BLDR - 2023 - 36729 OSWP

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # **AP** 2023-13380

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

PIN # 4842 -- 28 -- 1769

APPLICANT/OWNER: Donald Munday APPLICANT ADDRESS: 125 E. Plaza Dr. Ste. 101 Mooresville 28115

SITE ADDRESS: 455 Indian Hill Rd, Olin 28660 PHONE: 704-664-7888 ALT. PHONE 704-437-4068

SITE DIRECTIONS: W Memorial hwy - (L) Jennings - (R) Indian Hill - lot on (L) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: 449 & 455 Indian Hill Rd SECTION: — LOT# — LOT AREA: 30.38 DESIGN FLOW: 480gpd L.T.A.R.: .275

Septic Tank	~~1000~~ 1500 (gal)	STB	964	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	440	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE			☐ Basement w/plumbing	☑ Basement w/o plumbing		

Comments / Conditions: Keep tank 15' off house. Do not pave, grade, Park, drive or bury utilites in drainfield.

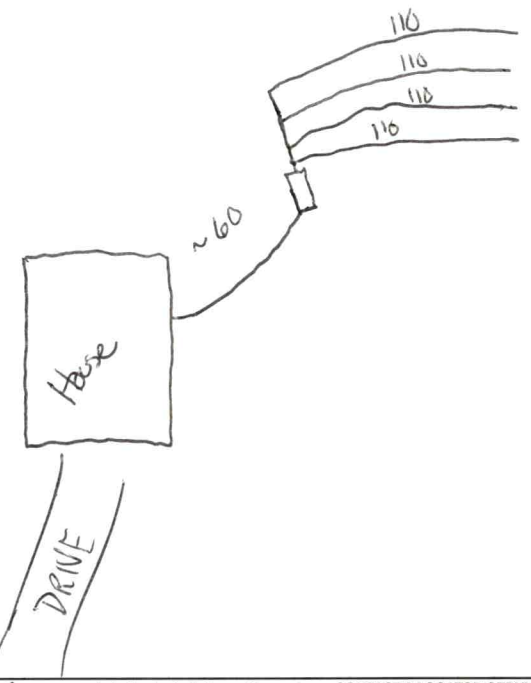
4BR system to be installed

INITIAL SITE SKETCH

See attached Site Plan.

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: 1/10/23 Installed by: Lentz

IMPROVEMENT PERMIT by: Sydney Holland ✓ Date: 2/8/23 OPERATION PERMIT by: Cory Hill ✓ Date: 8/2/24

AUTHORIZATION TO CONSTRUCT by: Sydney Holland ✓ Date: 9/18/23 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:		

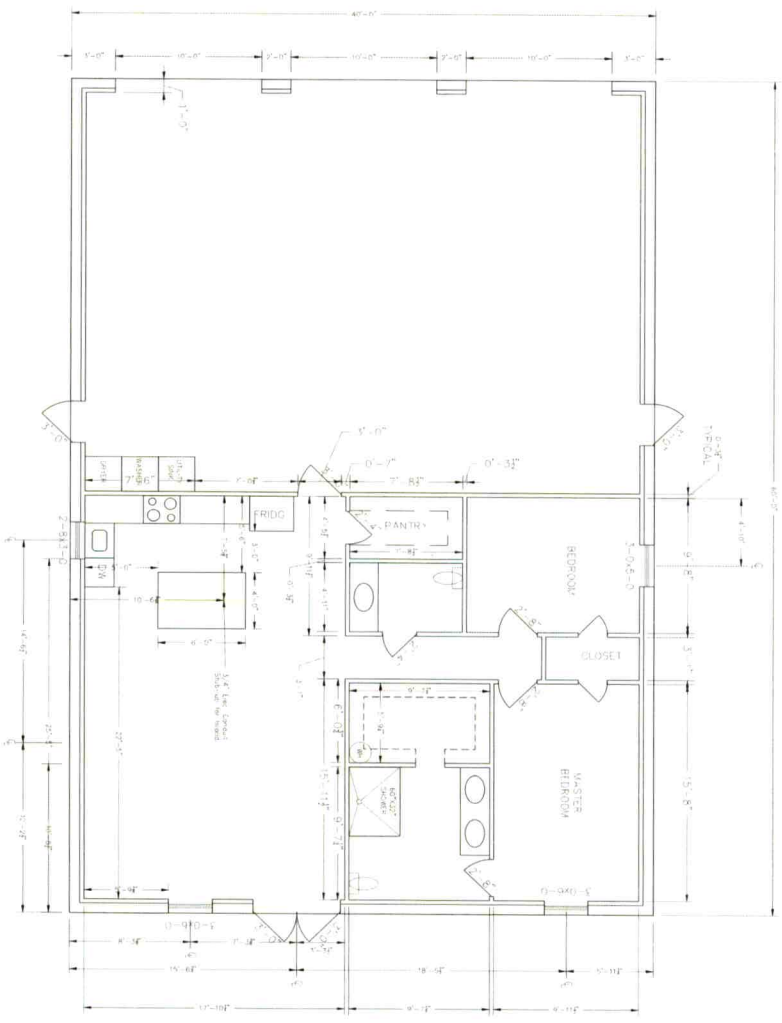
Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

Repair Area
110'
100'
(E) 50'
(E) 50'
(E) 50'
110'
110'
110'
Tenant 15' off house
30'
36'
40'
50'
Prop. 08 House 09
Proposed Driveway to Indian Hill Road
Repair Area
230'
170'
324'
210'
(PL 450)
(PL170)
(PL100)
(PL80)
(PL140)
(PL60)
(PL50)
(PL230)
1" = 100'

Location

PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS WITHIN MUST BE WITH THE WRITTEN CONSENT OF PIEDMONT DESIGN ASSOCIATES, P.A.

Owner: _____ Approved: _____ Date of Issue: _____



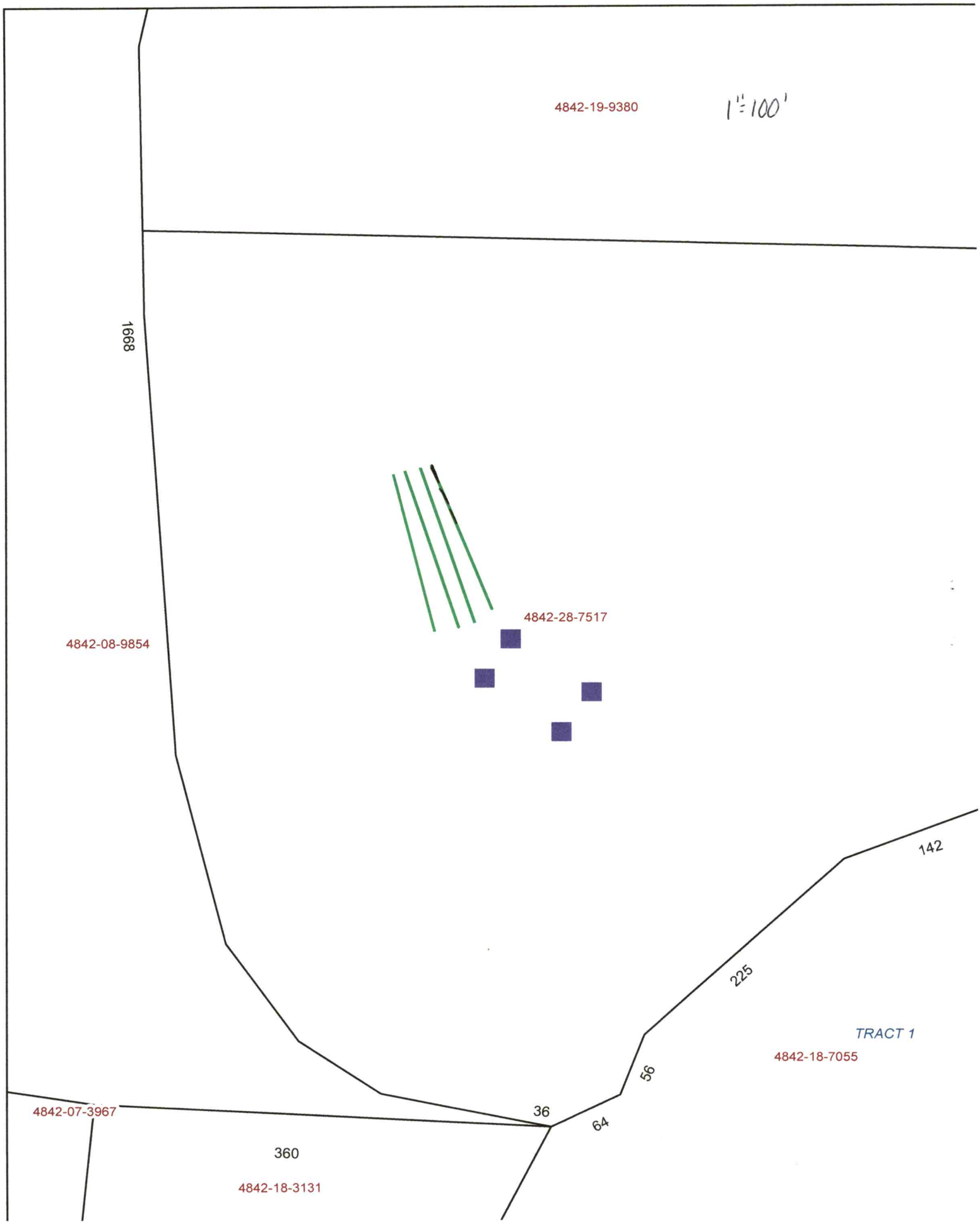
REVISIONS	BY

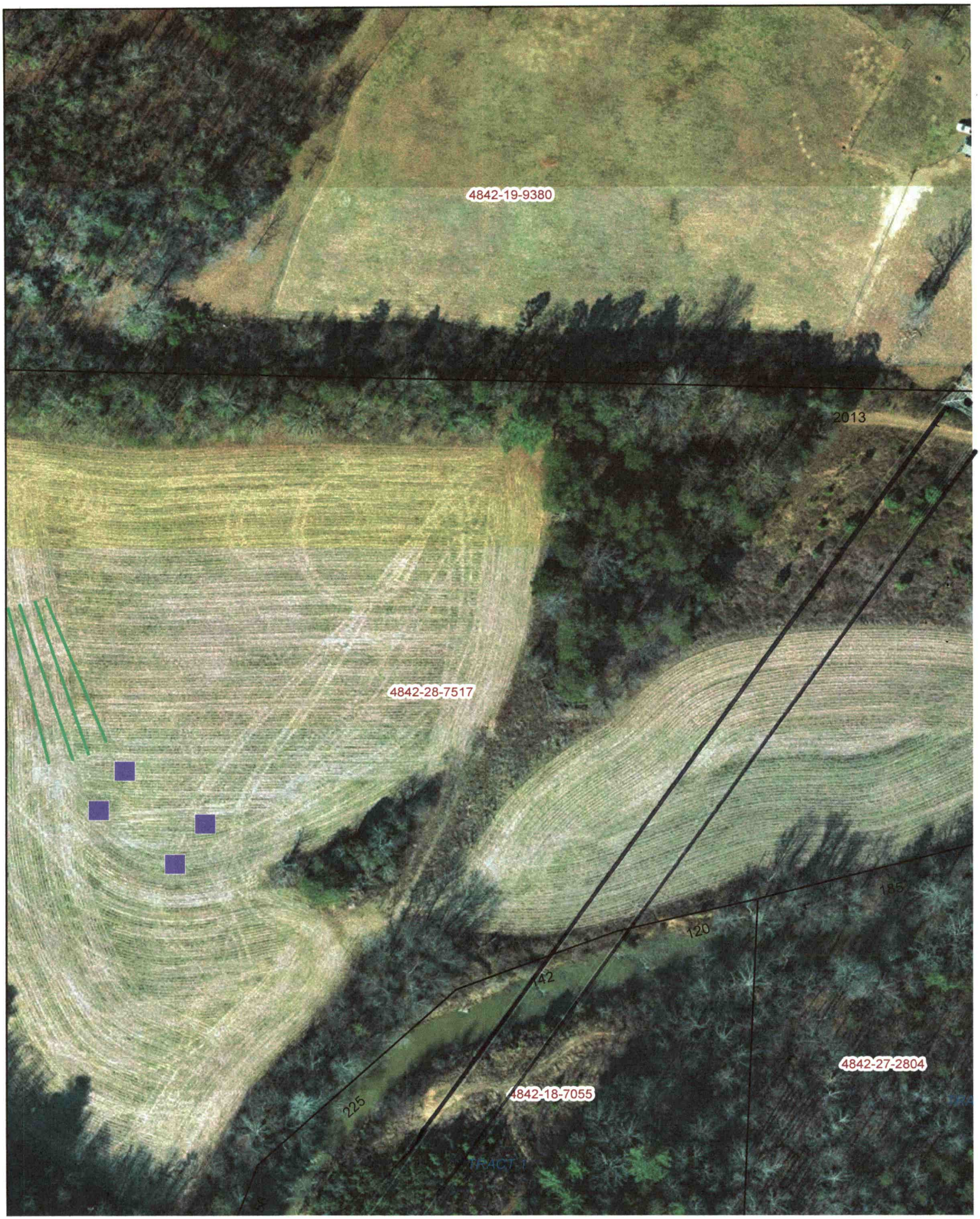
Drawn: 08/25/2023
Scale: 1/4" = 1'
Drawn: DLM
Checked: DLM
Project:
Job:
Sheet:

IREDELL Co., NORTH CAROLINA

PREPARED FOR:
ETHAN & SARAH JOHNSON
455 INDIAN HILL ROAD

PIEDMONT DESIGN
ENGINEERING SURVEYING PLANNING
Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone (704) 664-7888 Fax (704) 664-1758 www.pdapa.com
NCBELS License #: C-1007


4842-19-9380
1" = 100'
1668
4842-28-7517
4842-08-9854
142
225
TRACT 1
4842-18-7055
56
64
36
4842-07-3967
360
4842-18-3131


4842-19-9380
2013
4842-28-7517
185
120
142
4842-27-2804
4842-18-7055
225
TRACT 1

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

Sheet 1 of 1
PROPERTY ID #: 4842287517
COUNTY: Iredell

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

OWNER: Donald Munday
ADDRESS: 125 E. Plaza Dr. Ste. 101 Mooresville 28115
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 455 Indian Hill, Olin 28660
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE 1/10/23
DATE EVALUATED: 2/7/23
PROPERTY SIZE: 26.95
PROPERTY RECORDED: yes

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	A 1% SS	0-26	C/ABK		10YR 5/6 @ 38"+ 2.5Y 6/4 @ 43"+ 5Y 7/3 @ 40"+	48"	—	—	P.S .275
		26-48	CL/SBK						
2		0-7	SCL/SBK	SS-SP-FR-SEXP	Few Y/B thru/out+	54"	—	—	P.S .275
		7-37	C/SBK	S-P-FR-SEXP					
		37-54	CL/SBK	SS-SP-FR-SEXP					
3		0-7	Org	Mixed	SAP inc. common in CL Few Y/B in CL	50"	—	—	P.S .275 (Repair)
		7-43	C/SBK	S-P-FR-SEXP					
		43-50	CL/SBK	S-P-FR-SEXP					
4		0-43	C/SBK	S-P-FR-SEXP	Few floater Rocks	52"	—	—	P.S .3 (Repair)
		43-52	CL/SBK	S-P-FR-SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	436'	436'
System Type(s)	25%	25%
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P.S.
EVALUATED BY: S. Holland
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) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

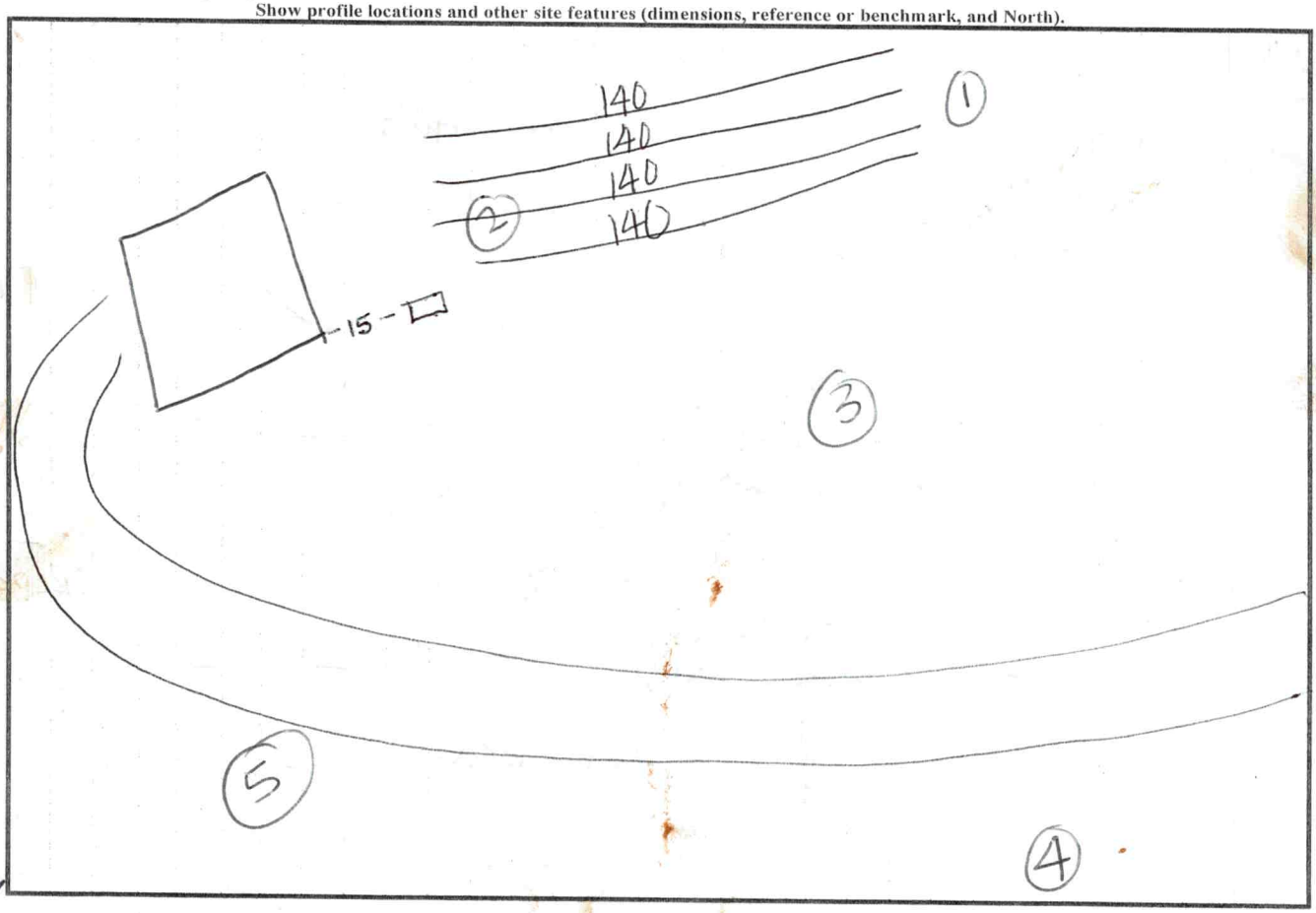
NOTES

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/ft²

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



Pits

0-48 C 1SBK S-P-FR-SEXP

48-56 CL 1SBK SS-SP-FR-SEXP

Few Y/B in CL layer

PS .275 (Repair

PERMIT SNAPSHOT REPORT OSWP-2023-13380 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Description: Seeking septic permit for 4 bedroom residence INDIAN HILL RD OLIN, NC 28660 / ADDRESS CHANGED TO MATCH PIN: 455

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Holland, Sydney

App Date: 01/10/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4842287517.000 Main

Address: 455 Indian Hill Rd Olin, NC 28660 Main

Zone: R-20(Suburban Residential District)
RA(Residential Agricultural District)

Applicant/Authorized Agent
Piedmont Design Associates, PA
125 E Plaza Drive 125 E Plaza Drive, Suite 101
Mooresville, NC 28115
Business: (704) 664-7888

Applicant/Authorized Agent
Sarah Johnson
Mobile: (704) 235-8709

Applicant/Authorized Agent
Ethan Johnson
Mobile: (704) 437-4668

Property Owner
James Henderson
Home: (704) 539-4556

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	40' x 80' house box	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain	40' x 80' house box	Maximum Number of Bedrooms	4	Number of Occupants	3
Foundation Type	Basement with Plumbing	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Lot Acreage	26.95	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	Must meet both the 50-foot setback from the streambank and the 35-foot setback from the rear property line for any structure.	Additional Unique Setbacks Apply	Yes	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Donald_Munday_1/10/2023.jpg	01/10/2023 15:43	Munday, Donald		Uploaded via CSS
Prelim Johnson Site Plan-010923_v1.pdf	01/12/2023 16:27	COMEAUX, DEBRA	Available Online	Site Plan
20230117111032976_v2.pdf	01/17/2023 11:45	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
Authorized Agent Letter-011023_v1.pdf	01/19/2023 8:23	Bailey, Julia	Available Online	Authorize to Act as Agent
Johnson Site Plan-012023-FL_v2.pdf	01/25/2023 9:01	Bailey, Julia	Available Online	Site Plan
Johnson Site Plan-012023-FL_v1.pdf	01/27/2023 10:49	Williams, Deborah	Available Online	Site Plan
Johnson Site Plan-012023-FL.pdf	01/30/2023 13:50	Williams, Deborah		
Johnson Site Plan-012023-FL.pdf	01/30/2023 14:37	Williams, Deborah		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-57496	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/31/2023			01/31/2023 16:42	01/31/2023 16:42

Inspectors: Kobuck, Teanna (Primary)

PERMIT SNAPSHOT REPORT (OSWP-2023-13380)

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. Scheduled for 1/7/23- 8am	Sydney Holland	02/02/2023 7:43

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00008081	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00008081	$77.25	$77.25
INV-00008120	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00008120	$500.00	$500.00
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/17/2023 11:47	01/17/2023 11:47
Confirm application complete v.1	Generic Action		01/17/2023 11:47
Fees v.1		01/25/2023 12:19	01/27/2023 11:43
Issue Invoice v.1	Generic Action		01/25/2023 12:19
Fees Paid v.1	Generic Action		01/27/2023 11:43
Zoning Review v.1		01/25/2023 8:58	01/27/2023 10:50
Iredell County Zoning Approval v.1	Task	01/25/2023 8:58	01/27/2023 10:50
Issue Invoice v.1	Generic Action		01/25/2023 8:59
Fees Paid v.1	Generic Action		01/27/2023 10:50
Lot Readiness Verification v.1		01/31/2023 16:41	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/31/2023 16:41	01/31/2023 16:42
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		