ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

BCW

BLDR-2024-58702

PERMIT: OSWP 2024-57416

PIN # 4765 -- 55 -- 1987

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

APPLICANT/OWNER: Yair Dorman | APPLICANT ADDRESS: 226 Regency Dr, Charlotte

SITE ADDRESS: 122 Stockbridge Ln, Statesville 28625 | PHONE: 704-491-9091 | ALT. PHONE: –

SITE DIRECTIONS: 64 E - River Hill - Oak Haven - Stockbridge

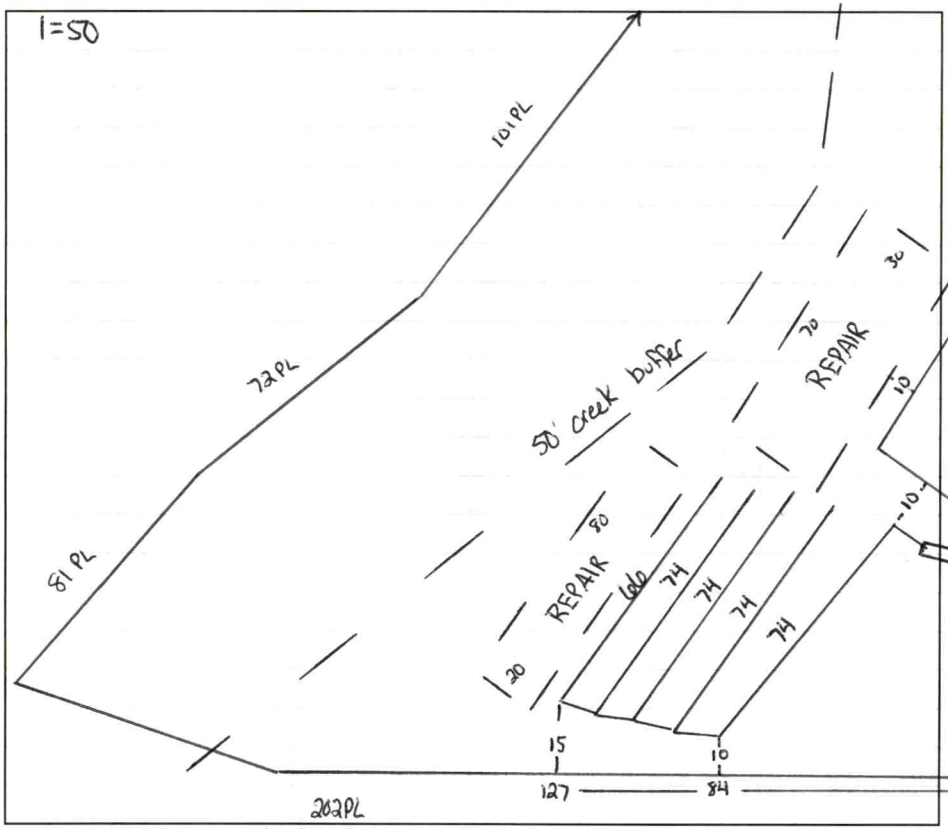
SUBDIVISION: Country Woods Estates | SECTION: – | LOT # 3 | LOT AREA: 1.32 | DESIGN FLOW: 360 gpd | SAP CONTROLLED: ☐ YES ☒ NO | L.T.A.R.(Initial): 0.25 | L.T.A.R (Repair): 0.25

Septic Tank 1000 (gal)	STB 160	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank (gal)	PT	Date	System Description: 25% reduction				☐ Business	No. Persons 6	☐ Private
Pump Make	Model	Serial #	Repair System Description: LP-PPBPS				☐ Other	No. Employees	☒ Public
# Nitrification Fields 1	# Lines 5	Linear Ft 360	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36in	*Max. Trench Depth(Initial) 18in	*Max. Trench Depth(Repair) 18in	Gravel Depth –	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

* Measured on the downhill side of the trench | Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 36in | Usable Depth to LC (Repair): 36in | *Limiting Condition*

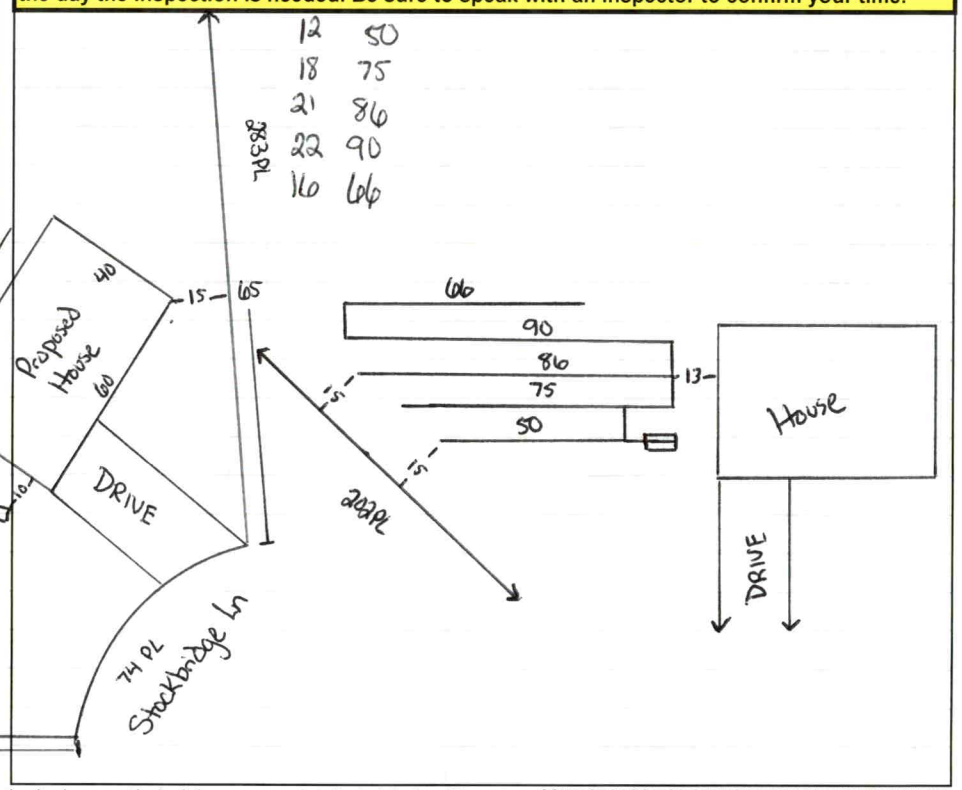
Comments / Conditions: Do not drive, park, or grade on septic area. Install on 9' centers.

INITIAL SITE SKETCH



AS BUILT SKETCH

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



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: Online Signature | Date: | Installed by: R & C Construction

IMPROVEMENT PERMIT by: Cory Hill ✓ | Date: 7/16/24 | OPERATION PERMIT by: Cory Hill ✓ | Date: 11/19/24

AUTHORIZATION TO CONSTRUCT by: Cory Hill ✓ | Date: 7/16/24 | Existing System Inspected by: | Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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

PROPERTY ID #: 4765551987
COUNTY: Iredell

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Yair Dorman DATE EVALUATED: 5/21/24
ADDRESS: 226 Regency Dr
PROPOSED FACILITY: 4 bdr home PROPOSED DESIGN FLOW (.0400): 480 gpd PROPERTY SIZE: 1.32
LOCATION OF SITE: 122 Stackbridge PROPERTY RECORDED: yes
WATER SUPPLY: X Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 10'
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X Domestic High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	Linear 6%	0 - 13	SCL SBK	SS SP FR SE	10yr 6/2 at 40"+	59	-	-	.25 PS	3
		13 - 36	C SBK	S P FR SE						
		36 - 59	CL WSBK	S P FR SE						
2	Linear 5%	0 - 8	SCL SBK	SS SP FR SE	10yr 6/2 at 36"+	52	-	-	.25 PS	2
		8 - 30	C SBK	S P FR SE						
		30 - 52	CL WSBK	S P FR SE						
3	Linear 8%	0 - 8	SCL SBK	SS SP FR SE	10yr 6/2 at 36"+	48	-	-	.25 PS	3
		8 - 28	C SBK	S P FR SE						
		28 - 48	CL WSBK	S P FR SE						
4	Linear 10%	0 - 8	SCL SBK	SS SP FR SE	10yr 6/2 at 40"+ 10yr 6/5 at 33"+	48	-	-	.25 PS	4
		8 - 28	C SBK	SS SP FR SE						
		28 - 48	CL WSBK	S P FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	50%	50%
Site LTAR	.25	.25
Maximum Trench Depth	24	24

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT:

Comments:

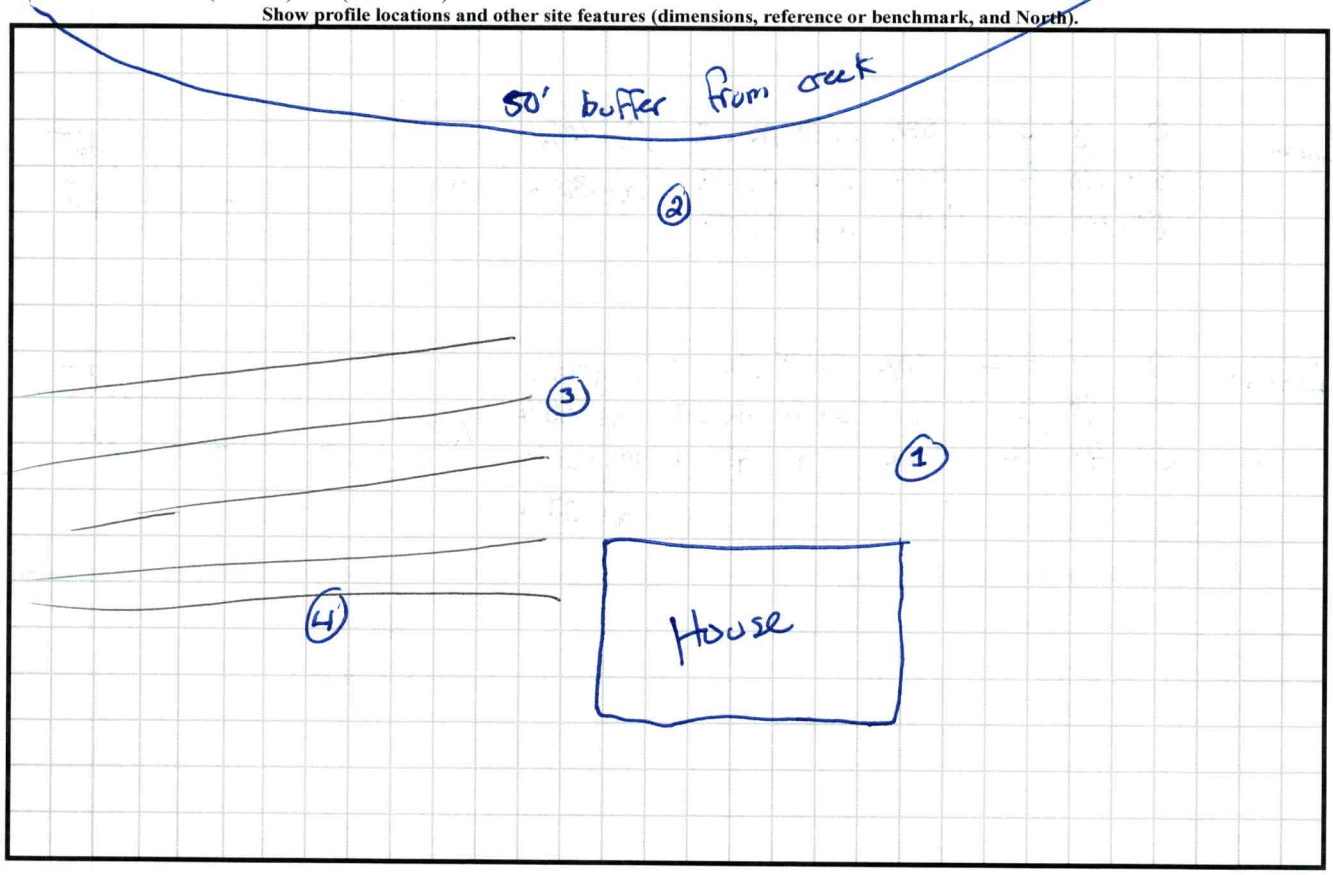
LEGEND

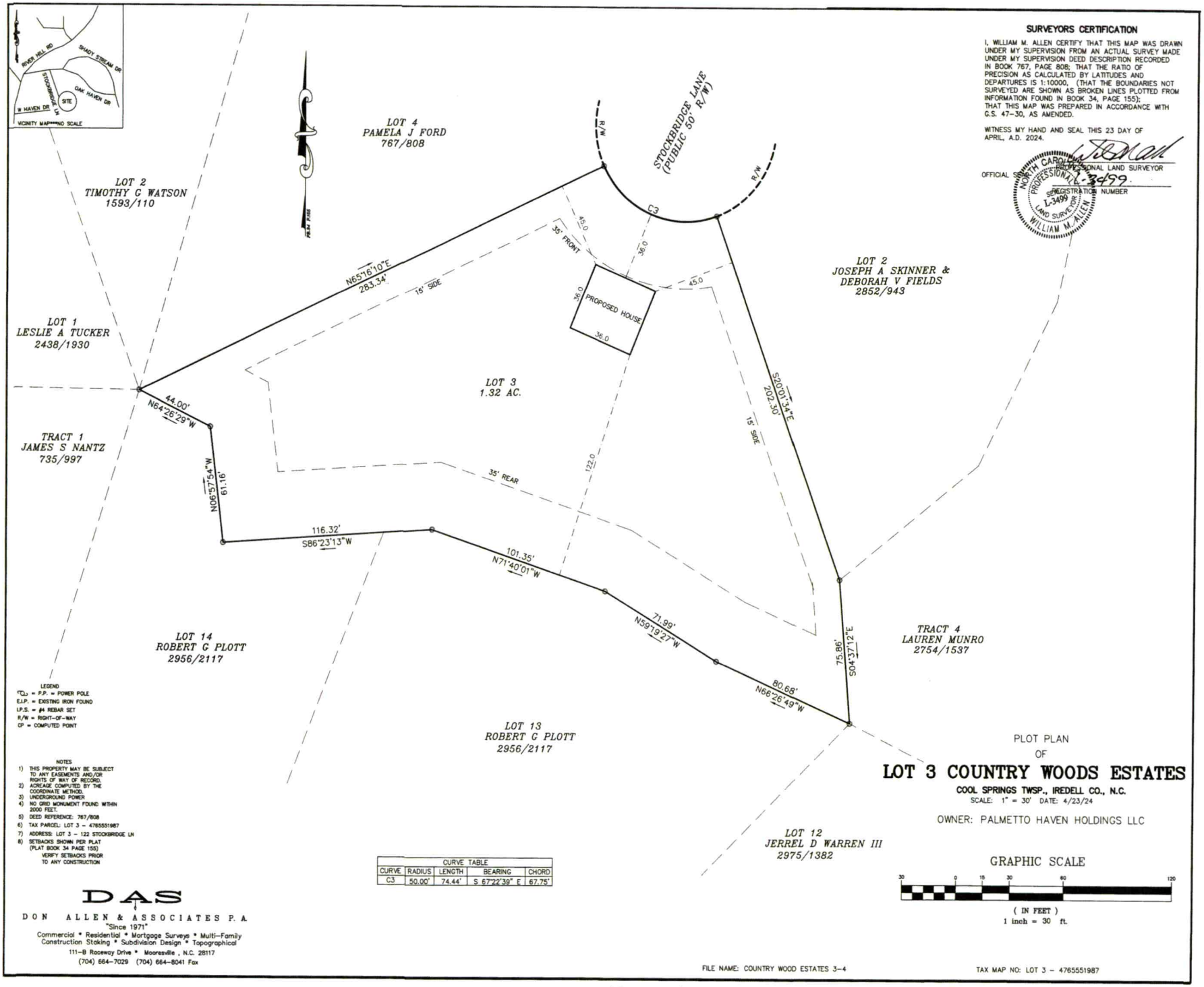
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).





LEGEND
"○" = P.P. = POWER POLE
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) DEED REFERENCE: 767/808
6) TAX PARCEL: LOT 3 – 4765551987
7) ADDRESS: LOT 3 – 122 STOCKBRIDGE LN
8) SETBACKS SHOWN PER PLAT (PLAT BOOK 34 PAGE 155)
VERIFY SETBACKS PRIOR TO ANY CONSTRUCTION

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C3	50.00'	74.44'	S 67°22'39" E	67.75'

DAS
DON ALLEN & ASSOCIATES P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
111-B Raceway Drive * Mooresville, N.C. 28117
(704) 664-7029 (704) 664-8041 Fax

SURVEYORS CERTIFICATION

I, WILLIAM M. ALLEN CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DEED DESCRIPTION RECORDED IN BOOK 767, PAGE 808; THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND DEPARTURES IS 1:10000. (THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK 34, PAGE 155); THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED.

WITNESS MY HAND AND SEAL THIS 23 DAY OF APRIL, A.D. 2024.

OFFICIAL SIGNATURE OF PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL L-3499 REGISTRATION NUMBER
SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN

PLOT PLAN
OF
LOT 3 COUNTRY WOODS ESTATES
COOL SPRINGS TWSP., IREDELL CO., N.C.
SCALE: 1" = 30' DATE: 4/23/24

OWNER: PALMETTO HAVEN HOLDINGS LLC

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

FILE NAME: COUNTRY WOOD ESTATES 3-4

TAX MAP NO: LOT 3 – 4765551987