ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-34580

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM Repair PIN # 4733 -- 42 -- 4428

APPLICANT/OWNER: Jeanie Lentz APPLICANT ADDRESS: 463 Lentz Rd, Statesville

SITE ADDRESS: 452 Wallace Springs Rd, Statesville 28677 PHONE: 980-829-3278 ALT. PHONE -

SITE DIRECTIONS: Wilson Lee - Wallace Springs SAP CONTROLLED: ☐ YES ☒ NO

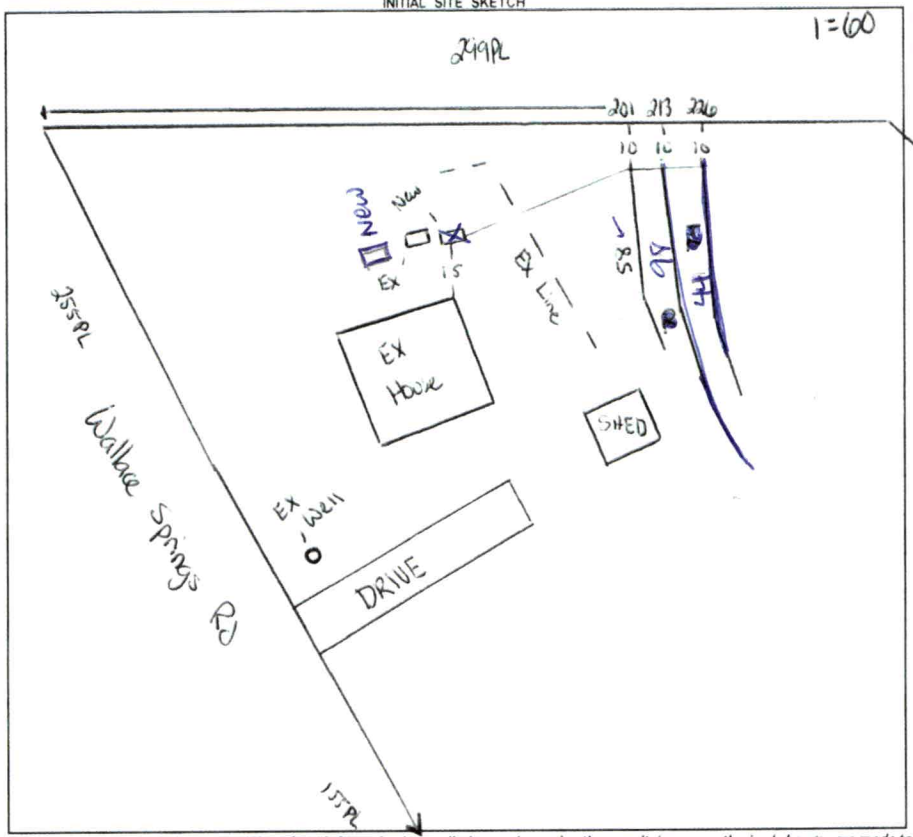
SUBDIVISION: - SECTION: - LOT # - LOT AREA: 2.21 acres DESIGN FLOW: 240 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 7160	Date 7/22/23	☐ New System ☒ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3	Water Supply
Pump Tank		(gal)	PT	Date	System Description: -		☐ Business	No. Persons 4	☒ Private
Pump Make		Model		Serial #	Repair System Description: 25% reduction		☐ Other	No. Employees	☐ Public
# Nitrification Fields	1	# Lines	3	Linear Ft 200'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	Crawl Space	☐ Community
Trench Width	36 in	Trench Bottom Depth(Low side)	31 in	Gravel Depth -	☒ GRAVITY	☐ PRESSURE	☒ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Pump, crush, & fill old tank. Install on contour with the land. Do not drive, park, or grade septic area.

GBO, BU, 75yr, LHD, I, G A

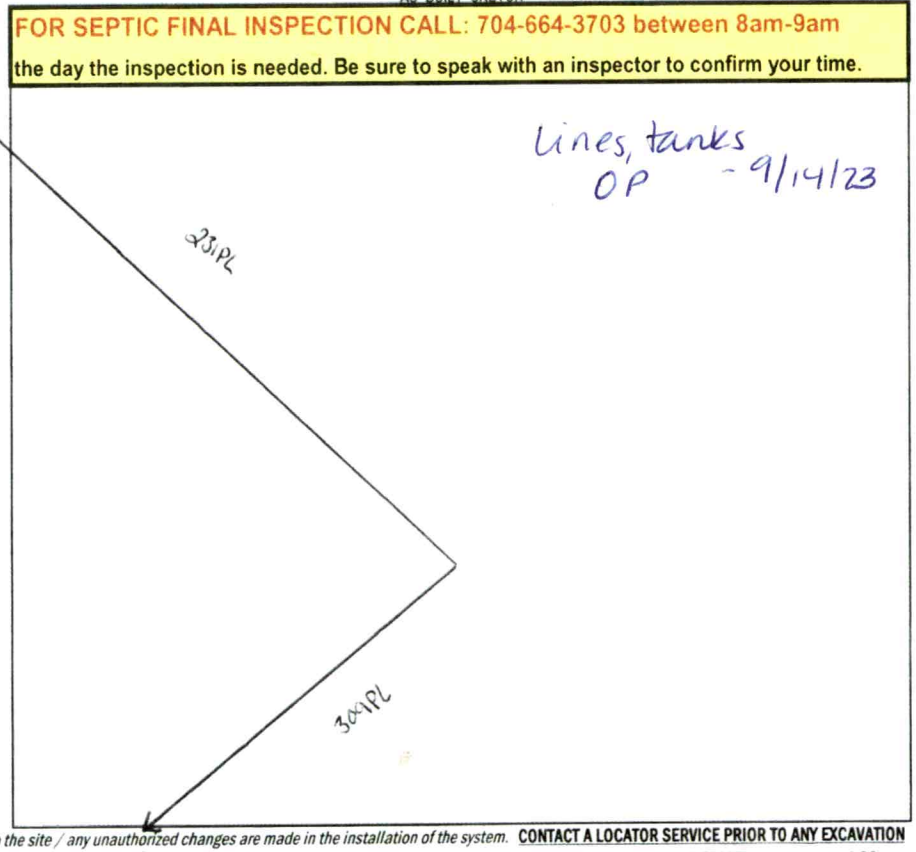
INITIAL SITE SKETCH



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.

Lines, tanks OP - 9/14/23



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 Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Tony Hilt Date: 8/25/23 OPERATION PERMIT by: D. meberg Date: 9/14/23

AUTHORIZATION TO CONSTRUCT by: Tony Hilt Date: 8/25/23 Existing System Inspected by: Date:

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

MW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-34388

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

PIN # 4733 -- 42 -- 4428

APPLICANT/OWNER: Jeanie Lentz APPLICANT ADDRESS: 463 Lentz Rd, Statesville

SITE ADDRESS: 452 Wallace Springs Rd, Statesville 28677 PHONE: 980-829-3278 ALT. PHONE -

SITE DIRECTIONS: Wilson Lee - Wallace Springs SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 2.21 acres DESIGN FLOW: 240 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB		Date						
Pump Tank		(gal)	PT		Date						
Pump Make			Model		Serial #						
# Nitrification Fields	1	# Lines	3	Linear Ft	200'						
Trench Width	36 in	Trench Bottom Depth(Low side)	31 in	Gravel Depth	-						

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

System Description: -

Repair System Description: 25% reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☐ Slab ☒ Basement w/plumbing

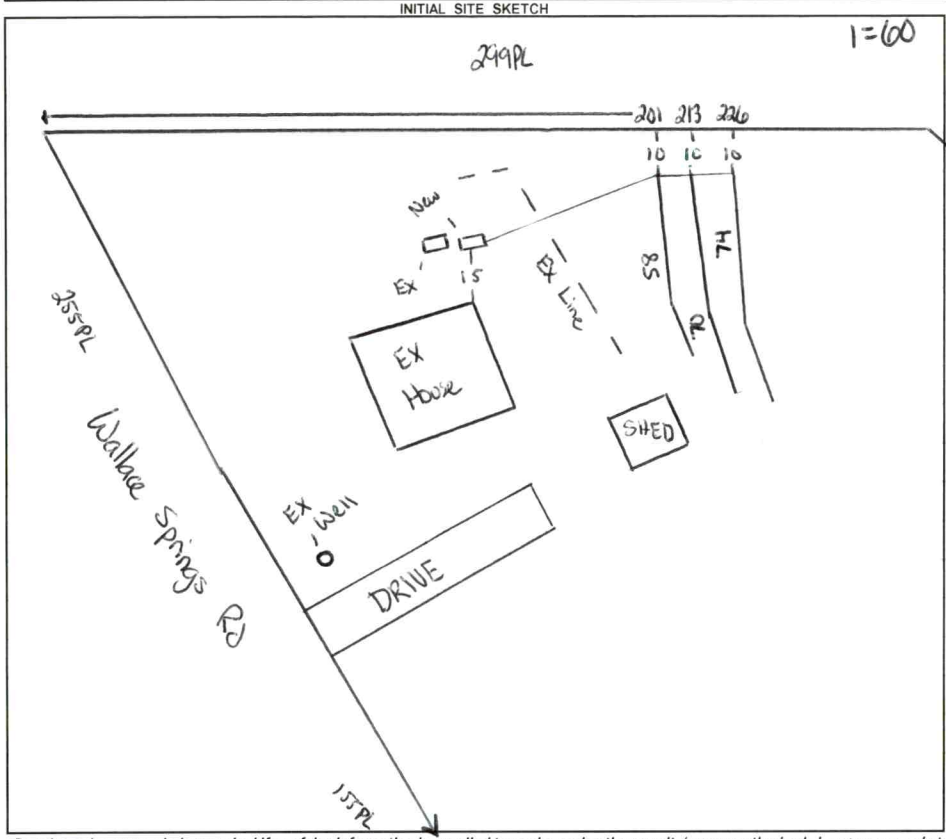
No. Bedrooms 3 No. Persons 4 No. Employees Crawl Space

Water Supply: ☒ Private ☐ Public ☐ Community

☐ Basement w/o plumbing

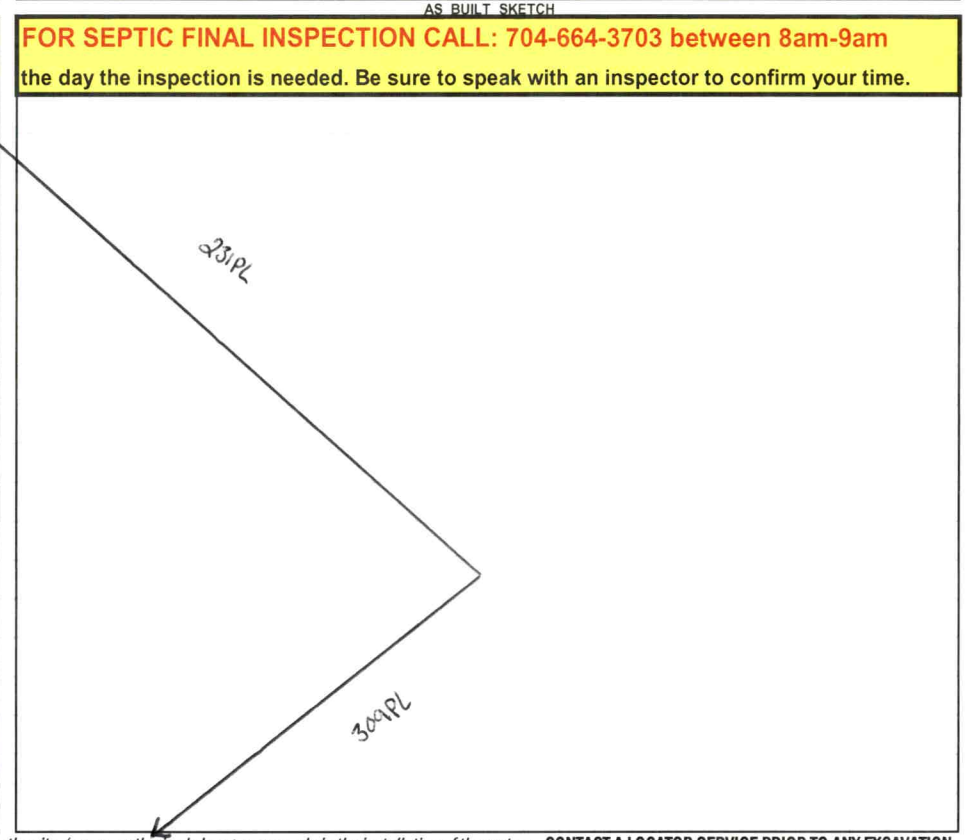
Comments / Conditions: Pump, crush, & fill old tank. Install on center with the land. Do not drive, park, or grade septic area.

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: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Cory Whit Date: 8/25/23 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Cory Whit Date: 8/25/23 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 1
PROPERTY ID #: 47734244128
COUNTY: Iredell

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

OWNER: Jeanie Lentz
APPLICATION DATE 8/18/23
ADDRESS: 4163 Lentz Rd
DATE EVALUATED: 8/22/23
PROPOSED FACILITY: 2 bd/r home
PROPOSED DESIGN FLOW (.1949): 240
PROPERTY SIZE: 2.21
LOCATION OF SITE: 452 Wallace Springs
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	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	Linear 12%	0 - 12	Fill		-	48	SAP	inc in	.3
		12 - 28	C SBK	SS SP FR SE			CL	layer	PS
		28 - 48	CL SBK	SS SP FR SE					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		PS
System Type(s)		25%
Site LTAR		.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Sarah Williams

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.

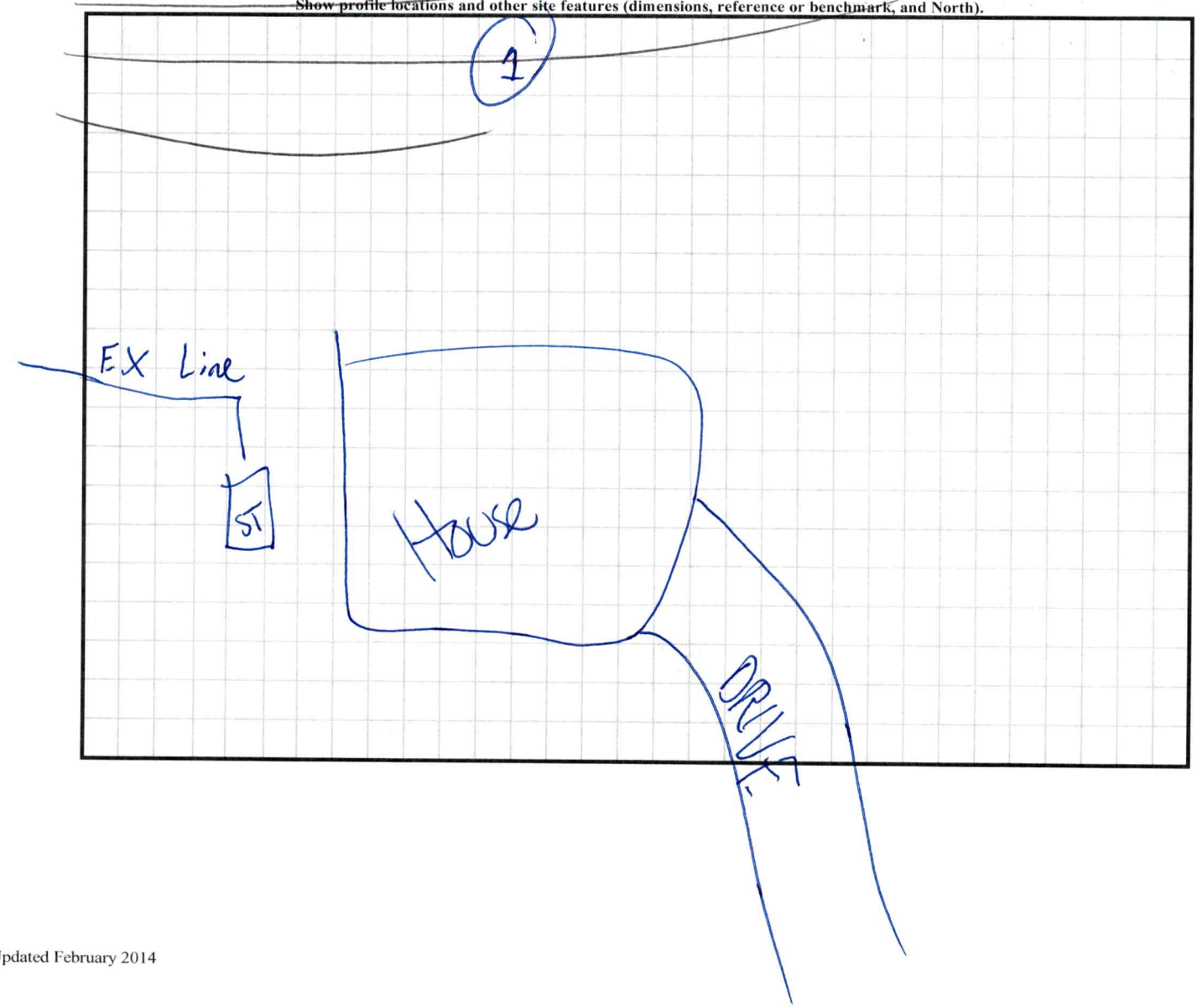
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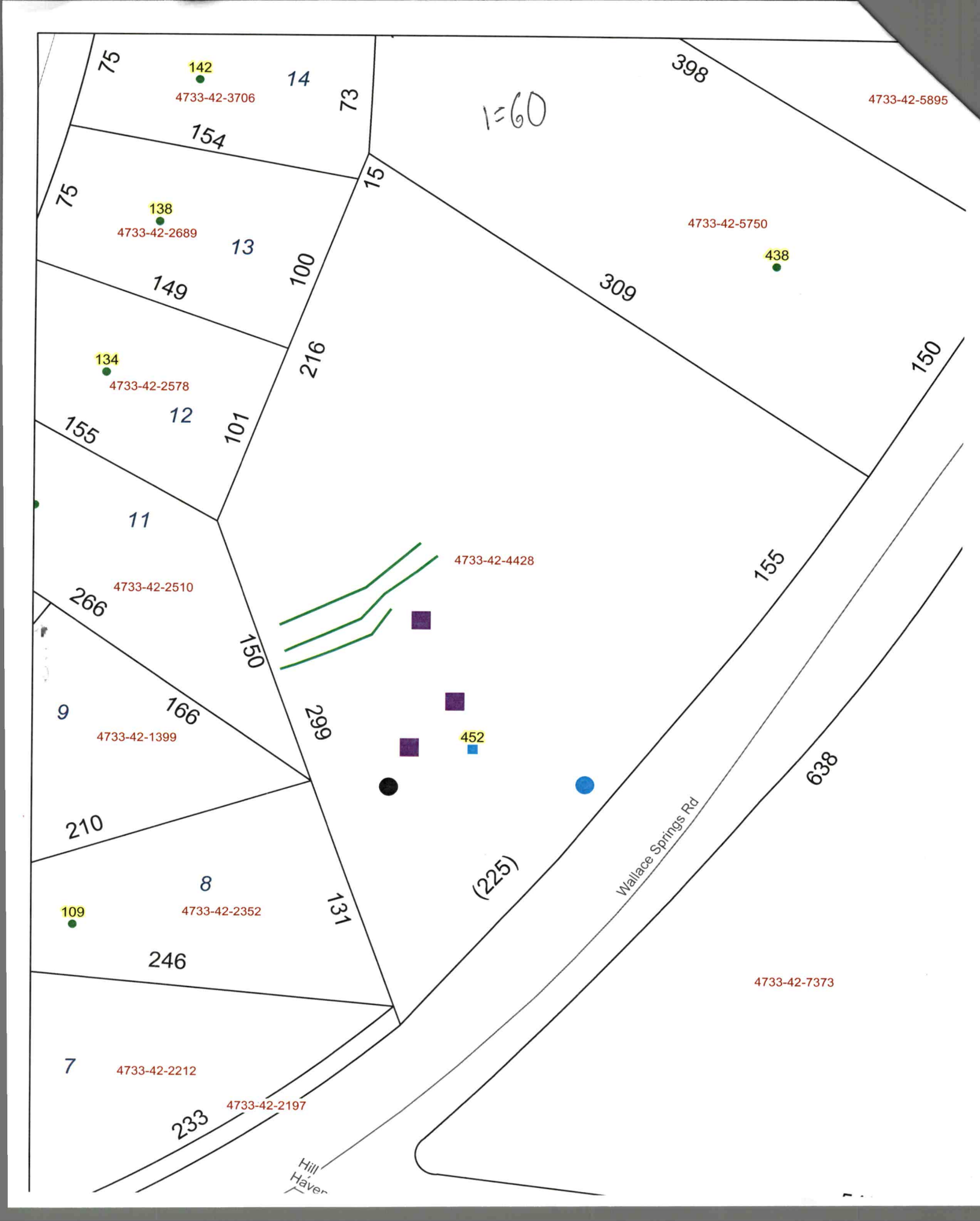
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).~~




1=60
142
4733-42-3706
14
75
73
154
398
4733-42-5895
138
4733-42-2689
13
75
15
4733-42-5750
438
149
100
309
134
4733-42-2578
12
216
150
155
101
11
4733-42-4428
155
4733-42-2510
266
150
9
166
4733-42-1399
299
452
210
638
8
(225)
Wallace Springs Rd
109
4733-42-2352
131
246
4733-42-7373
7
4733-42-2212
4733-42-2197
233
Hill
Haver