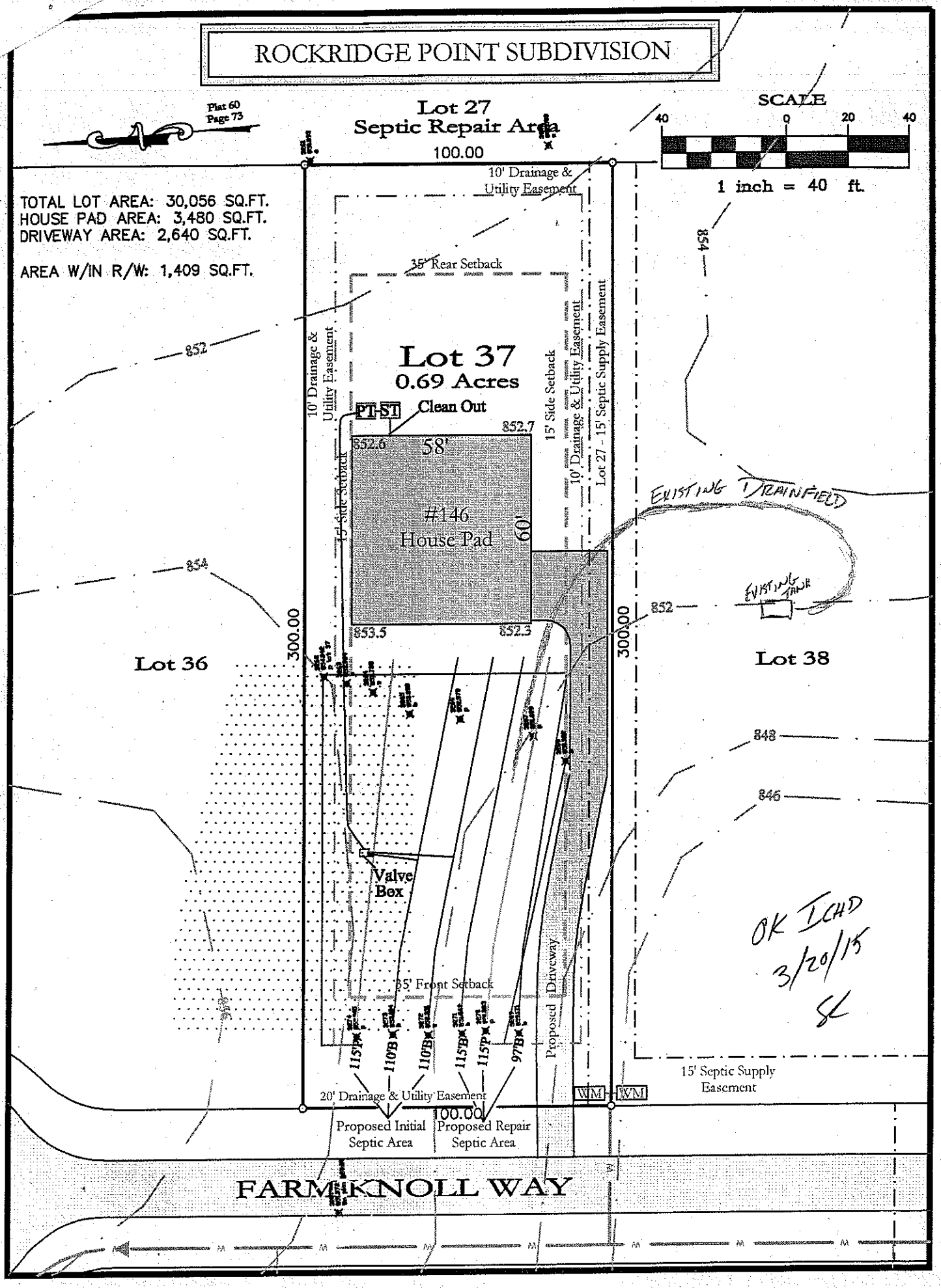
ROCKRIDGE POINT SUBDIVISION



APPROVED MAR 17 2016


ROCKRIDGE POINT SUBDIVISION
Plat 60
Page 73
Lot 27
Septic Repair Area
100.00
SCALE
40 0 20 40
1 inch = 40 ft.
TOTAL LOT AREA: 30,056 SQ.FT.
HOUSE PAD AREA: 3,480 SQ.FT.
DRIVEWAY AREA: 2,640 SQ.FT.
AREA W/IN R/W: 1,409 SQ.FT.
10' Drainage & Utility Easement
35' Rear Setback
Lot 37
0.69 Acres
10' Drainage & Utility Easement
PT-ST
Clean Out
852.7
852.6
58'
15' Side Setback
#146
House Pad
60'
15' Side Setback
10' Drainage & Utility Easement
Lot 27 - 15' Septic Supply Easement
852.3
853.5
EXISTING DRAINFIELD
EXISTING TANK
854
852
848
846
300.00
300.00
Lot 36
Lot 38
Valve Box
35' Front Setback
Proposed Driveway
115'BT
110'BT
110'BT
115'BT
115'PT
97'BT
20' Drainage & Utility Easement
WM
WM
15' Septic Supply Easement
100.00
Proposed Initial Septic Area
Proposed Repair Septic Area
FARMKNOLL WAY
OK TCHD
3/20/15
SL

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

Rock Ridge

Sheet 1 of 3

APPROVED ... 17 ...

PROPERTY ID #: 4636233/81.137 COUNTY: Iredell

6
22
12
6 SAND (34)

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

OWNER: True Homes APPLICATION DATE 1-3-16
ADDRESS: ~~Lot 37~~ 2649 Berkundy Cove Road, Mocksville DATE EVALUATED 2-8-16
PROPOSED FACILITY: 4BR 4BA PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE:
LOCATION OF SITE: Lot 37 PROPERTY RECORDED:
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LL 22%	0-36	m/sbk/sc/c	s/p/sep	10YR 4/6	60"	NA	60	0.25
		36-51	wk/fr/sc/l	ns/np/nep	10YR 4/6				
					10YR 7/6 mott				
2	LL 20%	0-6	m/fr/sl	ns/np/neo	5YR 4/6	60"	NA	60	0.25
		6-18	vf sbk fr scl	ns/np/nep	10YR 4/6				
		18-35	w/sbk/fr/cl/s/p/nep		10YR 4/8	10YR 7/8 mott			
		35-46	vpl/sbk/fr/sc/s/p/sep		2.5YR 5/6				
					10YR 7/8 mott				
3	LL 20%	0-23	m/sbk/fr/scl/s/p/sep		2.5YR 4/4	2.5YR 4/4 mot +10R 5/1			0.25
		23-69	wk/sbk/sc/l	fr/ns/np/nep	10R 4/6				
					9"-15" mott	60"	NA	48-60	
4	LL 20%	0-6	m/mod/sl	fr/ns/np/neo	5YR 4/4	64			
		6-26	m/mod/vfr/scl	s/p/sep	2.5YR 4/4				
		26-69	wk/sbk/sc/l	ns/np/nep	2.5YR 4/6				

LICENSED SOIL SCIENTIST
KENNETH L. OWENS
1134
STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	100%	100%
System Type(s)	LP PANEL	LP PANEL
Site LTAR	0.25	0.25

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

COMMENTS: Repair Deep LP PANEL with Vent CAPS In Rock Gravels

SOIL/SITE EVALUATION
(Continuation Sheet)

Rockridge Sheet 2 of 2

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Lot 307

PROPERTY ID #:
DATE OF EVALUATION: 2-2-16
COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	LS/0 Rdgsw	0-6	m/SBK/SiL	NS/NP/VFR	2.5Y 3/3	69"	NA	69"	0.25
		6-24	m/mod/SBK	S/P/SEW/VFR	2.5Y 4/6				
		24-69	WK/SBK/SiCL	NS/NP/VFR	2.5Y 4/6				
6	Rdgcw LS 2%	0-8	m/WK/SiL (plowed)	NS/NP/VFR	2.5YR 4/6	69"	NA	69"	0.25
		8-20	m/mod/SBK/SiCL	SS/SP/SFR	10YR 4/6				
		20-69	m/SBK/Fragl	NS/NP/VFR	10YR 4/8				

APPROVED MAR 17 2016

COMMENTS:

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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

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

OWNER: True Homes — APPLICATION DATE _____
ADDRESS: 2649 Brekenridge Centra Drive — DATE EVALUATED: 3-14-16
PROPOSED FACILITY: 4 BR House — PROPOSED DESIGN FLOW (.1949): 480 gal/day — PROPERTY SIZE: 0.69 acres
LOCATION OF SITE: 146 Farm Knoll Way Rockridge Point Lot 37 — 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 "S" Pit	Side Slope Repair Back Yard	7-0	mixed rocky gravel fill	crushed angular Qtz + Feldspar	—	50" [below fill]	—	—	0.275
		0-≈20"	clay medium ABK	Firm, SS, Sp, Sexp					
		20-50"	clay Loam weak SBK ↑ well drained	Friable, SS, Sp, Sexp					
2 "S" 6 Pit	Side Slope Repair Back Yard	0-≈13	Clay ABK (medium)	Firm, SS, Sp, Sexp	—	60"	—	—	0.275
		≈13-≈25	clay weak ABK	Firm, SS, Sp, Sexp					
		25-60	clay Loam weak SBK ↑ well Drained	Friable, SS, Sp, Sexp					
3 "2"	Side Slope Primary Area	0-≈44"	Clay weak SBK + ABK	Firm, SS, Sp, Sexp	—	52"	—	—	0.250
		≈44-≈52"	clay Loam weak SBK	Friable Slightly, SS, Sp, Sop					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	LP PPBPS 50%	LP PPBPS 50%
Site LTAR	0.2750	0.274

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: _____

COMMENTS: _____