SEPTIC ENVIRONMENTAL SOLUTIONS

Design Specifications Proposal Lot 5 (Parcel# 4636227800)
Rockridge Point, Iredell North Carolina

Approved MD 4/11/16

Daily Design Flow:	360 gpd
Number of Bedrooms	3 bedroom
Basement or Crawlspace	Crawlspace
Septic Tank STB-338	1,500 gal, Dellinger Precast Tank with effluent filter Poly Lock PL68
Pump Tank PT-141	NA
Primary System Loading Rate (LTAR)	0.225 gpd/ft^2 LTAR including Soils Evaluations were determined by Iredell County Environmental Health and by Septic Environmental Solutions, Inc.
Primary System	Gravity to Accepted Infiltrator Chamber 25% reduction septic system, 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 360-ft, provided 400-ft
Distribution Device	Large D-box
Maintenance Agreement Required	NA
Pump Type	NA
Dosing Volume	NA
Depth of effluent draw down per dose	NA
Supply Line	NA
Repair System Loading Rate	0.225 gpd/ft^2
Repair System	25% Accepted Infiltrator Chambers
Total foot of Line	Requires 360, provided 465-ft, See attached drawing

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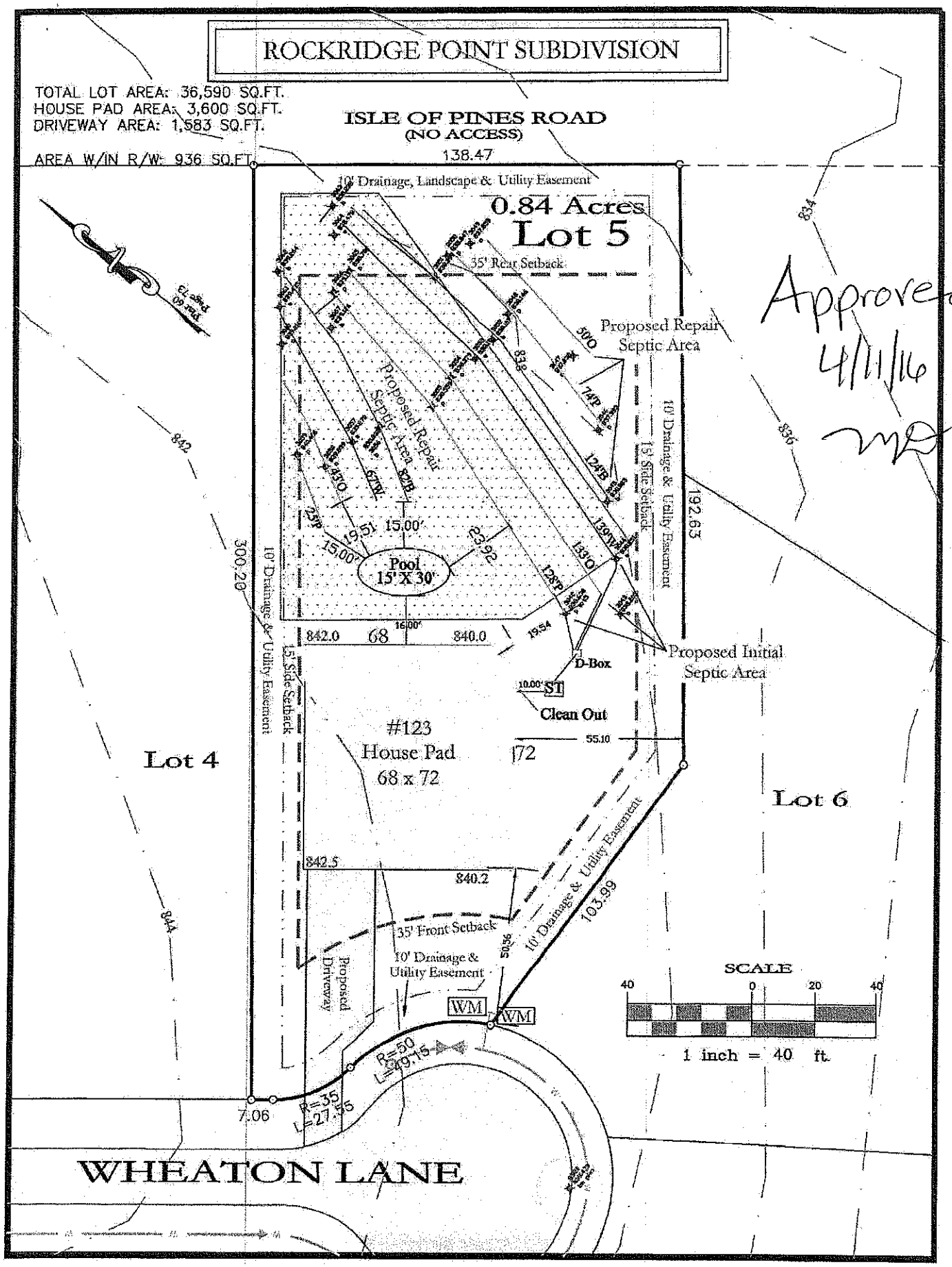
Daily Design Flow: Number of Bedrooms Basement or Crawlspace	480 gpd 4 bedroom Crawlspace
Septic Tank Size	1500 gal, Delliger Tank with effluent filter Poly Lock PL68
Pump Tank Size	NA
Primary System Loading Rate (LTAR)	0.225 gpd/ft^{2,} LTAR including Soils Evaluations were determined by Iredell County. 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 535-ft
Distribution Device	Drop 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	0.250 gpd/ft^2
Repair System	LP PPBPS, See attached drawing
Total foot of Line	320, See attached drawing,

ICHD
OK
APPROVED MAR 12 2015
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ROCKRIDGE POINT SUBDIVISION

TOTAL LOT AREA: 36,590 SQ.FT.
HOUSE PAD AREA: 3,600 SQ.FT.
DRIVEWAY AREA: 1,583 SQ.FT.

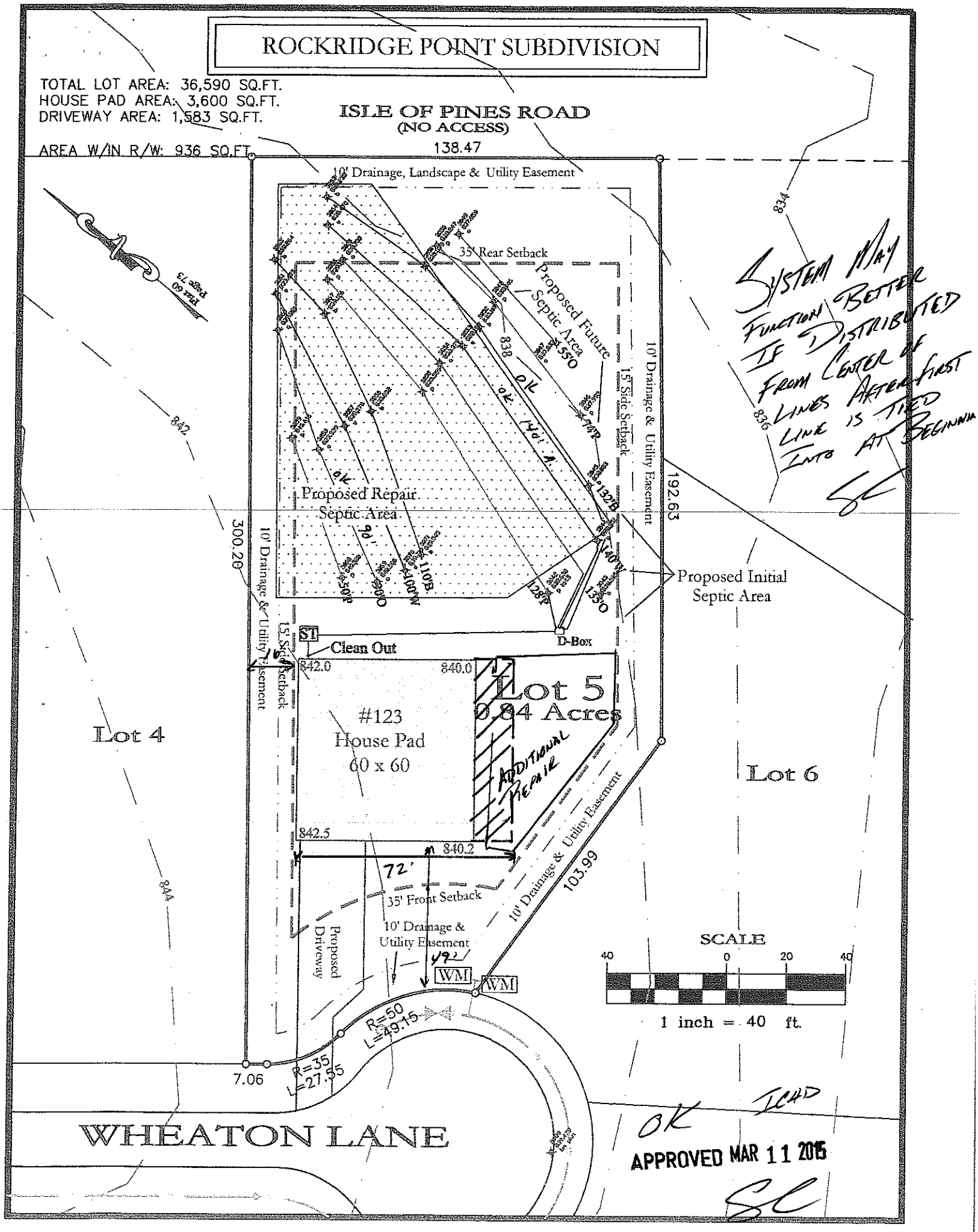
AREA W/IN R/W: 936 SQ.FT.



Approved
4/11/16

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SYSTEM MAY FUNCTION BETTER IF DISTRIBUTED FROM CENTER OF LINES AFTER FIRST LINE IS TIED INTO AT BEGINNING

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OK TCAD

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