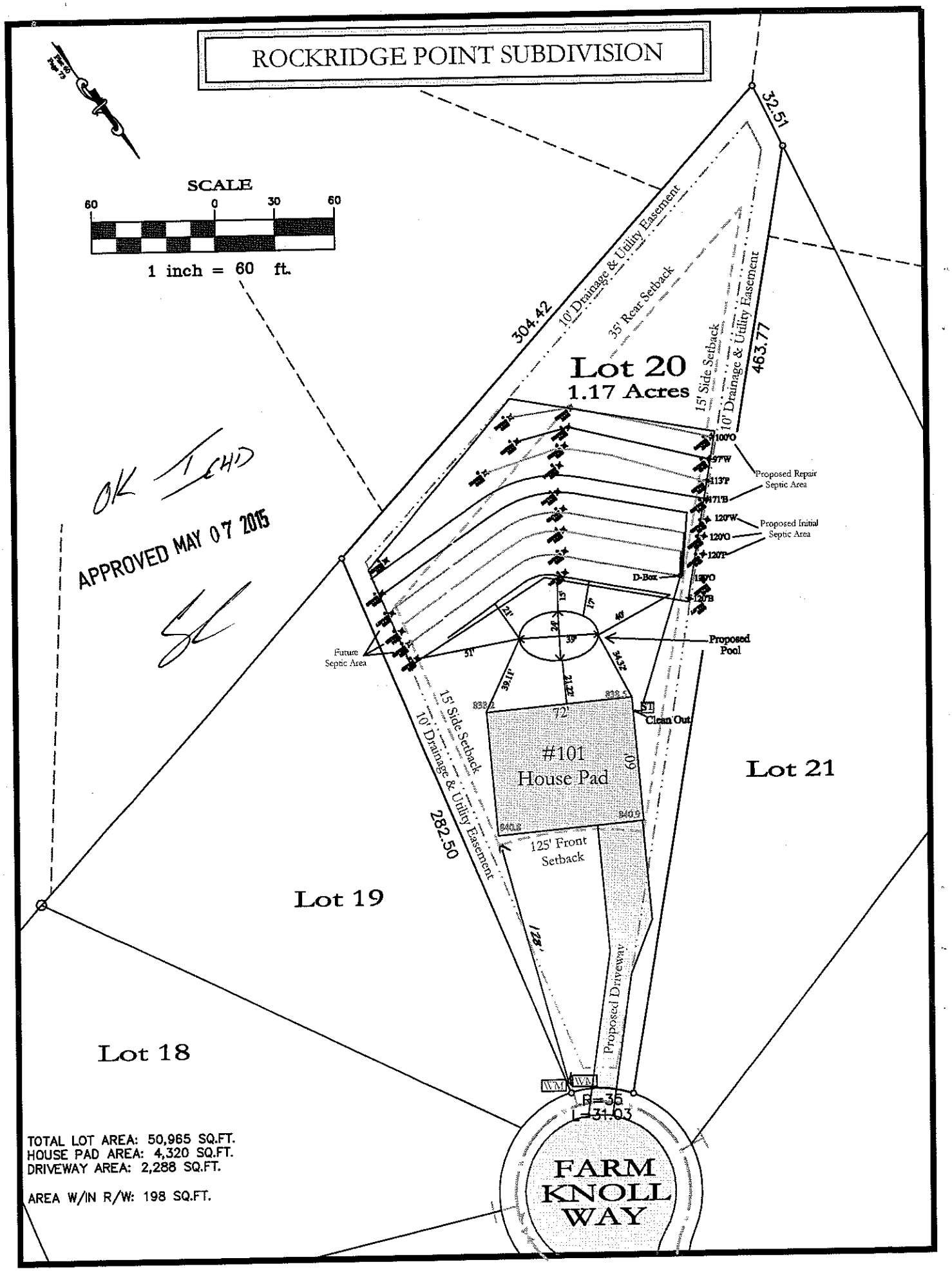
ROCKRIDGE POINT SUBDIVISION

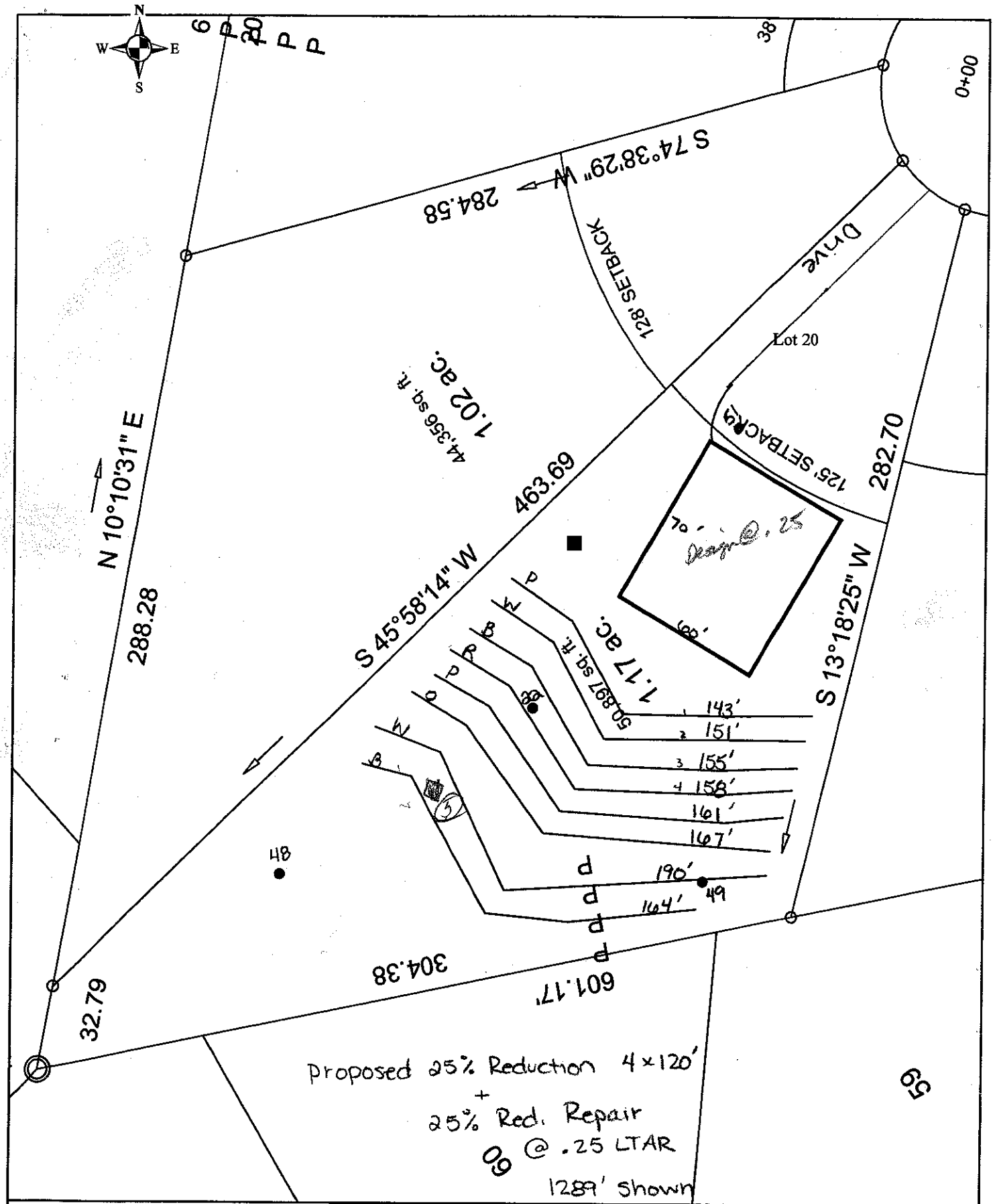


TOTAL LOT AREA: 50,965 SQ.FT.
HOUSE PAD AREA: 4,320 SQ.FT.
DRIVEWAY AREA: 2,288 SQ.FT.

AREA W/IN R/W: 198 SQ.FT.

Design Specifications Proposal Lot 20 Rock Ridge Point,
(Revised 4-29-15) 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)	0.25 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	4, See attached drawing.
Total foot of Primary System	requires 480-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	0.25 gpd/ft^2
Repair System	25% reduction, See attached drawing
Total foot of Line	480, See attached drawing,



Scale: 1 inch equals 50 feet	S&ME	Rocky Ridge - Lot 20	FIGURE
Drawn by: JBP	ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	Scaled Detailed Site Plan	1
Reviewed by: PGP		Iredell County, NC	
Date: February, 2006		S&ME Project #1588-05-081	

...ION OF ENVIRONMENTAL HEALTH
...N-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rocky Ridge Farms APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 20 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
51	L	0-30	Mo SBK/ABK C	FI S/P	Red				.25 - .3
		30-46	WK SBK CL	FR SS/SP	Yel Red; C sap				
49	L	0-43	Mo SBK C-CL	FR SS/SP	Red				.3
48	L	0-21	Mo ABK C	FR SS/SP	Red; F	Yel Br			.2?
		21-45	WK SBK CL	FR SS/SP	Yel Red; C sap		relic grays		
22	L 4-5%	0-27	WK SBK C/CL	FR SS/SD	Red				.25
		27-45	MA L sap	FR	Yel Red; CL inc				

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

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

(5) 0-12 wksk brn sdl fssp
12-31 mskrd c fssp. sbg common sbg .25-.3
31-50 wksk wh sbg fssp