BB BLDR-2023-35798

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # Relay 2023-37608

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

PIN # 4741 -- 82 -- 2946

APPLICANT/OWNER: Freedom Homes APPLICANT ADDRESS: 124 Charlotte Hwy, Troutman, NC 28166

SITE ADDRESS: 779 Perry Rd, Troutman, NC 28166 PHONE: (704) 528-7960 ALT. PHONE: -

SITE DIRECTIONS: Amity Hill, Murdock, Hoover, Perry SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Douglas + Deborah L Caviness SECTION: - LOT # 1 LOT AREA: 1.429 Ac DESIGN FLOW: 480 L.T.A.R.: .275

Septic Tank	1000 (gal)	STB	760	Date	9/22/23
Pump Tank	(gal)	PT		Date	
Pump Make		Model		Serial #	
# Nitrification Fields	1	# Lines	6	Linear Ft	300
Trench Width	36 in	Trench Bottom Depth(Low side)	30 in	Gravel Depth	N/A

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

System Description: 50% Reduction - Horizontal

Repair System Description: 50% Reduction - PM

Maintenance Agreement Required: ☐ YES ☑ NO

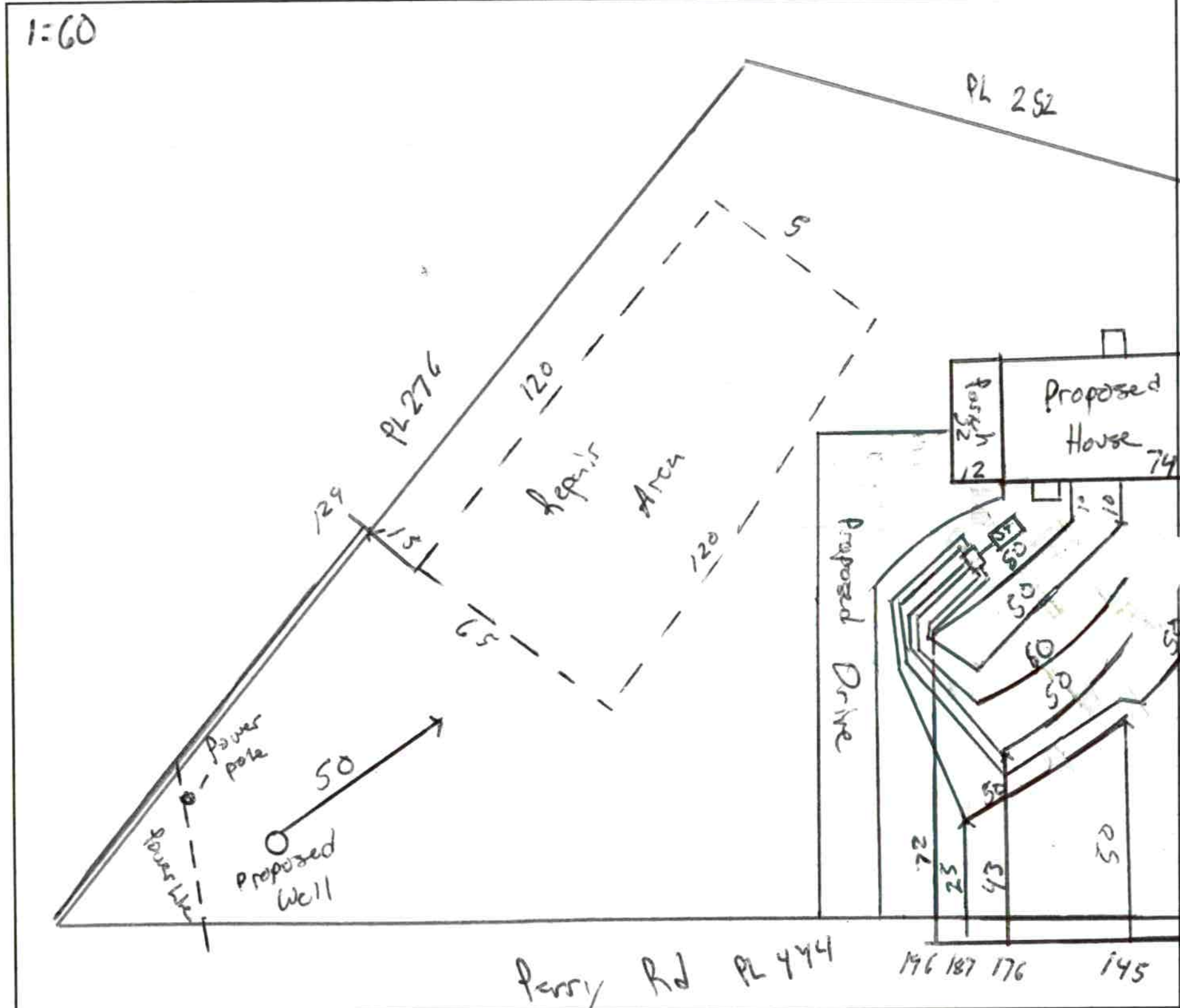
☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 4
☐ Business No. Persons 8
☐ Other No. Employees
☐ Slab ☑ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

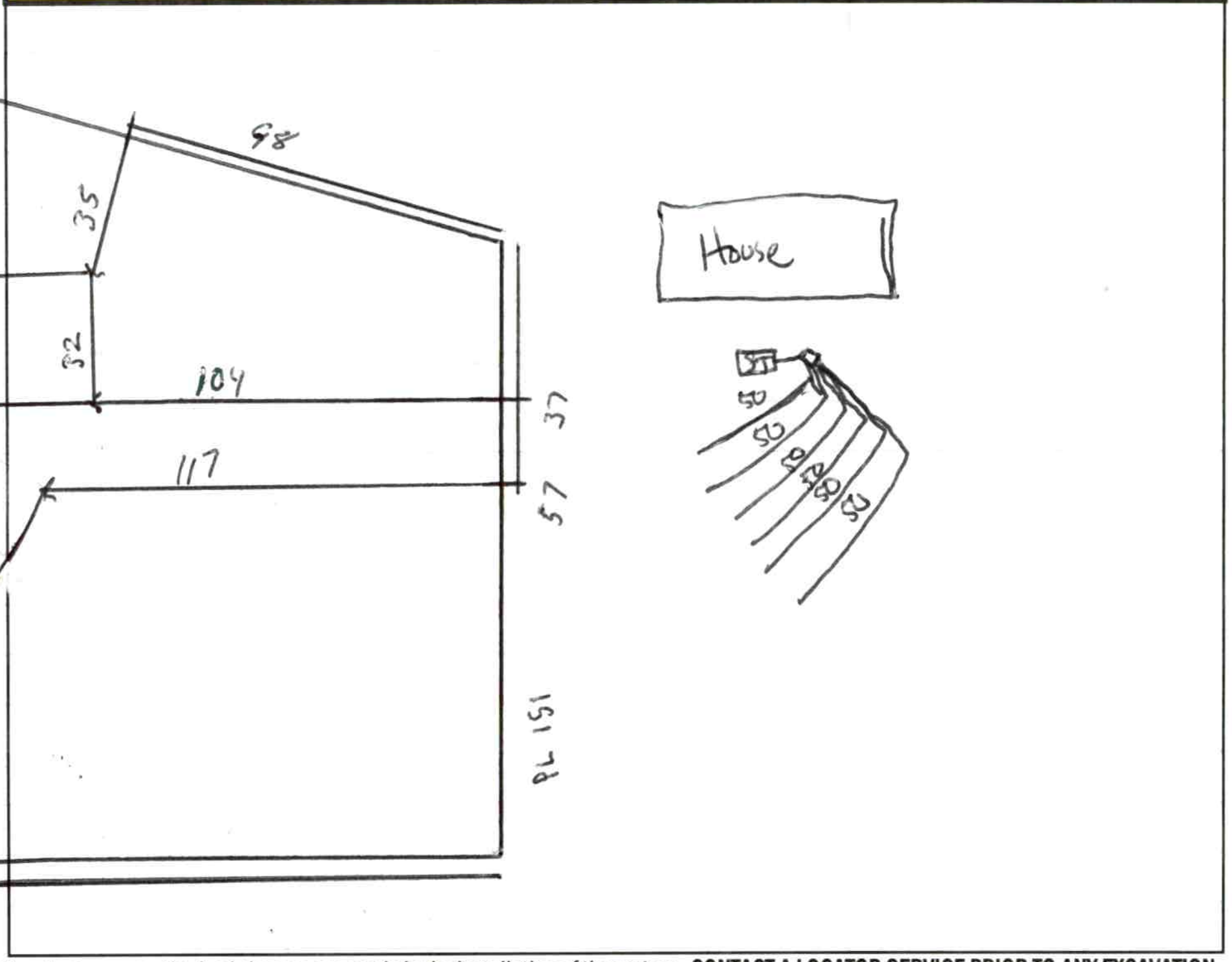
Comments / Conditions: Install on contour with 4ft centers. Stay 5ft off the deck and porch. Stay 10ft off house. Lines must be within 10% of each other.

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: Frye Grading

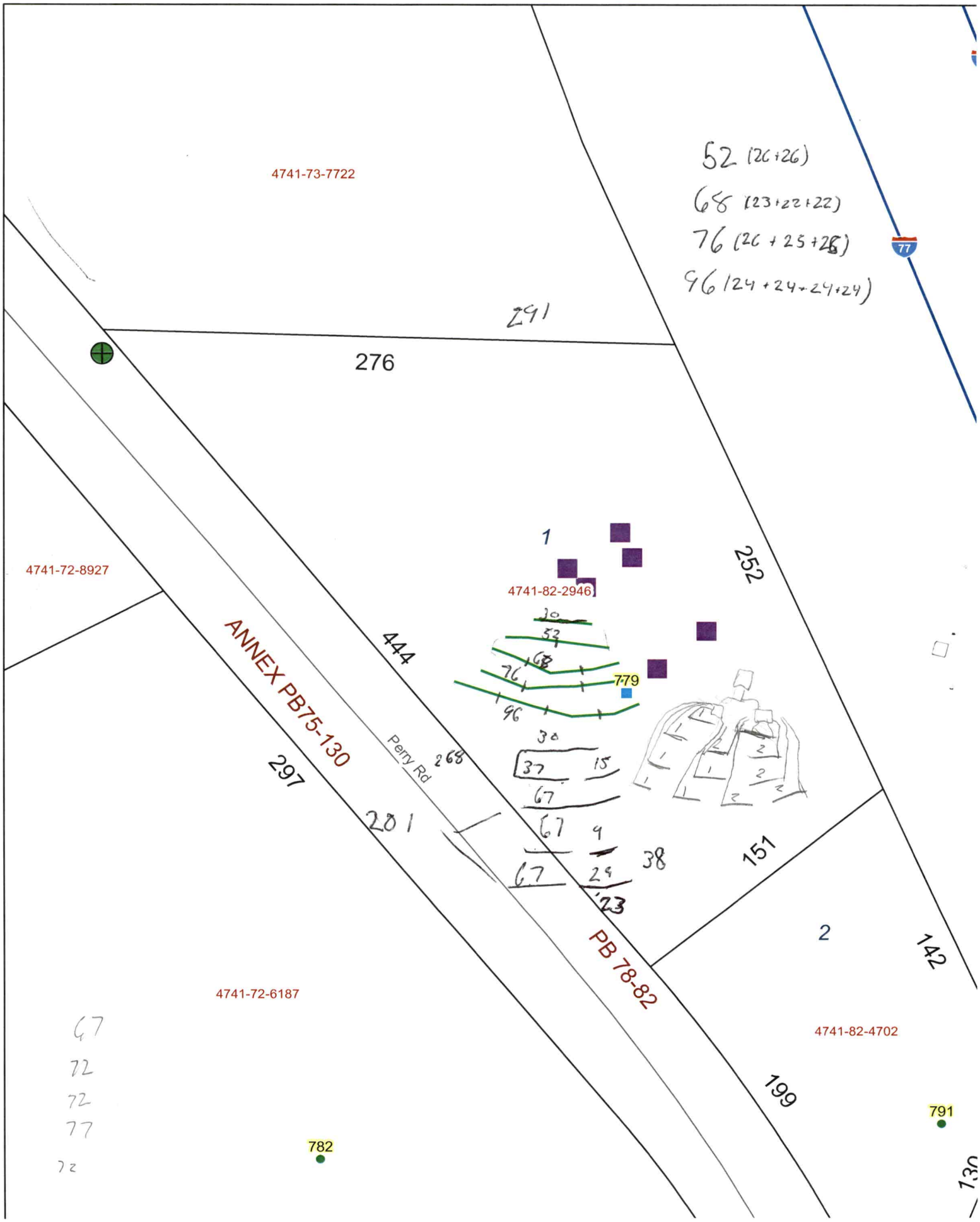
IMPROVEMENT PERMIT by: Matt Wilk Date: 10/13/23 OPERATION PERMIT by: [signature] Date: 11/13/23

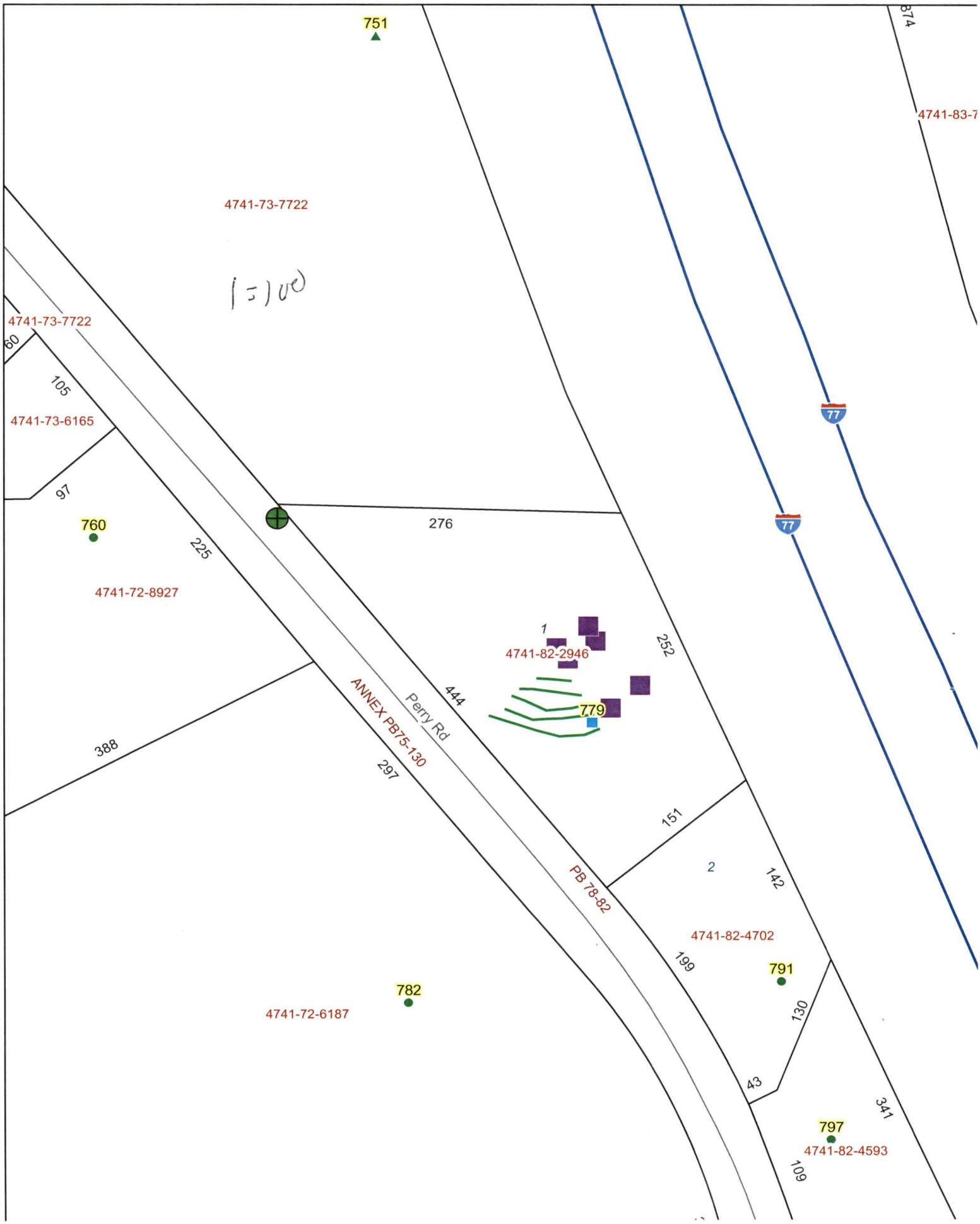
AUTHORIZATION TO CONSTRUCT by: Matt Wilk Date: 10/13/23 Existing System Inspected by: Date:

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

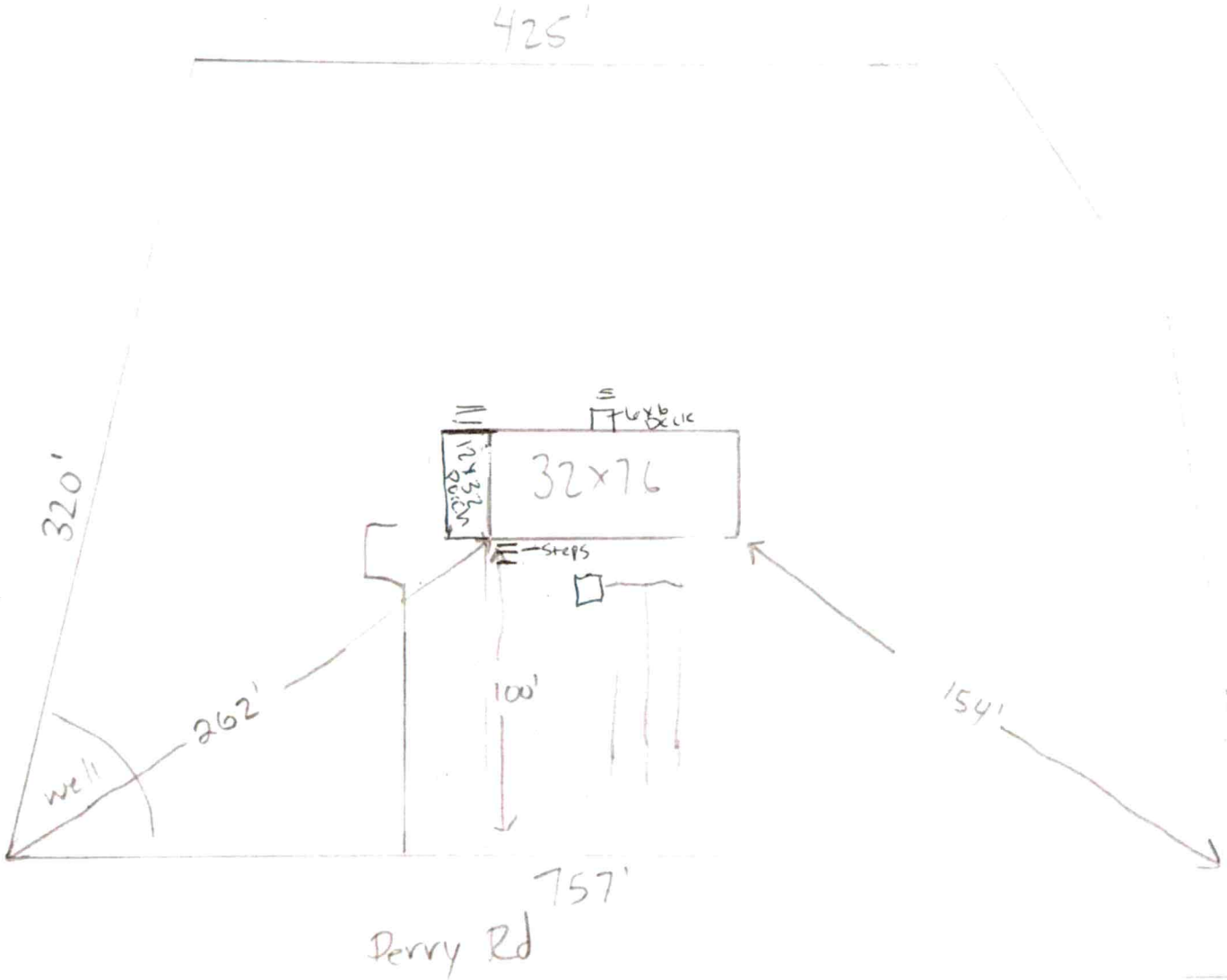
Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

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? _____	


4741-73-7722
52 (26+26)
68 (23+22+22)
76 (26+25+25)
96 (24+24+24+24)
77
291
276
4741-72-8927
1
4741-82-2946
252
444
ANNEX PB75-130
779
Perry Rd
268
297
201
38
151
2
142
PB 78-82
4741-72-6187
4741-82-4702
199
791
782
130


751
874
4741-83-7
4741-73-7722
1=100
4741-73-7722
60
105
4741-73-6165
97
760
276
225
4741-72-8927
77
77
1
4741-82-2946
252
444
779
Perry Rd
ANNEX PB75-130
388
297
151
2
142
PB 78-82
4741-82-4702
199
791
130
782
4741-72-6187
43
341
797
4741-82-4593
109

Canines



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

Sheet 1 of 1
PROPERTY ID #: 1741843910
COUNTY: Iredell

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

OWNER: Dillon Caviness
ADDRESS: 141 Jacobs Woods Cir Troutman 28166
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 791 Perry Rd Troutman 28166
APPLICATION DATE: 10/15/22
DATE EVALUATED: 11/23/22
PROPERTY SIZE: 2AC
PROPERTY RECORDED: 8/15/22

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) 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 5%	0-10	SCL/SBK	SS SP FR SE	–	53	Sap inclusion in CL	–	PS .275
		10-40	C/WSBK	↓					
		40-53	CL/SBK	↓					
2	LS 4%	0-16	SCL/SBK	SS SP FR SE	2.5YR 6/2 at 23in	57	–	–	PS .15
		16-30	C/ABK	↓					
		30-57	CL/ABK	↓					
3	LS 5%	0-10	SCL/SBK	SS SP FR SE	YB at 20-26	48	Little 45-48		PS .25
		10-26	C/ABK	↓					
		26-48	CL/ABK	↓					
4	LS 5%	0-10	SCL/SBK	SS SP FR SE	–	52	–	–	PS .3
		10-36	C/SBK	" " " "					
		36-52	CL/SBK	" " " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480	480
System Type(s)	50%	50% AM
Site LTAR	.275	.3

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

COMMENTS:

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.

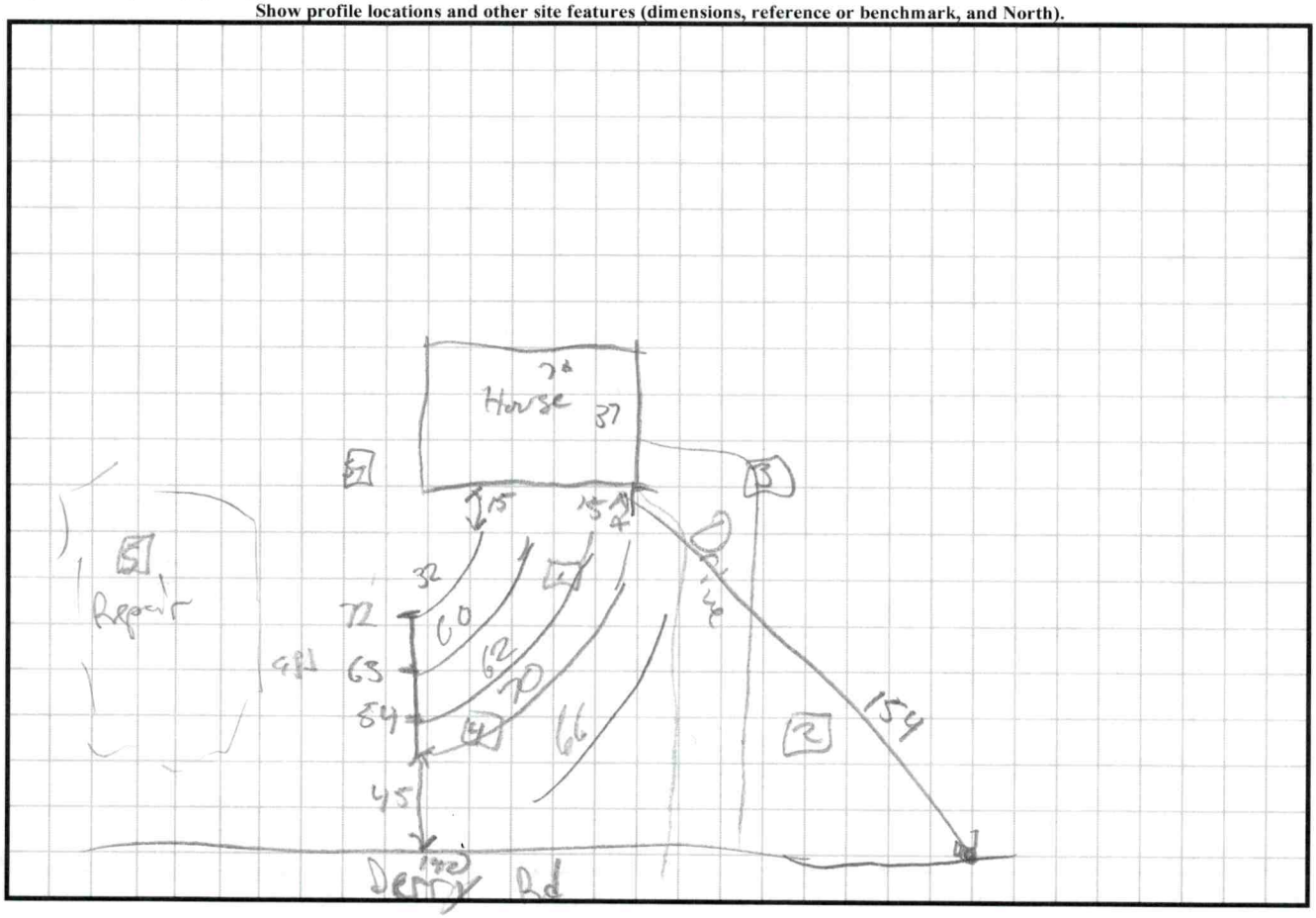
NOTES

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).



5 | 0-12 ABK SS sp fr SE
12-36 ABK
36-54 SBK

54 — PS .3

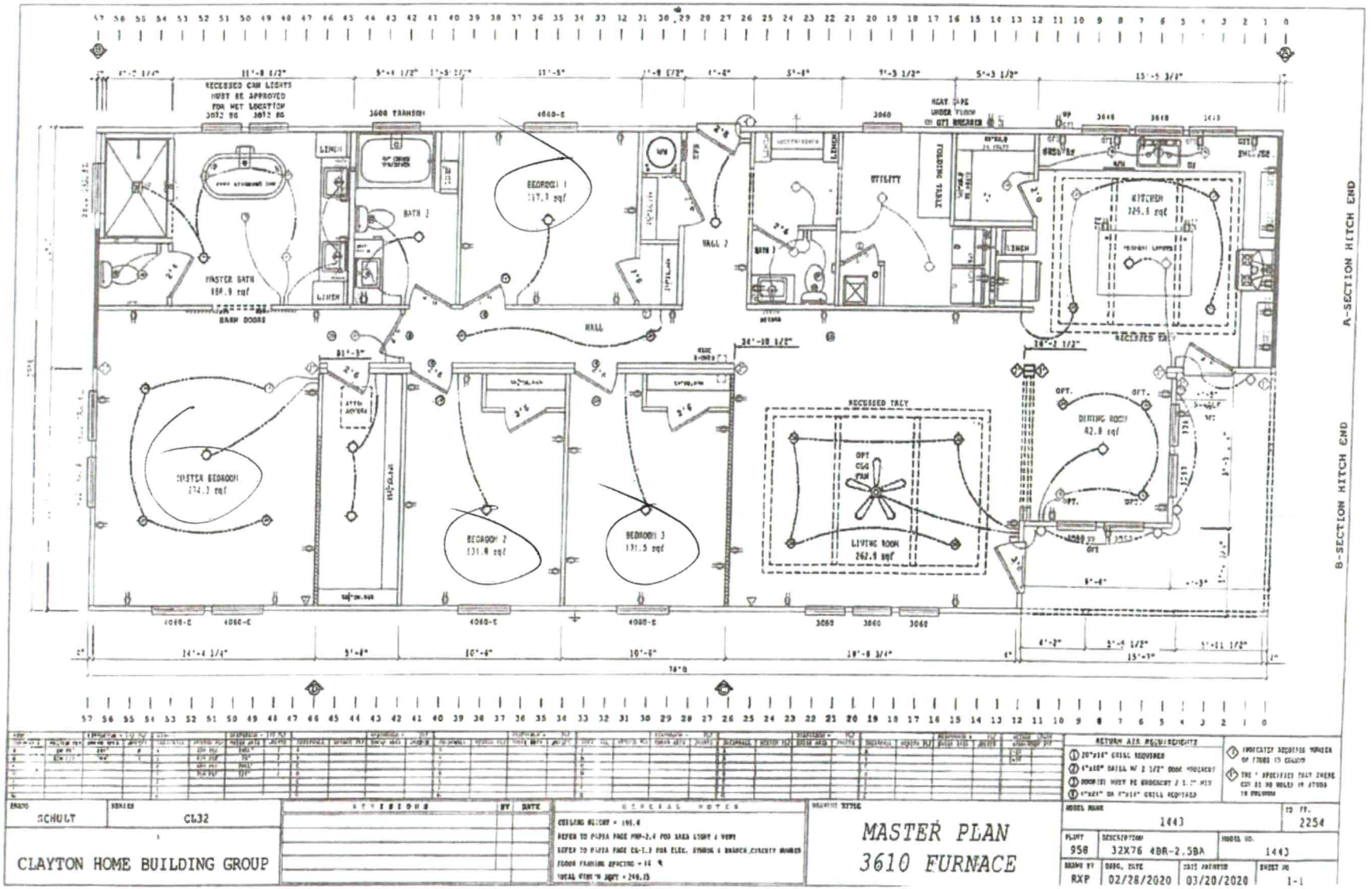
deer

Acknowledgement Of
Plans Submittal ONLY!

Date 11/30/22

Date

32x76 modular
4 Bedroom
Kimberly Onye 10-24-2022



BRAND	SCHULT
SERIES	CL32
	CLAYTON HOME BUILDING GROUP

REVISIONS | BY | DATE

GENERAL NOTES
CEILING HEIGHT = 108.0
REFER TO PLAN PAGE PMP-2.4 FOR AREA LIGHT & VENT
REFER TO PLAN PAGE CS-1.3 FOR ELEC. SYMBOL & BRANCH CIRCUIT NUMBER
FLOOR FRAMING SPACING = 16 "
TOTAL WIRE'D WATT = 240.25

DRAWING TITLE
MASTER PLAN
3610 FURNACE

RETURN AIR REQUIREMENTS
1) 20"x14" GRILL REQUIRED
2) 6"x10" GRILL W/ 2 1/2" DUCT MINIMUM
3) ROOM(S) MUST BE MINIMUM 2 1/2" MIN
4) 6"x12" OR 6"x10" GRILL REQUIRED

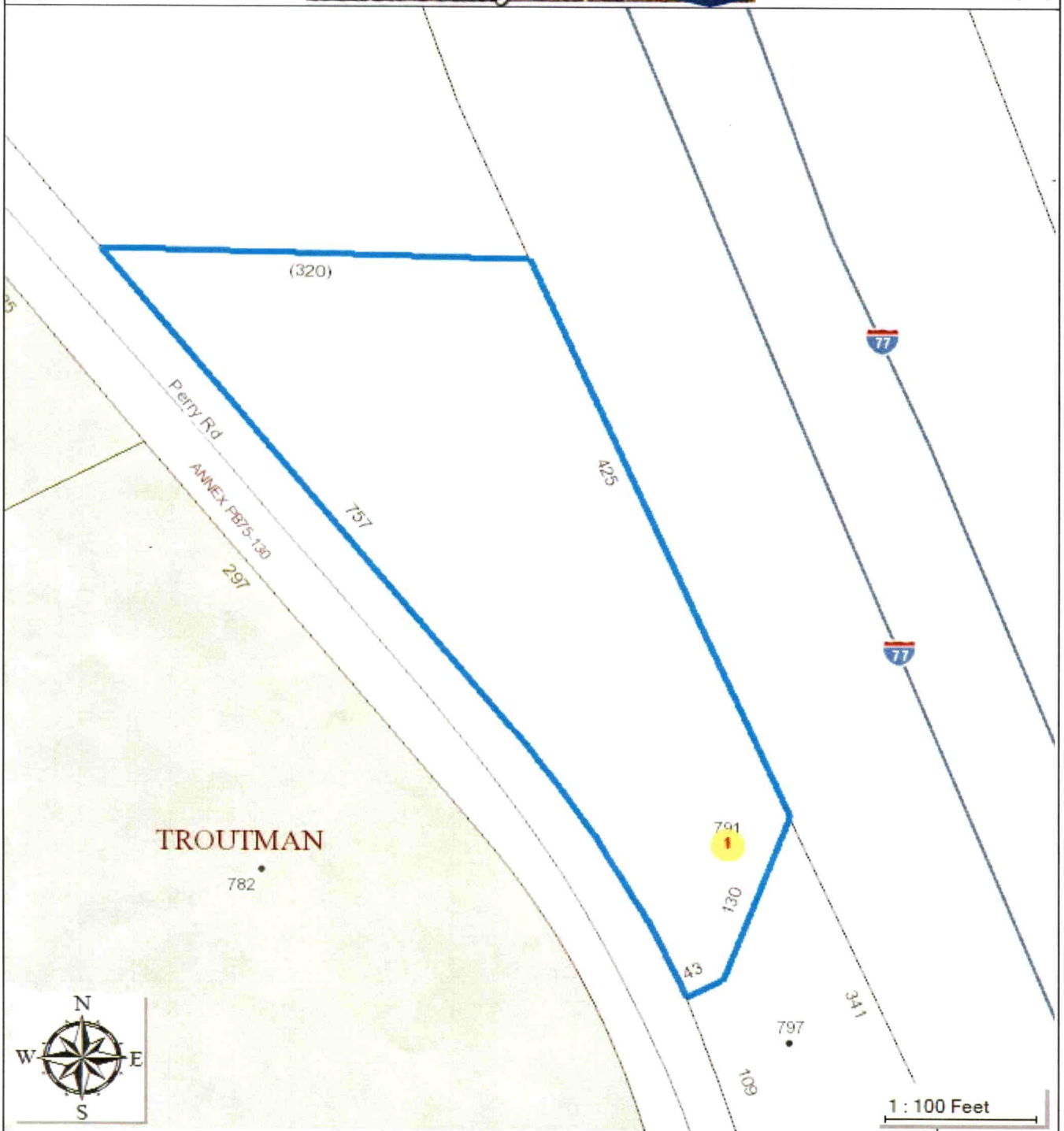
1) INDICATES REQUIRED NUMBER OF STUDS IN CORNER
2) THE * SPECIFIES THAT THERE CAN BE NO HOLES IN STUDS IN CORNER

MODEL NAME	1443		SQ FT. 2254
PLANT 958	DESCRIPTION 32X76 4BR-2.5BA		MODEL NO. 1443
DRAWN BY RXP	ORIG. DATE 02/28/2020	DATE APPROVED 03/20/2020	SHEET NO 1-1

CONNECTGIS WEB HOSTING

North Carolina Iredell County

Iredell
Printed November 14, 2022
See Below for Disclaimer



The maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information provided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of any of this information is at their own risk. All maps on this site were prepared using a 1000â€™ Grid based upon the North Carolina State Plane Coordinate System from the 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as official notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.

741 Perry Rd

Caviness plot plan

