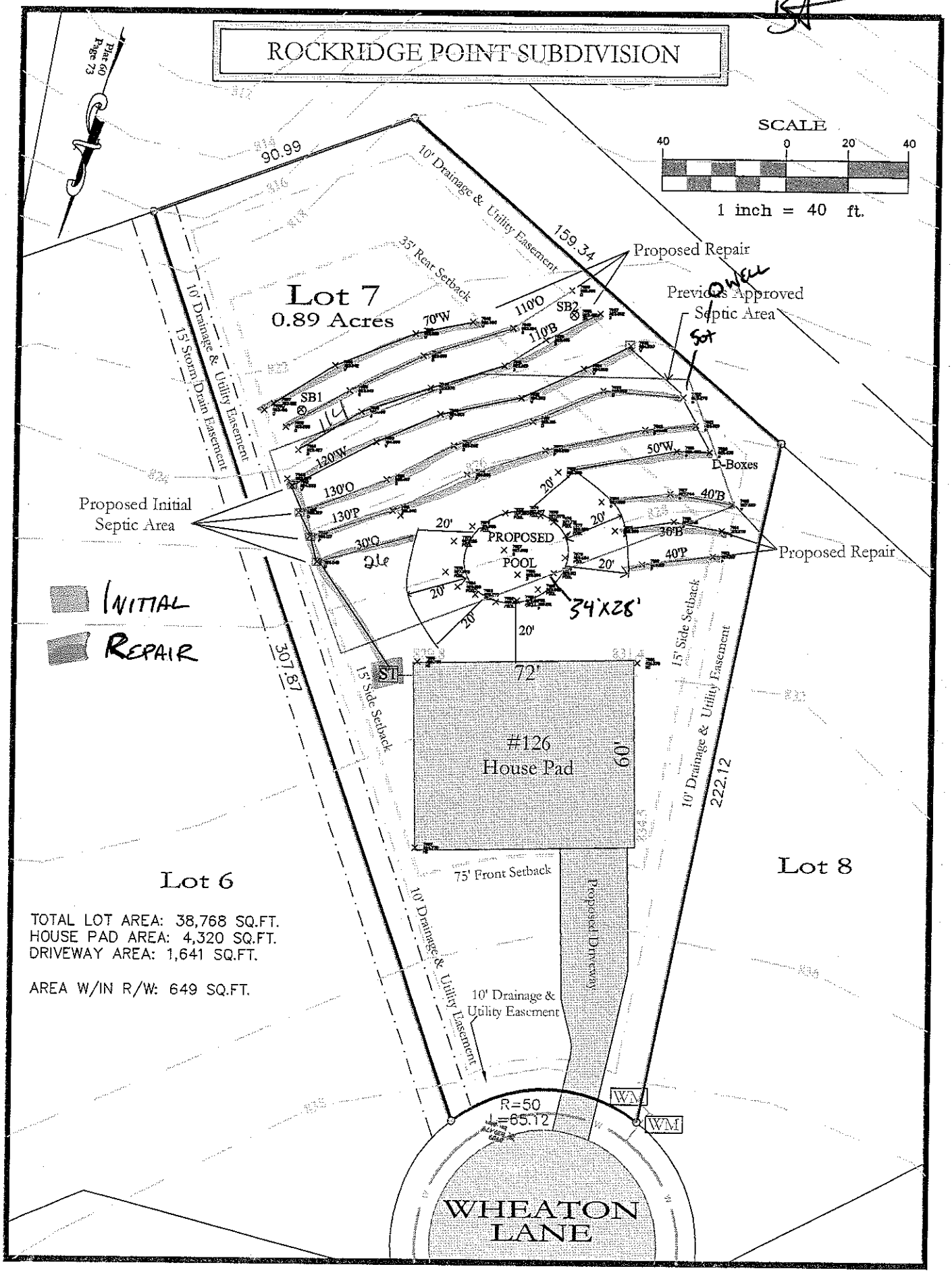
APPROVED SEP 2 8 2015

Design Specifications Proposal Lot 7 Rock Ridge Point, Iredell North Carolina

Daily Design Flow:	480 gpd
Number of Bedrooms	4 bedroom
Basement or Crawlspace	Crawlspace
Pool	Yes
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 in the initial proposed drainfield and Soils Evaluations and LTAR were conducted in the repair 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 400-ft, provided 410-ft
Distribution Device	Drop Boxes
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	312, See attached drawing,

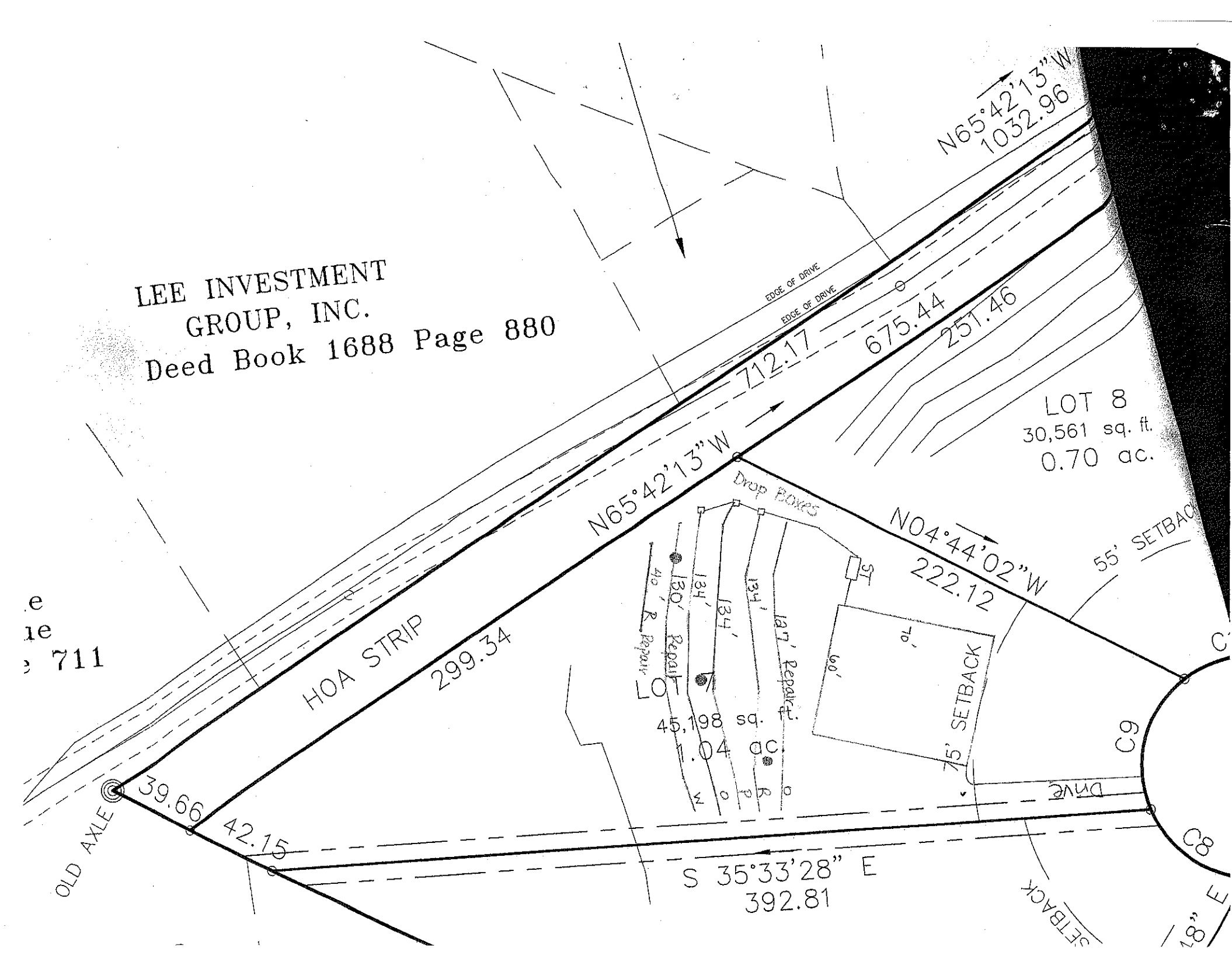
APPROVED SEP 2 8 2015

ROCKRIDGE POINT SUBDIVISION



TOTAL LOT AREA: 38,768 SQ.FT.
HOUSE PAD AREA: 4,320 SQ.FT.
DRIVEWAY AREA: 1,641 SQ.FT.

AREA W/IN R/W: 649 SQ.FT.


LEE INVESTMENT
GROUP, INC.
Deed Book 1688 Page 880
N65°42'13"W
1032.96
EDGE OF DRIVE
EDGE OF DRIVE
712.17
675.44
251.46
LOT 8
30,561 sq. ft.
0.70 ac.
N65°42'13"W
Drop Boxes
N04°44'02"W
222.12
55' SETBACK
HOA STRIP
299.34
40'
130'
134'
134'
127'
Repair
R
LOT 9
45,198 sq. ft.
1.04 ac.
60'
70'
75' SETBACK
C9
C8
DRIVE
39.66
42.15
OLD AXLE
S 35°33'28" E
392.81
SETBACK

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

Sheet 1/1
PROPERTY ID #: 4636336478.000
COUNTY: Iredell

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

APPROVED SEP 28 2015

OWNER: Carolina Development & Sons, LLC. APPLICATION DATE Sept. 15, 2015
ADDRESS: 126 Wheaton LN. (Lot #7) Mooresville, N.C. /2649 Brekonridge Ct. Dr. Monroe, NC DATE EVALUATED: Aug. 25, 2015
PROPOSED FACILITY: 4Bdrm/480GAL PROPOSED DESIGN FLOW (.1949): 480 GAL. PROPERTY SIZE: >2
LOCATION OF SITE: 126 Wheaton LN (Lot #7) Mooresville, N.C. PROPERTY RECORDED: after 1983
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☑ Other Community Well
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	1%	0-4"	GR | SCL	FR SS/SP	2.5YR 5/6	48	N/A	48+	0.30
		4-28"	SBK | C	FR SS/SP	10YR 5/8				
		28-48"	WK | SBK | CL	FR SS/SP	2.5YR 6/6	48	N/A	48+	0.30
				MICACIOUS					
2	2%	0-10"	WK. | SBK | SCL	FR SS/SP	2.5YR 5/6				
		10-32"	SBK | MO | C	FR SS/SP	2.5YR 5/8				
		32-48"	WK | SBK | CL	FR SS/SP	2.5YR 6/6	48+	32 CL	48+	0.30
3									
4									

LICENSED SOIL SCIENTIST KENNETH L OWENS 134 STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	100%	100%
System Type(s)	25%	2 PASS
Site LTAR	0.30	0.30

OTHER FACTORS (.1946): Clear of any old Beams
SITE CLASSIFICATION (.1943): Suitable
EVALUATED BY: [signature]
OTHER(S) PRESENT: 9-15-15

COMMENTS: