ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-30014

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

PIN # 4635-69-5442

APPLICANT / OWNER: PLOTT CUSTOM HOMES & REMODELING , INC | APPLICANT ADDRESS: 5400 PLUM RD, KANNAPOLIS, NC 28081

SITE ADDRESS: 287 COMMODORE LOOP, MOORESVILLE, NC 28117 | PHONE: 9805213427 | ALT. PHONE:

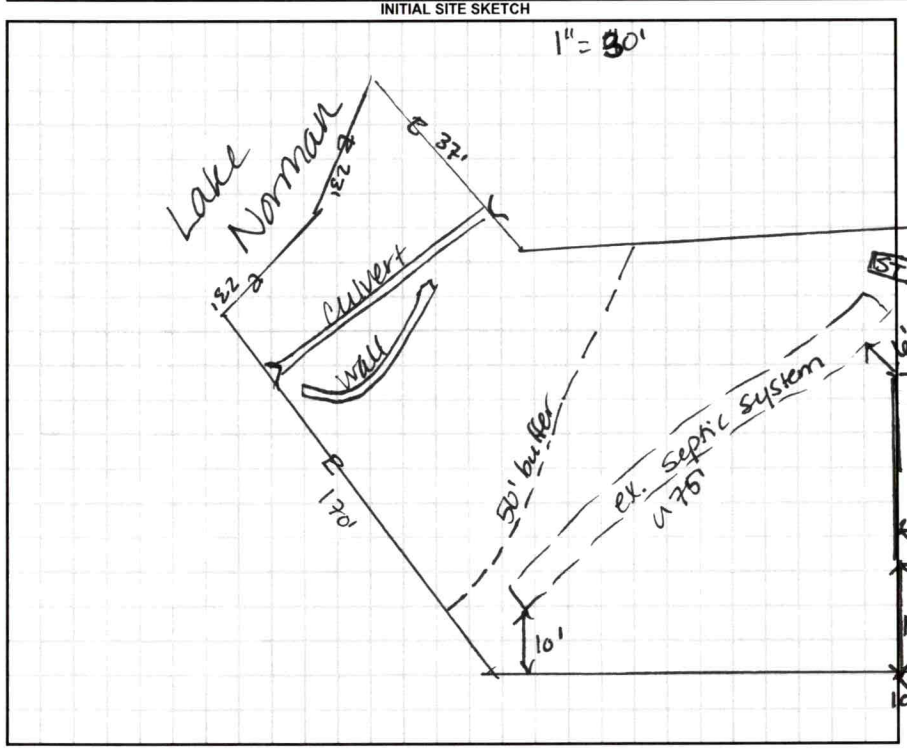
SITE DIRECTIONS: W Brawley -> L Stutts -> L on 2nd Commodore Loop -> lot on R | SAP CONTROLLED: YES ☐ NO ☐

SUBDIVISION: Commodore Peninsula | SECTION: N/A | LOT #: 102 | LOT AREA: 0.3 | DESIGN FLOW: 360 | L.T.A.R.: EXISTING

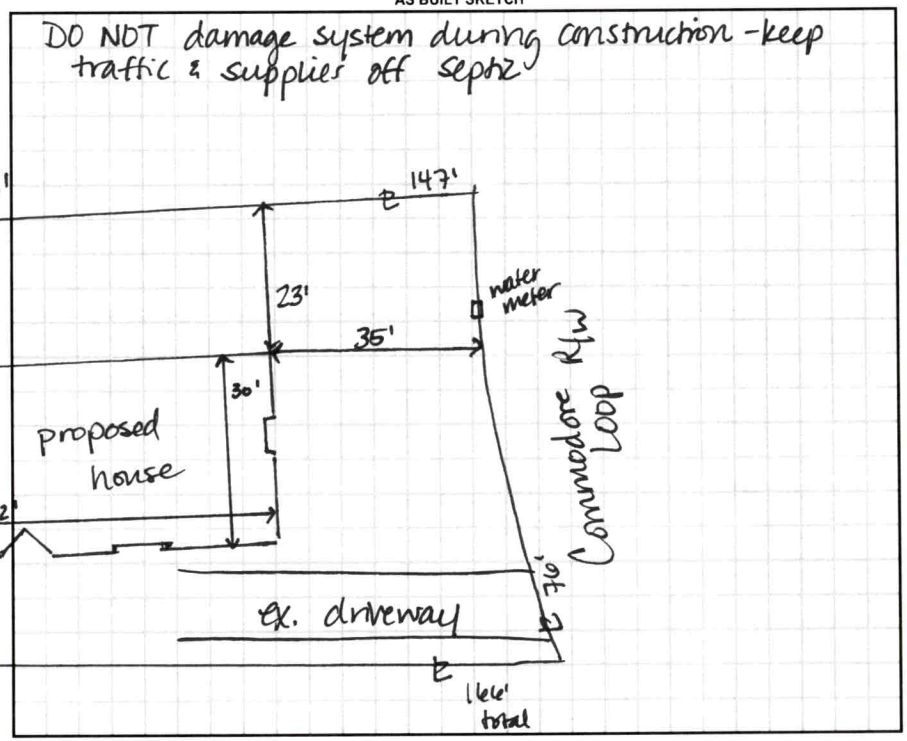
Septic Tank: (gal) EX.	STB:	Date:	☐ New System ☐ Repair ☐ Expansion	System Type: II	☑ Residence	No. Bedrooms: 3	Water Supply: Municipal Water
Pump Tank: (gal)	PT:	Date:	System Description: EXISTING SYSTEM		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: EXISTING		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: EXISTING	Linear Ft.: EXISTING	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: EXIST	Trench Bottom Depth (Low side): EXISTING		Gravel Depth: EXISTING	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Connect to existing system - house must meet setbacks to system as shown on permit. Do not move house any closer to the tank or drainfield.

INITIAL SITE SKETCH



AS BUILT SKETCH



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

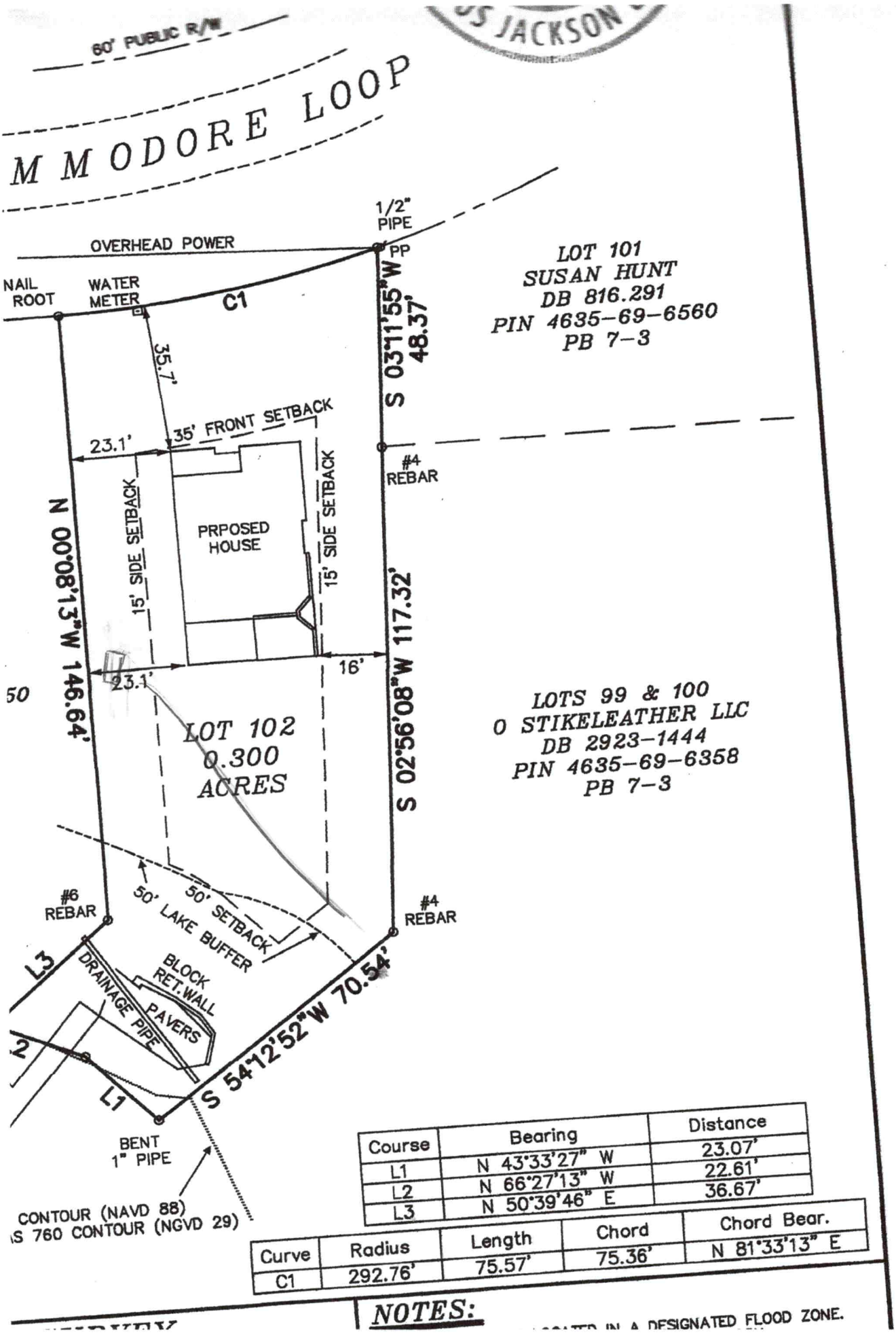
☐ **IMPROVEMENT PERMIT with plat** valid without expiration. ☑ **IMPROVEMENT PERMIT with site plan** valid for 60 mos. ☑ **AUTHORIZATION TO CONSTRUCT** valid for period equal to **IMPROVEMENT PERMIT**--not to exceed 60 mo.

Owner / Applicant Signature: [signature] Date: | Installed By:

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

AUTHORIZATION TO CONSTRUCT by: Date: | Existing System Inspected By: D. Wesley Date: 9/21/23

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



Course	Bearing	Distance
L1	N 43°33'27" W	23.07'
L2	N 66°27'13" W	22.61'
L3	N 50°39'46" E	36.67'

Curve	Radius	Length	Chord	Chord Bear.
C1	292.76'	75.57'	75.36'	N 81°33'13" E

NOTES:

...LOCATED IN A DESIGNATED FLOOD ZONE.

NOTES:

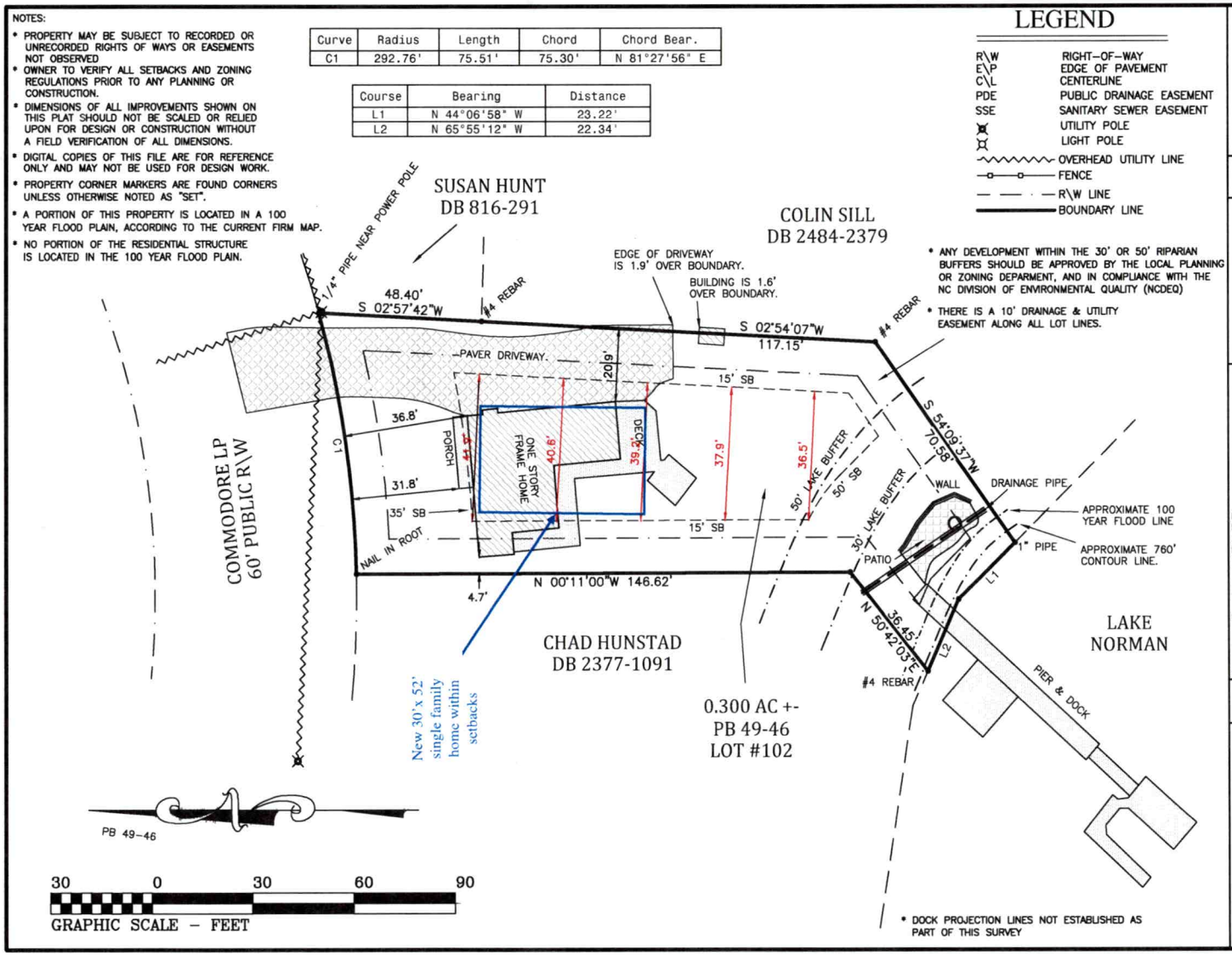
- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- PROPERTY CORNER MARKERS ARE FOUND CORNERS UNLESS OTHERWISE NOTED AS "SET".
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN, ACCORDING TO THE CURRENT FIRM MAP.
- NO PORTION OF THE RESIDENTIAL STRUCTURE IS LOCATED IN THE 100 YEAR FLOOD PLAIN.

Curve	Radius	Length	Chord	Chord Bear.
C1	292.76'	75.51'	75.30'	N 81°27'56" E

Course	Bearing	Distance
L1	N 44°06'58" W	23.22'
L2	N 65°55'12" W	22.34'

LEGEND

R\W	RIGHT-OF-WAY
E\P	EDGE OF PAVEMENT
C\L	CENTERLINE
PDE	PUBLIC DRAINAGE EASEMENT
SSE	SANITARY SEWER EASEMENT
	UTILITY POLE
	LIGHT POLE
	OVERHEAD UTILITY LINE
	FENCE
	R\W LINE
	BOUNDARY LINE



- ANY DEVELOPMENT WITHIN THE 30' OR 50' RIPARIAN BUFFERS SHOULD BE APPROVED BY THE LOCAL PLANNING OR ZONING DEPARMENT, AND IN COMPLIANCE WITH THE NC DIVISION OF ENVIRONMENTAL QUALITY (NCDEQ)
- THERE IS A 10' DRAINAGE & UTILITY EASEMENT ALONG ALL LOT LINES.
- DOCK PROJECTION LINES NOT ESTABLISHED AS PART OF THIS SURVEY

PHYSICAL SURVEY
FOR

DEVIN BARBEE

287 COMMODORE LOOP - MOORESVILLE, NC
LOT #102 OF PLAT BOOK 49-46

DAVIDSON TOWNSHIP, IREDELL COUNTY, NC
SCALE: 1" = 30'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
LICENSE NO. C-0453
WWW.DEDMONSURVEYS.COM

NORTH CAROLINA PROFESSIONAL SEAL L-3899 LAND SURVEYOR ROBERT J. DEDMON

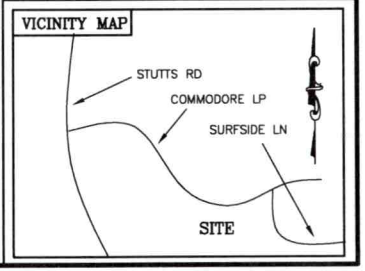
I, ROBERT J. DEDMON, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED 1,794 1020) (PLAT 49-46); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN DB; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY IS GREATER THAN 1:10,000'; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56. 1600).

DATE: APRIL 18, 2022

PROFESSIONAL LAND SURVEYOR

SURV. BY: MP	DRAWN: RD	JOB# DZCL102

VICINITY MAP



IREDELL COUNTY HEALTH DEPARTMENT

(SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION

(Ground Absorption Sewage Disposal System – G. S. Chapter 130-Article 13C)

OWNER OR CONTRACTOR William Chuby DATE 3-23-83 PERMIT NO. 73

PHONE: Business _____ Home _____

LOCATION 1100 TL 1112 TL 2nd 1212 3rd house on R

SUBDIVISION NAME Commodore Peninsula LOT NO. 102 SECTION OR BLOCK NO. _____ S. R. No. _____

House (X) Mobile Home ( ) Business ( ) Other Adding 5' deck

No. Bedrooms 3 No. Bathrooms 1

Garbage Disposal Unit	Yes ( )	No (X)
Auto. Dishwasher	Yes (X)	No ( )
Auto. Wash. Machine	Yes (X)	No ( )
Site Suitable	Yes (X)	No ( )

Lot Area Existing

Character & Porosity of Soil _____

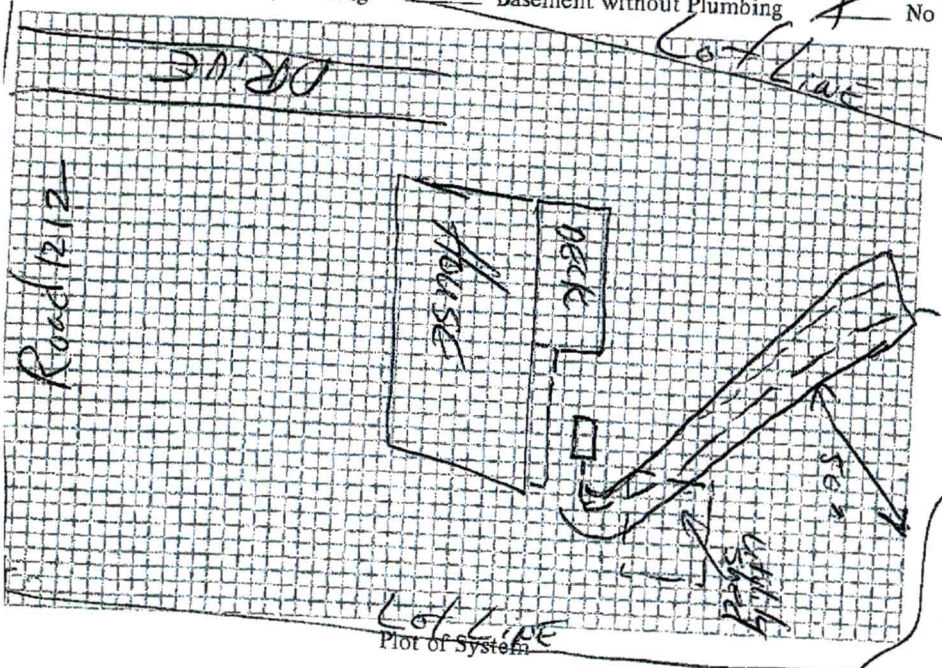
Percolation Rate _____

Topography Existing System

Depth to Water Table _____

Rock or other impervious formations _____

_____ Basement with Plumbing _____ Basement without Plumbing X No Basement



Size of Tank _____ Gals.

Nitrification Field:

No. of Lines Existing

Sq. Ft. _____ Linear Ft. _____

Depth of Stone in Lines _____

Water Supply: Individual ( )

Public (X)

Installed by _____

I understand and agree to install septic tank system as specified on this Improvements Permit.

Signed: _____

IMPROVEMENTS PERMIT BY _____

COMMENTS: Existing System working OK At date of inspection - owner stated move shed off of area of nitrification line.

CERTIFICATE OF COMPLETION BY _____

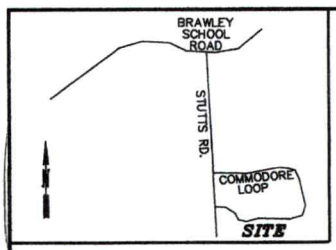
EXISTING SYSTEM CHECKED BY: Fred Clemmer DATE 3-23-83

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.

Permit is VOID if any unauthorized changes are made in installation of system and/or if any false information is supplied in making Improvements Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold

approved 9/20/23



VICINITY MAP
NO SCALE

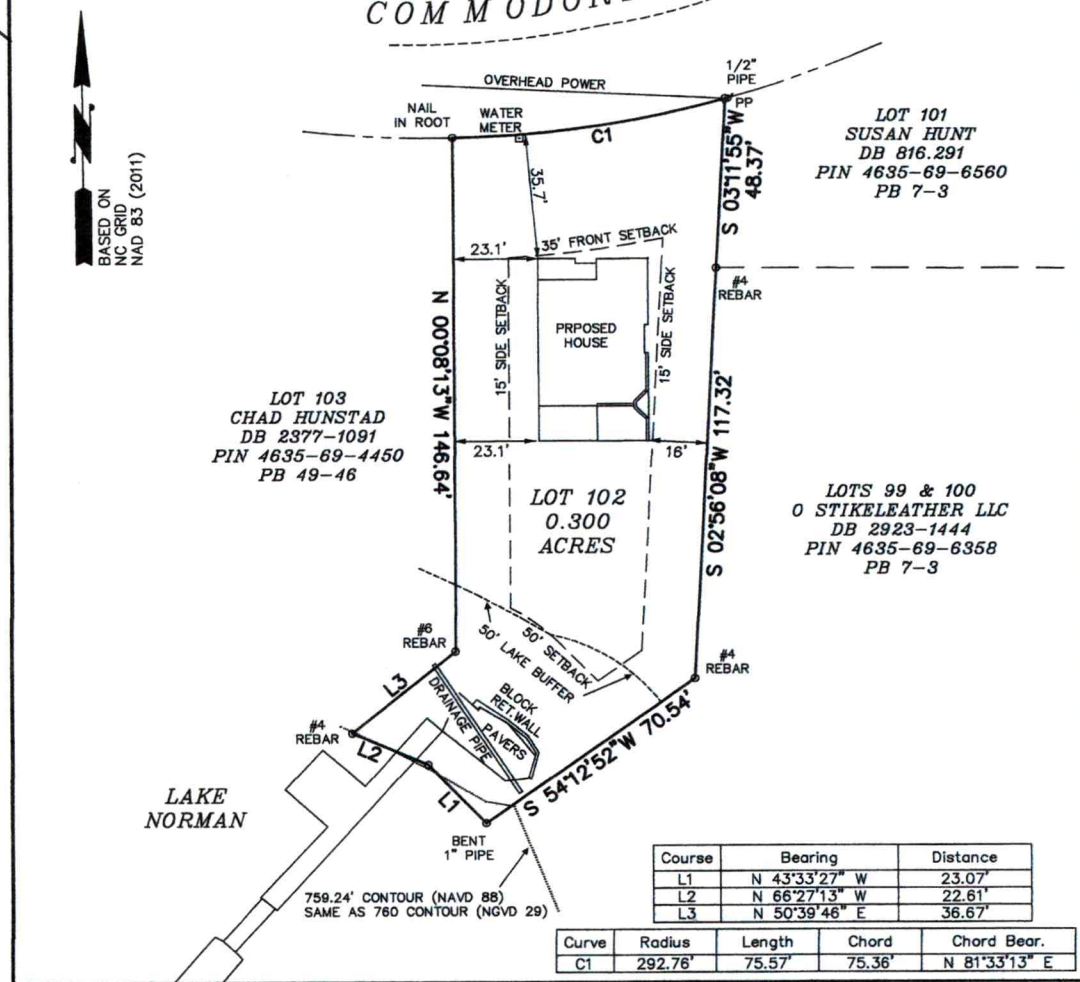
I, RUFUS JACKSON LOVE CERTIFY THAT THIS MAP WAS DRAWN FROM AN ACTUAL SURVEY UNDER MY DIRECT SUPERVISION, THAT THE RATIO OF PRECISION IS 1:10,000+ BEFORE ADJUSTMENTS; AND THAT THE ANGULAR ERROR WAS < 7.5 SECONDS PER TURN.

WITNESS MY HAND AND OFFICIAL SEAL THIS 11TH DAY OF AUGUST, 2023 13TH SEPTEMBER, 2023

N.C.P.L.S. L-2844
LICENSE NO.

Rufus Jackson Love
PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-2844 LAND SURVEYOR RUFUS JACKSON LOVE



Course	Bearing	Distance
L1	N 43°33'27" W	23.07'
L2	N 66°27'13" W	22.61'
L3	N 50°39'46" E	36.67'

Curve	Radius	Length	Chord	Chord Bear.
C1	292.76'	75.57'	75.36'	N 81°33'13" E

BOUNDARY/PHYSICAL SURVEY

FOR PLOTT CONSTRUCTION

PROPERTY OF JAMES D. BARBEE
287 COMMODORE LOOP
LOT 102, COMMODORE PENINSULA, MB 49-46
DEED BOOK 2920-1233, PIN 4635-69-5442
DAVIDSON TOWNSHIP, IREDELL COUNTY
NORTH CAROLINA
AUGUST 8, 2023

REVISED 9-13-23 RJL REMOVED CHIMNEY AND SHIFTED HOUSE TO 16' OFF LEFT LINE.

FILE: PLOTT-12-287-COMMODORE

40 0 40 80 120
GRAPHIC SCALE - FEET Scale 1" = 40'

NOTES:

1. THIS PROPERTY IS LOCATED IN A DESIGNATED FLOOD ZONE.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. ALL MONUMENTS SHOWN ARE EXISTING UNLESS OTHERWISE NOTED.
6. NO GRID MONUMENTS WITHIN 2000' OF SUBJECT PROPERTY.
7. THIS PROPERTY LIES IN THE WS-IV-CA WATERSHED OF LAKE NORMAN.
8. THIS PROPERTY IS CURRENTLY ZONED R-20.

LEGEND:

PROPERTY LINE
TIE LINE
UNSURVEYED LINE
EDGE OF PVMT.
SETBACK LINE
CP COMPUTED POINT
PP POWER POLE

PYRAMID LAND SURVEYING PA C-1341
P.O. BOX 11 DAVIDSON, NORTH CAROLINA
(704)892-4249 RUFUS JACKSON LOVE L-2844

PERMIT SNAPSHOT REPORT OSWP-2023-30014 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	07/06/2023
Work Class:	EH Existing Septic System	**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: Replacing demolished single family home with new single family home within same footprint **SETBACKS FROM ALL 4 PROPERTY LINES AND SETBACK FROM THE 760 CONTOUR LINE REQUIRED** 8/11 spoke with Todd site ready. Site Visit, site ready GM

Parcel: 4635695442.000 Main	**Address:** 287 Commodore Loop Mooresville, NC 28117 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent
PLOTT CUSTOM HOMES & REMODELING , INC
5400 PLUM RD 5400 PLUM RD
KANNAPOLIS, NC 28081
Business: (980) 521-3427

Property Owner
JAMES D BARBEE

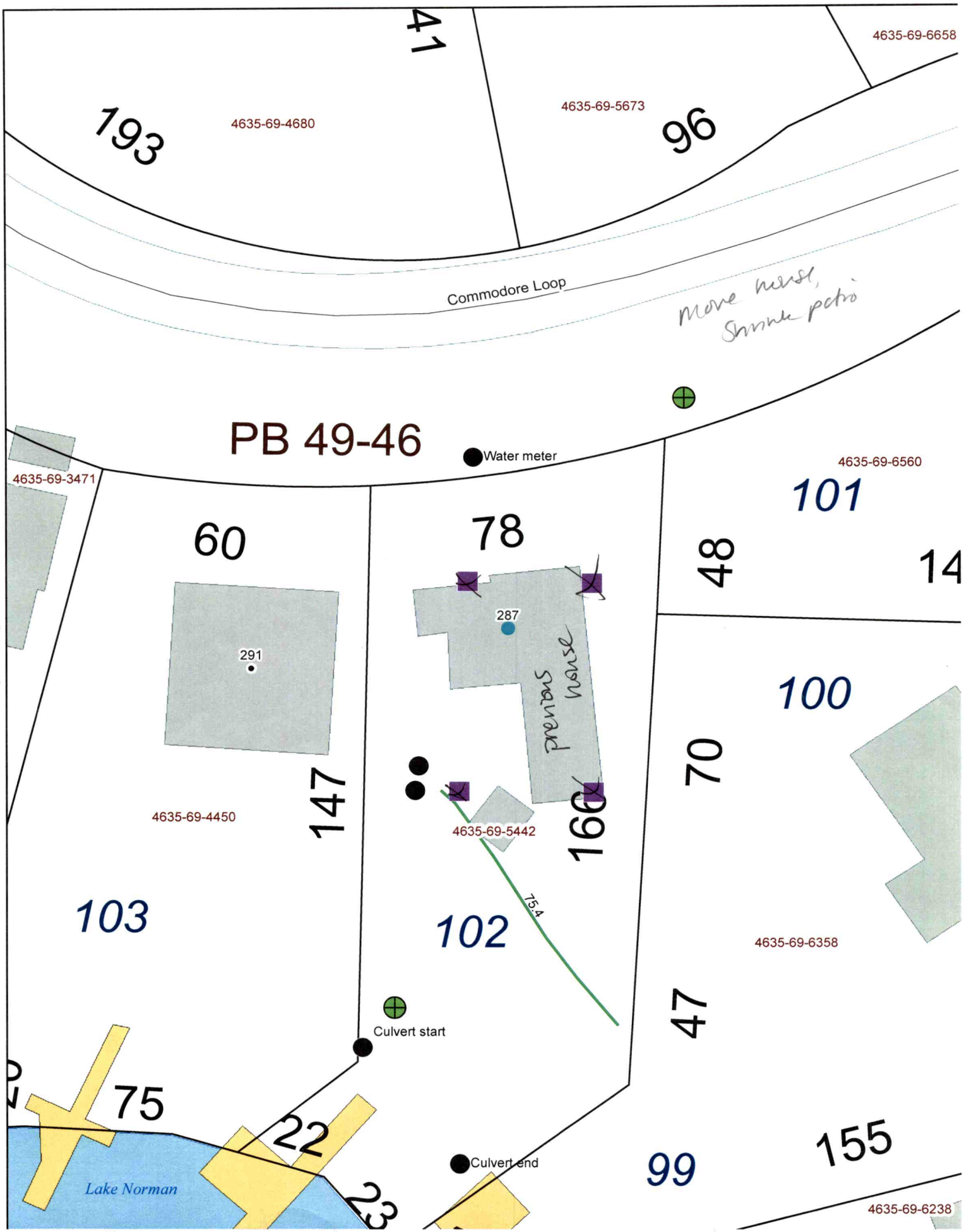
email - house too close

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	OLD SINGLE FAMILY HOME DEMOLISHED WAS 42'X65'. TRYING TO REBUILD NEW 30' x 52' SINGLE FAMILY HOME WITHIN SAME FOOTPRINT.	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	2	Number of Occupants	2
Foundation Type	Concrete Slab Foundation	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
If existing, Year existing system installed	1983	Lot Acreage	0.3	Front Setback	35
Back Setback	15	Left Setback	15	Lake/Stream Setback	50
Right Setback	35	Is the structure or development in the floodplain	No	Is the property located downtown?	No
Is the property in a local historic district?	No	Additional Unique Setbacks Apply	Yes	Zoning Notes/Addendums	Lake Lots: Must meet both the 50-foot setback from the 760' contour line and the 35-foot setback from the rear property line for any structure.
Watershed	WSIV CA CATAWBA/LAKE NORMAN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_TODD_PLOTT_7/6/2023.jpg	07/06/2023 7:06	PLOTT, TODD		Uploaded via CSS
scan0393_v1.pdf	07/07/2023 12:17	Nebel, Barbara	Available Online	Authorize to Act as Agent
HOUSE PLANS - 287 COMMODORE_v1.pdf	07/10/2023 10:19	Sloan, Chrystal	Available Online	Floor Plan(s)
287 COMMODORE PLOT PLAN_v2.pdf	07/11/2023 12:44	Sloan, Chrystal	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-125909	Passed - Permit	Existing System Inspection	08/11/2023	08/11/2023 0:00	08/11/2023 0:00	08/11/2023 12:58	08/11/2023 12:58


41
4635-69-6658
193
4635-69-4680
4635-69-5673
96
Commodore Loop
move house, Shrink patio
PB 49-46
Water meter
4635-69-3471
4635-69-6560
101
60
78
48
14
287
291
Pavers house
100
70
147
160
4635-69-4450
4635-69-5442
75.4
103
102
4635-69-6358
47
Culvert start
75
22
Lake Norman
Culvert end
99
155
23
4635-69-6238