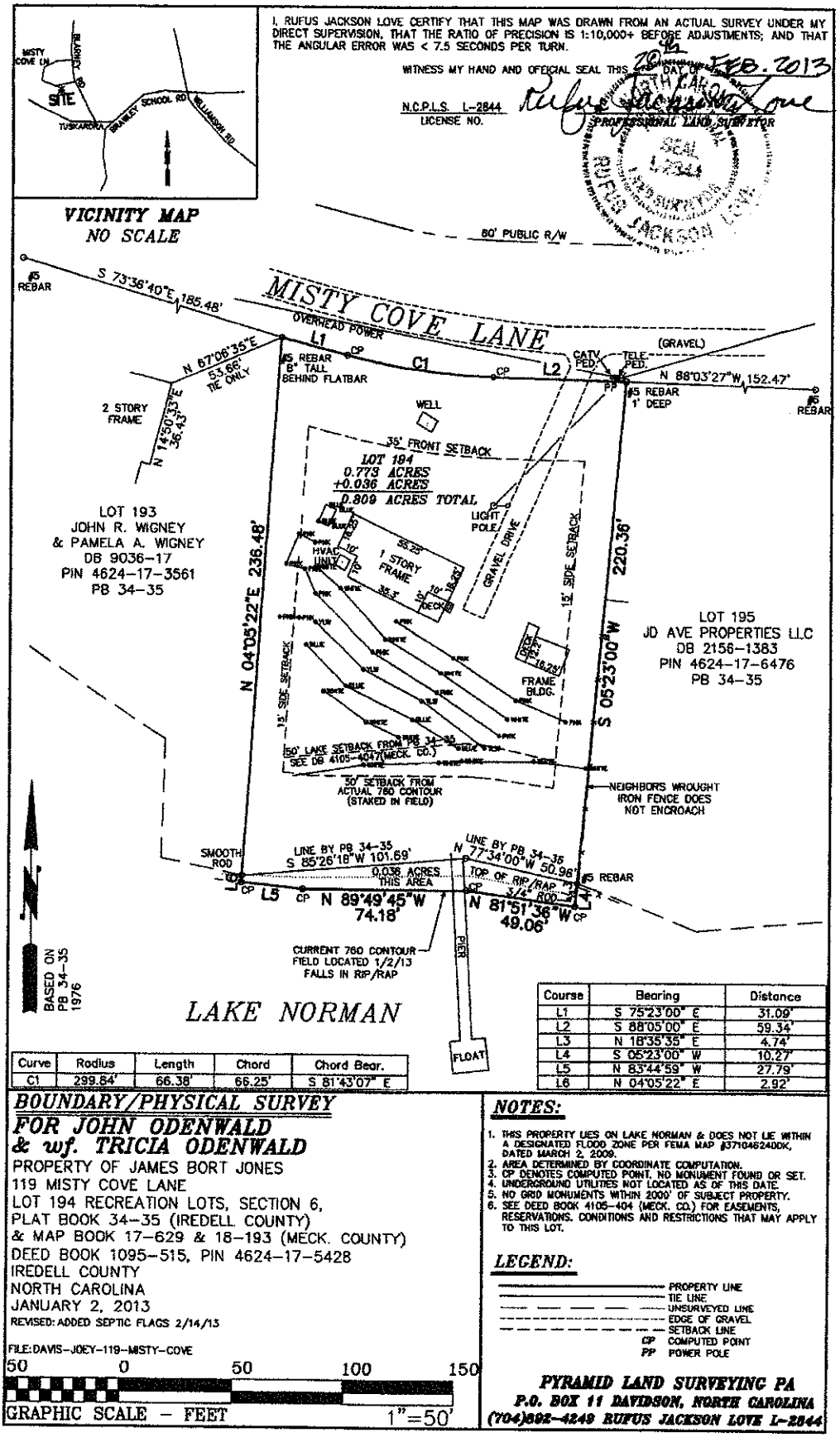


Curve	Radius	Length	Chord	Chord Bear.
C1	299.84'	66.38'	66.25'	S 81°43'07" E

Course	Bearing	Distance
L1	S 75°23'00" E	31.09'
L2	S 88°05'00" E	59.34'
L3	N 18°35'35" E	4.74'
L4	S 05°23'00" W	10.27'
L5	N 83°44'59" W	27.79'
L6	N 04°05'22" E	2.92'

BOUNDARY/PHYSICAL SURVEY
FOR JOHN ODENWALD & wf. TRICIA ODENWALD

PROPERTY OF JAMES BORT JONES
119 MISTY COVE LANE
LOT 194 RECREATION LOTS, SECTION 6,
PLAT BOOK 34-35 (IREDELL COUNTY)
& MAP BOOK 17-629 & 18-193 (MECK. COUNTY)
DEED BOOK 1095-515, PIN 4624-17-5428
IREDELL COUNTY
NORTH CAROLINA
JANUARY 2, 2013
REVISED: ADDED SEPTIC FLAGS 2/14/13

FILE: DAVIS-JOEY-119-MISTY-COVE

50 0 50 100 150
GRAPHIC SCALE - FEET 1"=50'

NOTES:

1. THIS PROPERTY LIES ON LAKE NORMAN & DOES NOT LIE WITHIN A DESIGNATED FLOOD ZONE PER FEMA MAP #3710464200K, DATED MARCH 2, 2009.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. NO GRID MONUMENTS WITHIN 2000' OF SUBJECT PROPERTY.
6. SEE DEED BOOK 4105-404 (MECK. CO.) FOR EASEMENTS, RESERVATIONS, CONDITIONS AND RESTRICTIONS THAT MAY APPLY TO THIS LOT.

LEGEND:

PROPERTY LINE
TIE LINE
UNSURVEYED LINE
EDGE OF GRAVEL
SETBACK LINE
CP COMPUTED POINT
PP POWER POLE

PYRAMID LAND SURVEYING PA
P.O. BOX 11 DAVIDSON, NORTH CAROLINA
(704)892-4249 RUFUS JACKSON LOVE L-2844

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: **1 OF 1**
PIN #: **4624-17-5428**
Lot #: **194**
Permit #: **176718**
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **JOHN ODENWALD**
Applicant: **SAME**
Address: **2804 WHALENECK DR. NY, NY 11566**
Date Evaluated: **2/6/2013**
Proposed Facility: **SFR** Design Flow (.1949) **480** Property Size: **.809 AC**
Location of Site: **CL&T-6-194** Property Recorded: **YES**
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		b PROFILE FACTORS				
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
AB 1	LINEAR 4%	0-30	RD,M,SBK	SS,FR	NA	48"	FEW @ 30"	NA	.3
		30-48	RCL,M,SBK	SS,VFR					
AB 2	LINEAR 4%	0-44	RC,M,SBK	SS,FR	NA	48"	COMM @ 44"	NA	.3
		44-48	RCL,M,SBK	SS,VFR					
AB 3	LINEAR 4%	0-48	RD,M,SBK	SS,FR	NA	48"	NA	NA	.3

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25% + BED	LP PANEL BLOCK
Site LTAR	.3	.3

Other Factors (.1946): **EXISTING BED WORTH 2 BED ROOMS**
Soil Evaluation By: **BEN ALDRIDGE**
Others Present: **RUSSELL WILLIAMS**
Site Classification (.1948): **PS**
Site Evaluation By: **BEN ALDRIDGE**
Others Present: **RUSSELL WILLIAMS**

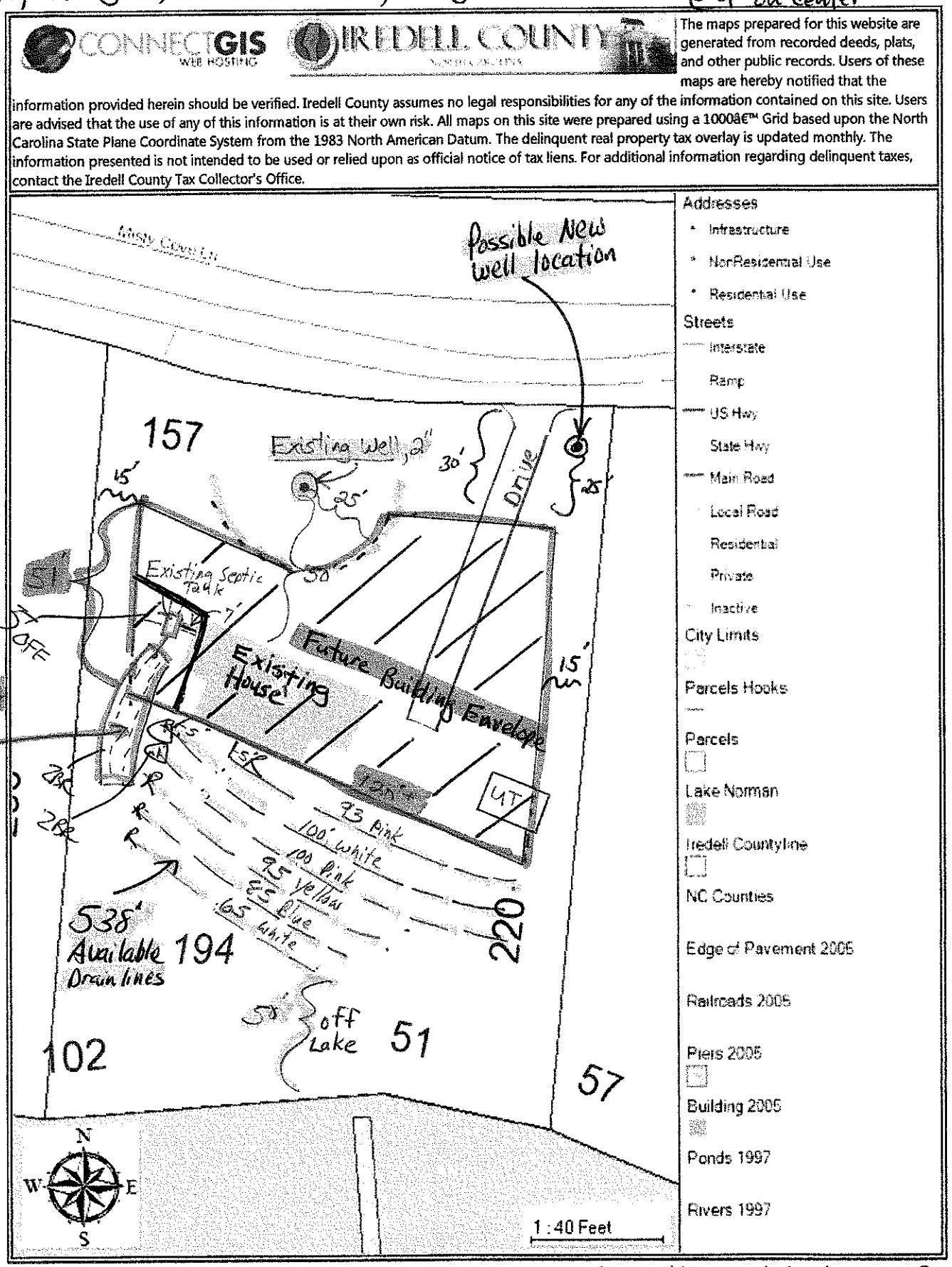
AB#1 6-30 RC MSBK SS FR
30-48 RC MSBR SSUFR
FEW SAP

AB#2 0-44 RC MSBK SS FR
44-48 RC LMS BR SS UFR
FEW/COM SAP

AB#3 0-48 RC MSBR SS FR

6/30/15
Per John Brooks
New Drinking
water well permit
has to be
issued prior to
AC because of
existing well to close
to house being used
as irigation

Septic System Site Plan for 114 Misty Cove Ln. Mooresville, NC
4-BR, 480 gpd, LTAR - ~0.3, 1000 gal septic Tank. 538' linear feet available @ 9' on center



Current building envelope available is 51'x 120'+, could be larger if existing well is abandoned and relocated near the road right of way.