CW BLDR-2023-32400

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-20542

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

PIN # 4723 -- 26 -- 5827

APPLICANT/OWNER: Robert J. Barton APPLICANT ADDRESS: 188 Sugarmore Rd, Mooresville, NC 28117

SITE ADDRESS: 214 Sandtrap Dr, Statesville, NC 28677 PHONE: (704) 453-1230 ALT. PHONE -

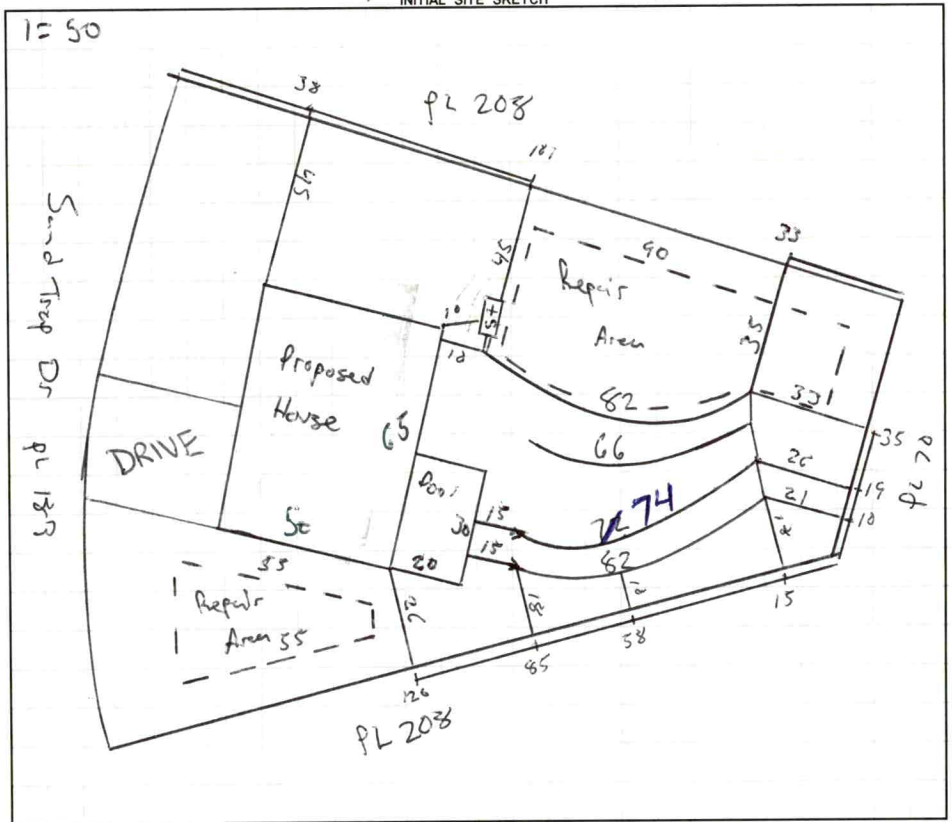
SITE DIRECTIONS: Buffalo Shoals Rd, ① Old Airport, ② Sandtrap SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Brittian Hills SECTION: SHT2 LOT # 25 LOT AREA: .6 AC DESIGN FLOW: 360 L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	10/4/23	☑ 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:	25% Reduction - Serial			☐ Business	No. Persons 6	☐ Private
Pump Make		Model		Serial #		Repair System Description:	50% Reduction - PM			☐ Other	No. Employees	☑ Public
# Nitrification Fields	1	# Lines	4	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space	☐ Community
Trench Width	36in	Trench Bottom Depth (lowside)	36in max	Gravel Depth	N/A		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

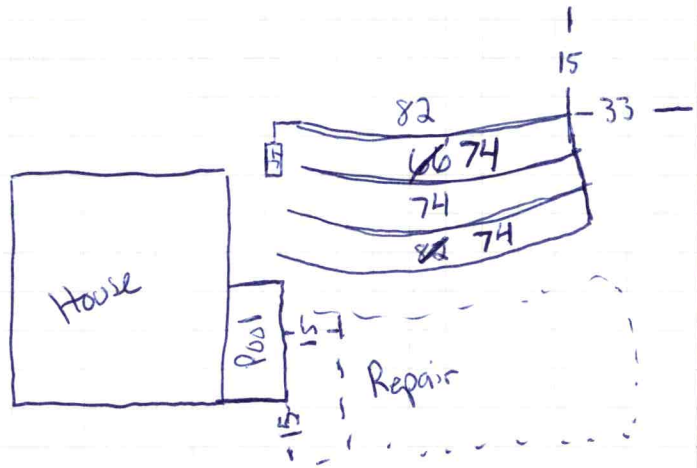
Comments / Conditions: Install on contour with 9ft on center. Trench bottom needs to be 36in on high side to ensure full. Tank may need to be at grade

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.



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: Jake Williams

IMPROVEMENT PERMIT by: Matt Wilkie Date: 6/24/23 OPERATION PERMIT by: Cory Whit Date: 12/15/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 7/19/23 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? _____	

Sheet 1 of 1
PROPERTY ID #: 4723265827
COUNTY: Iredell

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

OWNER: Robert Burton — APPLICATION DATE: 3/29/23
ADDRESS: 1844 Sugemore Rd — DATE EVALUATED: 5/17/23
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): _____ — PROPERTY SIZE: .6 Ac
LOCATION OF SITE: 214 Sandyford — 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	LS 3%	0-16	SCL/Gr	SS sp fr SE	-	48	-	-	PS .3
		16-32	C/SBK	SS sp fr SE					
		32-48	CL/SBK	SS sp fr SE					
2	LS 4%	0-10	SCL/SBK	↓	-	48	-	-	PS .3
		10-22	C/SBK						
		22-48	CL/SBK						
3	LS 3%	0-8	SCL/SBK	↓	-	48	Sap inclusions ext 30	-	PS .3
		8-24	C/SBK						
		24-48	CL/SBK						
4	LS 5%	0-8	SCL/SBK	↓	-	48	Sap inclusions ext 32	-	PS .3
		8-30	C/SBK						
		30-48	CL/SBK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	820	320
System Type(s)	25%	60%
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W
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.

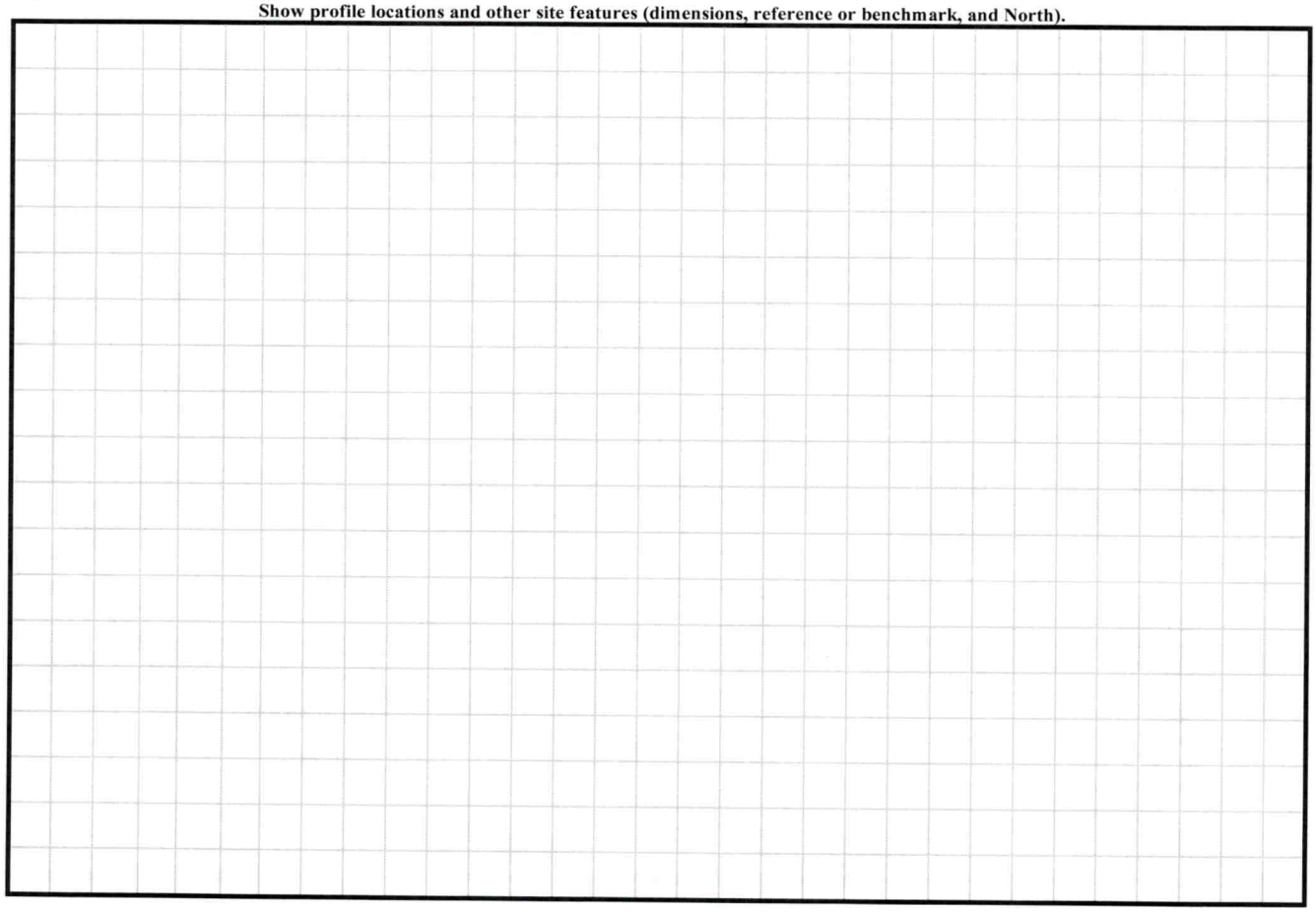
NOTES

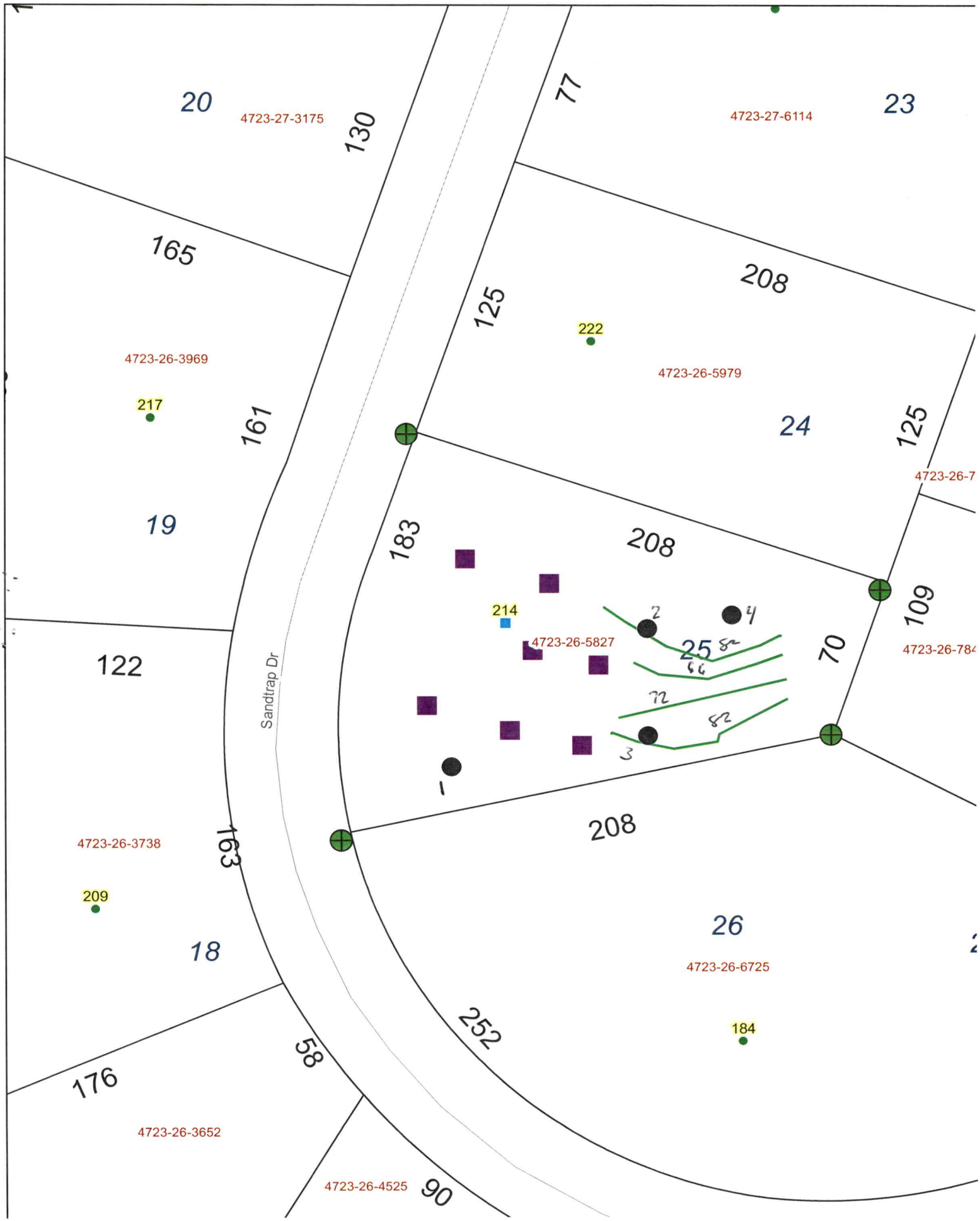
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

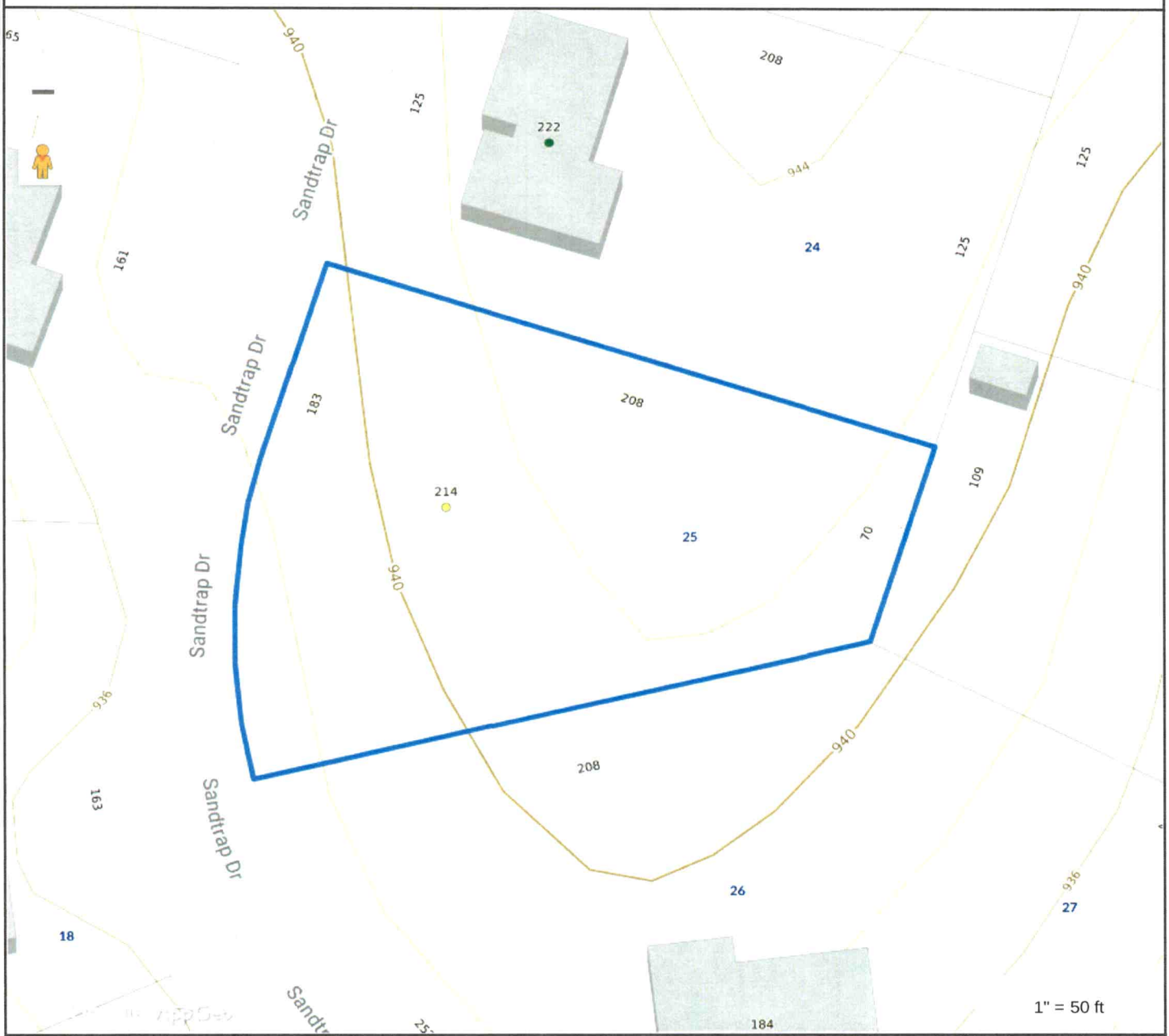
Evaluation of saprolite shall be by pits.

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

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




20
4723-27-3175
130
77
4723-27-6114
23
165
208
125
222
4723-26-5979
4723-26-3969
217
161
24
125
4723-26-7
19
183
208
214
4723-26-5827
25
109
122
Sandtrap Dr
70
4723-26-784
208
4723-26-3738
163
209
26
18
4723-26-6725
252
184
58
176
4723-26-3652
4723-26-4525
90



Tax Map Information

• PIN	4723265827.000
• Address	214 SANDTRAP DR
• Account #	Acct 80055281
• Tax Owner	SOUZA LORNA C
• Mailing Address	16498 SW TWO WOOD WAY
•	INDIANTOWN, FL 34956
• GIS Owner	SOUZA LORNA C
• Deed Info	823 / 497 - DD - 20070809
• Tax Acres	0.6 AC
• Lot #	25
• Description	BRITTIAN HILLS SHT2 PB19-97-97A
• Zoning	R-20
• Old Parcel #	0206D01000A025
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$22,000
• Total Value	$22,000
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY, NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 05/10/2023
Data updated 05/10/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

PERMIT SNAPSHOT REPORT OSWP-2023-20542 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	03/29/2023
Work Class:	EH Septic Permit	**District:**	Statesville	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	03/31/2023
Valuation:	$0.00	**Assigned To:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: Need perk test **Surveyed site plan required**

Parcel:	**Address:**	**Zone:**
4723265827.000 Main	214 Sandtrap Dr Main Statesville, NC 28677	R-20(Suburban Residential District)

Property Owner
LORNA C SOUZA
16498 SW TWO WOOD WAY
INDIANTOWN, FL 34956

Applicant/Authorized Agent
Robert J Barton
188 Sagemore Rd 188
SAGEMORE RD
Mooresville, NC 28117-8455
Business: (704) 453-1230

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	65' x 50'	What are the proposed structures	New Single Family Residence, Swimming Pool
Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	6	Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential
Number of Employees	0	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct
Has this project been approved by TRC	No	Lot Acreage	0.6	Front Setback	35
Back Setback	35	Left Setback	12	Right Setback	12
Zoning Permit Issued Date	Apr 25 2023 12:00AM	Zoning Permit Expiration Date	Oct 22 2023 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	Zoning Notes/Addendums	Septic Permit Only; Will need to apply for a building permit for New Single Family Dwelling Septic permit contingent upon Iredell Environmental Health approval
Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Robert_Barton_3/29/2023.jpg	03/29/2023 16:47	Barton, Robert		Uploaded via CSS
Sandtrap Authorization Owner_v1.pdf	03/30/2023 15:01	Nebel, Barbara	Available Online	Authorize to Act as Agent
Sandtrap Site Plan_v1.pdf	04/26/2023 9:06	Hart, Ronda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-90010	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/09/2023	05/09/2023 0:00	05/09/2023 0:00	05/09/2023 7:04	05/09/2023 7:04

PERMIT SNAPSHOT REPORT (OSWP-2023-20542)

Inspectors: Holland, Sydney (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. Will call back once pool is marked out in the field	Sydney Holland	04/27/2023 7:30

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00012756	Statesville Zoning Fee		$35.00	$35.00
		Total for Invoice INV-00012756	$35.00	$35.00
INV-00012939	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00012939	$500.00	$500.00
		Grand Total for Permit	**$535.00**	**$535.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/30/2023 15:01	03/30/2023 15:01
Confirm application complete v.1	Generic Action		03/30/2023 15:01
Zoning Review v.1		03/30/2023 15:01	04/25/2023 13:36
~~Floodplain Admin Overview v.1~~	Task		04/25/2023 13:35
Statesville Zoning Approval v.1	Task	03/30/2023 15:01	04/25/2023 13:36
Issue Invoice v.1	Generic Action		04/25/2023 13:36
Fees Paid v.1	Generic Action		04/25/2023 13:36
Fees v.1		04/26/2023 9:08	04/26/2023 9:33
Issue Invoice v.1	Generic Action		04/26/2023 9:08
Fees Paid v.1	Generic Action		04/26/2023 9:33
Lot Readiness Verification v.1		05/09/2023 7:04	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/09/2023 7:04	05/09/2023 7:04
OSWP Site Evaluation v.1	Inspection		
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		

Notes:
1. Iron pins at all lot corners unless otherwise noted.
2. This property lies within the Iredell County Jurisdiction
3. Property may be subject to recorded or unrecorded rights-of-way or easements not observed.
4. No USGS monument found within 2000'.
5. This property does not lie within a special flood hazard area per FEMA Flood Insurance Rate Map #3710472300J, dated 3/18/2008.

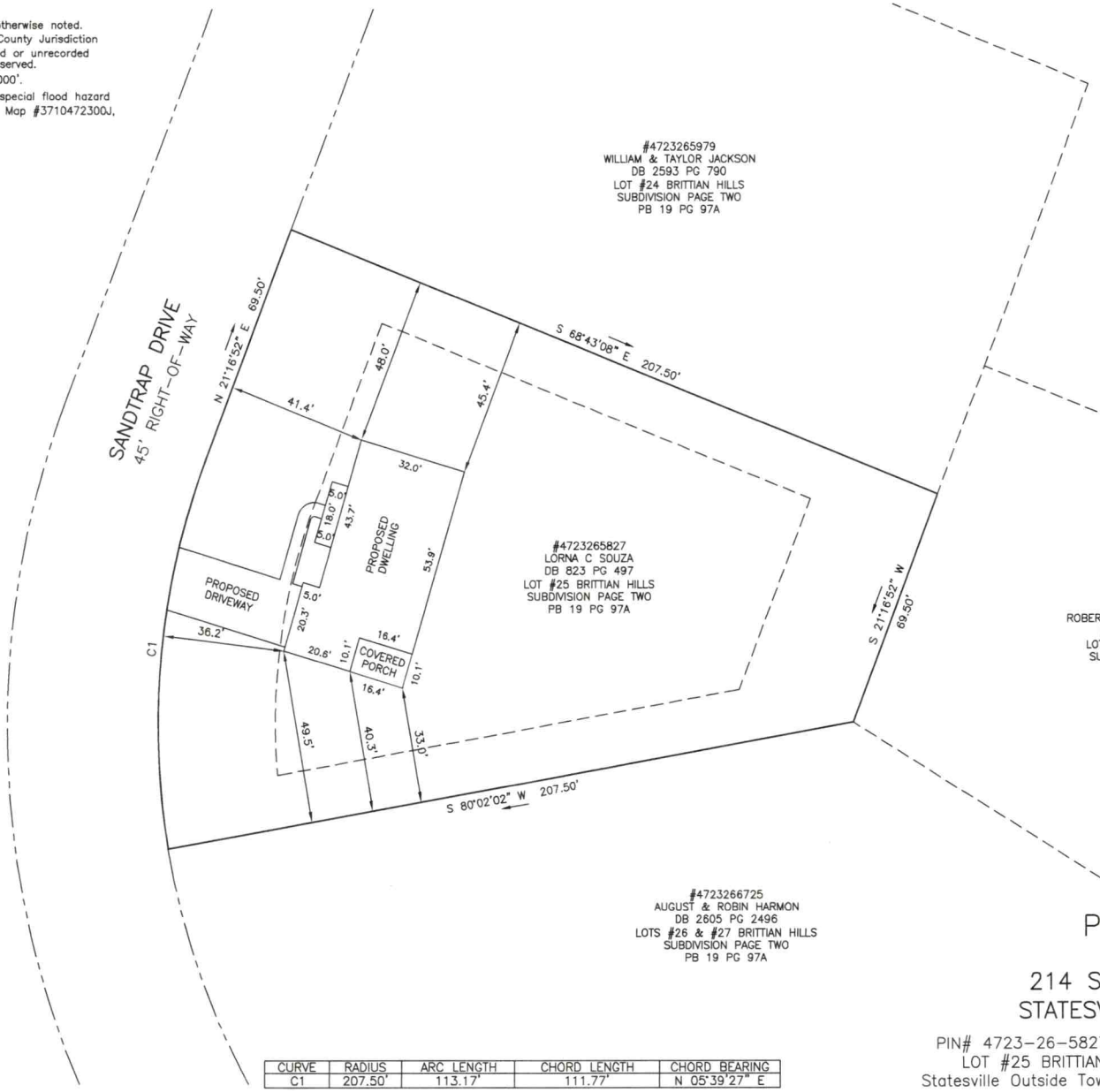
OWNER

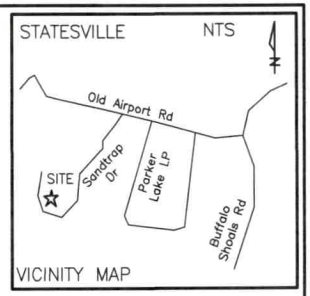
Lorna C. Souza
16498 SW Two Wood Way
Indiantown, FL 34956

ZONING

ZONED: R-20 (STATESVILLE)
35' FRONT SETBACK
35' REARYARD
15' SIDEYARD







0 30 60
SCALE 1"= 30'
4/18/2023

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	207.50'	113.17'	111.77'	N 05°39'27" E

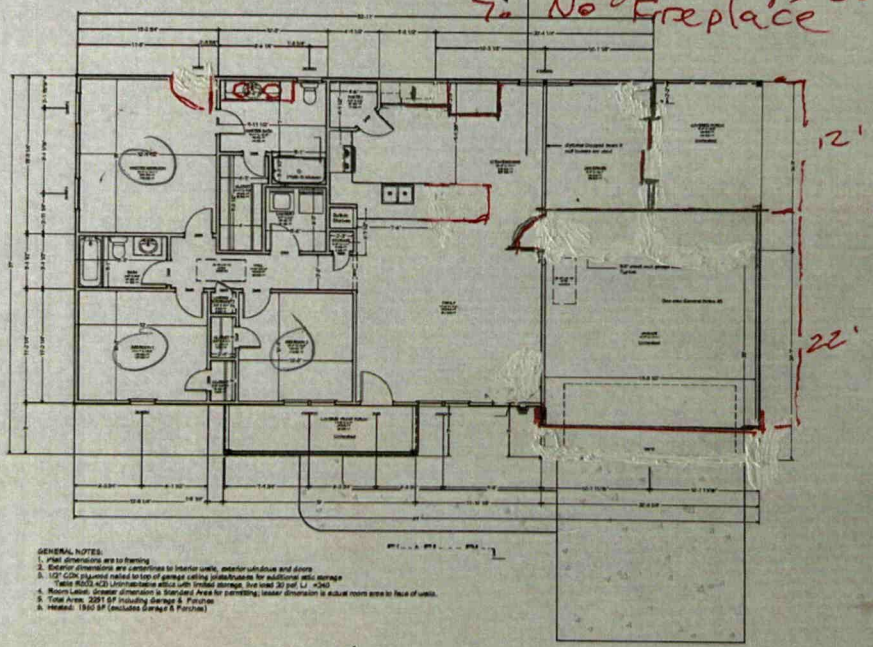
SPARKS SURVEYING PA
4495 NEEDMORE RD.
WOODLEAF, N.C. 27054
PHONE(704) 577-8429
C-4914

PLOT PLAN
for
214 SANDTRAP DRIVE
STATESVILLE NC, 28677

PIN# 4723-26-5827 DB 823 PG 497 PB 19 PG 97A
LOT #25 BRITTIAN HILLS SUBDIVISION, PAGE TWO
Statesville Outside Township, Iredell County, Statesville, N.C.

Exterior door in master bedroom
Double sinks in Master bathroom
Extend Kitchen counters 3'

4. 6' sliding glass doors in dining room
5 Garage 22' deep / Dining 12' deep
6 Garage bumps out 2'
7. No Fireplace



GENERAL NOTES:
1. Wall dimensions are to framing
2. Exterior dimensions are centerlines to interior walls, exterior windows and doors
3. 1/2" CDX plywood nailed to top of garage ceiling joists/trusses for additional attic storage
Table R503.4(2) Uninhabitable attics with limited storage, live load 20 psf LL =240
4. Room Labels: Greater dimension is Standard Area for permitting; lesser dimension is actual room size in face of walls.
5. Total Area: 2291 SF including Garage & Porches
6. Heated: 1990 SF (excludes Garage & Porches)

BARTON BUILDING LLC

PROJECT INFORMATION

DRAWINGS PREPARED BY:

SHEET TITLE:
FIRST FLOOR PLAN

DATE:
3/26/2023

SCALE:
AS NOTED

SHEET:
A-1.0

Acknowledgement Of
Plans Submittal ONLY!

Matt Wi Date 7/14/23

_____ Date _____

Scanned with CamScanner