

**WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT****LAWS/REGULATIONS INVOLVED**10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit  
Wastewater System and Potable Water Supply Rules, Effective April 12, 2019**Permittee:** Andrei Pokrovsky  
320 Marlborough St.  
Boston, MA 02116**Permit Number:** WW-1-1026-2

This permit affects the following properties in Killington, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
Existing Parcel A & B	13474	588-185-13474	6.42	
Proposed 1			1.00	
Proposed 2			1.40	
Proposed 3			1.50	
Proposed 4			2.50	

This application, consisting of a 3-lot subdivision and boundary line adjustment of 2-previously approved parcels, whereby all lots will be improved with a single-family residence and served by onsite potable water well and wastewater disposal system, located at 430 Lower Rebecca Ln in Killington, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions. Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

**1. GENERAL**

- 1.1 The permittee is responsible to record this permit in the Killington Land Records within 30 days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2 The permittee is responsible to record the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Killington Land Records.
- 1.3 Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plans prior to the conveyance of a lot.
- 1.4 By acceptance of this permit, the permittee agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.5 This permit does not relieve the landowner from obtaining all other approvals and permits from other State Agencies or Departments, or local officials prior to construction.
- 1.6 All conditions set forth in Permit WW-1-1026-1 shall remain in effect except as amended or modified herein.



## 2. CONSTRUCTION

- 2.1 Construction shall be completed as shown on the plans and/or documents prepared by R. B. Spencer II P.E., with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
<b>Lands of Pokrovsky, Overall Subdivision Plan</b>	2215-1	02/10/2023	09/07/2023
<b>Lands of Pokrovsky, Proposed Lots 1&amp;2 Site Plan</b>	2215-2	02/10/2023	09/07/2023
<b>Lands of Pokrovsky, Proposed Lots 3&amp;4 Site Plan</b>	2215-3	02/10/2023	09/07/2023
<b>Lands of Pokrovsky, Proposed Lot#1 Water &amp; Sewer Details</b>	2215-4	02/10/2023	09/07/2023
<b>Lands of Pokrovsky, Proposed Lot#2 Water &amp; Sewer Details</b>	2215-5	02/10/2023	09/07/2023
<b>Lands of Pokrovsky, Proposed Lot# 3&amp;4 Water &amp; Sewer Details</b>	2215-6	02/10/2023	09/07/2023

- 2.2 Construction of wastewater systems or potable water supplies, or buildings or structures (as defined by the Wastewater System and Potable Water Supply Rules), or campgrounds, not depicted on the stamped plans, or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.
- 2.3 No buildings, roads, water pipes, sewer services, earthwork, re-grading, excavation, or other construction that might interfere with the operation of a wastewater system or a potable water supply are allowed on or near the site-specific wastewater system, wastewater replacement area, or potable water supply depicted on the stamped plans. Adherence to all isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules is required.

## 3. INSPECTIONS

- 3.1 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer on a Secretary-approved form that states:

*"I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with the permitted design and all permit conditions, were inspected, were properly tested, and have successfully met those performance tests"*

or which satisfies the requirements of §1-311 of the referenced rules.

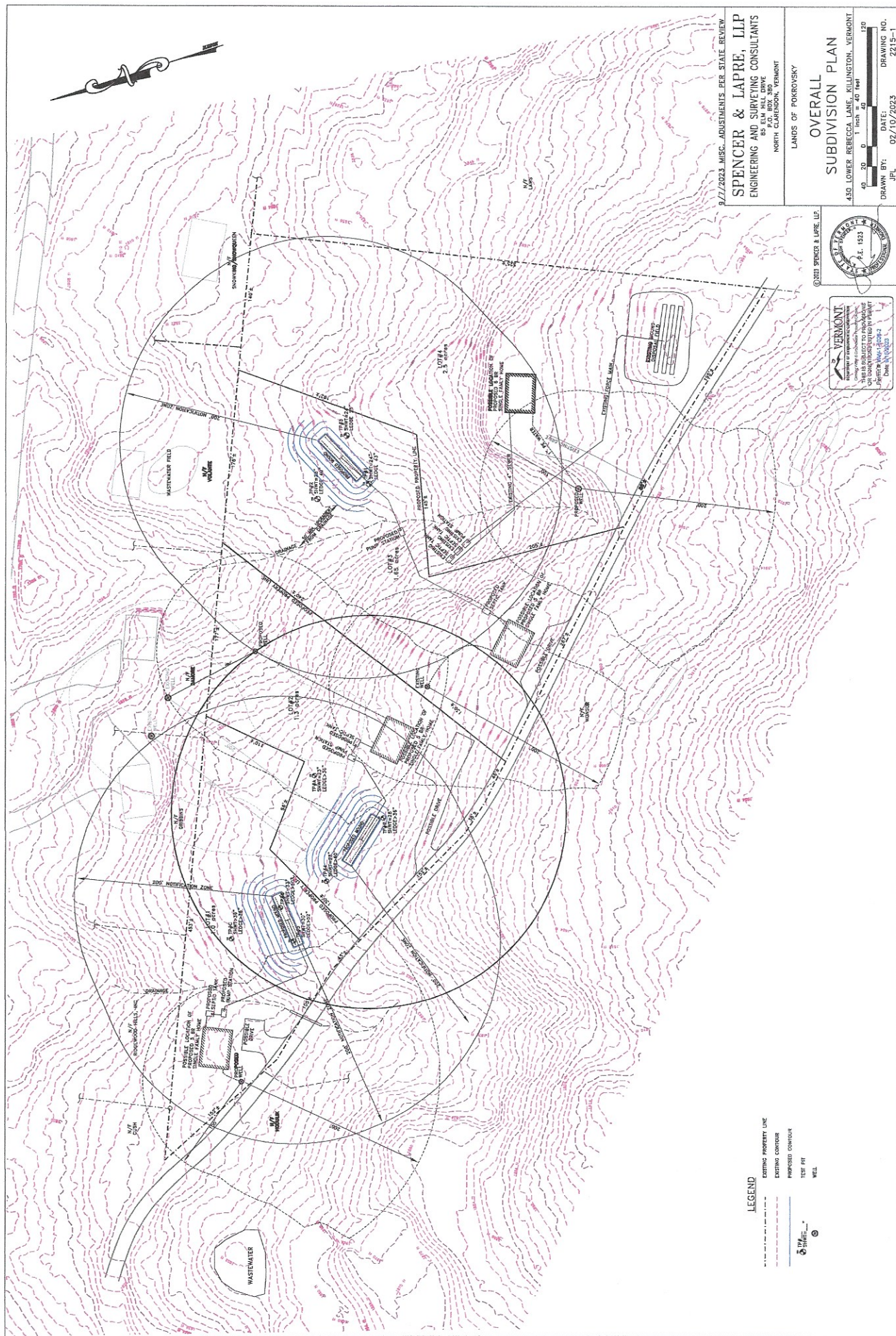
- 3.2 Prior to the use of a potable water supply for any lot, the permittee shall test the water for Arsenic, Escherichia coli (E. coli), Fluoride, Lead, Manganese, Nitrate as N, Nitrite as N, Total Coliform Bacteria, Uranium, Adjusted Gross Alpha Particle Activity, Chloride, Sodium, Iron, Odor and pH. All water quality tests shall be conducted at a laboratory certified by the Vermont Department of Health (a list of which can be found on the VDH website). Results of the water tests shall be submitted to the Vermont Department of Health prior to use or within 60 days of the submission of the Installation Certification required in Condition 3.1, whichever comes first.

## 4. DESIGN FLOW

- 4.1 Lot use and design flows (gpd) shall correspond to the following:

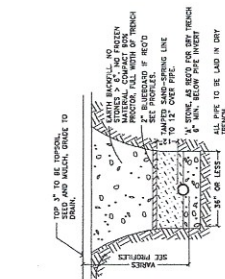
Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
1	Proposed	5-bedroom single family residence 8-persons maximum occupancy	560	560
2	Proposed	5-bedroom single family residence	560	560
3	Proposed	5-bedroom single family residence	560	560
4	Proposed	6-bedroom single family residence	840	840





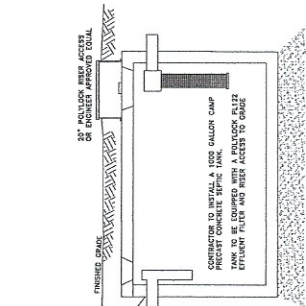




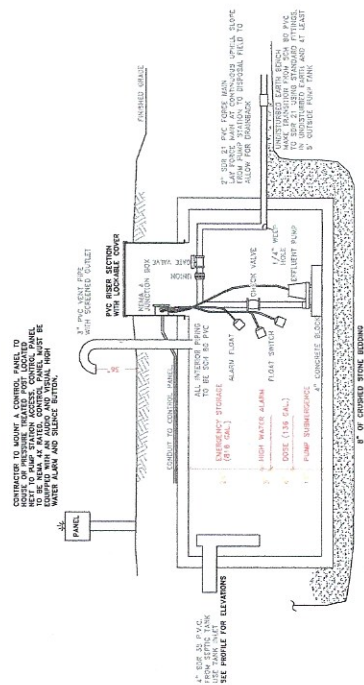


## TYPICAL TRENCH DETAIL

## WATER WELL DETAIL

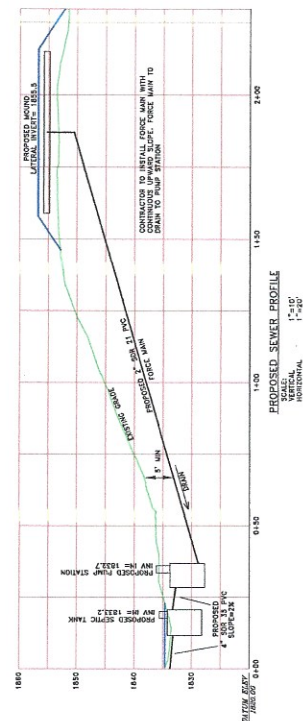


**SEPTIC TANK DETAIL**

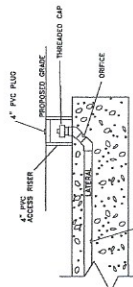


## PUMP TANK DETAIL

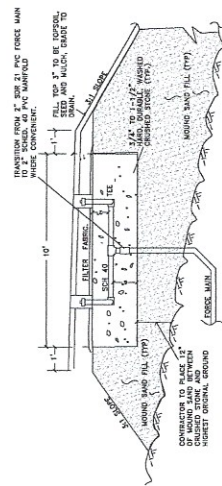
CONTRACTOR TO INSTALL A GOULDS MODEL 3885 WE07H 3/4 HP EFFLUENT PUMP PER MANUFACTURER'S RECOMMENDATIONS.



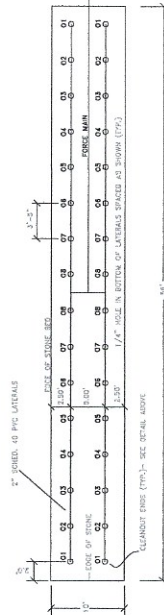
### PROPOSED SEWER PROFILE



### LATERAL CLEANOUT DETAIL



## MOJND DISTRIBUTION DETAIL



### MOUND DISTRIBUTION DETAIL

U.S.

## NOTES AND SPECIFICATIONS

- [illegible]

## DISPOSAL SYSTEM TESTING PROCEDURES

PERFORMANCE TESTING

0/7/2023 MISC. ADJUSTMENTS PER STATE REVIEW

**SPENCER & LAPRE, LLP**  
ENGINEERING AND SURVEYING CONSULTANTS  
85 ELM HILL DRIVE  
P.O. BOX 390  
NORTH CLARENDON, VERMONT

LANDS OF POKROVSKY

## PROPOSED LOT#1

WATER & SEWER DETAILS

SCALE AS NOTED

DATE:	02/10/2023	DRAWING NO:	2215-4
BY:			

