ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

ManE-2024-669/6 DW

PERMIT : OSWP 2025-74257

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

PIN # 3792 -- 54 -- 7754

APPLICANT/OWNER: Joey Stogner | APPLICANT ADDRESS: 152 Patchwork Dr. Statesville NC 28677

SITE ADDRESS: 152 Patchwork Dr, Statesville NC 28677 | PHONE: 828-465-3450 | ALT. PHONE —

SITE DIRECTIONS: Eufola Rd - R Patchwork - Lot on R | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Rocky Mnt. Ministries | SECTION: - | LOT #: 2 | LOT AREA: 1.221 | DESIGN FLOW: 480gpd | L.T.A.R.(Initial): .3 | L.T.A.R (Repair): .3

Septic Tank	1000 (gal)	STB 1012	Date	☑ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	(gal)	PT	Date	System Description: 25% Reduction		☐ Business	No. Persons	8	☑ Private
Pump Make	Model		Serial #	Repair System Description: 25% Reduction		☐ Other	No. Employees		☐ Public
# Nitrification Fields	1 # Lines 4		Linear Ft 400	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width 36"	*Max. Trench Depth(Initial) 34"		*Max. Trench Depth(Repair) 34"	Gravel Depth —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	
* Measured on the downhill side of the trench	Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40			Usable Depth to LC (Initial): 48"		Usable Depth to LC (Repair): 48"			*Limiting Condition*

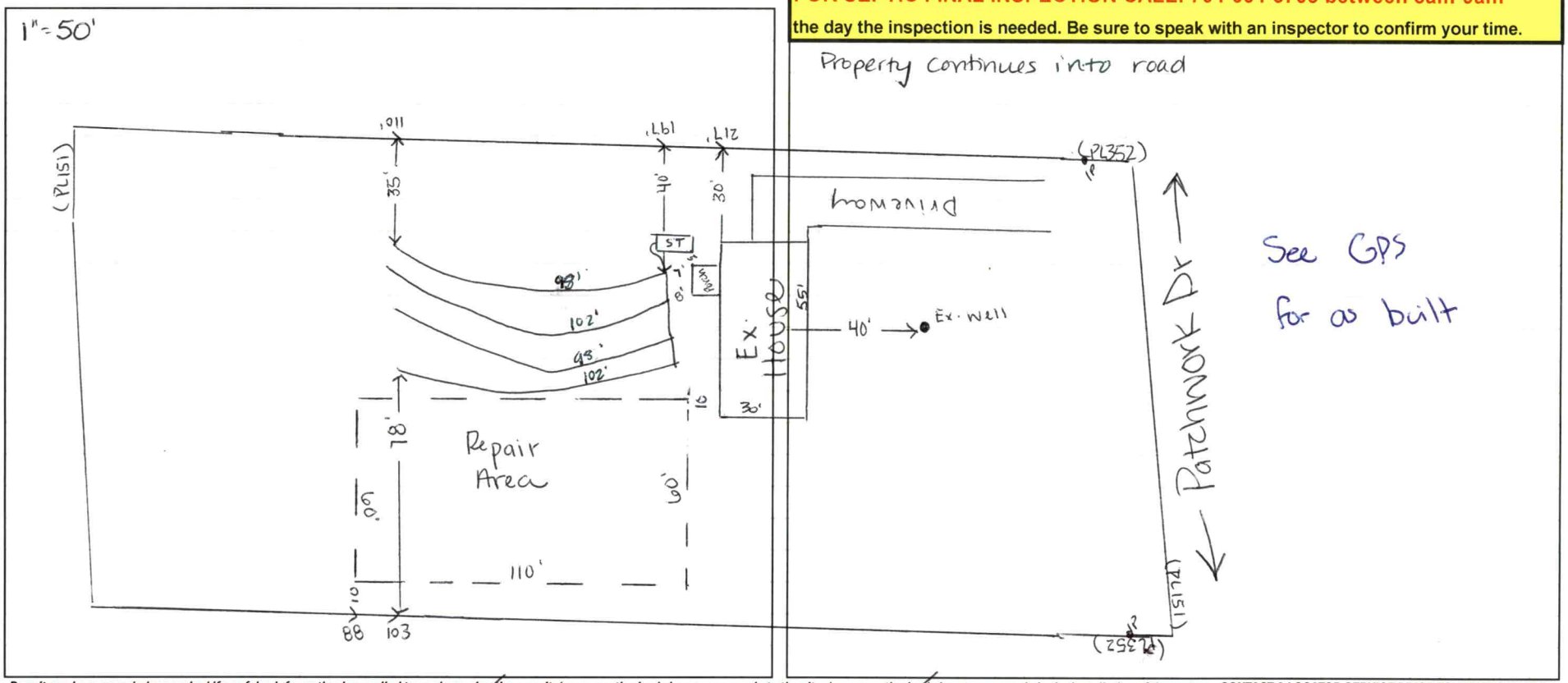
Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield. Tank location may be altered at time of install. No foundation drains. Keep all septic 5' off foundations

BK84 PG24

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 | Date: — | Installed by: JW Construction

IMPROVEMENT PERMIT by: Sydney Hurland | Date: 4/22/25 | OPERATION PERMIT by: [illegible] | Date: 5/1/25

AUTHORIZATION TO CONSTRUCT by: Sydney Hurland | Date: 4/22/25 | Existing System Inspected by: | Date:

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

PROPERTY ID #: 3792547850
COUNTY: Iredell

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

OWNER: Joey Stogner DATE EVALUATED: 10/3/24
ADDRESS: 1230 Conover Blvd, Conover 28613
PROPOSED FACILITY: 4BR PROPOSED DESIGN FLOW (.0400): 480gpd PROPERTY SIZE:
LOCATION OF SITE: 150 patchwork Dr. Statesville 28677 PROPERTY RECORDED:
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other WATER SUPPLY SETBACK:
EVALUATION METHOD: Auger Boring (Pit) Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	6%	0-7	SCL/SBK	SS-SP-FR-SE	-	(48")	-	-	PS .3	2"
		7-29	C/SBK	SS-SP-FR-SE						
		29-48	CL/SBK	SS-SP-FR-SE	Heavy Sap inc 30"+					
2	6%	0-7	SCL/SBK	SS-SP-FR-SE	-	(50")	-	-	PS .3	2"
		7-32	C/ABK	SS-SP-FR-SE						
		32-50	CL/WABK	SS-SP-FR-SE	Litho inc 32"+					
3	4%	0-10	SCL/SBK	SS-SP-FR-SE	-	(52")	-	-	PS .3	2"
		10-40	C/SBK	SS-SP-FR-SE						
		40-52	CL/WABK	SS-SP-FR-SE	Heavy Sap inc 40"+					
4	6%	0-10	SCL/SBK	SS-SP-FR-SE	-	(66")	-	-	PS .3	2"
		10-47	C/SBK	SS-SP-FR-SE						
		47-66	CL/SBK	SS-SP-FR-SE	Heavy Sap inc 50"+ Few Litho inc in C					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	400'	
System Type(s)	25%	
Site LTAR	.3	
Maximum Trench Depth		

SITE CLASSIFICATION (.0509): S
EVALUATED BY: S. Holland
OTHER(S) PRESENT: S. Williams

Comments: Porch in H.B dimension

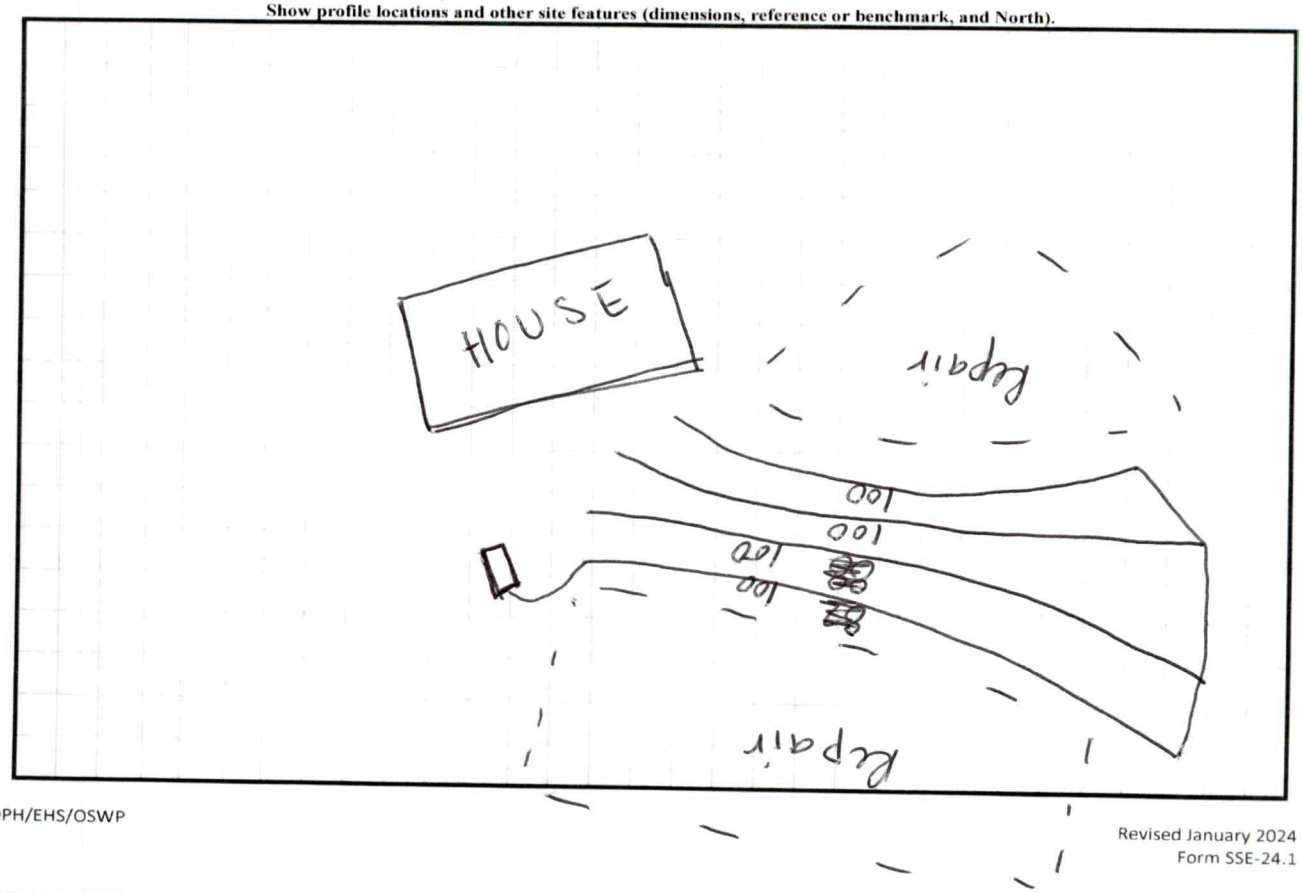
LEGEND

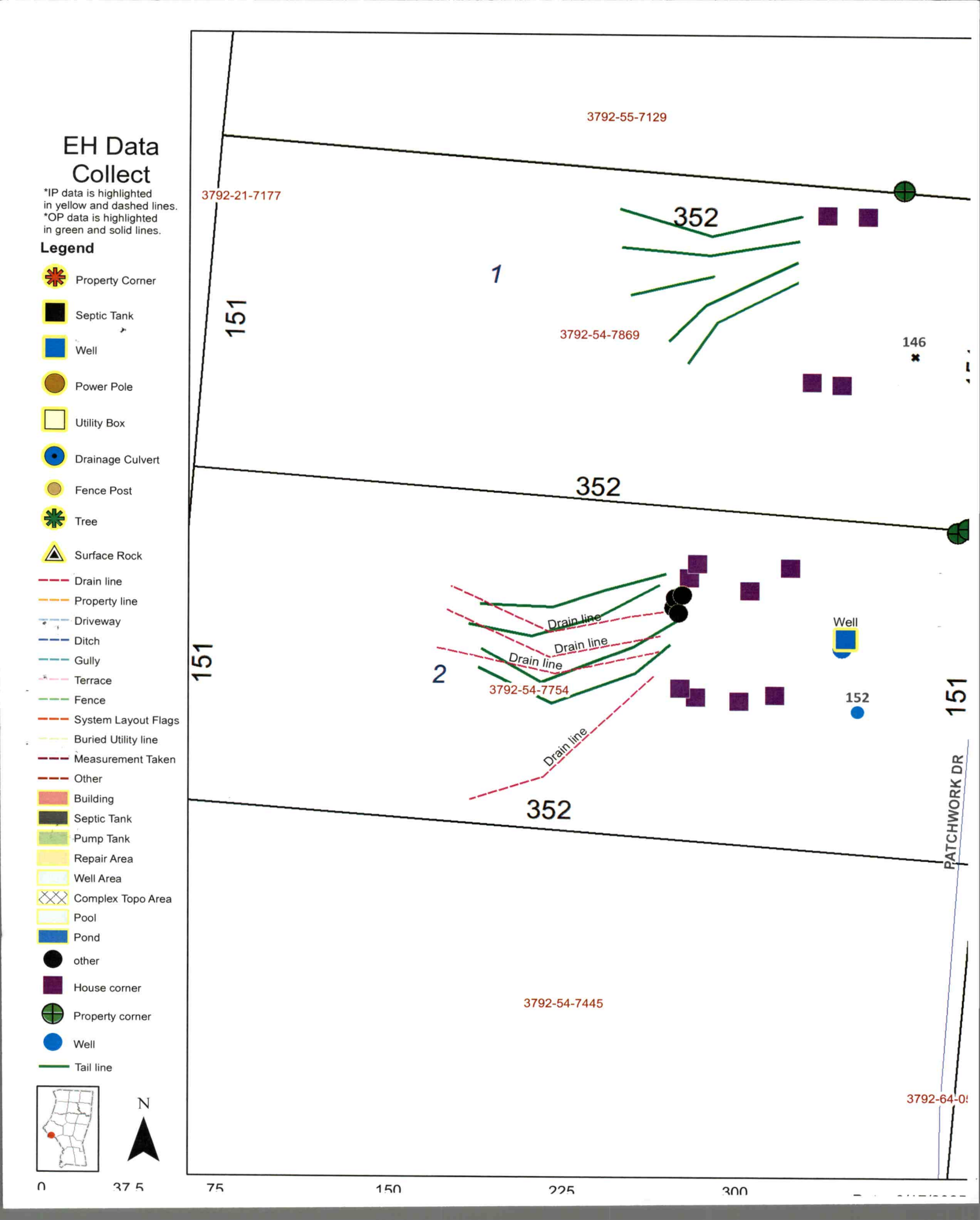
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

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); Evaluation of saprolite shall be by pits.
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) or U (Unsuitable)

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




EH Data Collect
*IP data is highlighted in yellow and dashed lines.
*OP data is highlighted in green and solid lines.
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
Drain line
Property line
Driveway
Ditch
Gully
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
N
0
37.5
75
150
225
300
3792-55-7129
3792-21-7177
352
1
151
3792-54-7869
146
352
151
2
Drain line
Drain line
Drain line
Drain line
Well
3792-54-7754
152
151
352
PATCHWORK DR
3792-54-7445
3792-64-0