SW MANF-2024-40284 SWP

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 PERMIT # 2023-38842

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

PIN # 4705 -- 58 -- 8830

APPLICANT/OWNER: Christopher DeShazer APPLICANT ADDRESS: 1044 N. Anderson Rd, Rock Hill SC 29730

SITE ADDRESS: 137 Happy Acres Dr. Statesville NC 28625 PHONE: 248-773-2066 ALT. PHONE

SITE DIRECTIONS: Hwy 64 - (L) Lippard Springs - (R) Happy Acres - Lot on (L) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Happy Acres SECTION: - LOT # 15 LOT AREA: 0.46 DESIGN FLOW: 360gpd L.T.A.R.: .3 (R = .3)

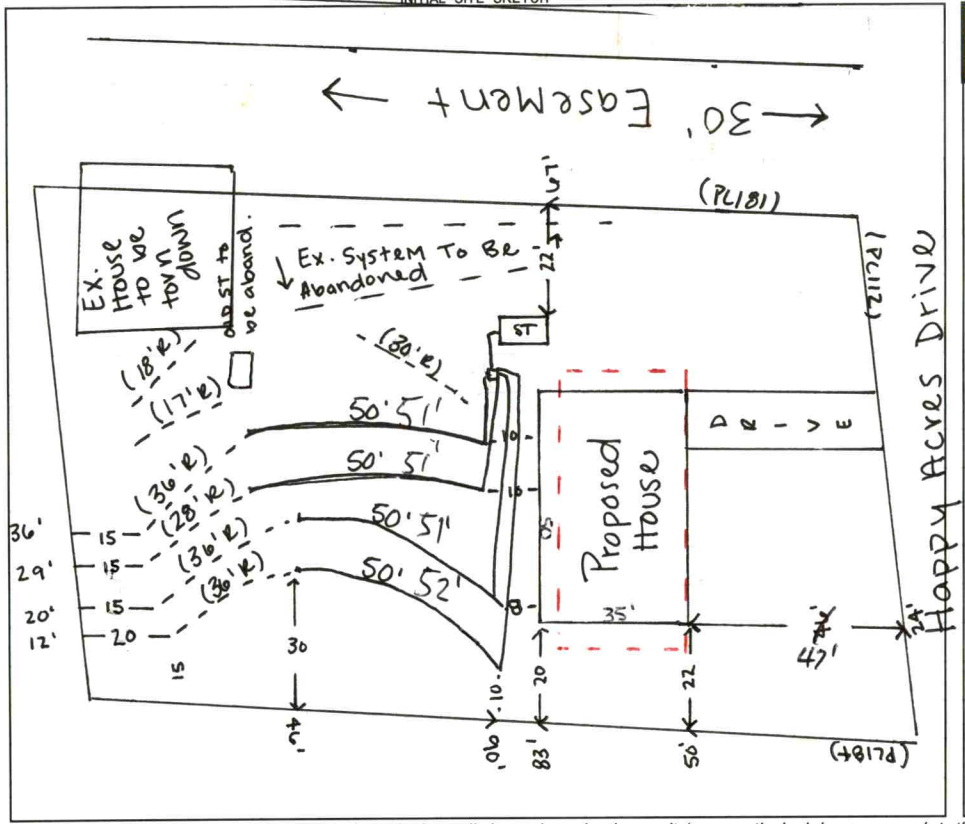
Septic Tank	1000	(gal)	STB 760	Date	1-11-2024	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank		(gal)	PT	Date		System Description:	50% Reduction			☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	50% Reduction			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	200'	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	24"	Trench Bottom Depth(Low side)	35"	Gravel Depth	-	☑ GRAVITY	☐ PRESSURE			☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: Install lines on contour. Do not pave, grade, park, drive, or bury utilities in drainfield. NO FOUNDATION DRAINS ON HOUSE

Install on 8' centers.

INITIAL SITE SKETCH



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.

1" = 40'

--- New House dimensions 56 x 26 SH" 1/6/23

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: - Installed by: RUSSELL EXCAVATION

IMPROVEMENT PERMIT by: Sydney Holland Date: 10/30/23 OPERATION PERMIT by: Barbara C. Wade Date: 3-13-2024

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 11/6/23 Existing System Inspected by: Date:

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

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

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

Sheet 1 of ____
PROPERTY ID #: 4705588830
COUNTY: Iredell

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

OWNER: Clayton Homes
ADDRESS: 1044 N. Anderson Rd, Rock Hill, SC 29730
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360gpd
LOCATION OF SITE: 137 Happy Acres Dr. Statesville 28625
WATER SUPPLY: Private Public Well Spring (Other) Municipal
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE 10/12/23
DATE EVALUATED: 10/26/23
PROPERTY SIZE: 0.46
PROPERTY RECORDED: yes

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 2%	0 - 35	C | SBK	SS-SP-FR-SE	—	48"	-	—	P.S .3
		35 - 48	CL | SBK	SS-SP-FR-SE	Few MICA inc in CL				
2	LS 1-2%	0 - 7	SC | SBK	SS-SP-FR-SE	Clay veins in CL Few mica inc. in CL	48"			P.S .3
		7 - 30	C | SBK	SS-SP-FR-SE					
		30 - 48	CL | SBK	SS-SP-FR-SE					
3	LS 1-2%	0 - 9	SC | SBK	SS-SP-FR-SEXP		48"			P.S .3
		9 - 48	C | SBK	SS-SP-FR-SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	200'	200'
System Type(s)	50%	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946): P.S
SITE CLASSIFICATION (.1948):
EVALUATED BY: S. Holland
OTHER(S) PRESENT:

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.

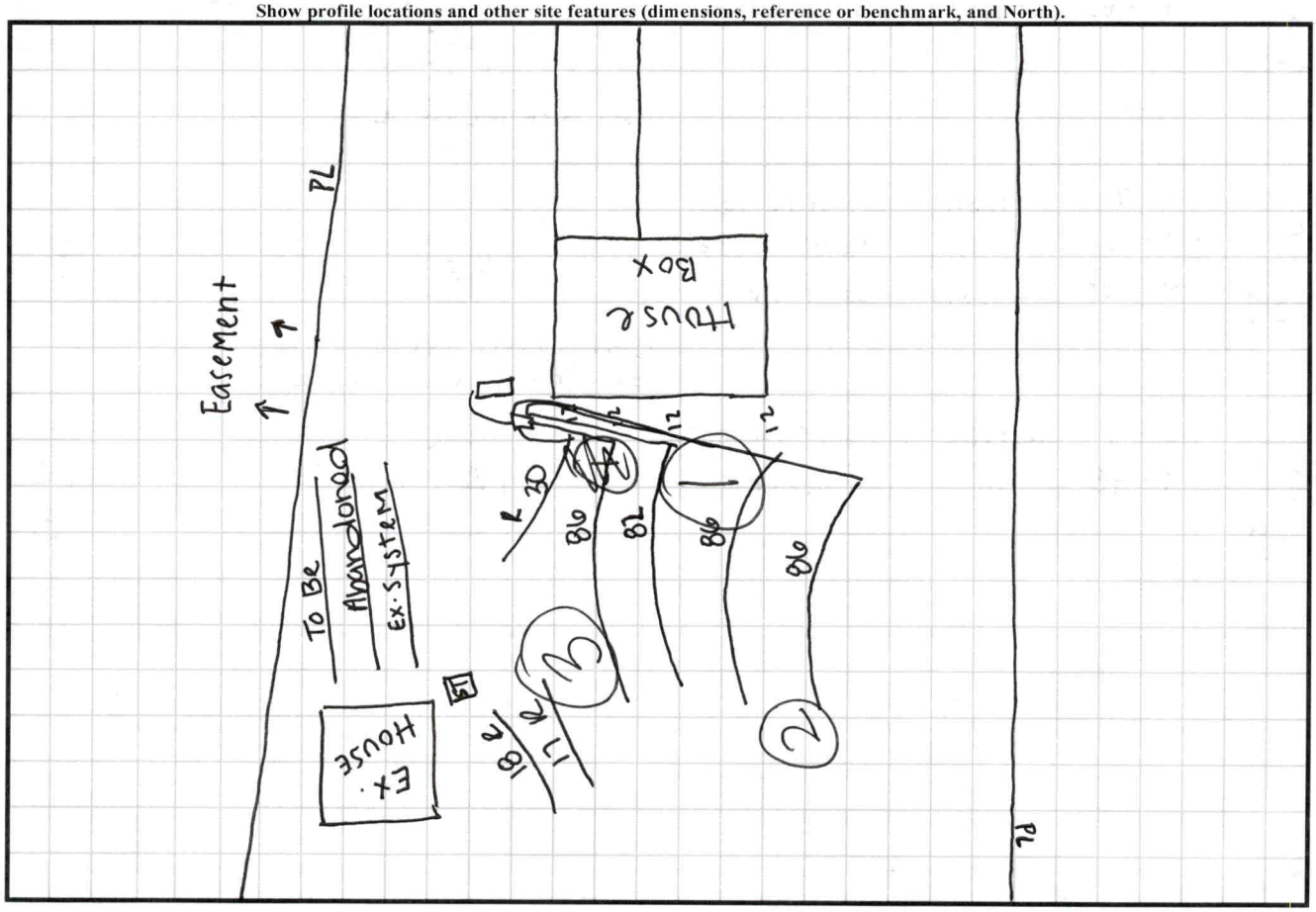
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-38842 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	10/12/2023
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:**	Holland, Sydney	**Approval Expire Date:**	

Description: Perk test for 3 bedroom 2 bath home new address will be 137 Happy Acres Dr 10/16 Sent email to address on file. HB not marked. Called Justin and left VM. GM 10/17 Benjamin Russell emailed video and pictures. Site ready GM

Parcel: 4705588830.000 Main	**Address:** 137 Happy Acres Dr Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Christopher DeShazer
1044 N. Anderson Road
Rock Hill, SC 29730

Property Owner
Amanda Rucks
Home: (248) 773-2066

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	28'x56'
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	double wide	Number of Occupants	3	Foundation Type	Crawl Space Foundation
Water Supply	Municipal Water	Desired Septic System Type	No Preference	Has this project been approved by TRC	No
Lot Acreage	0.46	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Zoning Notes/Addendums	HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before Certificate of Occupancy

can be approved.	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Christopher_DeShazer_10/12/2023.jpg	10/12/2023 10:05	DeShazer, Christopher		Uploaded via CSS
SKM_C30823101215120.pdf	10/12/2023 14:06	Williams, Deborah	Available Online	revised site plan
SKM_C30823101211511_v1.pdf	10/12/2023 15:15	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-152004	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/17/2023	10/17/2023 0:00	10/17/2023 0:00	10/17/2023 13:01	10/17/2023 13:01

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. 10/16 Sent email to address on file. Justin responded site ready. Site visit HB not marked. Called Justin left VM. Emailed also. Left rear corner by neighbors bldg. To the right of his building behind it. GM	Grace McLeod	10/16/2023 11:21
2. 10/17 Benjamin Russell emailed video and pictures site ready GM	Grace McLeod	10/17/2023 12:48
3. Emailed to schedule perc test 10/18/23	Sydney Holland	10/18/2023 7:02

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00022026	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00022026	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/12/2023 14:15	10/12/2023 14:15
Confirm application complete v.1	Generic Action		10/12/2023 14:15
Fees v.1		10/13/2023 8:20	10/16/2023 8:15
Fees Paid v.1	Generic Action		10/16/2023 8:15
Issue Invoice v.1	Generic Action		10/13/2023 8:20
Lot Readiness Verification v.1		10/17/2023 13:01	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/17/2023 13:01	10/17/2023 13:01
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		10/12/2023 14:16	10/16/2023 9:15
~~Floodplain Admin Overview v.1~~	Task		10/12/2023 14:16
Iredell County Zoning Approval v.1	Task	10/12/2023 14:16	10/16/2023 9:15
Issue Invoice v.1	Generic Action		10/13/2023 8:21
Fees Paid v.1	Generic Action		10/16/2023 8:15
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

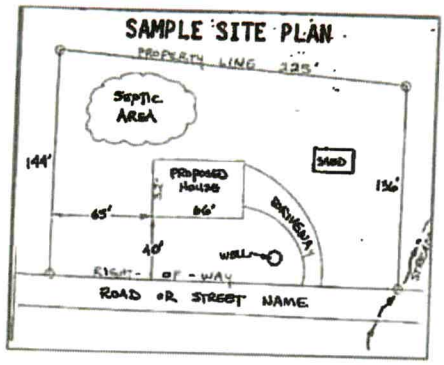
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location
- (✓) Preferred well location
- (✓) Preferred septic system location
- (✓) North arrow, or other sufficient indicator of direction

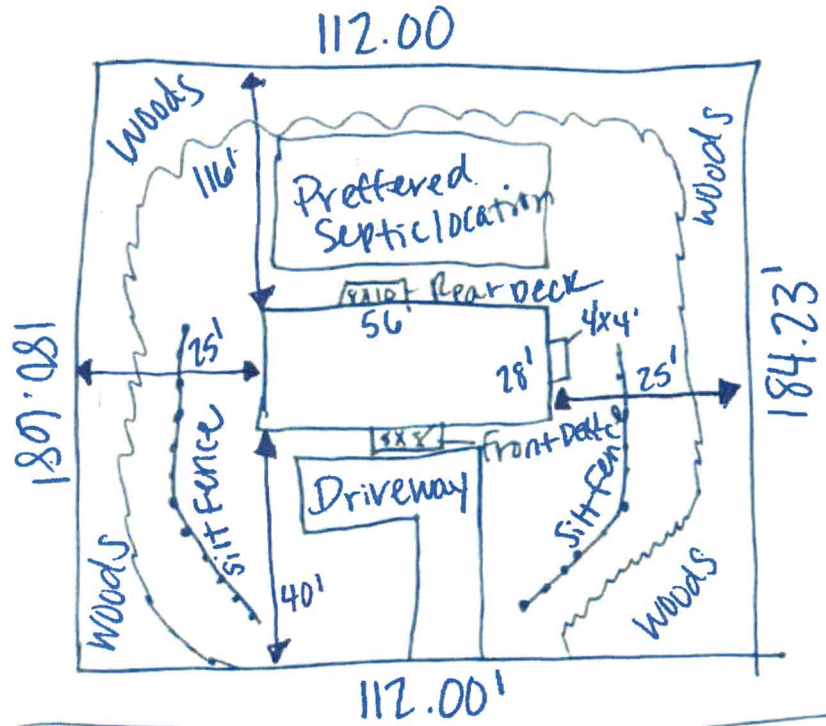


Circle N/A on the following if appropriate:

- Location of septic systems and wells within 100' of your property — N/A
- Location of easements and rights of ways on your property — N/A
- Location of any designated wetlands on the property — N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



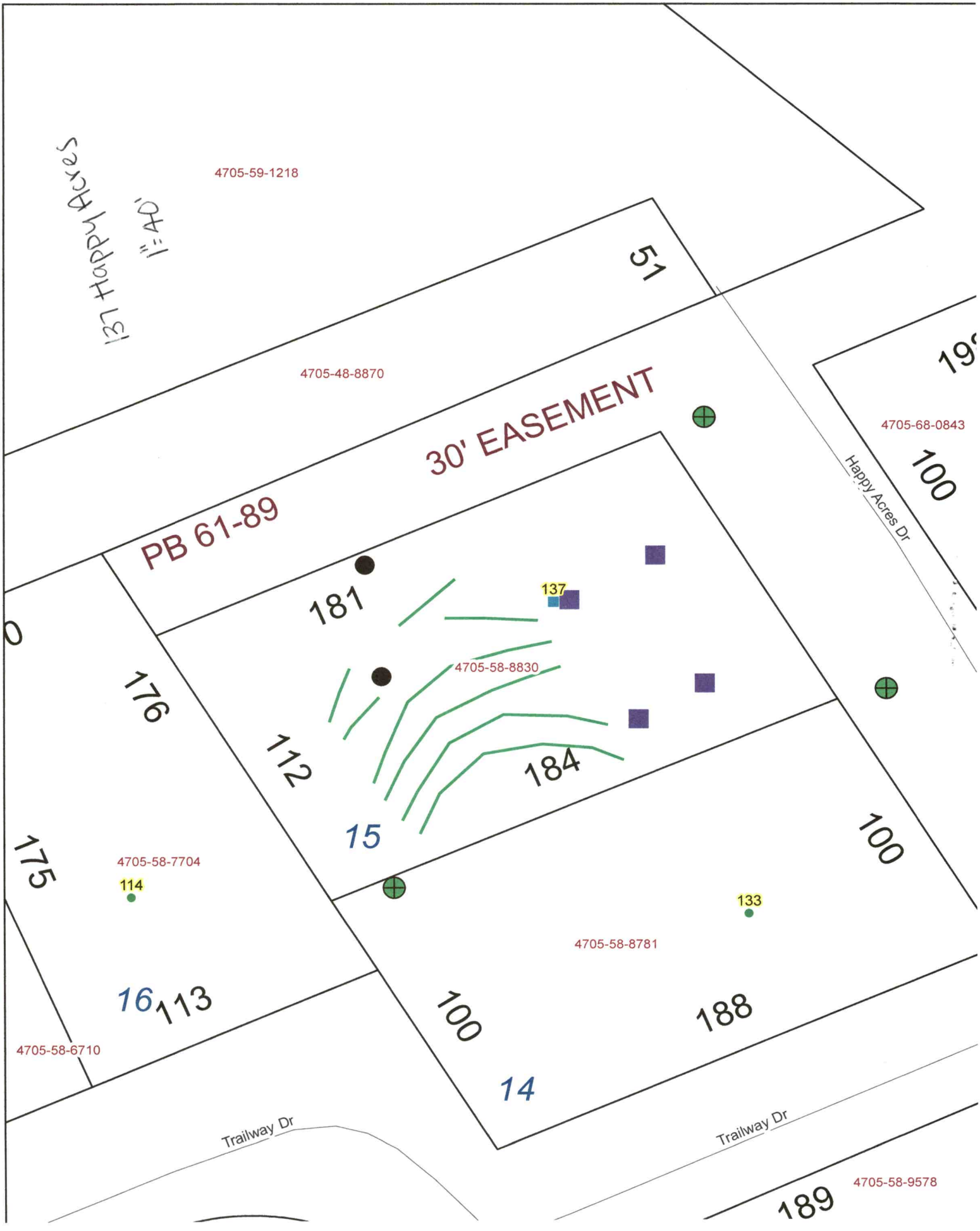
Happy Acres Drive

Signature: Sarah Smith

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

9/21/23

DATE


137 Happy Acres
1"=40'
4705-59-1218
51
4705-48-8870
30' EASEMENT
PB 61-89
181
137
4705-58-8830
176
112
184
15
175
4705-58-7704
114
133
4705-58-8781
100
16
113
188
100
14
4705-58-6710
Trailway Dr
Trailway Dr
189
4705-58-9578
Happy Acres Dr
4705-68-0843
100