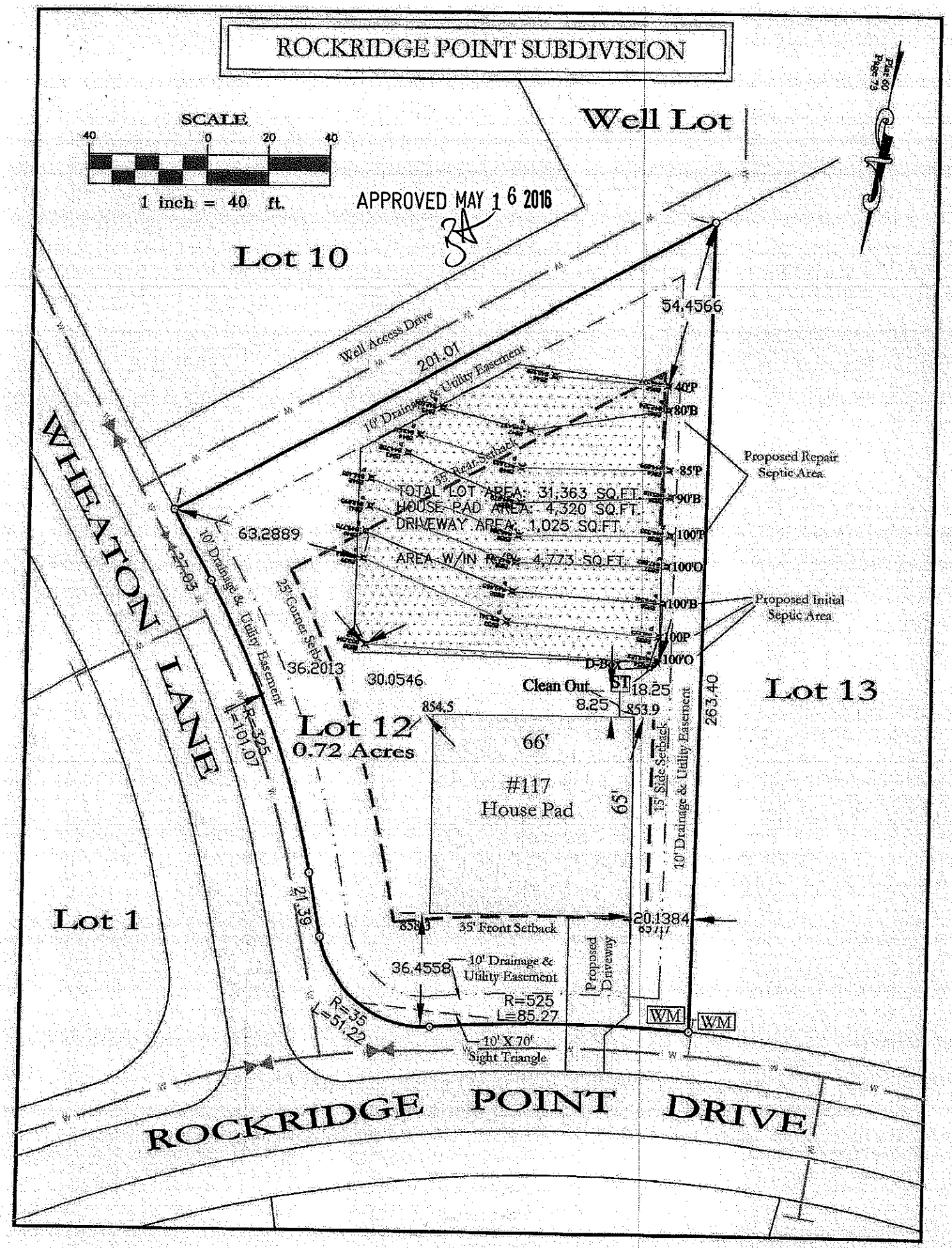
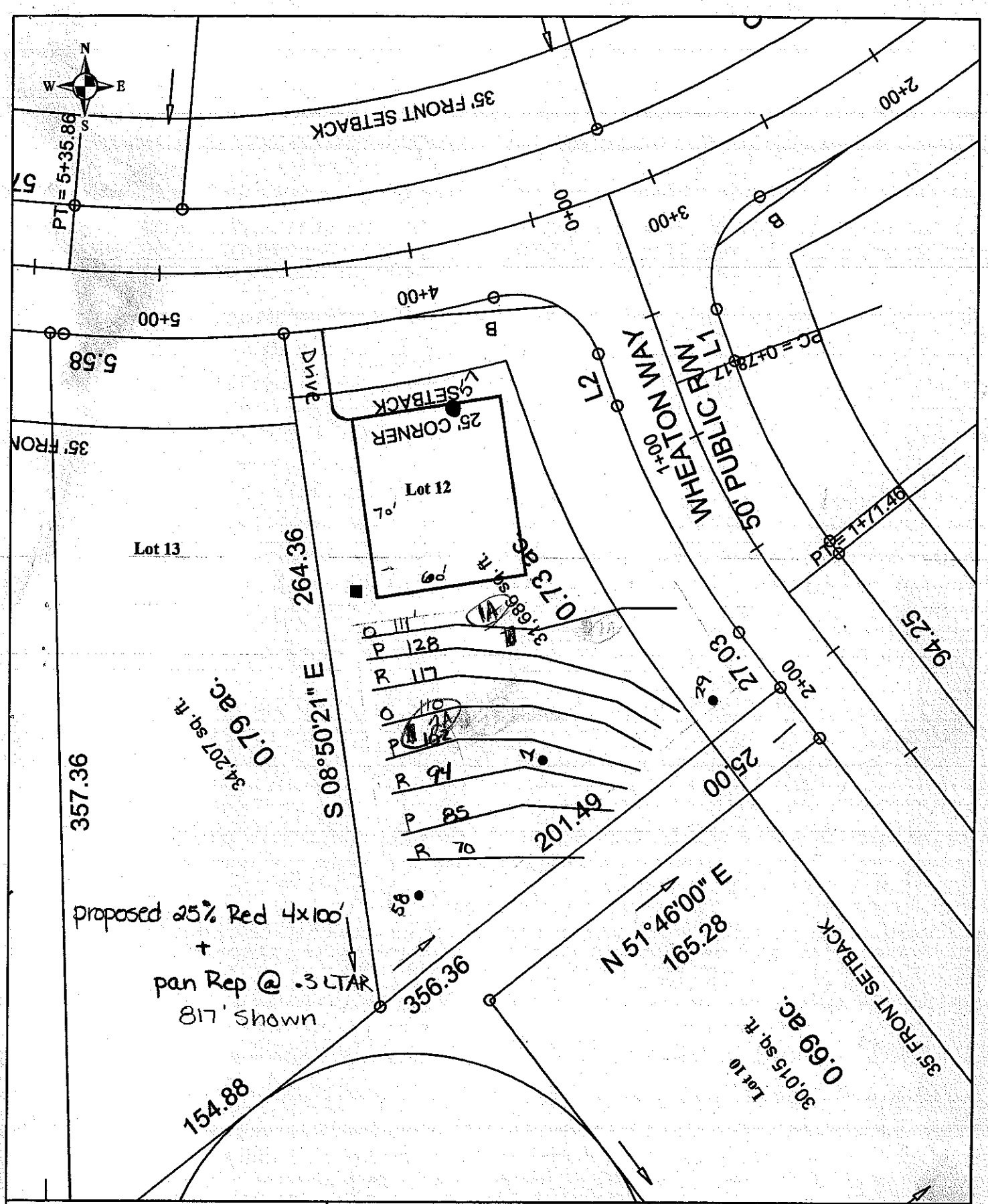
APPROVED MAY 16 2016

Design Specifications Proposal Lot 12 Rock Ridge Point, Iredell North Carolina
(Revised 4-17-16)

Daily Design Flow: Number of Bedrooms Basement or Crawlspace	360 gpd 3 bedroom 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 on January 8, 2006. 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	, See attached drawing.
Total foot of Primary System	requires 300-ft
Distribution Device	Distribution Box (D-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	25% Chamber Reduction, See attached drawing
Total foot of Line	300+, See attached drawing,


ROCKRIDGE POINT SUBDIVISION
SCALE
40 0 20 40
1 inch = 40 ft.
APPROVED MAY 16 2016
Well Lot
Plat 60 Page 73
Lot 10
Well Access Drive
201.01
54.4566
10' Drainage & Utility Easement
40'P
80'B
85'P
90'B
100'T
100'O
100'B
100'P
100'O
Proposed Repair Septic Area
Proposed Initial Septic Area
35' Rear Setback
TOTAL LOT AREA: 31,363 SQ.FT.
HOUSE PAD AREA: 4,320 SQ.FT.
DRIVEWAY AREA: 1,025 SQ.FT.
AREA W/IN R/W: 4,773 SQ.FT.
63.2889
27.03
10' Drainage & Utility Easement
WHEATON LANE
25' Corner Setback
36.2013
30.0546
D-Box
ST
Clean Out
18.25
8.25
854.5
853.9
263.40
Lot 13
Lot 12
0.72 Acres
66'
#117
House Pad
65'
15' Side Setback
10' Drainage & Utility Easement
R=325
L=101.07
21.39
20.1384
35' Front Setback
36.4558
10' Drainage & Utility Easement
R=525
L=85.27
R=35
L=51.22
10' X 70' Sight Triangle
Proposed Driveway
WM
WM
Lot 1
ROCKRIDGE POINT DRIVE



Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 12	FIGURE
Drawn by: JBP		Scaled, Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: January, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-081	

...T OF ENVIRONMENT AND NATURAL RESOURCES
...OF ENVIRONMENTAL HEALTH
... WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

S&ME

OWN... _____ APPLICATION DATE _____
ADD... _____ DATE EVALUATED: _____
PROPOSED FACILITY: ...SFR PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 5-7%	0-4	w sbk scl	SS SP fr	Br	F weathered rock vein			.3 to 54"
		4-17	msbk c	SS SP fr	R Br				
		17-34	wsbk cl	SS SP Fr	R Br				
		34-54	mass l	Fr	Multi				
58 2	L	0-27	Mo SBK CL	FI S/P	Yel Red				.3 to 48"
		27-48	MA SL	FR	Yel Red				
29 3	L	1-26	Mo SBK C	FR SS/SP	Red				.3 to 44"
		26-44	WK SBK CL SCL	FR SS/SP	Yel Red; C soap				
57 4	L	0-37	Mo SBK C	FR SS/SP	Red; F Yel Br C quartz				.25 to 37"

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

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

COMMENTS: _____

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