BldR-2023-17069

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # RELAY-2023-12944

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

PIN # 4645-07-2190 ✓

APPLICANT / OWNER: Titan Custom Builders | APPLICANT ADDRESS: 331 Alcove Rd Suite 103, Mooresville, NC 28117

SITE ADDRESS: 115 MYERS PORT WAY, MOORESVILLE, NC 28117 ✓ | PHONE: (704) 201-6705 | ALT. PHONE:

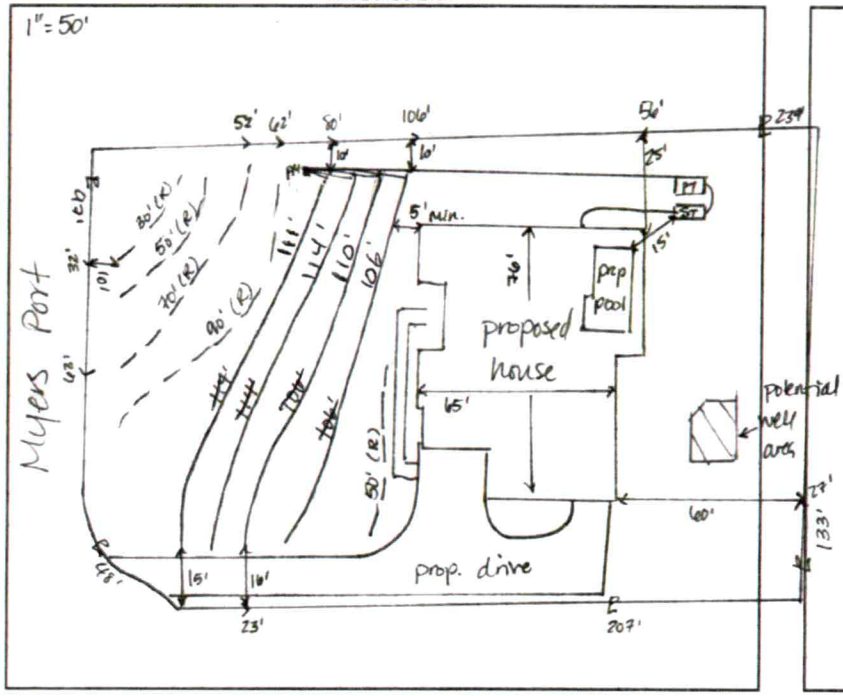
SITE DIRECTIONS: S Williamson -> R Alcove -> R Templeton -> L Camino Real -> R Myers Port -> Lot on L | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Helms Port on Lake Norman ✓ | SECTION: | LOT #: 3 ✓ | LOT AREA: 0.709 | DESIGN FLOW: 480 | L.T.A.R.: 0.275

Septic Tank: 1000 (gal)	STB:	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: 1000 (gal)	PT:	Date:	System Description: 25% Reduction - PM		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: LP-PPBPS		☐ Other	No. Employees: 0	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 440	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 30		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield. Divert drainage from drainfield, install on contour. Keep system 5' from foundation. Pressure manifold: 2" supply line, 2' pressure head. Use 1/2" SCH 80 taps each line. Dose: 200.2 g Flow: 21.92 gpm Runtime: 9.1 min Drawdown: 9.5"
Repair area must be intact or permit will be revoked.

INITIAL SITE SKETCH



AS BUILT SKETCH

Tanks ? SH
Floats ? 10/6/23
10-11-2023 BCW
- DRAINLINES
- P. MH
- SUPPLY
- ALARM

Irrigation disconnected at time of inspection.

Reconnection without moving water lines will violate setbacks

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: | Date:

IMPROVEMENT PERMIT by: D. Wiebey | Date: 2/17/23

AUTHORIZATION TO CONSTRUCT by: D. Wiebey | Date: 2/17/23

Installed By: Precision

OPERATION PERMIT by: D. Wiebey | Date: 2/29/24

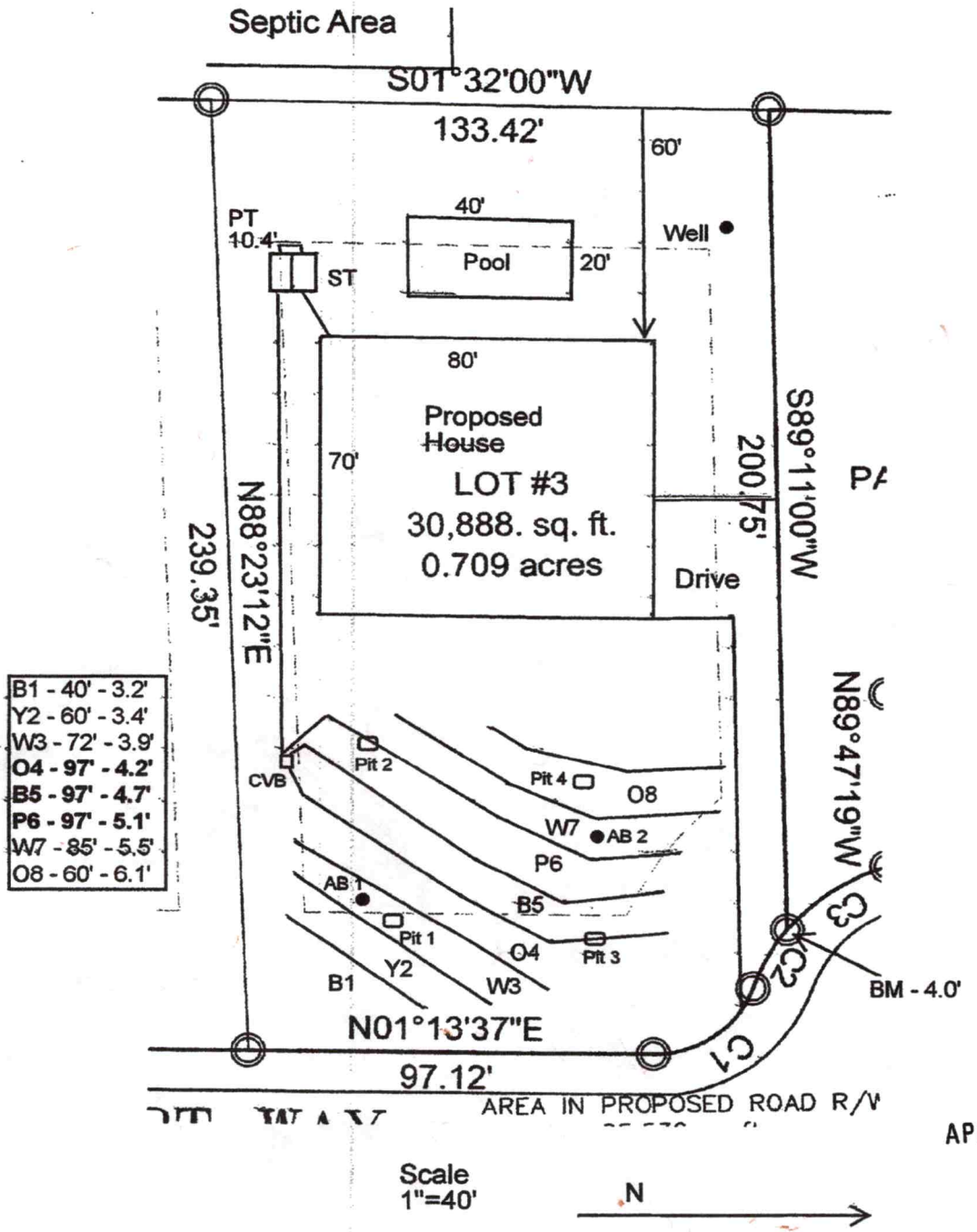
Existing System Inspected By: | Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

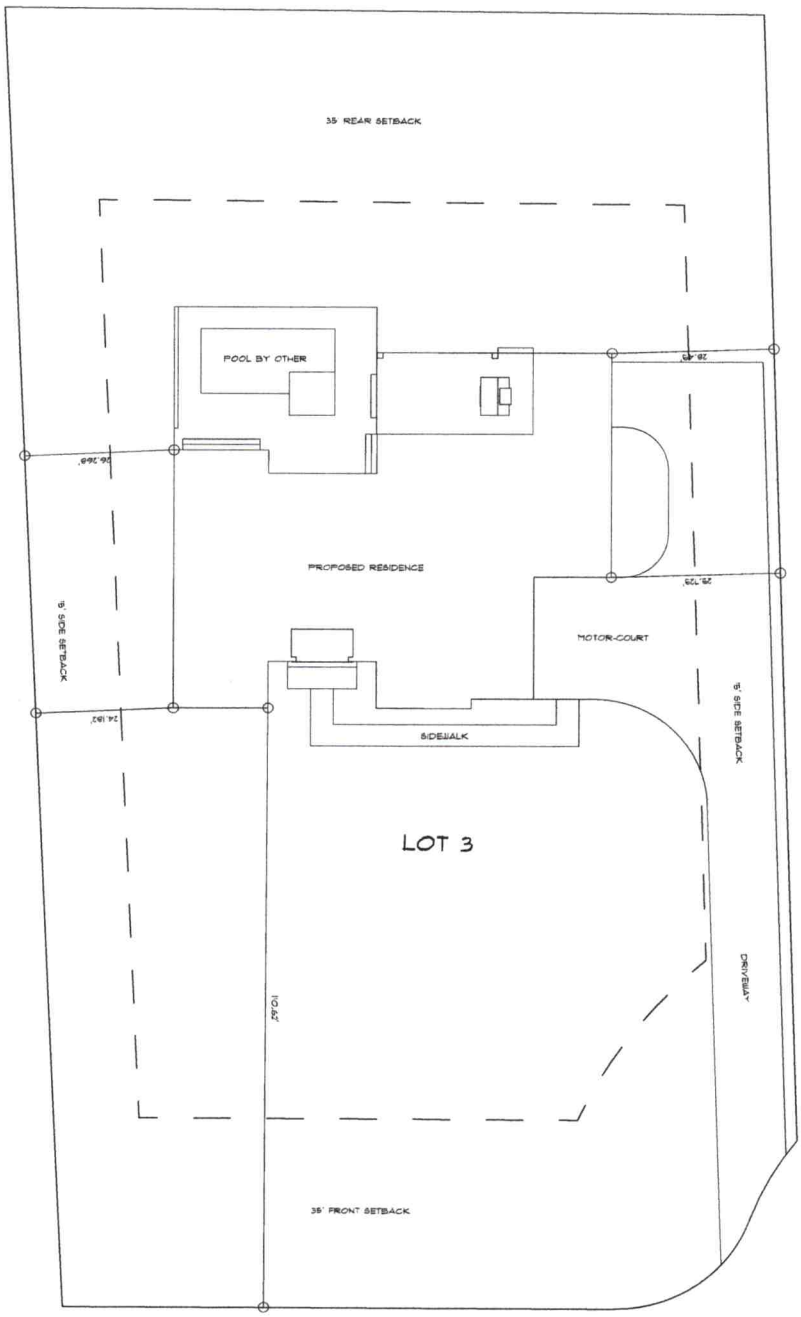
Do not reconnect irrigation w/o moving all water lines 10' from septic

	Date	Initials
Drain Lines Checked	10/11/23	BW
Tanks Checked	10/10/23	SH
Pressure Manifold or Valve Box Checked	10/10/23	BW
Pressure Head Set		
Electrical Checked	2/27/24	DW
Floats Set	10/10/23	SH
Alarm Checked	2/27/24	DW
Maintenance Contract (Y) / N		
Disconnect Irrigation	2/29/24	DW
6" riser on pump tank	2/29/24	DW

TAPPAN REAL
ESTATE INVESTORS
DB 1900 PG 59
PARCEL #4645071100



APPROVED MAR 2 0 202
KW



MYERS PORT WAY

SITE PLAN

SCALE: 1" = 10'-0"

DATE: 01.17.2023

SHEET SP

THESE PLANS ARE THE PROPERTY OF ELITE DESIGN GROUP AND ARE PROTECTED UNDER THE TERMS AND CONDITIONS OF THE UNITED STATES COPYRIGHT LAWS. WHEN YOU PURCHASE A PLAN FROM US, YOU ARE LICENSED TO BUILD ONLY ONE RESIDENCE. CONSTRUCTION DOCUMENT PRINTS MAY NOT BE COPIED OR REDRAWN. HOWEVER PURCHASING YELLOWPRINTS ALLOWS YOU TO MAKE COPIES AND/OR DRAFTING CHANGES FOR ONE TIME CONSTRUCTION. ELITE DESIGN GROUP DOES NOT MAKE PLANS AVAILABLE WITHIN A 30 MILE RADIUS OF DOWNTOWN CHARLOTTE, NORTH CAROLINA.

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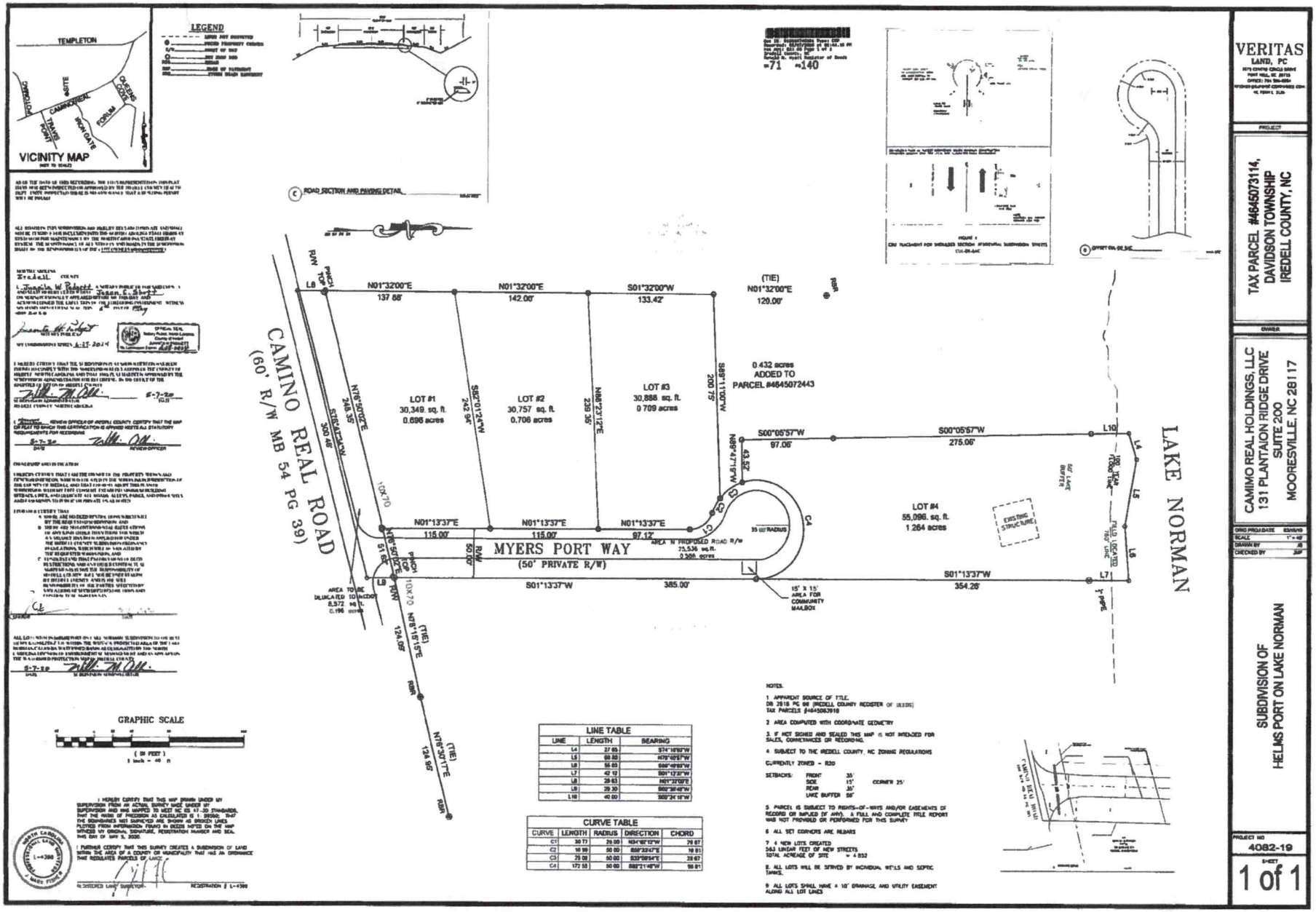
ALL ELITE DESIGN GROUP PLANS ARE STRUCTURALLY ENGINEERED IN ACCORDANCE WITH THE NORTH CAROLINA BUILDING CODE. IT IS OUR STRONG RECOMMENDATION AND A SOMETIMES REQUIRED THAT YOU CONSULT A LOCAL ENGINEER AND/OR ARCHITECT WHEN BUILDING WITH OUR PLANS. WE AUTHORIZE THE USE OF OUR PLANS ON THE EXPRESS CONDITION THAT YOU COMPLY WITH ALL LOCAL BUILDING CODES AND ANY OTHER APPLICABLE LAWS, RESTRICTIONS, OR REQUIREMENTS.

PROJECT:

TITAN CUSTOM BUILDERS INC.

115 MYERS PORT WAY MOORESVILLE, NC 28117

12657 LAWYERS RD.
MINT HILL, NC 28227
tel: 704-545-2928
ELITEDESIGNGROUP.COM



LINE TABLE		
LINE	LENGTH	BEARING
L4	27.65	S74°16'50"W
L5	68.83	N79°40'57"W
L6	55.83	S06°40'53"W
L7	42.12	S01°13'37"W
L8	29.63	N01°32'00"E
L9	29.30	S02°36'48"W
L10	40.00	S00°24'16"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	DIRECTION	CHORD
C1	30.77	25.00	N34°58'10"W	28.87
C2	16.99	50.00	S58°32'47"E	16.91
C3	75.08	50.00	S33°59'54"E	69.67
C4	172.58	50.00	S68°21'46"W	99.91

NOTES:

1. APPARENT SOURCE OF TITLE.
DB 2618 PG 69 (IREDELL COUNTY REGISTER OF DEEDS)
TAX PARCELS #4645053918

2. AREA COMPUTED WITH COORDINATE GEOMETRY

3. IF NOT SIGNED AND SEALED THIS MAP IS NOT INTENDED FOR SALES, CONVEYANCES OR RECORDING.

4. SUBJECT TO THE IREDELL COUNTY, NC ZONING REGULATIONS

CURRENTLY ZONED - R20

SETBACKS: FRONT 35'
SIDE 15' CORNER 25'
REAR 30'
LAKE BUFFER 50'

5. PARCEL IS SUBJECT TO RIGHTS-OF-WAYS AND/OR EASEMENTS OF RECORD OR IMPLIED (IF ANY). A FULL AND COMPLETE TITLE REPORT WAS NOT PROVIDED OR PERFORMED FOR THIS SURVEY

6. ALL SET CORNERS ARE REBARS

7. 4 NEW LOTS CREATED
563 LINEAR FEET OF NEW STREETS
TOTAL ACREAGE OF SITE = 4.852

8. ALL LOTS WILL BE SERVED BY INDIVIDUAL WELLS AND SEPTIC TANKS.

9. ALL LOTS SHALL HAVE A 10' DRAINAGE AND UTILITY EASEMENT ALONG ALL LOT LINES

I HEREBY CERTIFY THAT THIS MAP DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION AND THAT IT MEETS OR EXCEEDS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600) AND THAT THE RATIO OF PRECISION AS CALCULATED IS 1: 20000. THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK AND PAGE AS NOTED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS DAY OF MAY 5, 2020.

I FURTHER CERTIFY THAT THIS SURVEY CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

REGISTERED LAND SURVEYOR REGISTRATION # L-4398

VERITAS LAND, PC

PROJECT

TAX PARCEL #4645073114,
DAVIDSON TOWNSHIP
IREDELL COUNTY, NC

OWNER

CAMIMO REAL HOLDINGS, LLC
131 PLANTAION RIDGE DRIVE
SUITE 200
MOORESVILLE, NC 28117

ORIG PROJ DATE 03/31/20
SCALE 1" = 40'
DRAWN BY JB
CHECKED BY JMP

SUBDIVISION OF
HELMS PORT ON LAKE NORMAN

PROJECT NO
4082-19

SHEET
1 of 1

PROPERTY ID #: _HELMS PORT 3__
COUNTY: _Iredell_____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Camino Real Holdings LLC_____ APPLICATION DATE_____
ADDRESS: _____ DATE EVALUATED: __2/2020_____
PROPOSED FACILITY: _4 BDRM RES_ PROPOSED DESIGN FLOW (.1949): _480 GPD_____ PROPERTY SIZE: ____0.709 AC_____
LOCATION OF SITE: 115 Myers Port Way, Helms Port on LKN Lot 3_____ PROPERTY RECORDED: _____
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other _____
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	
AB 1	LS 5%	0-6	Br CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		6-25	R C SBK	FR SS SP SXP					
		25-48	R CL WSBK	FR SS SP SXP					
AB 2	LS 5%	0-6	Br SCL WSBK	FR SS SP SXP	Mn	48"	N/A	N/A	PS 0.275
		6-48	R C SBK	FR SS SP SXP					
PIT 1	LS 5%	0-11	Br CL WSBK	FR SS SP SXP	Mn	59"	Few SAP	N/A	PS 0.275
		11-33	R C SBK	FR SS SP SXP					
		33-59	R CL WSBK	FR SS SP SXP					
PIT 2	LS 5%	0-9	Br CL WSBK	FR SS SP SXP	Few Mn	57"	Few SAP	N/A	PS 0.275
		9-27	R C SBK	FR SS SP SXP					
		27-57	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	873 FT^2	951 FT^2
System Type(s)	PPBPS	PPBPS
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: _____MA&A_____
OTHER(S) PRESENT: _____
APPROVED MAR 20 2020 KW

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: __HELMS PORT 3__
DATE OF EVALUATION: _____
COUNTY: _IREDELL_____

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	
PIT 3	LS 5%	0-12	Br CL WSBK	FR SS SP SXP	Mn	60"	N/A	N/A	PS 0.275
		12-42	R C SBK	FR SS SP SXP					
		42-55	R C ABK	FR SS SP SXP					
		55-60	R CL WSBK	FR SS SP SXP					
PIT 4	LS 5%	0-10	Br CLWSBK	FR SS SP SXP	Mn	55"	N/A	N/A	PS 0.275
		10-55	R C SBK	FR SS SP SXP					

COMMENTS: _____

APPROVED MAR 20 2020
KW

PERMIT SNAPSHOT REPORT RELAY-2023-12944 FOR IREDELL COUNTY

Permit Type	EH Re-layout	**Project:**		**App Date:**	01/05/2023
Work Class:	EH Comprehensive	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wieberg, Danielle	**Approval Expire Date:**	

Description: s/b INTERMEDIATE RE-LAYOUT (Balance due/site visit required). Re-layout to adjust system type from a LP PPBPS to a 25% Reduction on main and 50% Reduction on repair

Parcel: 4645072190.000 Main	**Address:** 115 Myers Port Way Mooresville, NC 28117 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent	Property Owner
Roger Hand	Roger Hand
331 Alcove Rd Suite 103	331 Alcove Rd Suite 103
Mooresville, NC 28117	Mooresville, NC 28117
Mobile: (704) 201-6705	Mobile: (704) 201-6705

on hold until soil removed fm drainfield

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	Dwelling 5,150 sq ft including garage	What are the proposed structures	New Single Family Residence, Swimming Pool
If other Addition/Structure, please explain		Maximum Number of Bedrooms	4	Number of Occupants	8
Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential	Number of Employees	0
Total number of seats	0	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Roger_Hand_1/5/2023.jpg	01/05/2023 15:15	Hand, Roger		Uploaded via CSS
Authorize Agent_v1.pdf	01/11/2023 15:05	Hart, Ronda	Available Online	Authorize to Act as Agent
Deed- Interior Lots_v1.pdf	01/11/2023 15:05	Hart, Ronda	Available Online	Additional Supporting Information
Lot 3- 115 Myers Port_v1.pdf	01/11/2023 15:05	Hart, Ronda	Available Online	Site Plan
Survey- Lot 1-3_v1.pdf	01/11/2023 15:05	Hart, Ronda	Available Online	Additional Supporting Information

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-53671	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/25/2023	01/25/2023 0:00	01/25/2023 0:00	01/25/2023 8:26	01/25/2023 8:26

Comments: Site surveyed w/ all PC irons found and HB present. Applicant has stated that house envelope includes pool.

Inspectors: Kobuck, Teanna (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00007492	Limited Re-layout		$105.00	$105.00
		Total for Invoice INV-00007492	$105.00	$105.00
INV-00007726	Comprehensive Gravity System Re-layout		$215.00	$215.00
		Total for Invoice INV-00007726	$215.00	$215.00