ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT # AP 2022-0272

PIN # 4645 -- 13 -- 7307

APPLICANT/OWNER: Keven Schmidt

APPLICANT ADDRESS: 185 Keenan Rd Mooresville NC 28117

SITE ADDRESS: 185 Keenan Rd Mooresville NC 28117

PHONE: (912) 617-6162

ALT. PHONE —

SITE DIRECTIONS: I-77S exit 31 (R), (R) onto Keenan

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Keenan Shores

SECTION: — LOT # 2 LOT AREA: —

DESIGN FLOW: 360 L.T.A.R. .3

Septic Tank 1250 (gal) STB 964 Date: 3/20/23

Pump Tank 1250 or Larger (gal) PT 353 Date 2-9-23

Pump Make — Model — Serial # —

Nitrification Fields 1 # Lines 7 Linear Ft 212 Ft

Trench Width 36 in Trench Bottom Depth ~~(Low side)~~ 36 in (Max) Gravel Depth N/A

☐ New System ☑ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: —

Repair System Description: ABBS - Vertical - 6m

Maintenance Agreement Required: ☐ YES ☑ NO

☐ GRAVITY ☑ PRESSURE

☑ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees —

☐ Slab ☐ Crawl Space

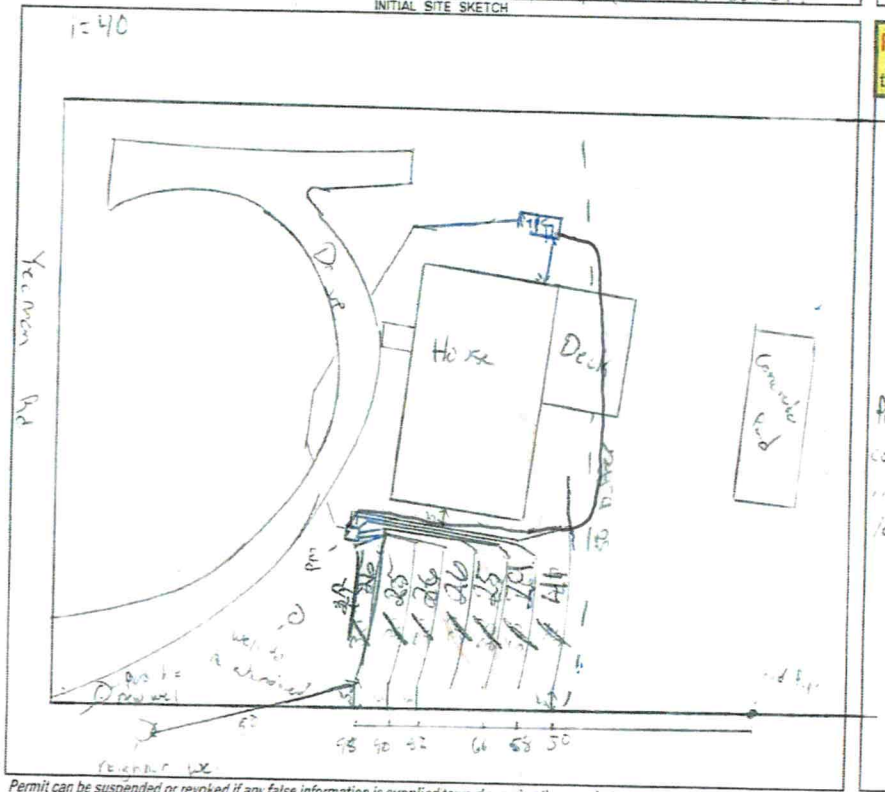
☑ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour w/ 45ft on center. Must stay 5ft from PL and supply line 5ft from house. As much line as possible laid out per request of owner.

INITIAL SITE SKETCH

1=40



Minimum 1250 gal Tank required. Supply line can go below the house in the 50ft buffer if needed in order to avoid well. If this happens the 30ft buffer will need to be marked

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.

L1-L7 = 1/2 Sch 80 tee 5.48

Flow rate = 38.36

Dose = 170.4

Time = 4.6

Drawdown = 8.4

Lake Norman

Property continues into the lake

Lines SL to CW tank 4/21/23

PT-SH 4/24/23

ST PH 4/25/23 Floats DD

Move water line 10' from manifold

Well needs to be abandoned prior to septic install 10/20/22

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: [signature] Date: 8/29/22

AUTHORIZATION TO CONSTRUCT: [signature] Date: 12/29/22

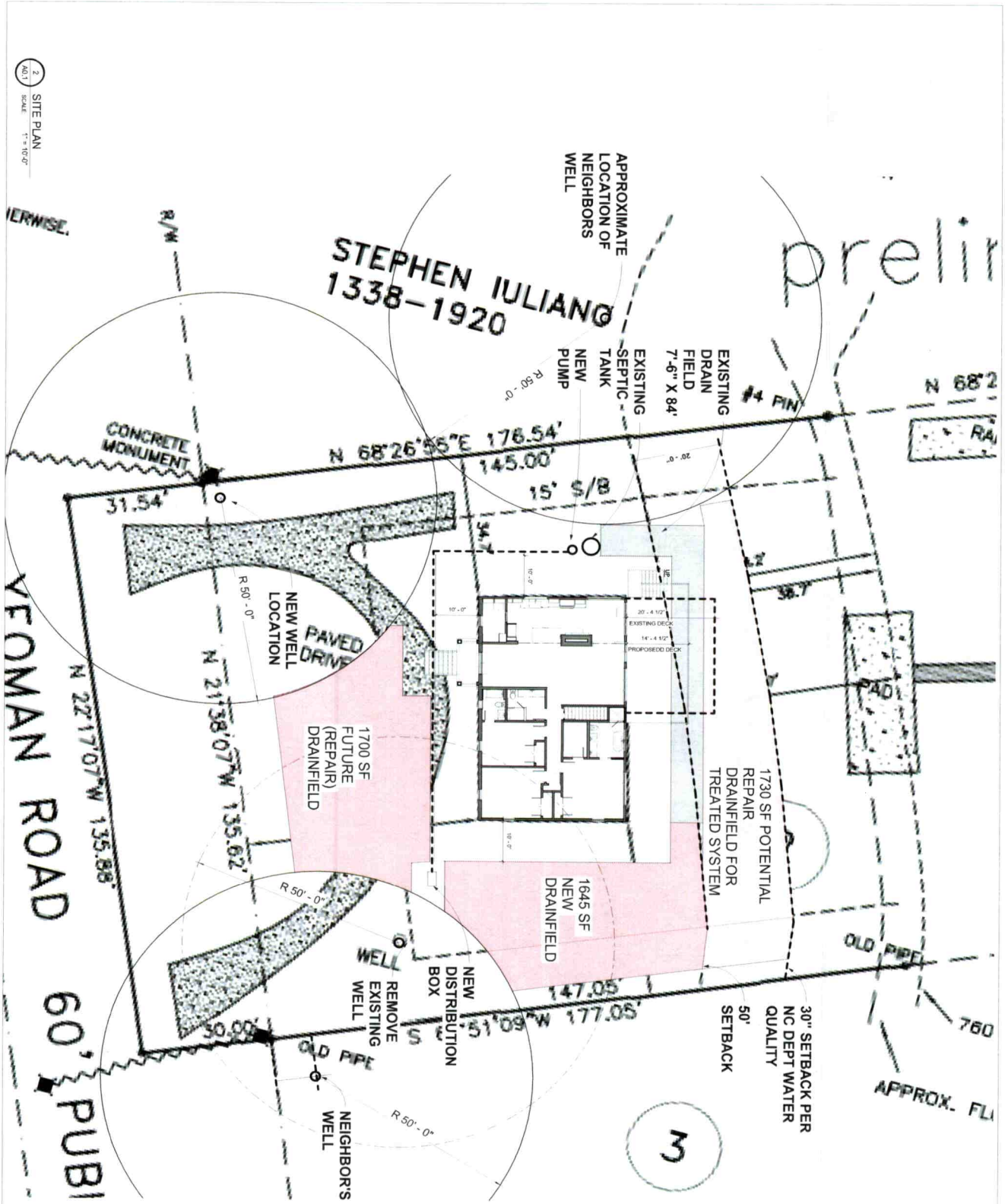
Installed by: Abernathy

OPERATION PERMIT by: [signature] Date: 6/23/23

Existing System Inspected by: — Date: —

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

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RENOVATION FOR KAREN AND PETER SCHMIDT

188 YEOMAN DR
MOORESVILLE, NC

KAREN SCHMIDT ARCHITECT
100 OAK STREET
SAINTSIMONS ISLAND, GA 31522
912.617.0162
KARENSCHMIDTARCHITECT@GMAIL.COM

Sheet Title: SITE PLAN
Project #:
Date: 08/08/2022

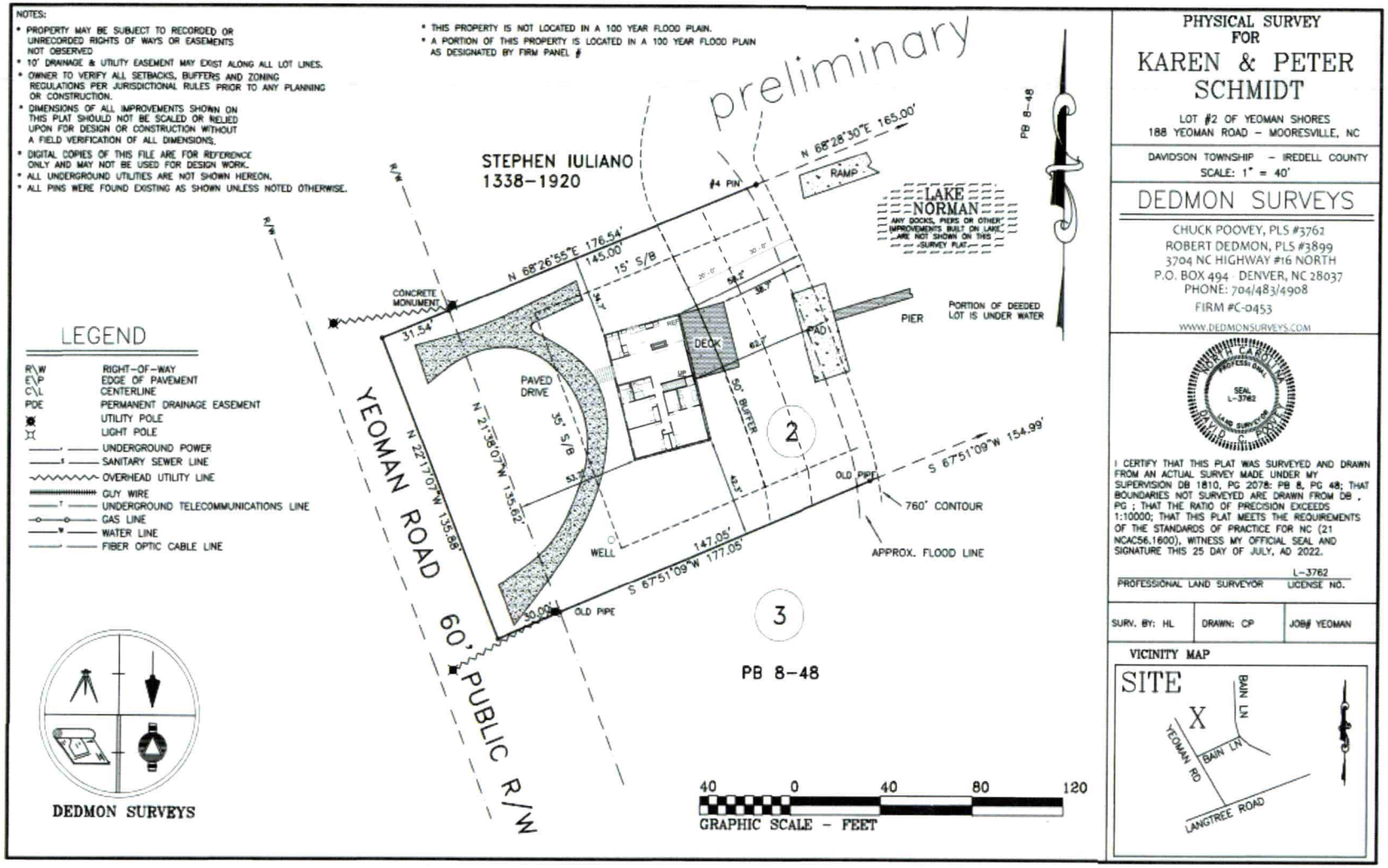
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NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- 10' DRAINAGE & UTILITY EASEMENT MAY EXIST ALONG ALL LOT LINES.
- OWNER TO VERIFY ALL SETBACKS, BUFFERS AND ZONING REGULATIONS PER JURISDICTIONAL RULES 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.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
- ALL PINS WERE FOUND EXISTING AS SHOWN UNLESS NOTED OTHERWISE.

- THIS PROPERTY IS NOT LOCATED IN A 100 YEAR FLOOD PLAIN.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN AS DESIGNATED BY FIRM PANEL #

preliminary



LEGEND

R\W	RIGHT-OF-WAY
E\P	EDGE OF PAVEMENT
C\L	CENTERLINE
PDE	PERMANENT DRAINAGE EASEMENT
	UTILITY POLE
	LIGHT POLE
——, ——	UNDERGROUND POWER
——s——	SANITARY SEWER LINE
~~	OVERHEAD UTILITY LINE
———	GUY WIRE
——T——	UNDERGROUND TELECOMMUNICATIONS LINE
——o——o——	GAS LINE
——w——	WATER LINE
——, ——	FIBER OPTIC CABLE LINE

DEDMON SURVEYS

PHYSICAL SURVEY
FOR
KAREN & PETER SCHMIDT

LOT #2 OF YEOMAN SHORES
188 YEOMAN ROAD – MOORESVILLE, NC

DAVIDSON TOWNSHIP – IREDELL COUNTY
SCALE: 1" = 40'

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
FIRM #C-0453
WWW.DEDMONSURVEYS.COM

NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR

I CERTIFY THAT THIS PLAT WAS SURVEYED AND DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DB 1810, PG 2078; PB 8, PG 48; THAT BOUNDARIES NOT SURVEYED ARE DRAWN FROM DB , PG ; THAT THE RATIO OF PRECISION EXCEEDS 1:10000; THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR NC (21 NCAC56.1600), WITNESS MY OFFICIAL SEAL AND SIGNATURE THIS 25 DAY OF JULY, AD 2022.

L-3762
PROFESSIONAL LAND SURVEYOR — LICENSE NO.

SURV. BY: HL	DRAWN: CP	JOB# YEOMAN

VICINITY MAP

KAREN SCHMIDT ARCHITECT
800 OAK STREET
SAINT SIMONS ISLAND, GA 31522
912.617.0862
KAREN@SCHMIDTARCHITECTS@GMAIL.COM

This drawing is to be used only for the purpose of constructing the work shown on the site specified. Use of this drawing, including without limitation any reproduction or alteration of this drawing, without prior written approval of Karen Schmidt Architect, P.C. is prohibited.

RENOVATION FOR KAREN AND PETER SCHMIDT
188 YEOMAN DR.
MOORESVILLE, NC

Sheet Title: SURVEY

Project #:

Date: 08/08/2022

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1" = 40'

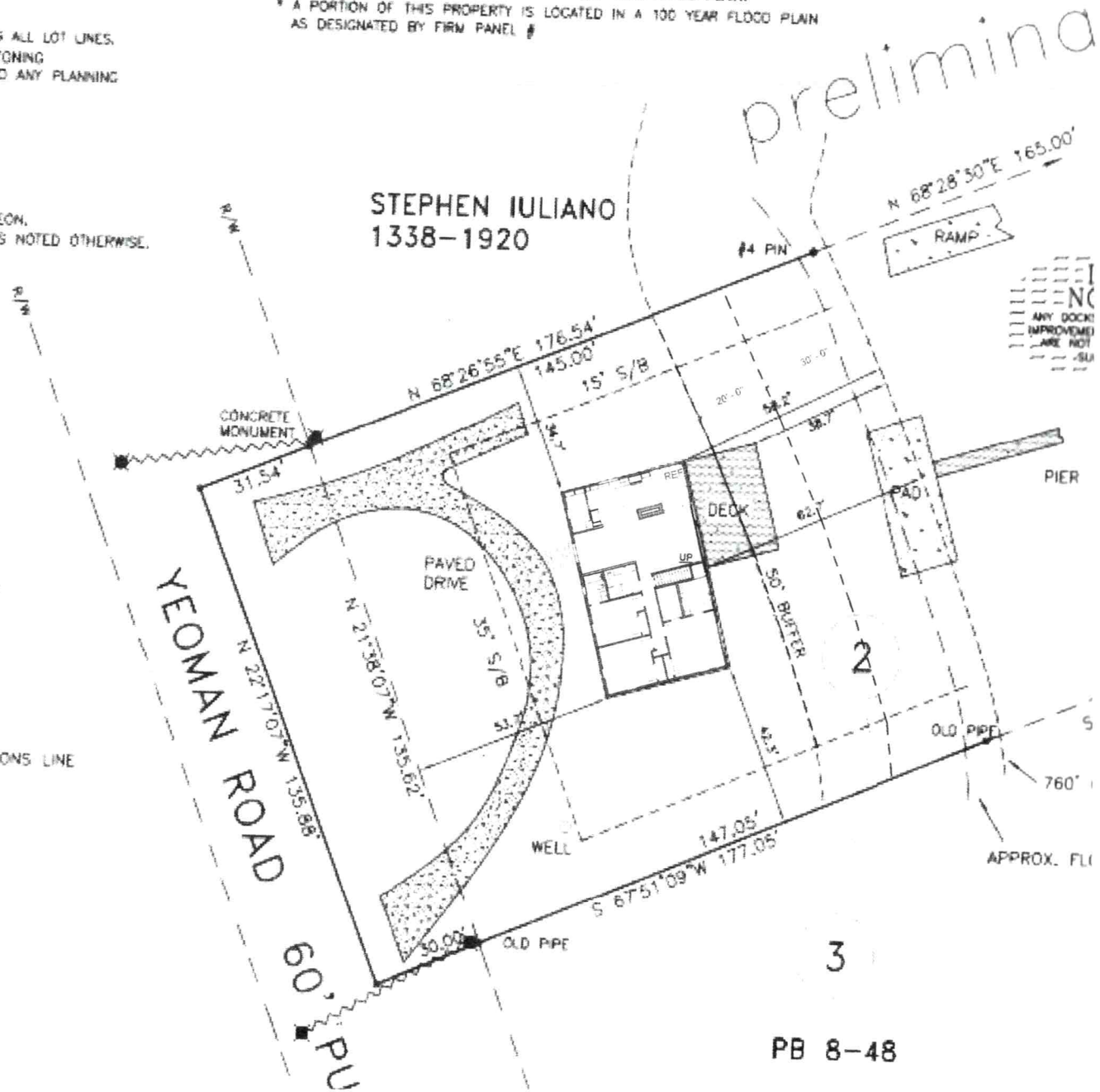
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	GUY WIRE
	UNDERGROUND TELECOMMUNICATIONS LINE
	GAS LINE
	WATER LINE
	FIBER OPTIC CABLE LINE



PB 8-48

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

Sheet 1 of 1
PROPERTY ID #: 7645137509
COUNTY: Iredell

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

OWNER: Keren Schmidt
ADDRESS: 168 Yeaman Ln
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 168 Yeaman Ln, Mooresville, NC
APPLICATION DATE: -
DATE EVALUATED: 8-25-22
PROPERTY SIZE: -
PROPERTY RECORDED: yes

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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 8%	0-18	C/SBK	SS-SP-FR-SEXP	— Rock in C layer Sap inc @ 39"	49"	—	—	PS .3
		18-49	CL/SBK	SS-SP-FR-SEXP					
2	LS 10%	0-5	Org	SS-SP-FR-SEXP	— Sap inc @ 40"	48"	—	—	PS .3
		5-21	C/SBK	SS-SP-FR-SEXP					
		21-48	CL/SBK	SS-SP-FR-SEXP					
3	LS 7%	0-8	SCL/Gr			46	Sap inclusions at 40		PS .3
		8-23	C/SBK						
		23-46	CL/SBK						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		360
System Type(s)	X	50% PM
Site LTAR		.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Wilkinson
OTHER(S) PRESENT: Sydney Hollow

COMMENTS: