ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-35470

PERMIT # OSWP-2023-35473

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

PIN # 4730-04-5290

APPLICANT / OWNER: Durham Carpentry Inc | APPLICANT ADDRESS: 131 Kimmel Dr, Troutman, NC 28166

SITE ADDRESS: 133 PARKSTONE DR, TROUTMAN, NC 28166 | PHONE: 704-363-7167 | ALT. PHONE: 239-839-3250

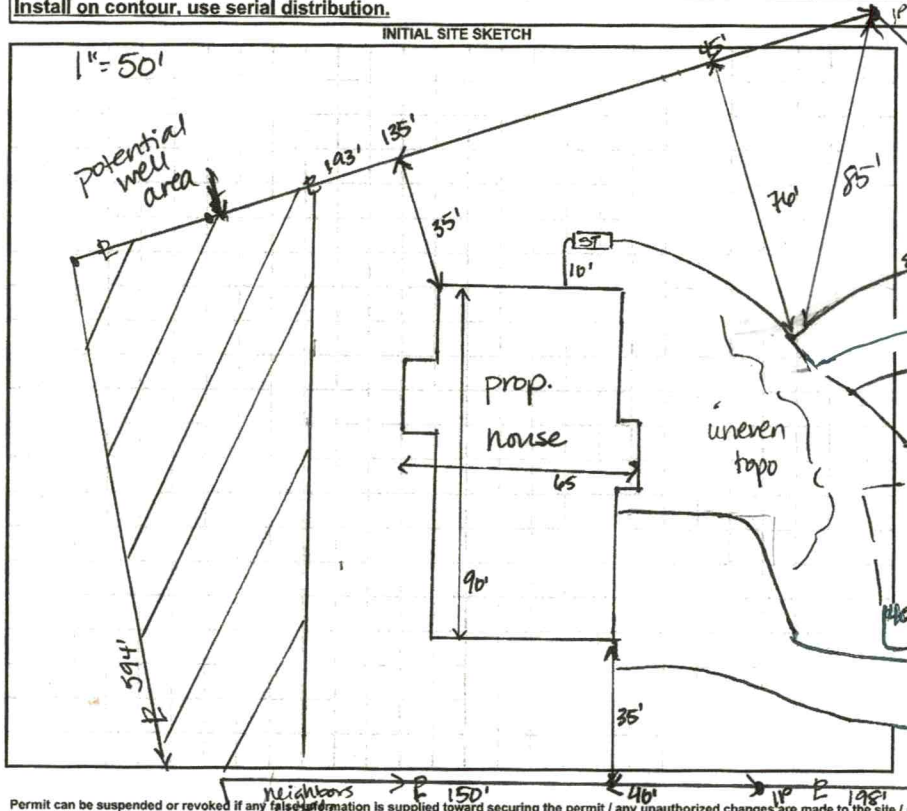
SITE DIRECTIONS: N Perth -> L State Park -> R Parkstone -> lot at end of cul-de-sac | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Parkstone | SECTION: N/A | LOT #: 5 | LOT AREA: 1.501 | DESIGN FLOW: 360 | L.T.A.R.: 0.3

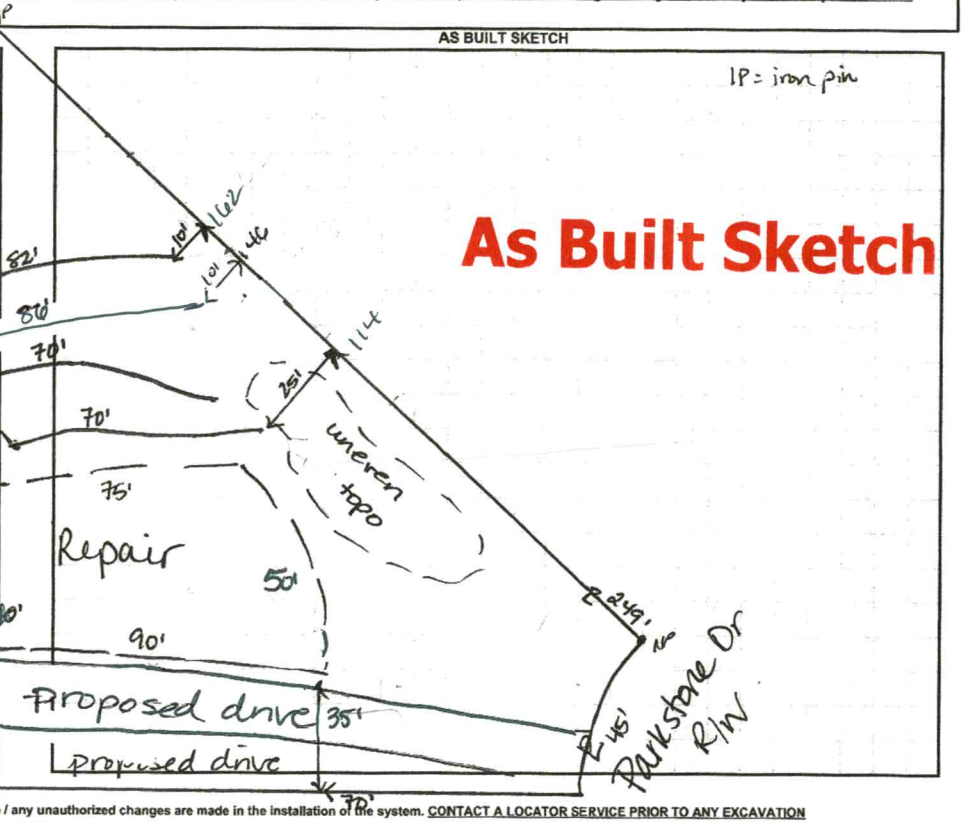
Septic Tank: 1000 (gal)	STB: Norweco	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: New Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: 50% Reduction		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 304	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 24		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not park, drive, pave, or bury utilities in drainfield area. May smooth uneven topography around drainfield to promote positive drainage away from septic components. Install on contour, use serial distribution.

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: | Date:

IMPROVEMENT PERMIT by: | Date: 9/28/23

AUTHORIZATION TO CONSTRUCT by: | Date: 10-31-23

Installed By: Ryan Byers

OPERATION PERMIT by: D. Weber | Date: 12/18/24

Existing System Inspected By: | Date:

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

H5

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-35473

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

PIN # 4730-04-5290

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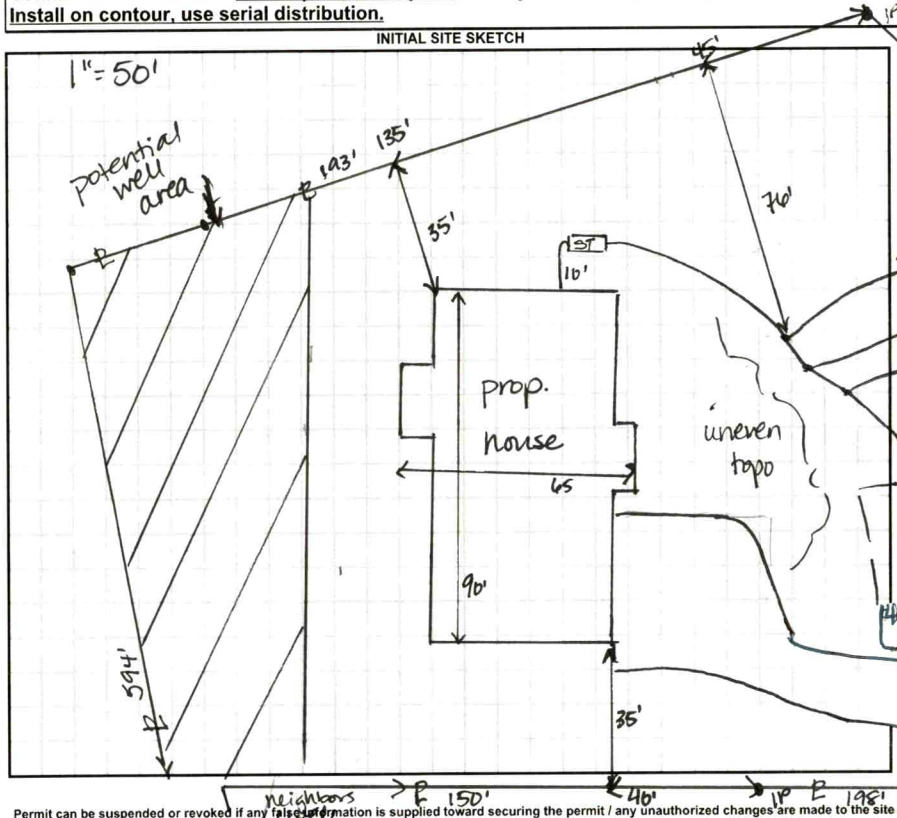
SITE DIRECTIONS: N Perth -> L State Park -> R Parkstone -> lot at end of cul-de-sac | SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Parkstone | SECTION: N/A | LOT #: 5 | LOT AREA: 1.501 | DESIGN FLOW: 360 | L.T.A.R.: 0.3

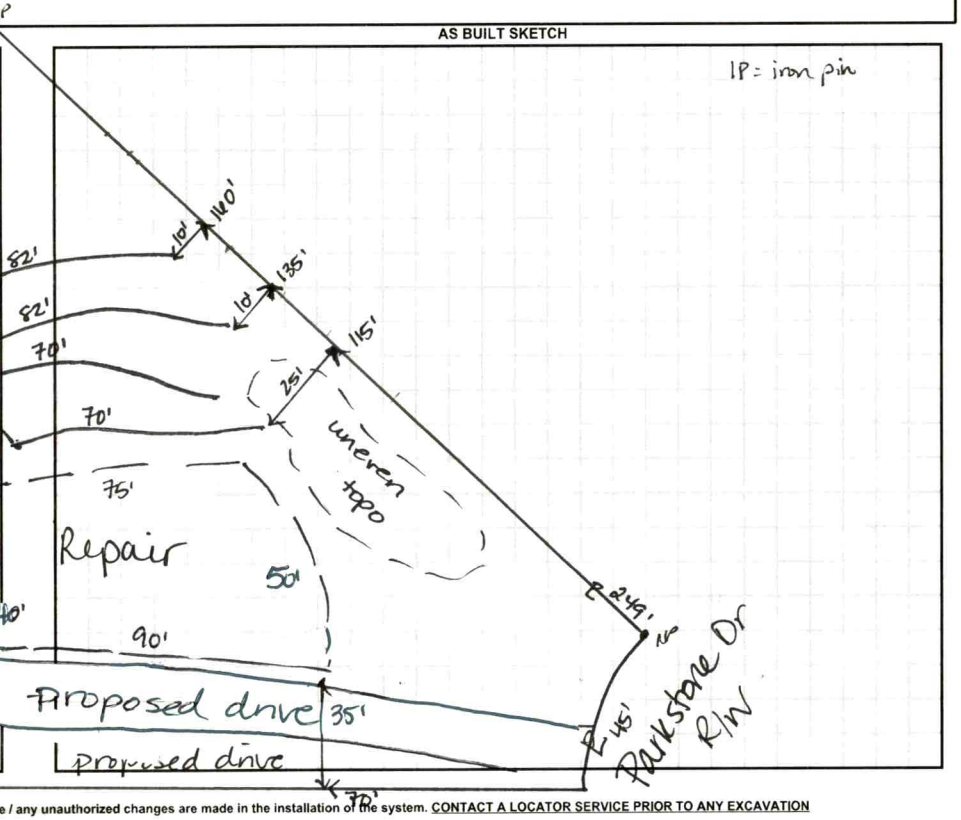
Septic Tank: 1000 (gal)	STB:	Date:	☒ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 3	Water Supply: New Well
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 6	
Pump Make:	Model:	Serial #:	Repair System Description: 50% Reduction		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 4	Linear Ft.: 304	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 24		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not park, drive, pave, or bury utilities in drainfield area. May smooth uneven topography around drainfield to promote positive drainage away from septic components. Install on contour, use serial distribution.

INITIAL SITE SKETCH



AS BUILT SKETCH



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☐ **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: Douglas P. Durham Date:

IMPROVEMENT PERMIT by: Date: 9/28/23

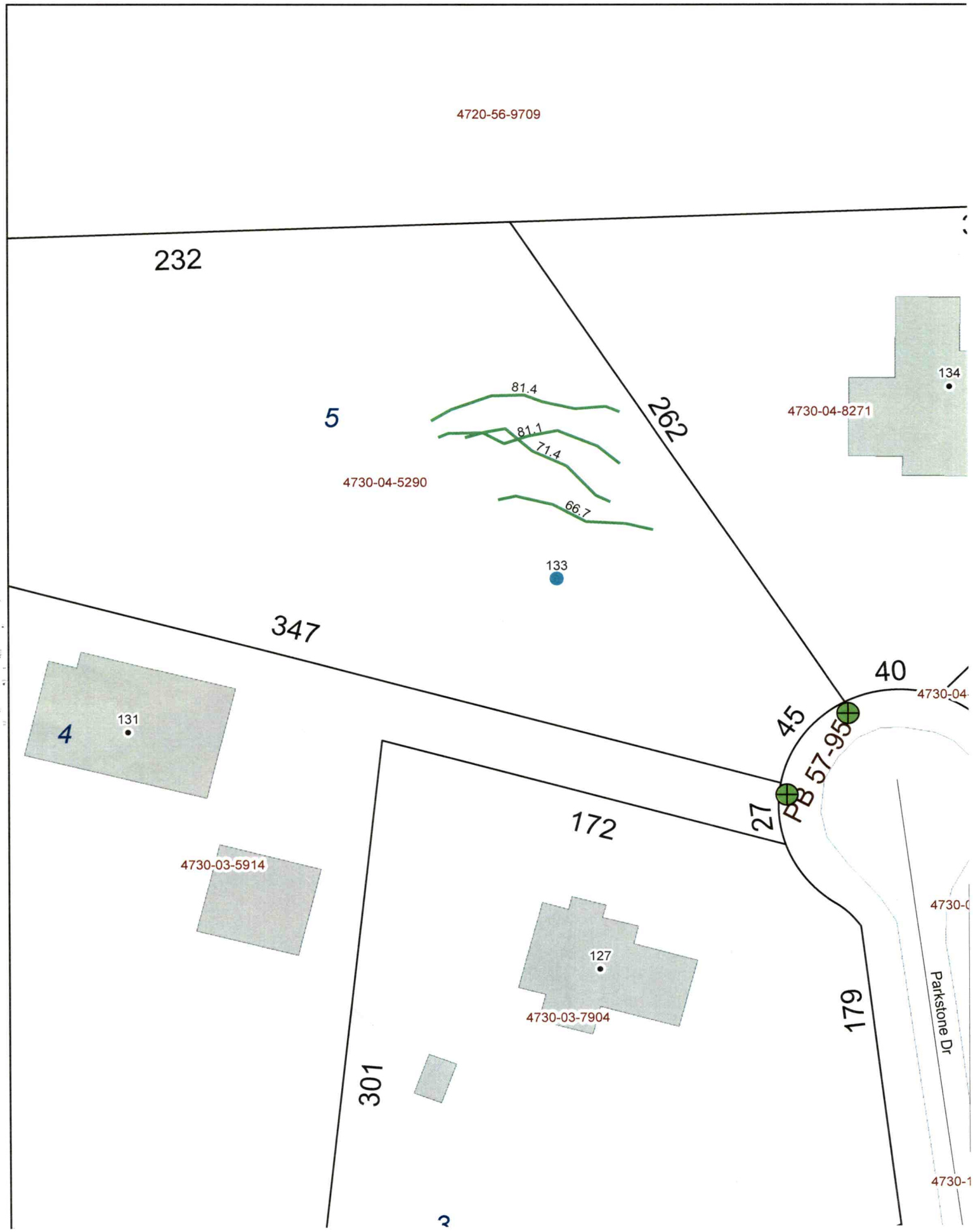
AUTHORIZATION TO CONSTRUCT by: Date: 10-31-23

Installed By:

OPERATION PERMIT by: Date:

Existing System Inspected By: Date:

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


4720-56-9709
232
262
5
81.4
81.1
71.4
66.7
4730-04-5290
134
4730-04-8271
133
347
40
45
PB 57-95
27
4
131
172
4730-03-5914
127
4730-03-7904
179
301
Parkstone Dr
4730-04
4730-0
4730-1
3

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

Sheet 1 of 2
PROPERTY ID #: 4730245790
COUNTY: Iredell

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

OWNER: Timothy Rice
APPLICATION DATE 8/31/23
ADDRESS: 214 Lake Ave, Lehigh Acres FL
DATE EVALUATED: 9/19/23
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 1.5
LOCATION OF SITE: 133 Parkstone Troutman
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 12%	0-16 16-34 34-52	SCL-SBK C-SBK CL-WSBK	SSSP-FR SXP SP-FR SXP SSSP-FR SXP	— sap ind	52 28"+	N/A	N/A	PS 0.3
2	Between Terraces 8%	0-17 17-38 38-54	C-SBK CL-SBK L-WSBK	SP SSSP-FR SXP SSSP-FR SXP	— few sap 0-17 sap ind common 38"+		N/A	N/A	PS 0.3
3	LS 10%	0-23 23-41 41-60	C-SBK CL-SBK L-WSBK	SP-FR SXP SSSP FR SXP SSSP-FR SXP	— sap common 41"+		N/A	N/A	PS
4	LS 5-10	0-12 12-34 34-53	C SBK CL SBK L WSBK	SP-FR SXP SSSP-FR SXP SSP	— sap pockets, ind common 12"+	53	N/A	N/A	PS 0.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	304'	200'
System Type(s)	25%	50%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D Webery
OTHER(S) PRESENT: B Moore

COMMENTS:

Updated February 2014

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.

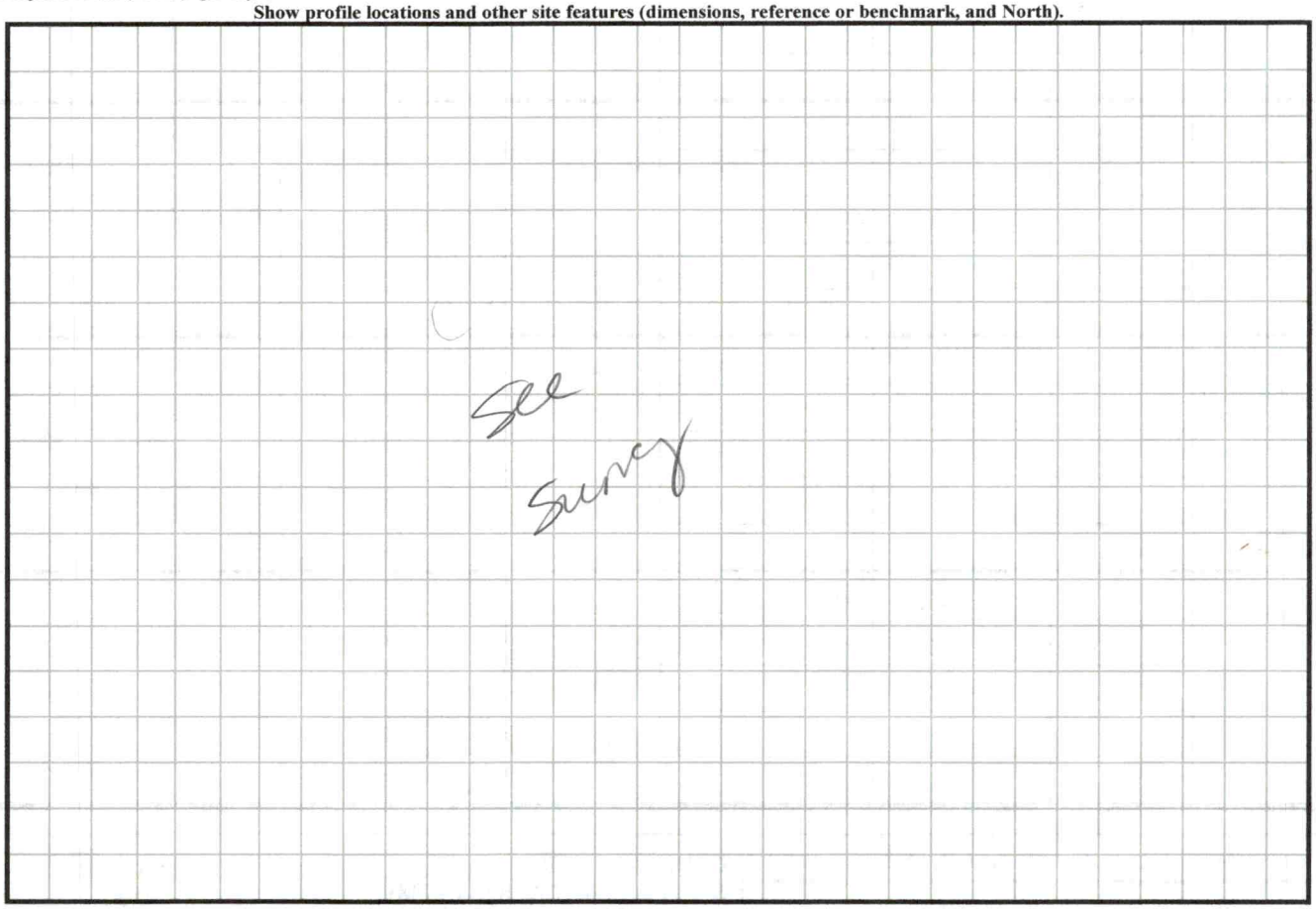
NOTES

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).



Sheet 1 of 2

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

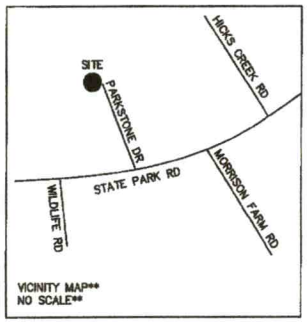
PROPERTY ID #: 4730045290
DATE OF EVALUATION: 9/19/23
COUNTY: Iredell

133 Parkstone

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
5	10%	0-30	C-SBK	SP-FR SXP	Sap incl common 30"+		N/A	N/A	0.3
		30-57	CL-SBK	SSSP-FR-SXP					

COMMENTS:

Updated February 2014



LEGEND

E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT
D.U.E. = DRAINAGE & UTILITY EASEMENT

PB.57 PG.95

PARCEL#:4730031738
PETER S BALISE
2892/1980

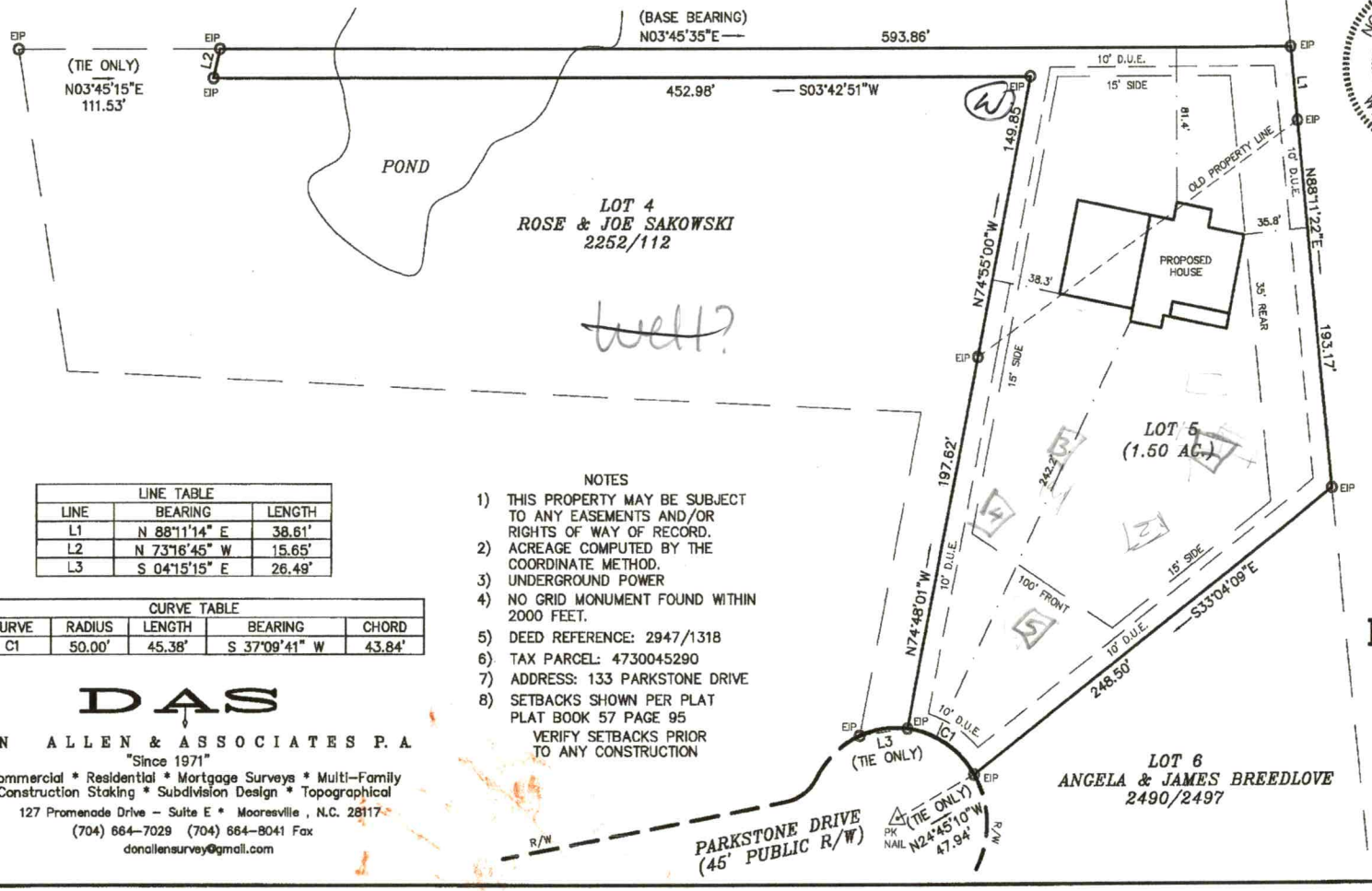
SURVEYORS CERTIFICATION

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 2947, PAGE 1318; THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND Ddepartures IS 1:10000, (THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK 57, PAGE 95); THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED.

WITNESS MY HAND AND SEAL THIS 23RD DAY OF AUGUST, A.D. 2023.

PROFESSIONAL LAND SURVEYOR
L-3499
REGISTRATION NUMBER

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



PARCEL#:4720569709
STATE OF NORTH CAROLINA
368/157

LINE TABLE		
LINE	BEARING	LENGTH
L1	N 88°11'14" E	38.61'
L2	N 73°16'45" W	15.65'
L3	S 04°15'15" E	26.49'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	50.00'	45.38'	S 37°09'41" W	43.84'

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: 2947/1318
6) TAX PARCEL: 4730045290
7) ADDRESS: 133 PARKSTONE DRIVE
8) SETBACKS SHOWN PER PLAT PLAT BOOK 57 PAGE 95
   VERIFY SETBACKS PRIOR TO ANY CONSTRUCTION

DAS
DON ALLEN & ASSOCIATES P.A
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
127 Promenade Drive - Suite E * Mooresville , N.C. 28117
(704) 664-7029 (704) 664-8041 Fax
donallensurvey@gmail.com

PLOT PLAN SURVEY
OF

LOT 5 PARKSTONE

FALLSTOWN TWSP., IREDELL CO., N.C.

SCALE: 1" = 100' DATE: AUGUST 23, 2023

ACQUIRED BY: TIM RICE & MELISSA VAUGHAN

0' 30' 60' 100'
SCALE IN FEET

PARKSTONE 4-5.DWG

9/21 @ 7:00

PERMIT SNAPSHOT REPORT OSWP-2023-35473 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	08/31/2023
Work Class:	EH Septic Permit	**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: NEEDS IP/AC - No permit found on file. 9/6 No Number listed sent email. Rec. email site ready. Site visit, site ready. HB near back of lot GM

Parcel: 4730045290.000 Main	**Address:** 133 Parkstone Dr Troutman, NC 28166 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Durham Carpentry Inc
Douglas C Durham
131 Kimmel Dr
Troutman, NC 28166

Property Owner
Timothy Rice
Mobile: (239) 839-3250

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	66x93
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Water Supply	New Well	Desired Septic System Type	No Preference	Has this project been approved by TRC	No
Lot Acreage	1.501	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Sep 1 2023 12:00AM
Zoning Permit Expiration Date	Feb 28 2024 12:00AM	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	WSIV CA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Douglas_Durham_8/31/2023.jpg	08/31/2023 8:37	Durham, Douglas		Uploaded via CSS
Agent_v1.pdf	08/31/2023 11:10	Hart, Ronda	Available Online	Authorize to Act as Agent
PLOT PLAN 8-23-23_v1.pdf	08/31/2023 12:47	Williams, Deborah	Available Online	Site Plan

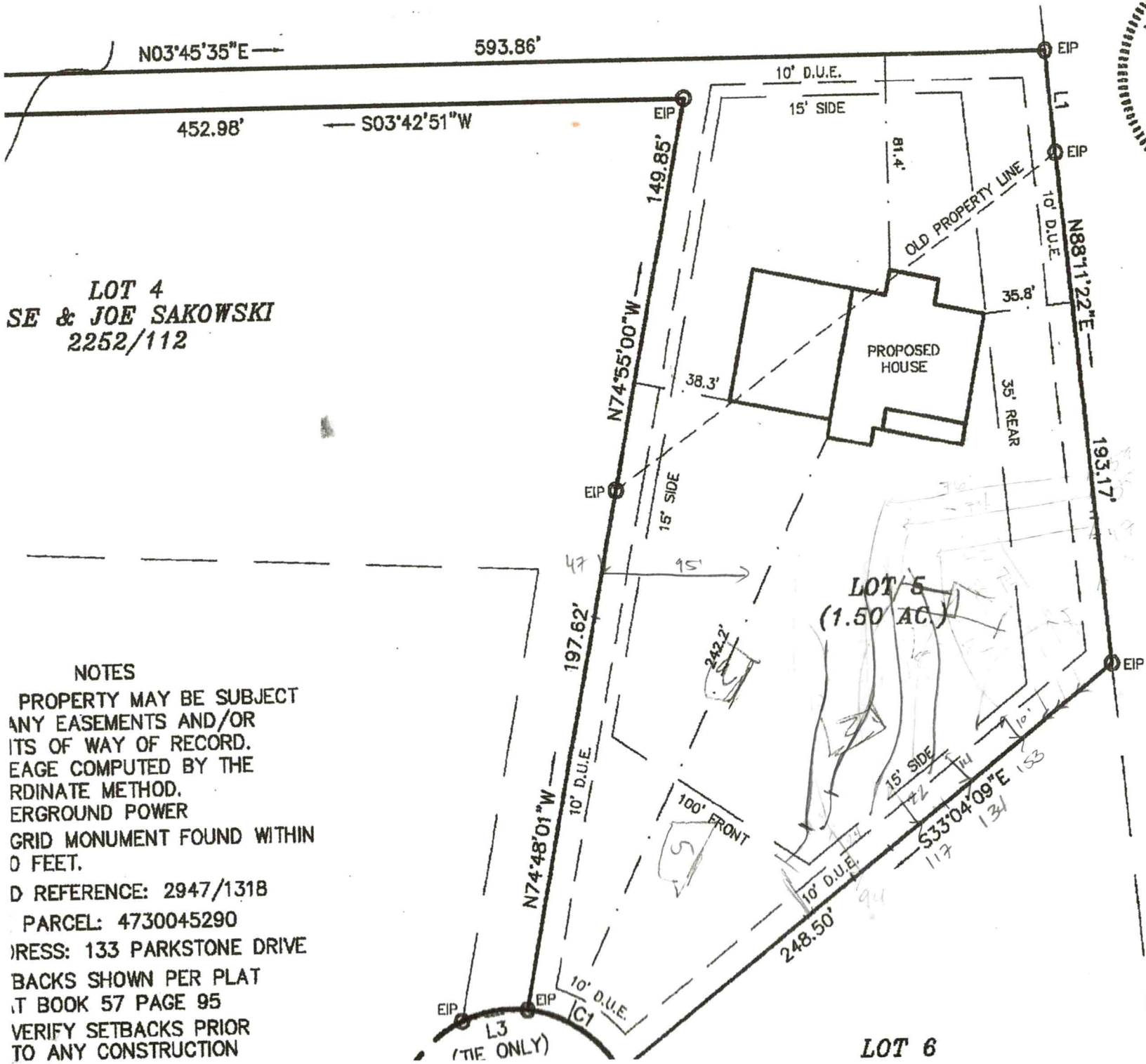
Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-135969	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/06/2023	09/06/2023 0:00	09/06/2023 0:00	09/06/2023 16:17	09/06/2023 16:17

Inspectors: McLeod, Grace (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Note	Created By	Date and Time Created
1. 9/6 No number listed sent email. Rec. email site ready. Site visit, site ready. HB near back of lot follow driveway. GM	Grace McLeod	09/06/2023 13:26

Invoice No.	Fee	Fee Amount	Amount Paid



PROFESSION... REGISTRATION
SEAL
L-3499
LAND SURVEYOR
WILLIAM M. ALLEN

PARCEL#: 47
STATE OF NOR
368/1

NOTES
PROPERTY MAY BE SUBJECT
ANY EASEMENTS AND/OR
ITS OF WAY OF RECORD.
EAGE COMPUTED BY THE
RDINATE METHOD.
ERGROUND POWER
GRID MONUMENT FOUND WITHIN
0 FEET.
D REFERENCE: 2947/1318
PARCEL: 4730045290
)RESS: 133 PARKSTONE DRIVE
BACKS SHOWN PER PLAT
T BOOK 57 PAGE 95
VERIFY SETBACKS PRIOR
TO ANY CONSTRUCTION

PLOT PL

LOT 5 P

FALLSTOWN TWS

SCALE: 1" = 100'

ACQUIRED