File/Permit #: OSWP-2024-46707

IREDELL COUNTY HEALTH DEPARTMENT
JANE HINSON, MS, BSN, RN
HEALTH DIRECTOR

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

EXISTING SYSTEM APPROVAL

Issued by: ☑ Local Health Department ☐ AOWE ☐ Certified Inspector

☑ Existing System Approval
- ☑ Site modification (e.g., storage shed) or footprint addition with no DDF or wastewater strength increase
- ☐ Reconnection when the proposed facility is in the same footprint as existing/previous facility

☑ Construction Authorization/Notice of Intent to Construct

[issued for reconnection when the proposed facility is not in the same footprint as existing/previous facility pursuant to Session Law 2023-77, Section 5.(c)]

[certified inspectors are not authorized to approve reconnections outside of footprint pursuant to Session Law 2023-77, Section 5.(c)]

Applicant: Keku Mistry
Mailing Address: 178 Montibello Dr
City: Mooresville
State: NC Zip: 28117
Phone #: 704-779-8914
Email: kekumistry@hotmail.com

Owner: Ameritat, LLC
Mailing Address: 178 Montibello Dr
City: Mooresville
State: NC Zip: 28117
Phone #: 704-779-8914
Email: kekumistry@hotmail.com

PIN/Lot Identifier: 4635-86-4051 ✓
Property Location/Address: 353 Camino Real Rd, Mooresville, NC 28117 ✓

Facility Type: ☑ House/Modular ☐ Mobile/Manufactured Home ☐ Business ☐ Other: _____

Operation Permit/ATO #: OSWP-2024-46707 Design Daily Flow: 360 GPD
Number of Bedrooms: 3 Max # Occupants: 6 Other: _____
Wastewater Strength: ☑ Domestic ☐ High Strength ☐ Industrial Process Wastewater
Water Supply: ☑ Private well ☐ Public well ☐ Shared well ☐ Municipal Supply ☐ Spring ☐ Other: _____

Proposed Property Improvement: Addition to the home, remodel the interior, addition to the deck. Bedroom count will not increase.

All of the following must be checked for approval:

***For Reconnections:**
- ☐ Site complies with its Operation Permit or the wastewater system was in use prior to July 1, 1977
- ☐ No current or past uncorrected malfunction of the system as described in 15A NCAC 18E .1303(a)(2)
- ☐ DDF and wastewater strength for the proposed facility do not exceed that of the existing system
- ☐ Facility meets the setbacks in Section .0600 of 15A NCAC 18E
- ☐ Existing system is being operated and maintained in accordance with Section .1300 of 15A NCAC 18E and permit conditions.

***For Site Modifications or Footprint Expansions:**
- ☑ Proposed structure meets the setbacks in Section .0600 of 15A NCAC 18E

Approval Conditions: Keep structure 10' from all parts of existing system and keep all traffic off of the septic area.
May be 5' from system without foundation drains

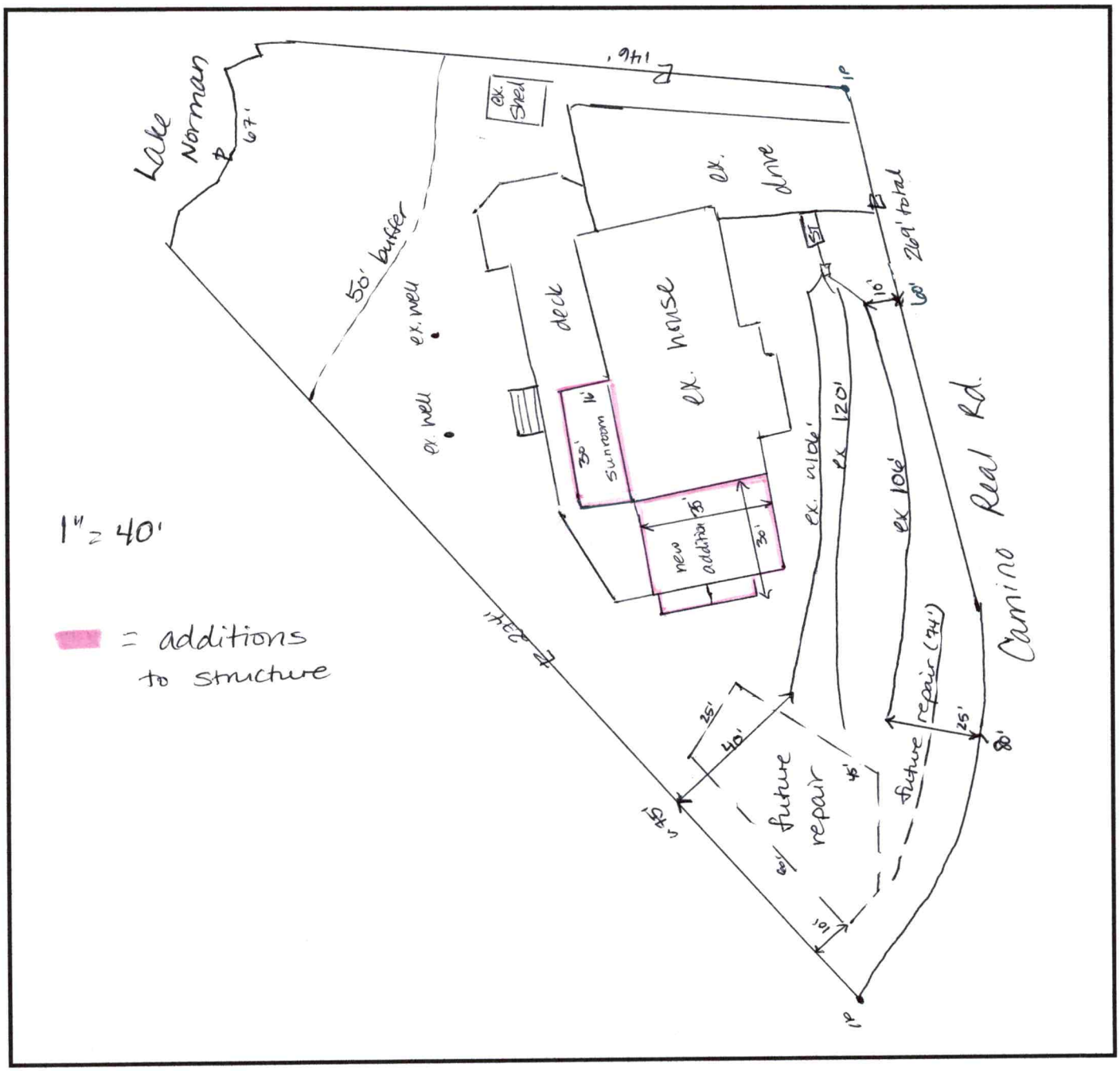
Inspector's Printed Name: Danielle Wieberg Inspector Certification #: 2572
Inspector's Signature: _____ Date: 2/15/24

See attached site sketch

EXISTING SYSTEM APPROVAL
SITE SKETCH

Operation Permit/ATO #: OSWP-2024-46707 PIN/Lot Identifier: 4635-86-4051

Owner: Ameritat, LLC Property Location/Address: 353 Camino Real Rd, Mooresville, NC 28117



*Include the existing and proposed structures and applicable setbacks.

Central Office
318 Turnersburg Hwy
Statesville, NC 28625
704-878-5300

Mooresville Site
610 E. Center Avenue
Mooresville, NC 28115
704-664-5281

Environmental Health
349 N. Center Street
Statesville, NC 28677
704-878-5305 x3456

www.co.iredell.nc.us/161/Health-Department

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

Sheet 1 of 1
PROPERTY ID #: 4635-80-4051
COUNTY: Iredell

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

Exp to 4BR
Amendat

OWNER: _____ APPLICATION DATE 6/14/23
ADDRESS: 178 Montbello Dr, Mooresville DATE EVALUATED: 7/10/23
PROPOSED FACILITY: 3BR=EXP PROPOSED DESIGN FLOW (.1949): 120 PROPERTY SIZE: 0.61
LOCATION OF SITE: 353 Camino Real, Mooresville PROPERTY RECORDED: Y 1962
WATER SUPPLY: ☒ Private ☐ Public ☑ Well ☐ Spring ☐ Other existing
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5%	0-8	SCL/FILL	SSSP-FR SXP	Mn staining prevalent-8-24 Mn deposits throughout	54	N/A	N/A	PS 0.275
		8-24	C/C - SBK	SSSP-FR SXP					
		24-54	C - SBK	SP-FR SXP					
2	LS	0-8	SCL - SBK	SSSP-FR SXP	Mn stainings mn d	50	N/A	N/A	PS 0.275
		8-27	C/C SBK	"			8-27		
		27-50	C - SBK	SP - FR - SXP					
3	LS 5%	0-6	SCL - SBK	SSSP-FR-SXP		58"	N/A	N/A	PS 0.3
		6-34	C/C SBK	SSSP-FR SXP					
		34-58	C - SBK	SP - FR - SXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	74'	"
System Type(s)	50%, PM	"
Site LTAR	0.275	"

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D Vickery
OTHER(S) PRESENT: A Stephens, K Mistry

COMMENTS: No permit on file for existing however I felt 332' sufficient to give 3BR credit

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

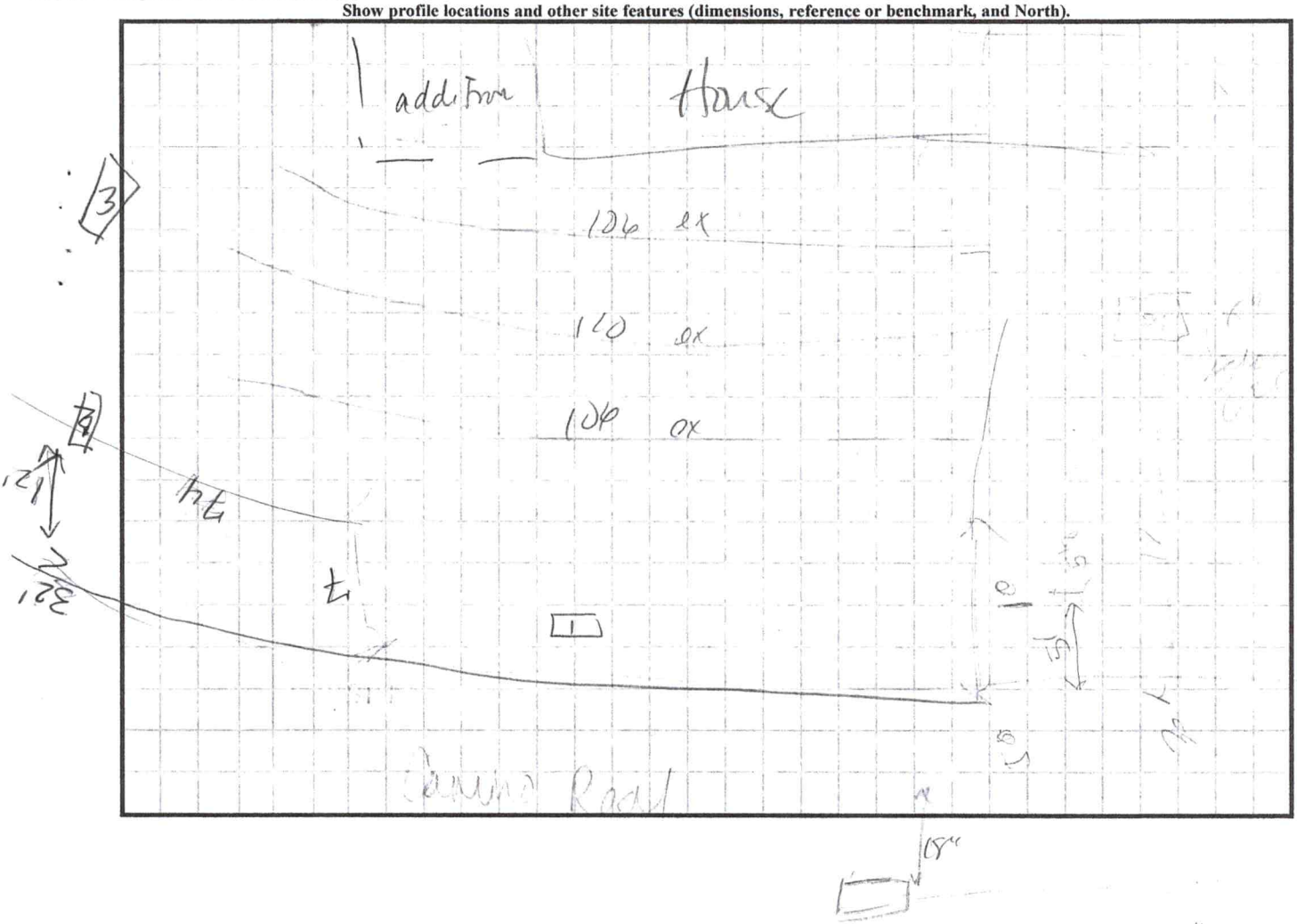
NOTES

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)
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), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

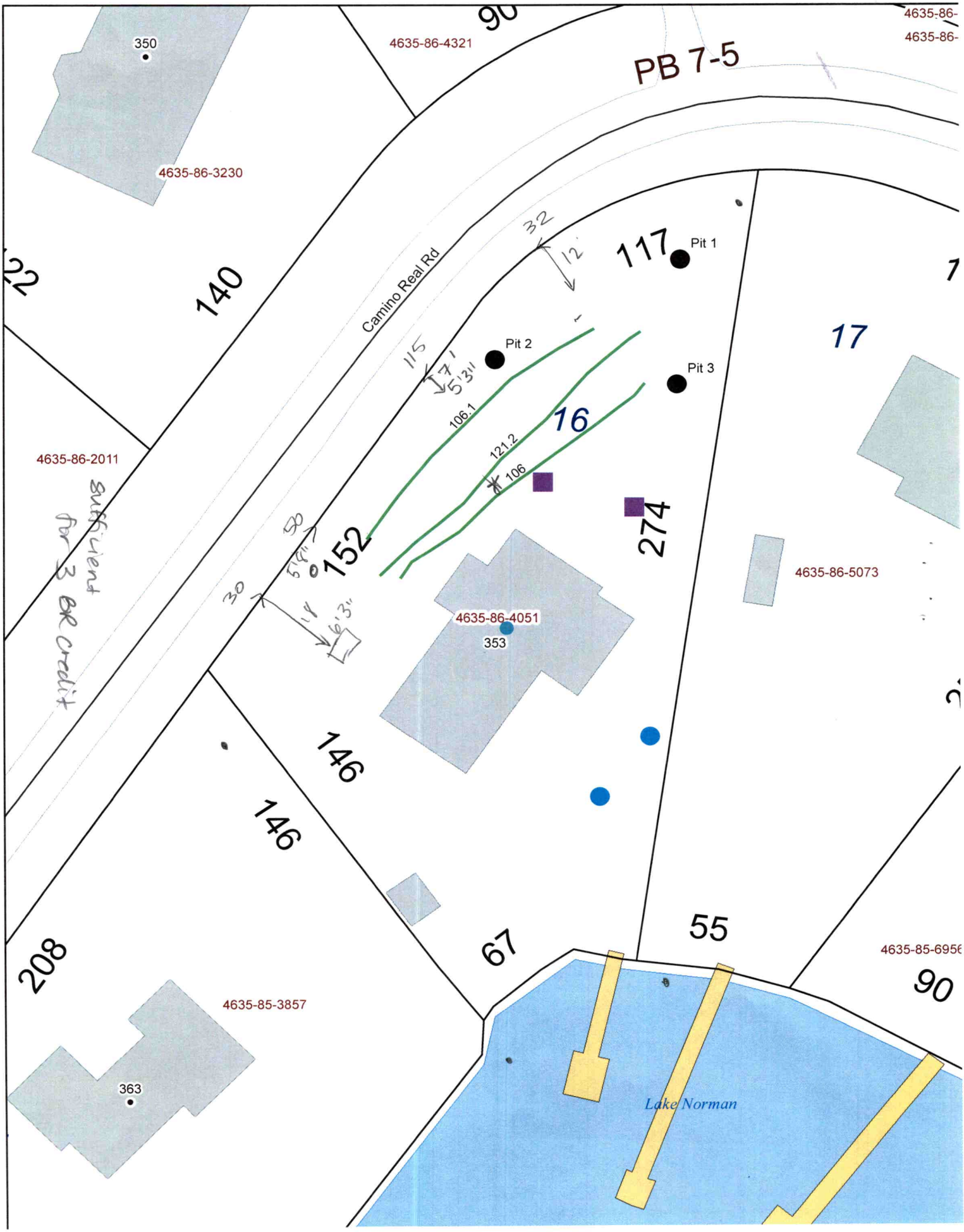
Long-term Acceptance Rate (LTAR): gal/day/ft^2

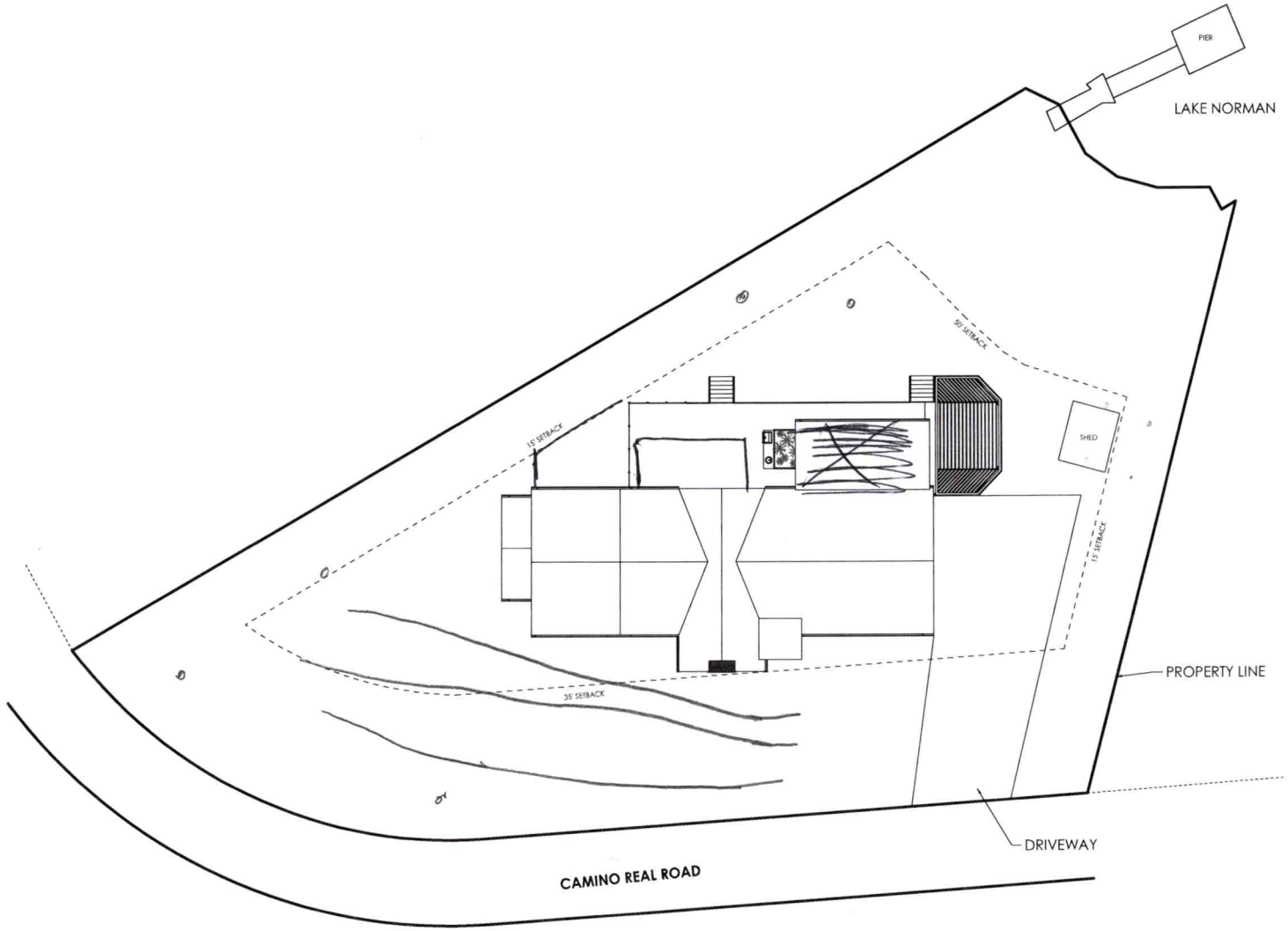
Show profile locations and other site features (dimensions, reference or benchmark, and North).



50"

44"


PB 7-5
Camino Real Rd
350
4635-86-4321
4635-86-3230
4635-86-2011
4635-86-5073
4635-86-4051
353
4635-85-3857
363
4635-85-6956
140
152
146
146
208
67
55
90
274
117
Pit 1
Pit 2
Pit 3
16
17
32
12'
115
7'1"
5'3"
106.1
121.2
106
30
50
5'4"
14'
6'3"
sufficient for 3 BR credit
Lake Norman



1 ARCHITECTURAL SITE PLAN
1" = 10'-0"

NAWAZISH G. NANJI, ARCHITECT
NORTH CAROLINA PROFESSIONAL
LICENSE NUMBER: 12874

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NAWAZISH G. NANJI, ARCHITECT

CLIENT:
MISTRY RESIDENCE

GENERAL CONTRACTOR:

CONSULTANTS:

MISTRY RESIDENCE @ CAMINO REAL
PRICING SET / CONSTRUCTION DOCUMENTS
2023-06-18
353 CAMINO REAL ROAD, MOORESVILLE, NC

PROJECT NUMBER
MRS2304

SHEET ISSUE

DATE	DESCRIPTION
	SET #1 OF CONSTRUCTION SET

SHEET NAME
ARCHITECTURAL SITE PLAN
& PROJECT DATA

SHEET NUMBER:
A02