IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 BA Mooresville Office (704) 660-3625 PERMIT # 20 9937

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4615-80-5214

APPLICANT: Andrew Roby Jr APPLICANT ADDRESS: 2000 W. Morehead St Charlotte 28208

SITE ADDRESS: 538 Stonemarker Rd PHONE: 704-334-5477 ALT. PHONE:

SITE DIRECTIONS: Brawley Sch Rd, TR on Stonemarker, Around point 1st on R

SUBDIVISION: CLAT SECTION: 6 LOT # 149 LOT AREA: 0.66ac DESIGN FLOW: 360gpd L.T.A.R.:

Septic Tank EXISTING (gal) STB Date
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines EXISTING Linear Ft:
Trench Width EXIST Max. Trench Bottom Depth EXIST Gravel Depth

☐ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI
System Description: EXISTING Gravel/Cinder Bed
Repair System Description:
Maintenance Agreement Required: ☐ YES ☐ NO ☐ GRAVITY ☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☑ Slab ☐ Basement w/plumbing
No. Bedrooms 3 No. Persons 6 No. Employees ☐ Crawl Space

Water Supply: ☑ Private EXISTING ☐ Public ☐ Community
☐ Basement w/o plumbing

Comments / Conditions:

* This permit is for the reuse of an existing 3 bedroom system permitted in 1965, reinspected 1981, and 1985.
* This permit is for the construction of a 1 bedroom carriage house.
* System appeared to be functioning fine at time of inspection, existing home was demolished at time of inspection

INITIAL SITE SKETCH

AS BUILT SKETCH

SEE SUBMITTAL BY SOIL & FORESTRY SERVICES OF THE CAROLINAS

(Dated April 30, 15, Approved 5-14-15) AZP

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ **IMPROVEMENT PERMIT** *with plan valid without expiration* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 5/14/2015 Installed by:

IMPROVEMENT PERMIT by: Date: OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: Existing System Inspected by: Date: 5-14-15

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

APPROVED MAY 14 2015
AZP

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

April 30, 2015
S&FS Job#15-1025

Iredell County Health Department
Attn: Adrian Pruett
610 E. Center Avenue
Mooresville, NC 28115

RE: Fast Track Submittal for 538 Stonemarker

Adrian:

S&FS has been contracted to submit septic related information for a Fast Track application at 538 Stonemarker Road. Our client, Andrew Roby (General Contractor), proposes to construct a 1-bedroom carriage house on the parcel. As you know a 3 bedroom home and detached garage have recently been removed from the property. In addition, 1 of 2 existing wells was recently abandoned.

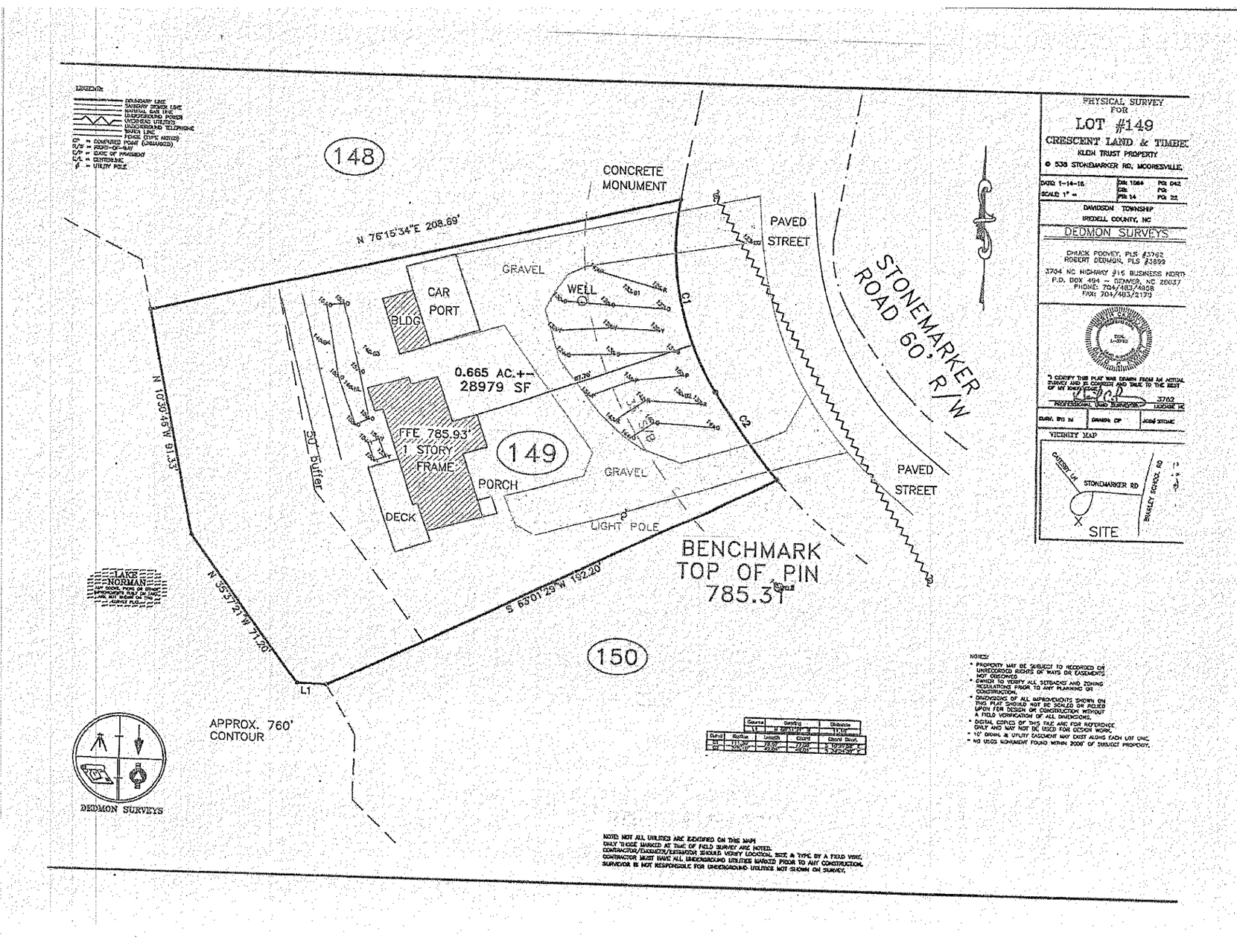
S&FS has delineated the existing septic tank and gravel bed in the field. The septic tank was outlined in yellow pin flags with the bed marked in orange. Both the septic tank and gravel bed are outside the 50' lake buffer as flagged by others using blue/white striped tape.

We propose using the existing septic tank and gravel bed for supporting the carriage house. The lot was originally permitted in the 1960's and is repair exempt. As such we are not turning in soil profile descriptions with the application. Attached please find a site plan as well as house plans. The architect has stated there will be no foundation drain between the retaining wall closest to the gravel bed. Also the plan provides 25' between the existing well and carriage house. Please contact me if you need additional information.

Thanks,

Wendell Overby
NC Licensed Soil Scientist
NC Registered Forester

Attachment


LEGEND:
BOUNDARY LINE
SANITARY SEWER LINE
NATURAL GAS LINE
UNDERGROUND POWER
OVERHEAD UTILITIES
UNDERGROUND TELEPHONE WIRES LINE
FENCE (TYPE NOTED)
CONCRETE RIGHT (MONUMENT)
POST-OF-WAY
EDGE OF PAVEMENT
CENTERLINE
UTILITY POLE
148
CONCRETE MONUMENT
N 76°15'34"E 208.69'
GRAVEL
CAR PORT
BLDG
WELL
PAVED STREET
STONEMARKER ROAD 60' R/W
0.665 AC.+-
28979 SF
FFE 785.93'
1 STORY FRAME
PORCH
DECK
149
GRAVEL
PAVED STREET
LIGHT POLE
50' Buffer
N 10°30'45"W 91.33'
N 35°37'21"W 77.20'
S 63°01'29"W 192.20'
BENCHMARK
TOP OF PIN
785.31
LAKE NORMAN
150
L1
APPROX. 760' CONTOUR
DEDMON SURVEYS
PHYSICAL SURVEY
FOR
LOT #149
CRESCENT LAND & TIMBER
KLEIN TRUST PROPERTY
@ 533 STONEMARKER RD, MOORESVILLE
DATE: 1-14-15
SCALE: 1" =
DB: 1084
PG: 042
CB:
PG:
PB: 14
PG: 32
DAVIDSON TOWNSHIP
IREDELL COUNTY, NC
DEDMON SURVEYS
CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY 115 BUSINESS NORTH
P.O. BOX 494 ~ DENVER, NC 28037
PHONE: 704/483/4608
FAX: 704/483/2179
I CERTIFY THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY AND IS CORRECT AND TRUE TO THE BEST OF MY KNOWLEDGE.
PROFESSIONAL LAND SURVEYOR
3762
LICENSE NO.
SURV. BY: N
DRAWN BY:
JOB# 151346
VICINITY MAP
CRESCENT LN
STONEMARKER RD
BAILEY SCHOOL RD
SITE
NOTES:
* PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT SHOWN.
* OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
* DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR BOOKS OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
* DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
* 10' DRAIN, & UTILITY EASEMENT MAY EXIST ALONG EACH LOT LINE.
* NO USGS MONUMENT FOUND WITHIN 2000' OF SUBJECT PROPERTY.
NOTE: NOT ALL UTILITIES ARE IDENTIFIED ON THIS MAP.
ONLY THOSE MARKED AT TIME OF FIELD SURVEY ARE NOTED.
CONTRACTOR/ENGINEER/ARCHITECTS SHOULD VERIFY LOCATION, SIZE & TYPE BY A FIELD VISIT.
CONTRACTOR MUST HAVE ALL UNDERGROUND UTILITIES MARKED PRIOR TO ANY CONSTRUCTION.
SURVEYOR IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES NOT SHOWN ON SURVEY.

LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
ϕ = UTILITY POLE

PB 14-22

148

~~APPROVED MAY 14 2015~~

APPROVED MAY 14 2015

149

150

PB 14-22

#4 PIN N 76°15'34"E 208.69'

N 10°30'46"W 91.33'

TOP RIP RAP

N 35°57'21"W 71.20'

L1 #4 PIN

S 63°01'29"W 192.20'

#4 PIN

BENCHMARK
TOP OF PIN
785.31

APPROX. 760' CONTOUR

50' buffer

35' S/B

R/W

CONCRETE MONUMENT

WELL

PAVED STREET

STONEMARKER ROAD 60' R/W

PAVED STREET

R/W

PB 14-22

R/W

71'-0" VERIFY

46'-0"

25'-0"

50'-10½" FOUNDATION

TO ADJOINING PROPERTY

RETAINING WALL

784.75

11'-6"

10'-0"

RETAINING WALL

5'-0"

784.68

15.6' FOUNDATION

4'-0"

MECH PADS

STOOP

PAVERS / STEPS

STOOP

784.50

TERRACE

785.00
SLAB

GRAVEL BED

41.7' FOUNDATION

784.50

R8'-0"

R22.94'

SEPTIC TANK

TYPA DRAINFIELD

NEW DRIVE

RETAINING WALL

+784.00

42'-0"

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT

0.665 AC.+-
28979 SF

DEDMON SURVEYS

Course	Bearing	Distance
L1	N 88°31'21" W	11.18'

Curve	Radius	Length	Chord	Chord Bear.
C1	111.39'	76.67'	77.08'	S 10°29'58" E
C2	318.10'	42.04'	42.01'	S 34°34'30" E

* A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN AS DESIGNATED BY FIRM PANEL # 3710461500E EFFECTIVE DATE: 3-18-2008

NOTE: NOT ALL UTILITIES ARE IDENTIFIED ON THIS MAP! ONLY THOSE MARKED AT TIME OF FIELD SURVEY ARE NOTED. CONTRACTOR/ENGINEER/ESTIMATOR SHOULD VERIFY LOCATION, SIZE & TYPE BY A FIELD VISIT. CONTRACTOR MUST HAVE ALL UNDERGROUND UTILITIES MARKED PRIOR TO ANY CONSTRUCTION. SURVEYOR IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES NOT SHOWN ON SURVEY.

PHYSICAL SURVEY
FOR

LOT #149

CRESCENT LAND & TIMBER

KLEIN TRUST PROPERTY

538 STONEMARKER RD, MOORESVILLE, NC

DATE: 1-14-15	DB: 1084	PG: 042
SCALE: 1" = 20'	DB:	PG:
	PB: 14	PG: 22

DAVIDSON TOWNSHIP
IREDELL COUNTY, NC

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899

3704 NC HIGHWAY #16 BUSINESS NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170

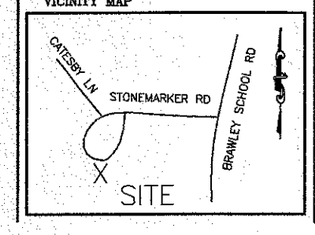
NORTH CAROLINA PROFESSIONAL ENGINEER AND LAND SURVEYOR SEAL L-3762

"I CERTIFY THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY AND IS CORRECT AND TRUE TO THE BEST OF MY KNOWLEDGE."

3762
PROFESSIONAL LAND SURVEYOR LICENSE NO.

SURV. BY: hl	DRAWN: CP	JOB# STONE

VICINITY MAP



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20 0 20 40 60

GRAPHIC SCALE - FEET

1"=30'