IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 243319

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

PIN # 4649111258.000

APPLICANT/OWNER: Hidden Meadows Ventures | APPLICANT ADDRESS: Po Box 4628 Mooresville NC 28117.

SITE ADDRESS: 179 Hidden Meadows Drive Mooresville NC 28117 | PHONE: 919 606 5852 | ALT. PHONE –

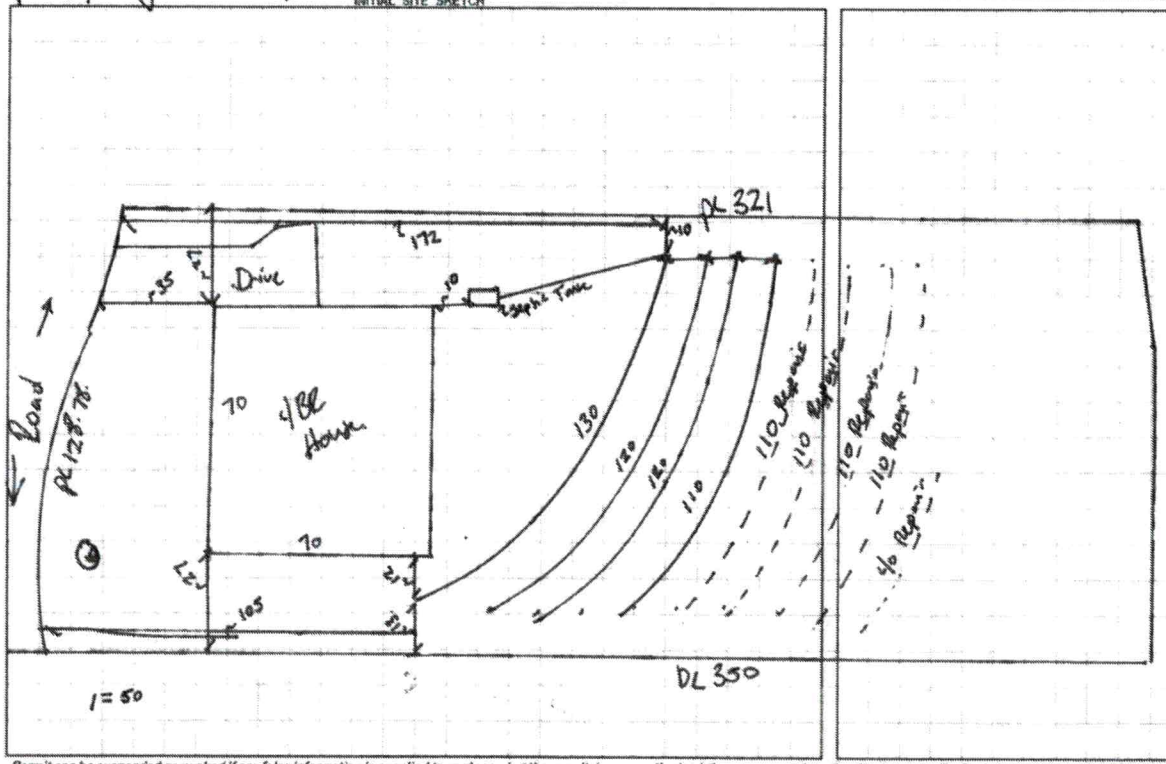
SITE DIRECTIONS: Hwy 150 to Perth Rd - Past Rocky Mtn Methodist Church. | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Hidden Meadows | SECTION: – | LOT # 8 | LOT AREA: .985 Acres | DESIGN FLOW: 480 | L.T.A.R.: .25

Septic Tank 1000 (gal)	STB 760	Date 2-27	☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank (gal)	PT	Date	System Description: Gravity 25% Reduction	☐ Business	No. Persons 8	☒ Private
Pump Make	Model	Serial #	Repair System Description: Gravity 25% Reduction	☐ Other	No. Employees	☐ Public
# Nitrification Fields	# Lines 4	Linear Ft 480	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36	Trench Bottom Depth(Low side) 32	Gravel Depth ✓	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

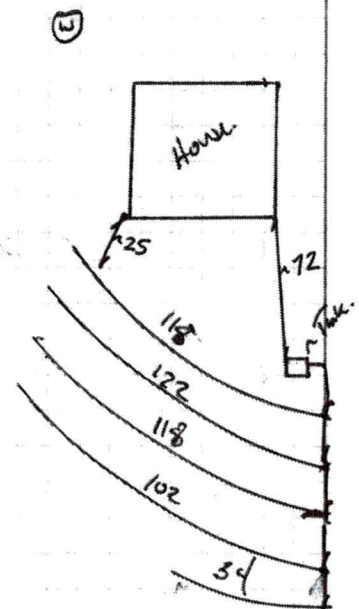
Comments / Conditions: Install Septic drainlines on the contour of the Land and utilize Serial distribution - Do not exceed max depth of 36 inches - Do not Drive over, pave, grade or lay utilities in drainfield area.

INITIAL SITE SKETCH



AS BUILT SKETCH

NTS



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 plat, 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: [signature] Date: 4/30/19 Installed by: Hutts Grading

IMPROVEMENT PERMIT by: Benjamin A Bottoms Date: 4/25/2019 OPERATION PERMIT by: Benjamin A Bottoms Date: 5-4-2020.

AUTHORIZATION TO CONSTRUCT by: Kayla Wilson Date: 10-10-19 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.



LEGEND

Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.

House Footprint (70'X70')

System lines.

Repair lines.

Temporary Bench Mark (TBM)

(W) Well Location. (25) Boring Location.

130
120
120
110 370
H10

GRAPHIC SCALE
1" = 50'

500 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

243319 179 Hidden Meadows

SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA.

P.O. BOX 832
MOORESVILLE, NC 28115
PHONE/FAX: (704) 278 - 0989

ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ashleyrollans@gmail.com

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: RICHARD DENZLER / HIDDEN MEADOWS SUBDIVISION

LOCATION/DATE: PERTH ROAD – HIDDEN MEADOWS IREDELL COUNTY, NORTH CAROLINA FEBRUARY 2019

JOB # :	18-0108
FILE:	C:\JOBS\18-0108
PROJECT MGR.:	S.A.R.
FIELD WORK:	S.A.R.
DRAWN BY:	S.A.R.

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

Sheet 1 of 1
PROPERTY ID #: —
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM** Lot 8
(Complete all fields in full)

OWNER: Hidden Meadows Ventures
ADDRESS: PO Box 4628 MVC
PROPOSED FACILITY: 4/BR Home
LOCATION OF SITE: 179 Hidden Meadows Lot 8
APPLICATION DATE: 3/29/19
DATE EVALUATED: 4/17/19
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: .91ac
PROPERTY RECORDED: NO
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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Side 8-10%	0-7	SC ABk	SS Sp FR SEXP	2.5YR 4/6	60	—	H_2O Bleeding @ 20 inches	PS .25
		7-38	C SBK/ABk	SS Sp FR					
		38-60	CL WSBK	SS Sp FR					
2	Side 10%	0-33	C SBK/ABk	SS Sp FR SEXP	2.5YR 4/6	60	—	H_2O Bleeding @ 12 inches upper 20 inch int.	PS .25
		33-60	CL WSBK	SS Sp FR					
3	Side 10%	0-26	C SBK/ABk	SS Sp FR SEXP	2.5YR 4/6	60	—	—	PS .275
		26-60	CL WSBK	SS Sp FR					
4	Side 10%	0-9	SC WSBK/ABk	SS Sp FR SEXP	2.5YR 4/6	48	—	Wet Upper Horizon	PS .25
		9-29	C SBK/ABk	SS Sp FR					
		29-48	CL WSBK	SS Sp FR					

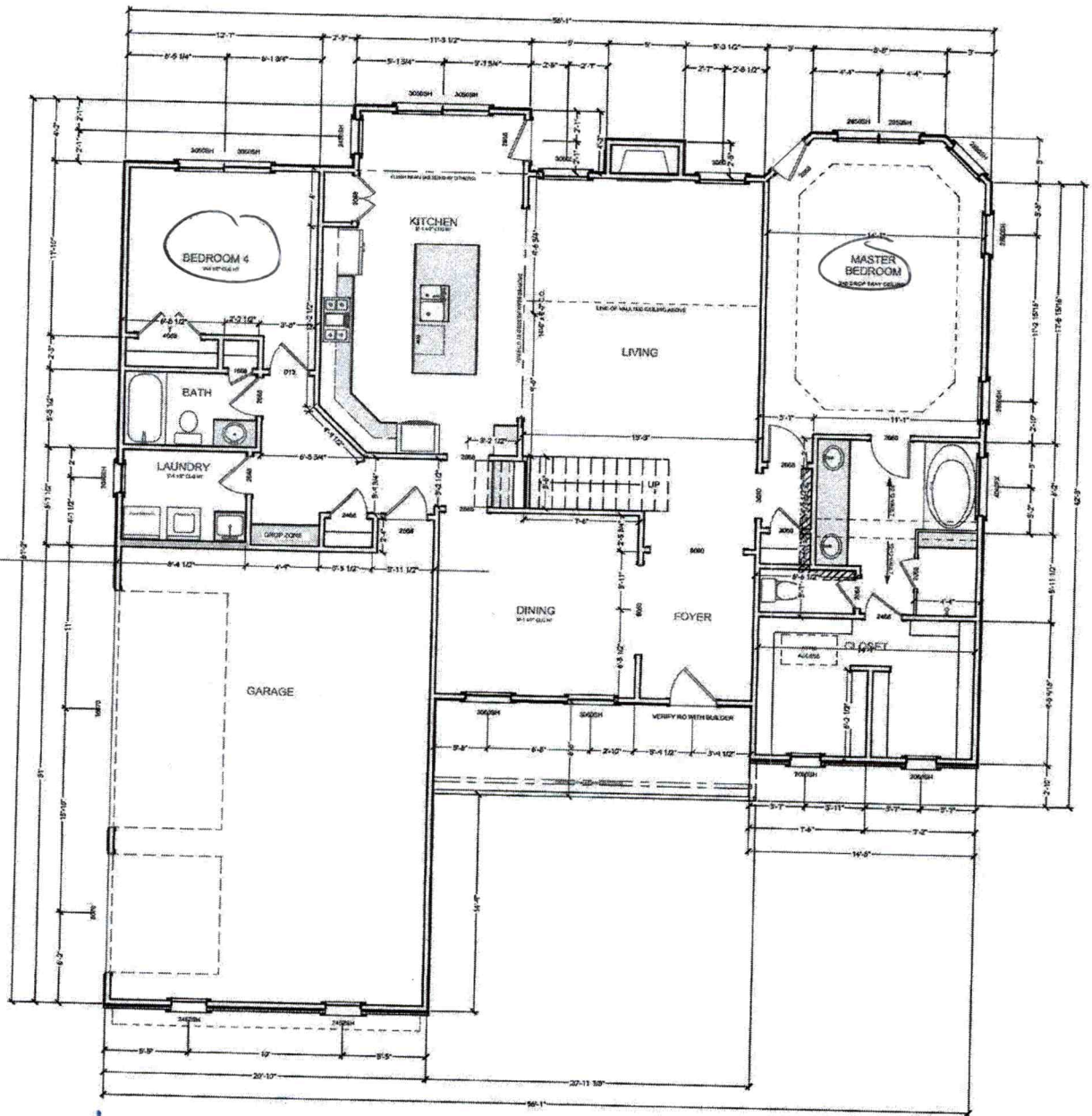
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480	480
System Type(s)	III 25%	III 25%
Site LTAR	.25	.25

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bottoms.
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

Sandbridge



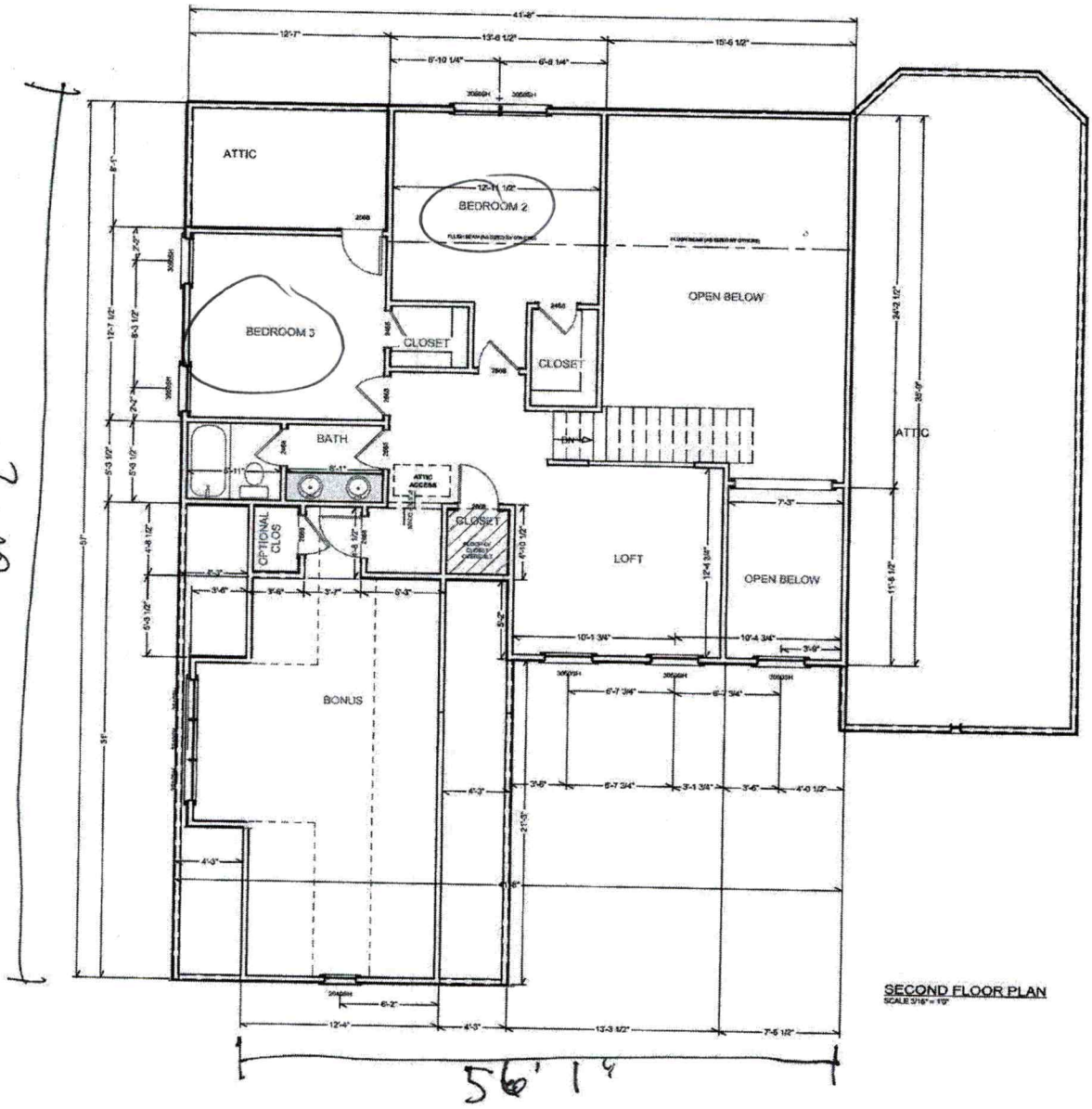
FIRST FLOOR PLAN
SCALE 3/16" = 1'0"

Acknowledgement of
Plans Submittal ONLY!

9/27/19 Date

Date 10-10-19

Sandbridge



SECOND FLOOR PLAN

Acknowledgement of Plans Submittal ONLY!

9/27/19 Date

Date 10-10-19