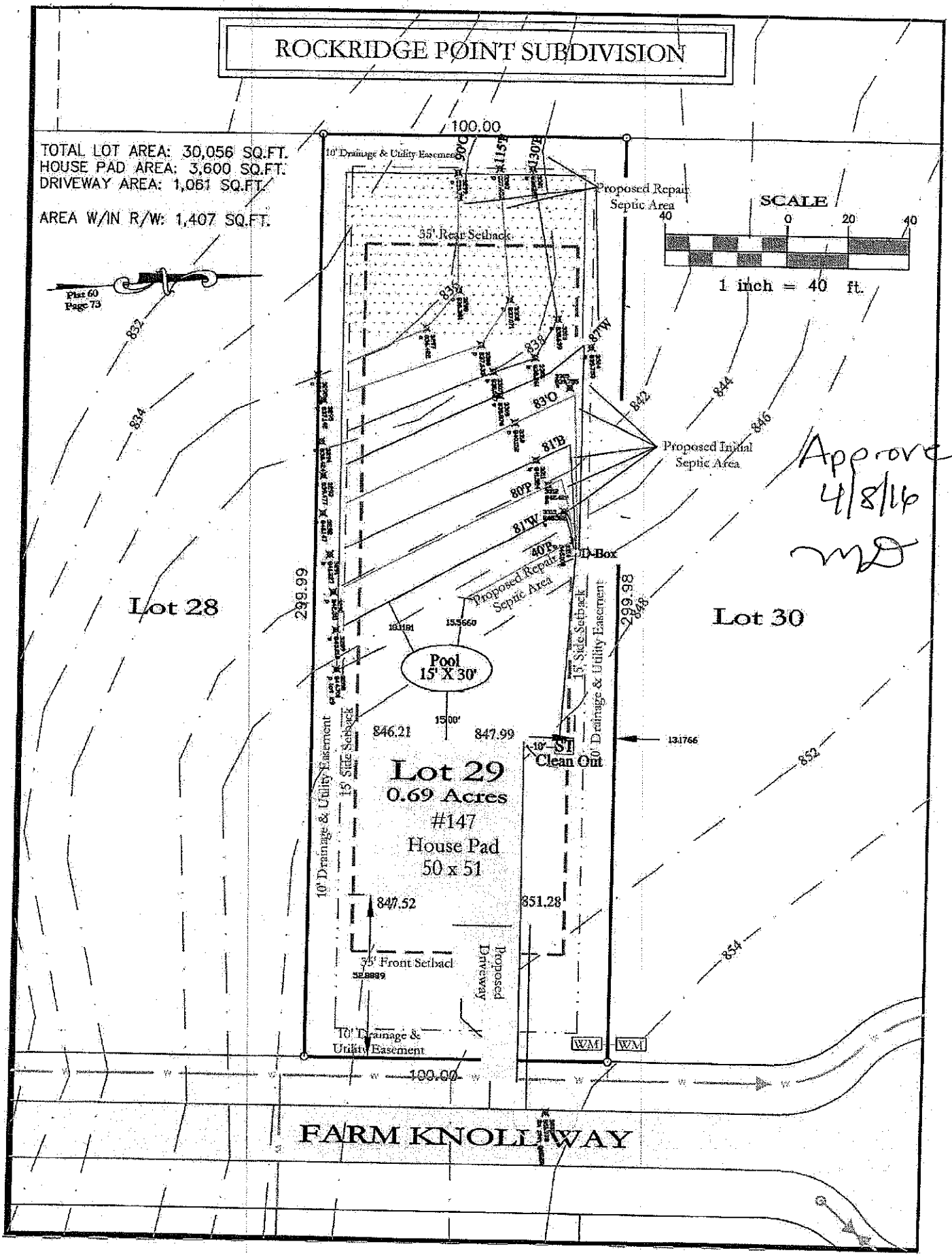
ROCKRIDGE POINT SUBDIVISION



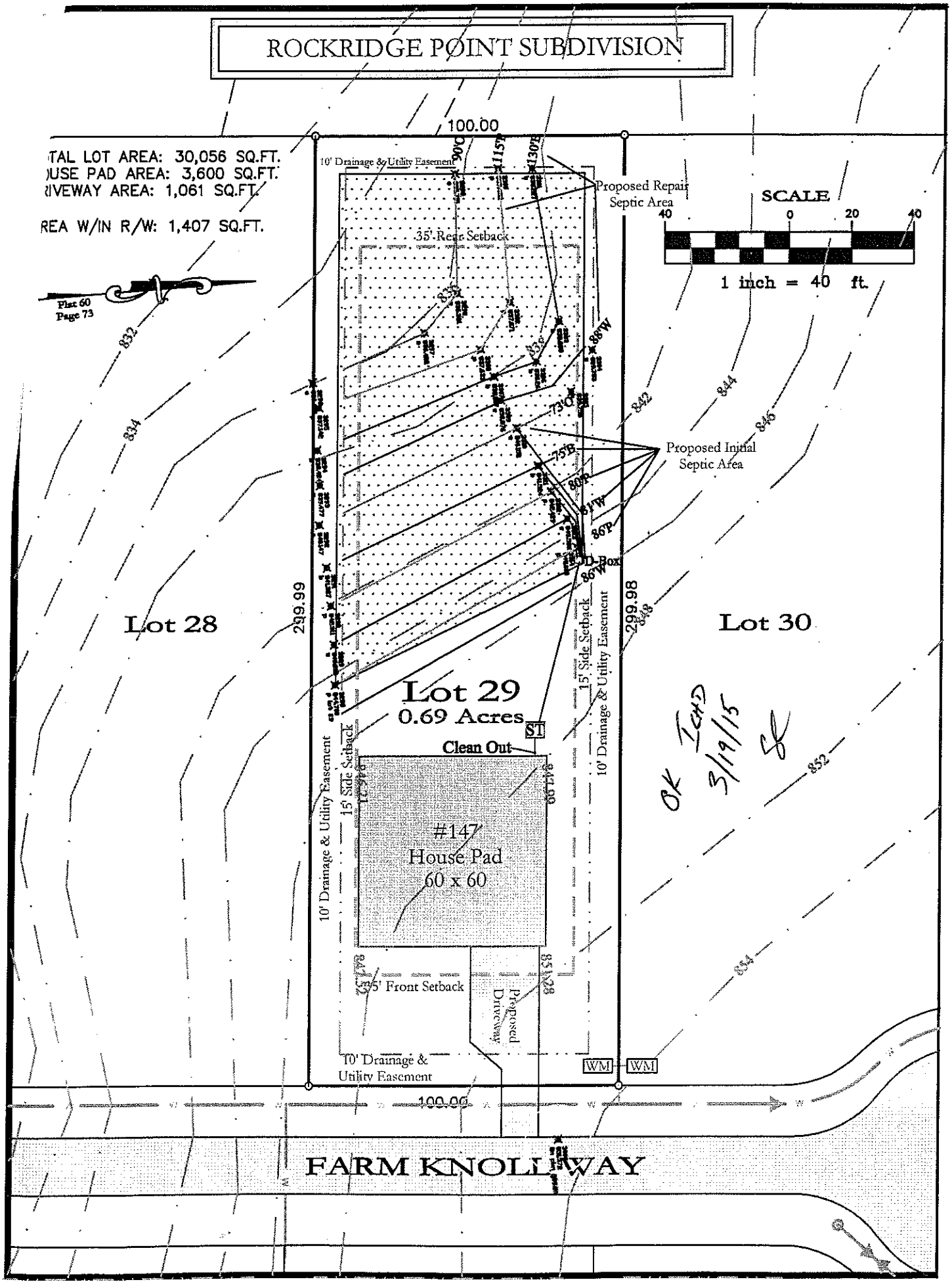
Design Specifications Proposal ~~Lot 29 Rock Ridge Point~~, Iredell North Carolina
(Re-design 3-28-16)

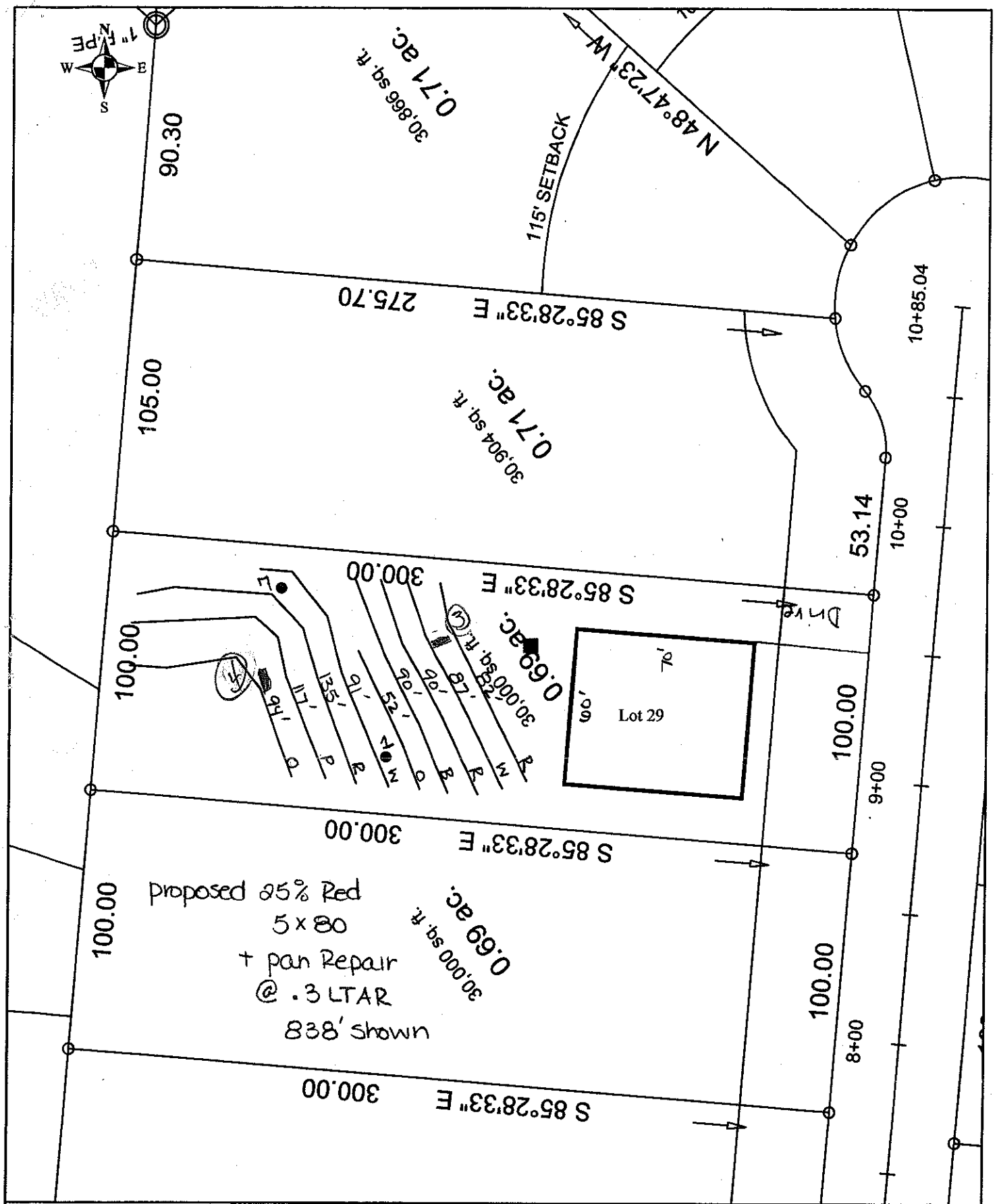
Approved MD 4/8/16

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	5 See attached drawing.
Total foot of Primary System	requires 400-ft, provided 412-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,



ROCKRIDGE POINT SUBDIVISION





Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 29	FIGURE
Drawn by: JBP		Scaled Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: February, 2006	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	S&ME Project #1588-05-081	

OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
ENVIRONMENTAL HEALTH
WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rocky Ridge APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: ___
LOCATION OF SITE: Lot 29 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	L	0-18	Mo SBK C	FR SS/SP	Red				
		18-48	WK SBK CL	FR SS/SP	Red; C sap F Relic yel			Brt gray	.3
2	L	0-16	Mo SBK C	FR SS/SP	Red				
		16-25	WK SBK CL	FR SS/SP	Yel Red; C sap				
		25-48	MA L sap	FR SS/SP	Multi; # CL				.3
		Soil to 48" on other wall							
3	2-6-Lo	0-8	msa brwn SL	fr					
		8-22	WK SBK MSBK Red C	fr SO SSP	Common yber mottles @ wet bands				
		22-50	MSBK Red CL +SAP	fr SSSP					.3 if installed @ 36"/6
		50-55	Massive SL SAP	FRSSSP					
4	0/Lo L	0-10	gr brwn SL	FRSSSP					
		10-26	WKSBK Red C	FRSSSP SAP					.3
		26-55	WKSBK Red CL	FRSSSP common sap					

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

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