ICHD–ENVIRONMENTAL HEALTH DIVISION

Lakemist Homes

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

PERMIT # 245796

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

PIN # 4649018581.000

APPLICANT/OWNER: Hidden Meadows Ventures | APPLICANT ADDRESS: P.O. Box 4628 Mooresville, NC 28117

SITE ADDRESS: 170 Hidden Meadows Dr. Mooresville, NC | PHONE: 919606-5852 | ALT. PHONE

SITE DIRECTIONS: Hwy 150 W TR Perth Rd TR Hidden Meadows Dr. right after Rocky Mt. Church | SAP CONTROLLED: ☐ YES ☒ NO

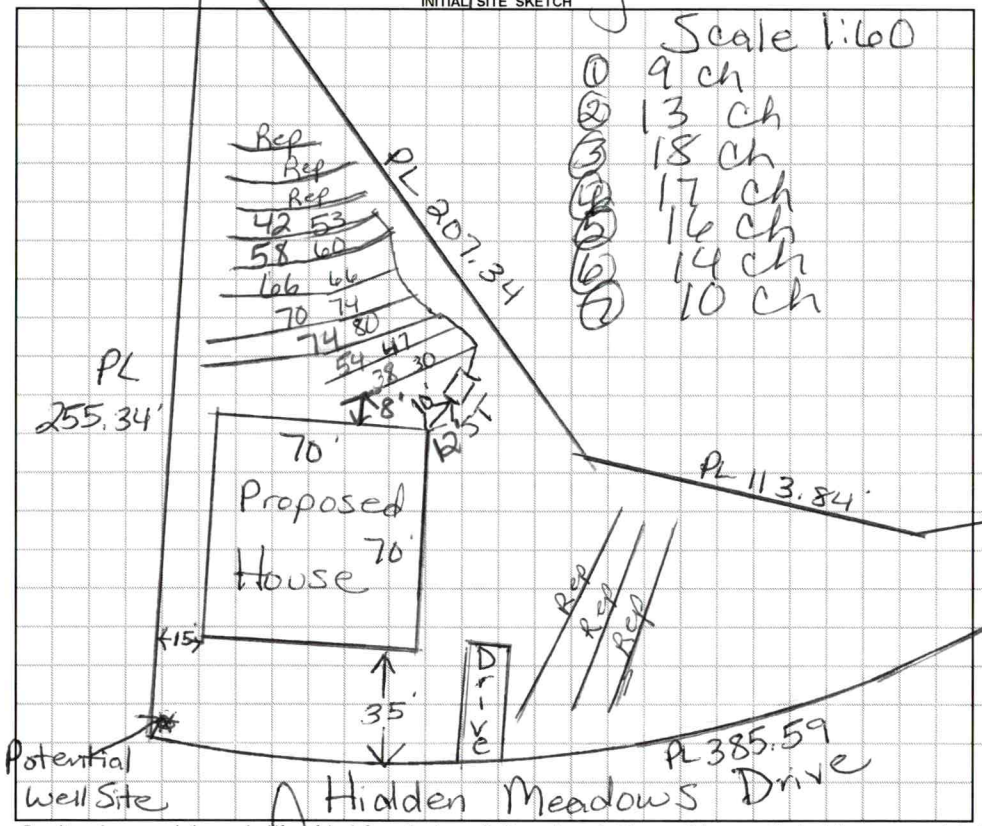
SUBDIVISION: Hidden Meadows | SECTION: | LOT # 28 | LOT AREA: .797 Ac. | DESIGN FLOW: 480gpd | L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	11-18-20	☐ 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:	Hoot LP PPBPS w/ Cover	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	7	Linear Ft	min 400 ft	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth (Low side) max	36" Initial	Gravel Depth	N/A	☒ GRAVITY	☐ PRESSURE	☐ Basement w/ plumbing			☐ Basement w/o plumbing

Comments / Conditions: 18" Repair
Divert Storm/surface water away from Septic System.

ST 12ft from house
Upper drain line 8ft from deck

INITIAL SITE SKETCH



AS BUILT SKETCH

Lot must be recorded prior to issuance of AC

New PIN needed

IMPROVEMENT PERMIT ONLY---

DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

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**

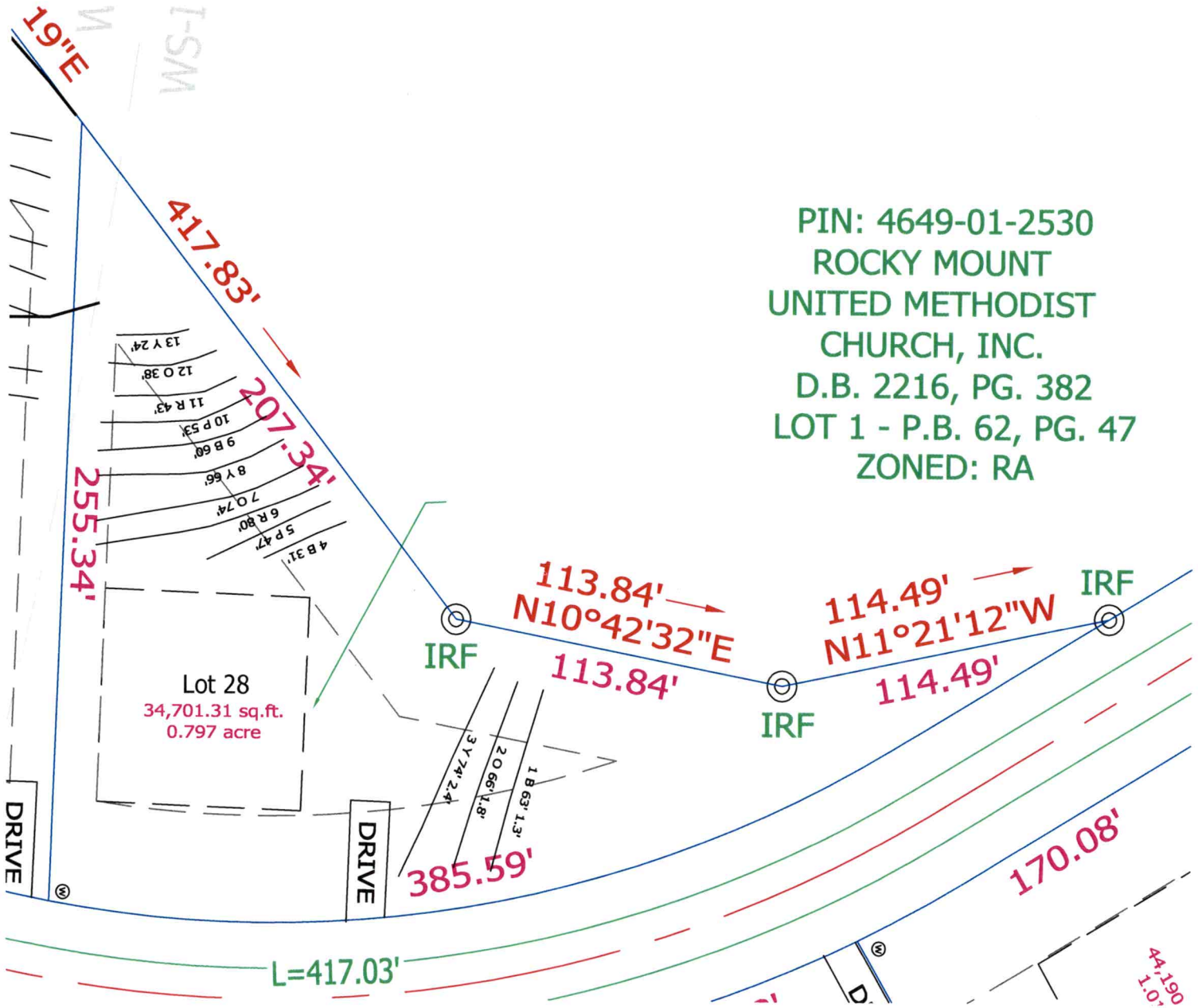
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 9/14/20 Installed by: Neil Styles

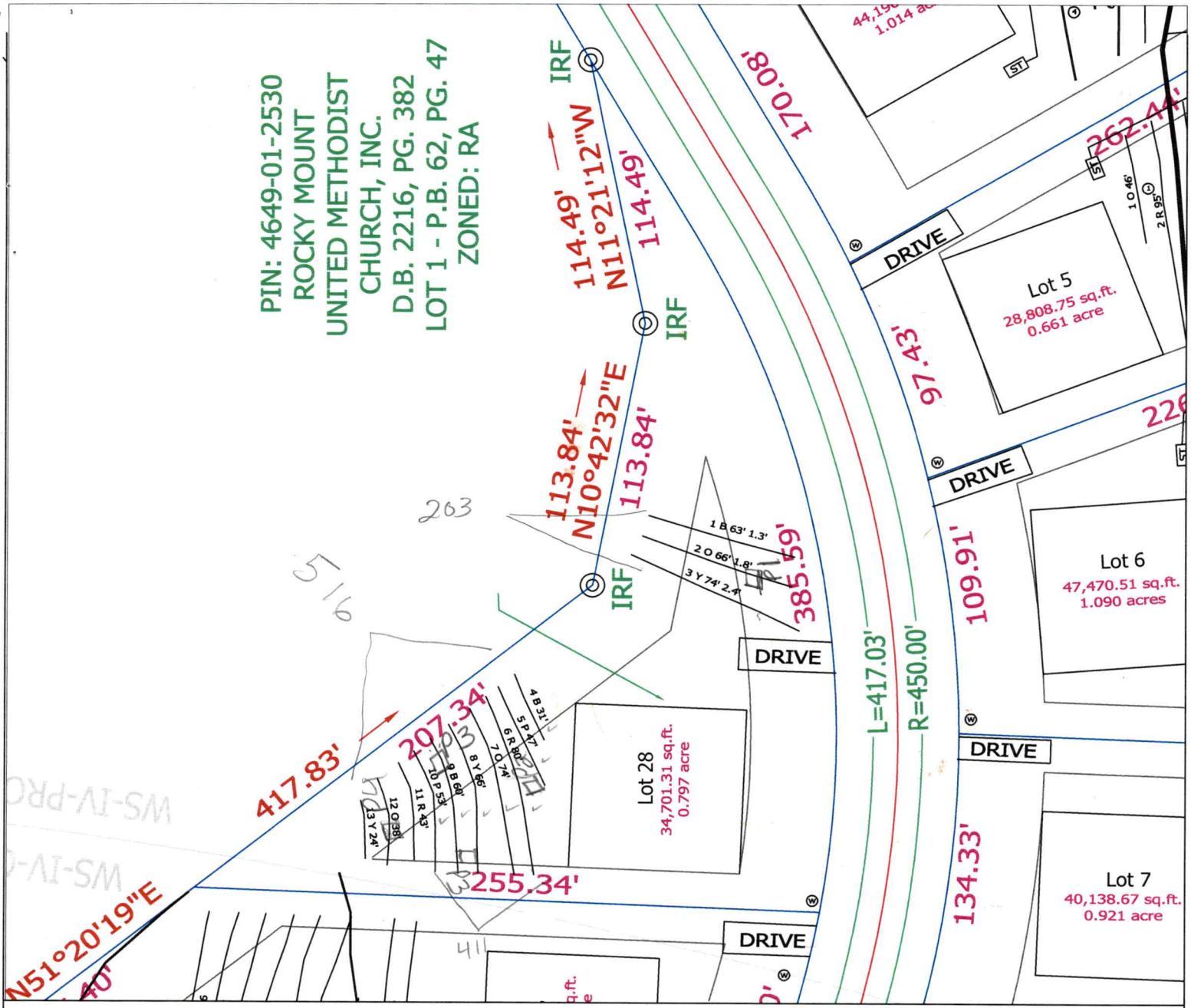
IMPROVEMENT PERMIT by: Maria Dotson Date: 7/23/19 OPERATION PERMIT by: Maria Dotson Date: 2/3/2021

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 9/11/20 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.


19"E
417.83'
207.34'
255.34'
PIN: 4649-01-2530
ROCKY MOUNT
UNITED METHODIST
CHURCH, INC.
D.B. 2216, PG. 382
LOT 1 - P.B. 62, PG. 47
ZONED: RA
Lot 28
34,701.31 sq.ft.
0.797 acre
113.84'
N10°42'32"E
113.84'
114.49'
N11°21'12"W
114.49'
IRF
IRF
IRF
DRIVE
DRIVE
385.59'
170.08'
L=417.03'

1:50 Scale



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'); Staked by Surveyor

System lines.

Repair lines.

Temporary Bench Mark (TBM) or House Elev.

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

P4 full of water

GRAPHIC SCALE
1" = 60'

60 0 60 120

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

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 ____ of ____
PROPERTY ID #: ____
COUNTY: Iredell

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

OWNER: Hidden Meadow Ventures — APPLICATION DATE: 6/19/19
ADDRESS: P.O. Box 4628 Mooresville, NC — DATE EVALUATED: 6/28/19
PROPOSED FACILITY: House — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: .794 Acres
LOCATION OF SITE: Hidden Meadows #28 — 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) .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	5%	0-8	Brw SCL	wSBK SS, SP, SExp, FR			–	–	PS .3
		8-22	RC M-C	wSBK SS, SP, SExp, FR					
		22-55	RCL	wSBK SS, SP, SExp, FR					
			common Mica		—	55"			
2	10%	0-6	Brw SCL	wSBK SS, SP, SExp, FR			–	–	PS .3
		6-20	RC m-C	wSBK SS, SP, SExp, FR					
		20-60	RCL	wSBK SS, SP, SExp, FR					
					—	60"			
3	8%	0-9	Brw SCL	wSBK SS, SP, SExp, FR			–	–	PS .3
		9-30	RC m-C	wSBK SS, SP, SExp, FR					
		–	Vein of Quartz Rock		26-30"	FR			
		30-56	RCL	wSBK SS, SP, SExp, FR	—	56"			
4	8% 7/16/19 7/22/19	0-8"	Brw SCL	wSBK SS, SP, SExp, FR			–	–	PS .3 to 34"
		8-30"	RC m-C	wSBK SS, SP, SExp, FR					
		30-34	RCL	wSBK SS, SP, SExp, FR					
		Water in Pit @ 30			" —	34"			
		Water in Pit @ 34							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	50% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: ____

COMMENTS: ____