SH

BDR-2023-13964

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-41121

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

PIN # 4638-39-3151

APPLICANT / OWNER: 4G Design Build LLC | APPLICANT ADDRESS: 488 Pineville Rd, Statesville, NC 28677

SITE ADDRESS: 471 KENWAY LOOP, MOORESVILLE, NC 28117 | PHONE: 7042088342 | ALT. PHONE:

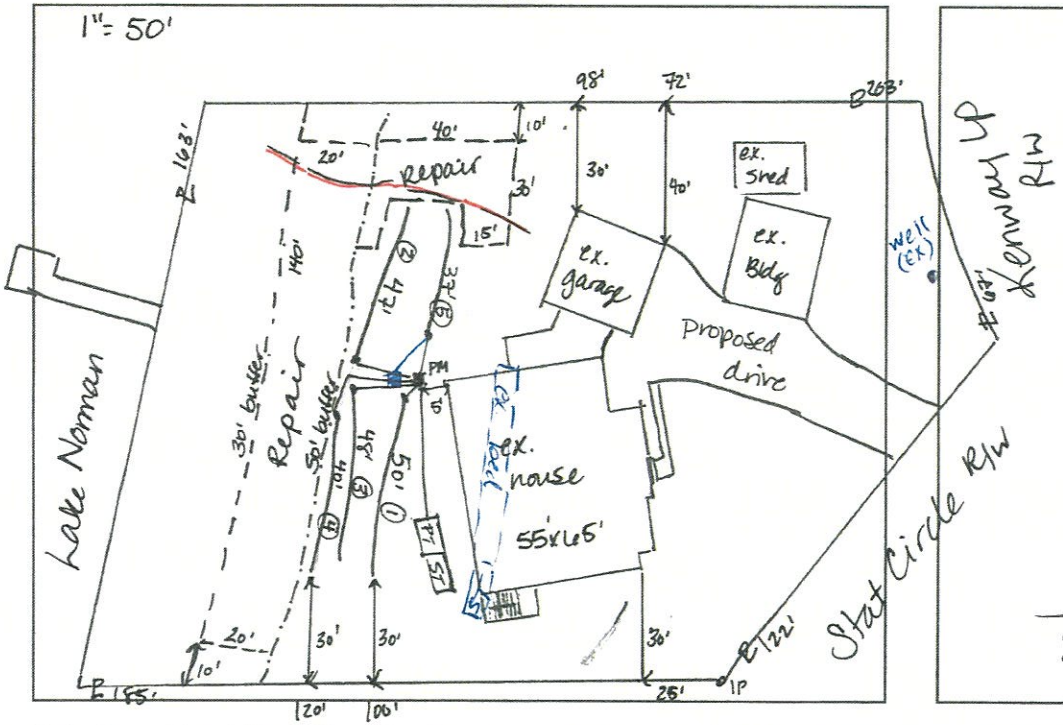
SITE DIRECTIONS: N Perth -> L Fern Hill -> L Bagby -> R Kenway -> lot on L | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: CL&T | SECTION: 15 | LOT #: 34 | LOT AREA: 0.78 | DESIGN FLOW: 360 | L.T.A.R.: 0.275

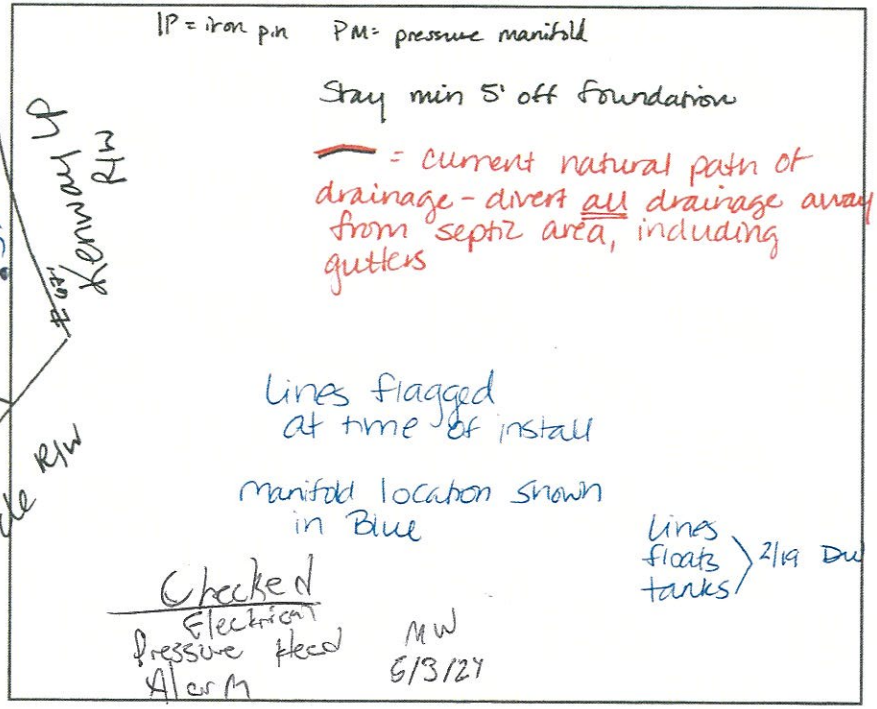
Septic Tank: 1000 (gal)	STB: 7600	Date: 12/29/23	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: Existing Well
Pump Tank: 1000 (gal)	PT: 303	Date: 11/9/23	System Description: VPPBPS - PM		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: HPPBPS - Pretreated		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 220	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☐ Crawl Space	
Trench Width: 24	Trench Bottom Depth (Low side): 30		Gravel Depth: 0	☐ GRAVITY ☑ PRESSURE	☑ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield. Install on contour, divert all drainage from septic area. 2" supply, 2' pressure head, drill anti-siphon hole. Dose: 187.2 g Flow: 32.3gpm Runtime: 5.8 min Drawdown: 8.9" L1 = 12 panels, 1/2" SCH 40 tap L2 & L3 = 11 panels each, 1/2" SCH 40 tap each L4 & L5 = 9 panels each, 1/2" SCH 80 taps each

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: online | Date:

IMPROVEMENT PERMIT by: D. Mebane | Date: 11/21/23

AUTHORIZATION TO CONSTRUCT by: D. Mebane | Date: 11/21/23

Installed By: Andrew Daywalt

OPERATION PERMIT by: Wade Wilder | Date: 6/7/24

Existing System Inspected By: | Date:

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

SH

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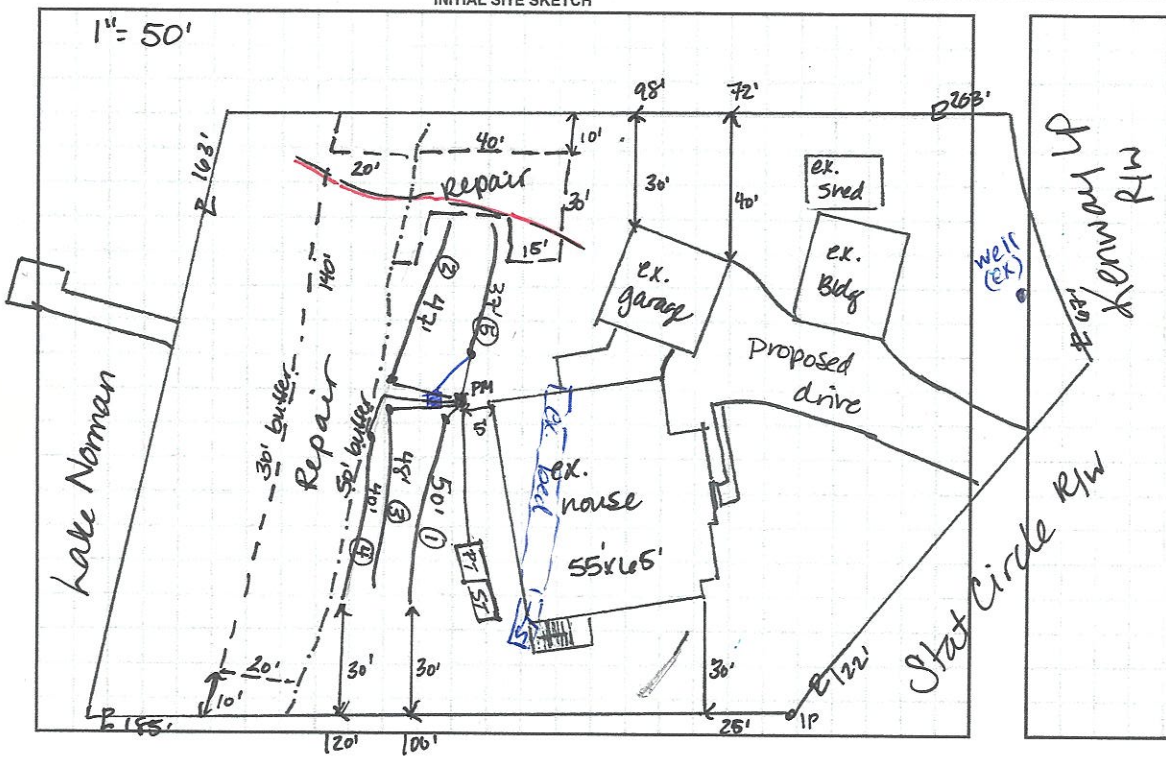
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SUBDIVISION: CL&T | SECTION: 15 | LOT #: 34 | LOT AREA: 0.78 | DESIGN FLOW: 360 | L.T.A.R.: 0.275

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INITIAL SITE SKETCH



AS BUILT SKETCH

IP = iron pin PM = pressure manifold

Stay min 5' off foundation

= current natural path of drainage - divert all drainage away from septic area, including gutters

Lines flagged at time of install

Manifold location shown in Blue

Lines floats tanks 2/19 DW

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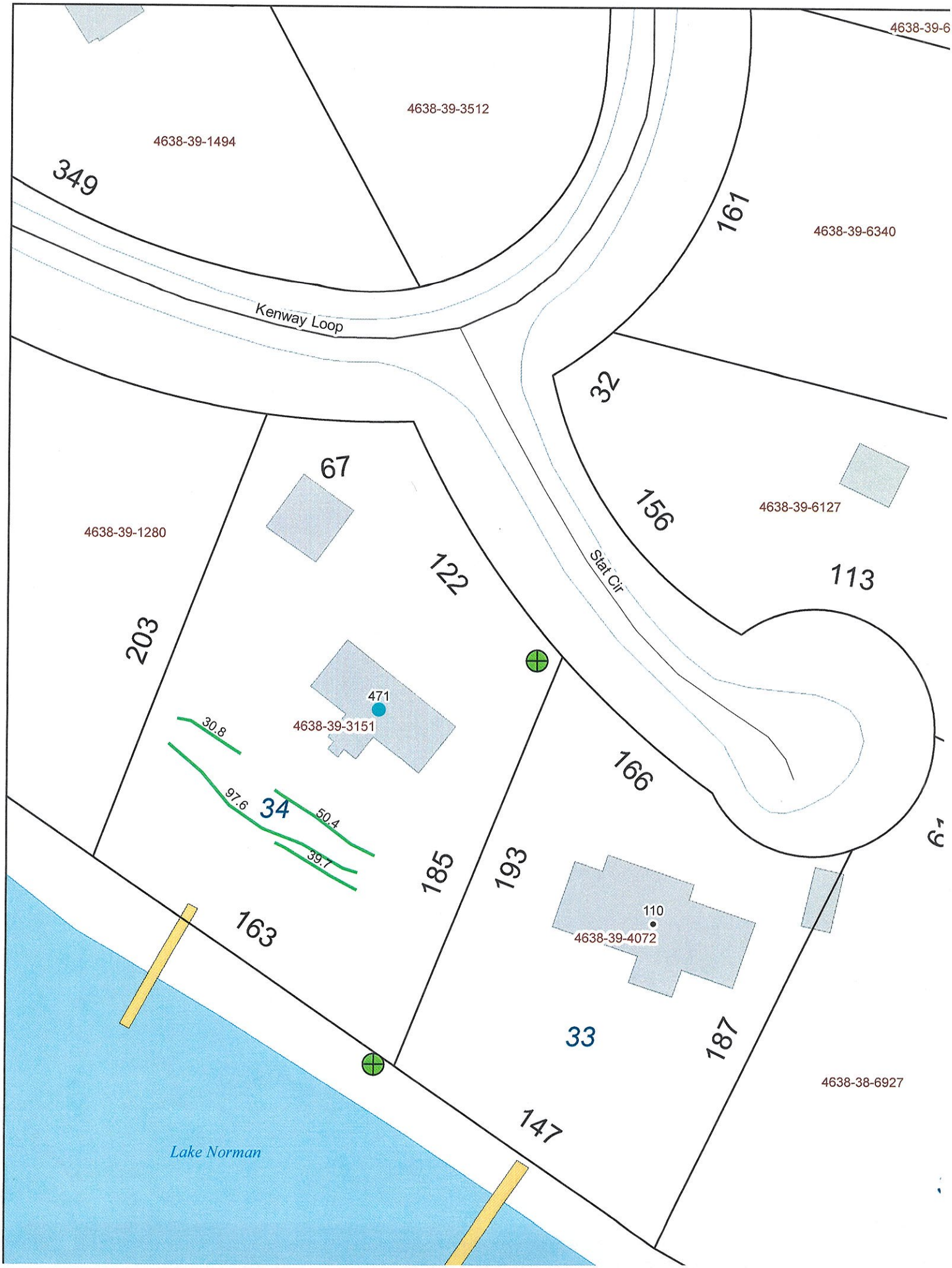
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4638-39-6
4638-39-3512
4638-39-1494
349
161
4638-39-6340
Kenway Loop
32
67
156
4638-39-6127
4638-39-1280
122
Stat Cir
113
203
471
4638-39-3151
30.8
166
97.6
34
50.4
39.7
185
193
110
4638-39-4072
163
33
187
4638-38-6927
147
Lake Norman

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

Sheet ___ of ___
PROPERTY ID #: 4638393151
COUNTY: Iredell

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

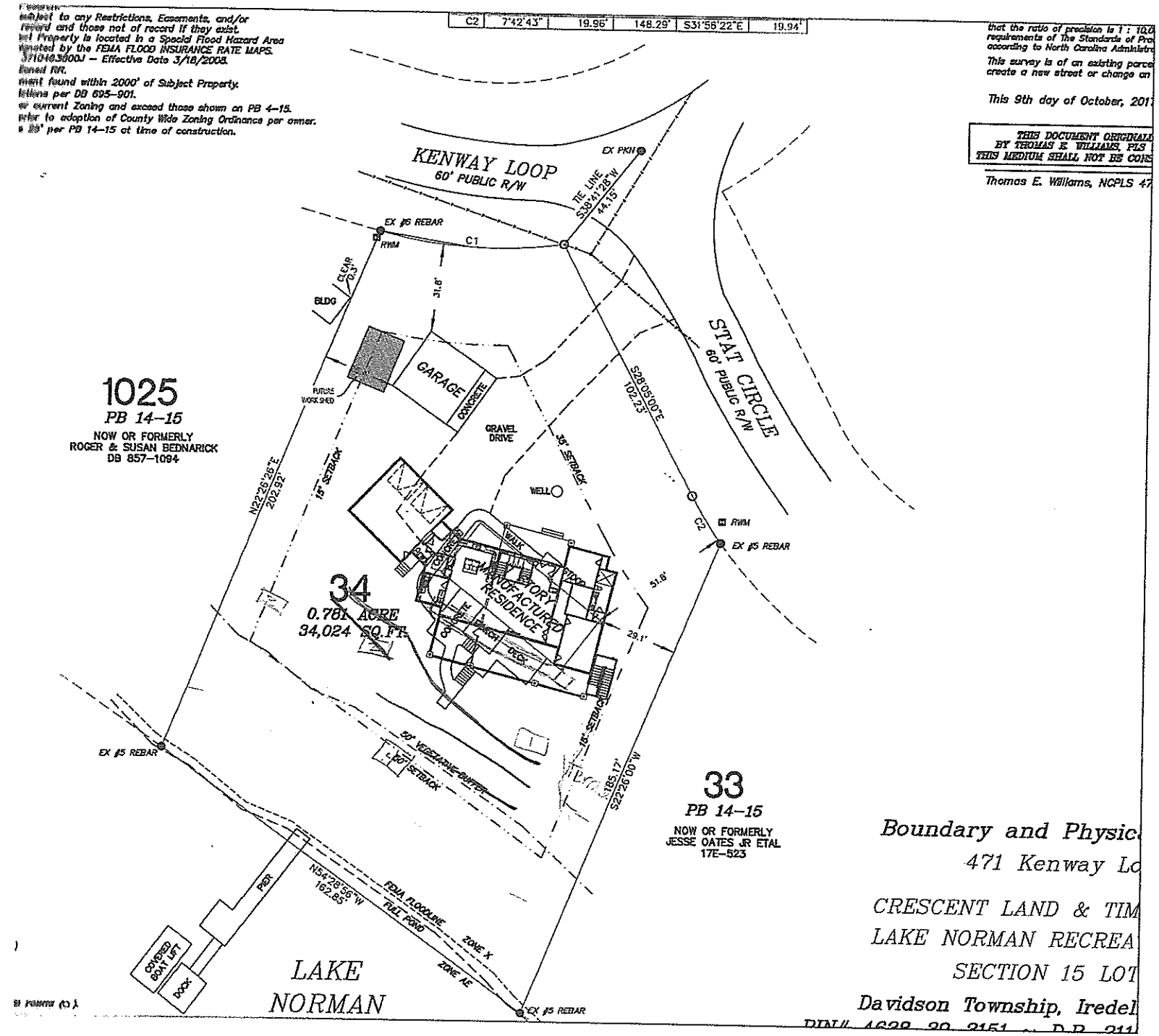
OWNER: Al Consentino
ADDRESS:
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 471 Kenway Loop, Mooresville NC
APPLICATION DATE: 10/26/22
DATE EVALUATED: 2[illegible]
PROPERTY SIZE: 0.78[illegible]
PROPERTY RECORDED: Y
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 10-12	0-9	SCL-SBK	SSSP-FR-SE-VP	N/A	51"	S	N/A	PS 0.3
		9-37	C-SBK	SP-FR-SE-VP					
		37-51	CL-WSBK	SSP-FR-SE-VP					
		51-100	SAP/L-M	NSNP-FR-SE-VP					
					Mica common, Sap f-c 37"+				
2	T/FS 10%	0-4	FILL	—		55"	N/A	N/A	PS 0.275
		4-9	SCL-WSBK	SSSP-FR-SE-VP					
		9-42	C-SBK/ABK	SP-FR-SE-VP					
		42-55	CL-WSBK	SSSP-FR-SE-VP					
					larger peds, some Mn organic staining on ped faces 9-42 Some C sheen				
3	FS 8%	0-7	SCL-SBK	SSSP-FR-SE-VP	2.5YR 7/4 @32"+	50"	N/A	N/A	PS 0.25
		7-28	C-SBK	SP-FR-SE-VP					
		28-42	C-SBK/ABK	"					
		42-50	CL-WSBK	SSSP-FR-[illegible]					
					lateral f/o 28"-42" minor, rain 2 days prior YR 7.5/8				
4	LS 15%	0-8	SCL-WSBK	SSSP-FR-SE-VP		49"	S	N/A	PS pre-treat 0.3
		8-28	C-SBK	SP-FR-SE-VP					
		28-49	CL-WSBK	SSSP-FR-SE-VP					
		49-100	SAP-L-M	NSNP-ER-M					
					Common Sap incl 28"+, Mica throughout				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	318	
System Type(s)		
Site LTAR	0.275	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D. Wiebesiek
OTHER(S) PRESENT: S. Gandy

COMMENTS:


C2 | 7°42'43" | 19.96' | 148.29' | S31°56'22"E | 19.94'
subject to any Restrictions, Easements, and/or record and those not of record if they exist.
Property is located in a Special Flood Hazard Area
mated by the FEMA FLOOD INSURANCE RATE MAPS.
3710463600J – Effective Date 3/18/2008.
Zoned RR.
ment found within 2000' of Subject Property.
tations per DB 695–901.
or current Zoning and exceed those shown on PB 4–15.
ior to adoption of County Wide Zoning Ordinance per owner.
e 25' per PB 14–15 at time of construction.
that the ratio of precision is 1 : 10,0
requirements of The Standards of Pra
according to North Carolina Administrat
This survey is of an existing parce
create a new street or change an
This 9th day of October, 201
THIS DOCUMENT ORIGINALL
BY THOMAS E. WILLIAMS, PLS
THIS MEDIUM SHALL NOT BE CONS
Thomas E. Williams, NCPLS 47
KENWAY LOOP
60' PUBLIC R/W
EX PKN
TIE LINE
S38°41'28"W
44.15'
EX #6 REBAR
RWM
C1
CLEAR
0.3'
BLDG
31.8'
1025
PB 14–15
NOW OR FORMERLY
ROGER & SUSAN BEDNARICK
DB 857–1094
GARAGE
CONCRETE
FUTURE
WORK SHED
GRAVEL
DRIVE
WELL
S28°05'00"E
102.23'
STAT CIRCLE
60' PUBLIC R/W
15' SETBACK
N22°26'28"E
202.92'
35' SETBACK
RWM
C2
EX #5 REBAR
WALK
GRAVEL
WALK
DECK
MANUFACTURED
RESIDENCE
#1
34
0.761 ACRE
34,024 SQ.FT.
51.8'
29.1'
10' SETBACK
S22°26'00"W
185.17'
50' VEGETATIVE BUFFER
50' SETBACK
EX #5 REBAR
33
PB 14–15
NOW OR FORMERLY
JESSE OATES JR ETAL
17E–523
PIER
N54°28'56"W
162.85'
FEMA FLOODLINE
FUEL POND
ZONE X
ZONE AE
COVERED
BOAT LIFT
DOCK
LAKE
NORMAN
EX #5 REBAR
Boundary and Physic
471 Kenway Lo
CRESCENT LAND & TIM
LAKE NORMAN RECREA
SECTION 15 LOT
Davidson Township, Iredel