

**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**Landowner(s): Erik Olson & Richard Edgar**  
**14544 Margate Street #8**  
**Sherman Oaks CA 91411****Permit Number: WW-1-3212**

This permit affects the following property in Killington, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
14-36	14-36	588-185-10373	101.00	Book:337 Page(s):518, Book:334 Page(s):94, Book:45 Page(s):476

This application, consisting of the construction of a new single family 5-bedroom residence on an undeveloped parcel, located at 2857 River Road 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. LANDOWNER'S RESPONSIBILITIES**

- 1.1 The landowner is responsible to record this permit in the Killington Land Records within thirty days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2 The landowner 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 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 (or where allowed, the installer) 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 the permit conditions, were inspected, were properly tested, and have successfully met those performance tests", or which otherwise satisfies the requirements of §1-311 of the referenced rules.
- 1.4 Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s) prior to the conveyance of the lot.
- 1.5 By acceptance of this permit, the landowner 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.

**2. DESIGN FLOW**

- 2.1 Each lot use and design flow shall correspond to the following.

Lot	Description/Basis of Design	Water Design Flow	Wastewater Design Flow
14-36	5-bedroom single family residence	560	560





### 3. CONSTRUCTION PLANS

- 3.1 Construction on the lot/each lot shall be completed as shown on the plans and/or documents prepared by Christopher C. LeisterChristopher Leister, with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Plan	1 of 2	05/14/2019	08/07/2019
Details	2 of 2	05/14/2019	08/07/2019

- 3.2 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.

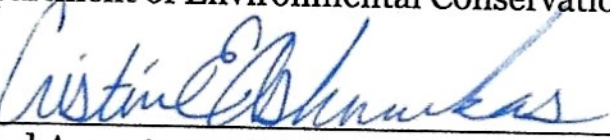
### 4. WASTEWATER SYSTEM

- 4.1 A designer shall flag, prior to construction or site work on the lot:
- the perimeter of the approved leachfield, or, if the leachfield is within a bottomless sand filter or a mound, perimeter of the bottomless sand filter or mound and the flags maintained until commencement of construction of the component.
  - the perimeter of the approved replacement area and the flags maintained until completion of construction of the building or structure.
- 4.2 This permit does not relieve the landowner of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.
- 4.3 No buildings, roads, water lines, earthwork, re-grading, excavation, or other construction that might interfere with the operation of the wastewater system are allowed on or near the site-specific wastewater system, replacement area, or replacement system 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.

### 5. POTABLE WATER SUPPLY

- 5.1 A designer shall flag prior to construction or site work on the lot the center of the proposed potable water source and the flags shall be maintained by the landowner until commencement of construction of the source.
- 5.2 Prior to the use of the potable water supply, the landowner 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.

Emily Boedecker, Commissioner  
Department of Environmental Conservation

By   
Dated August 19, 2019

Cristin Ashmankas

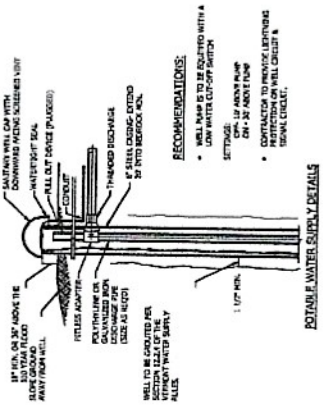
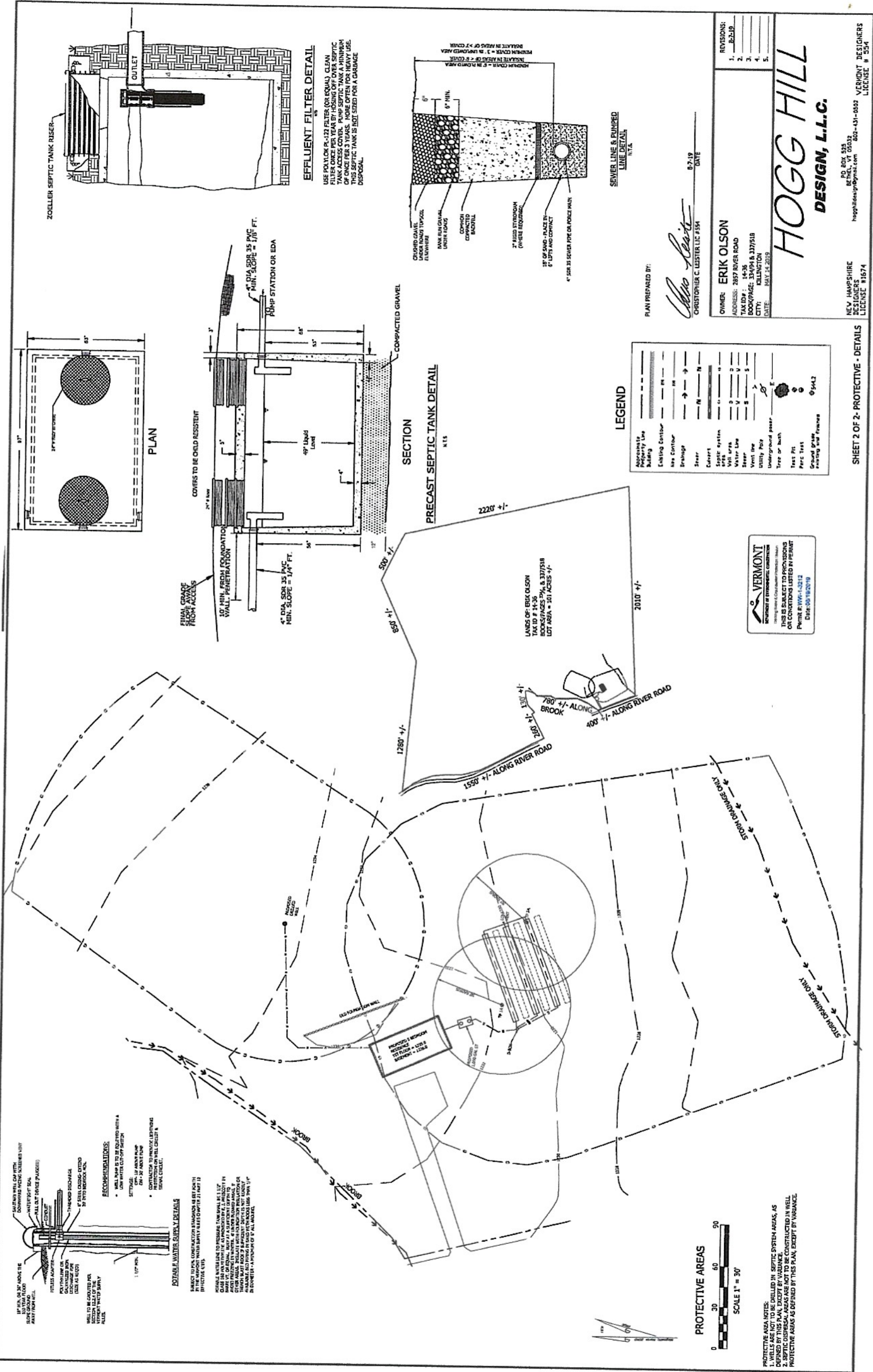
Rutland Regional Office  
Drinking Water and Groundwater Protection Division

cc: Christopher C. Leister Christopher Leister  
Killington Planning Commission









**POTABLE WATER SUPPLY DETAILS**

SHOWN TO PUMP CONSTRUCTION STANDARDS AS SET FORTH BY THE VERMONT WATER SUPPLY RULES CHAPTER 21 PART 13

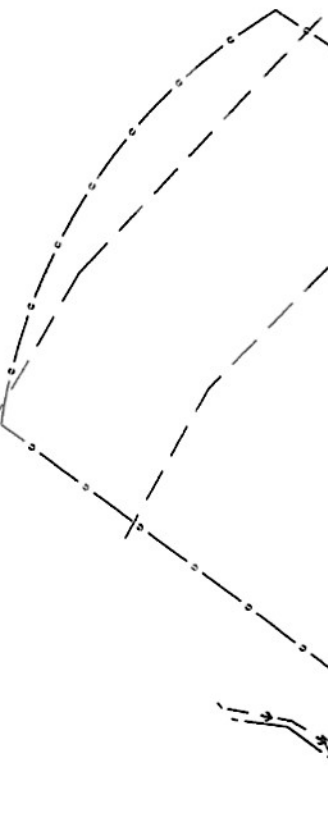
1. WELL TO BE DRILLED PER VERMONT WATER SUPPLY RULES CHAPTER 21 PART 13

2. WELL TO BE CEMENTED PER VERMONT WATER SUPPLY RULES CHAPTER 21 PART 13

3. WELL TO BE CEMENTED PER VERMONT WATER SUPPLY RULES CHAPTER 21 PART 13

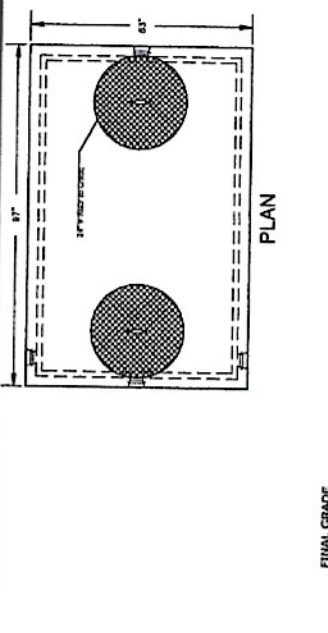
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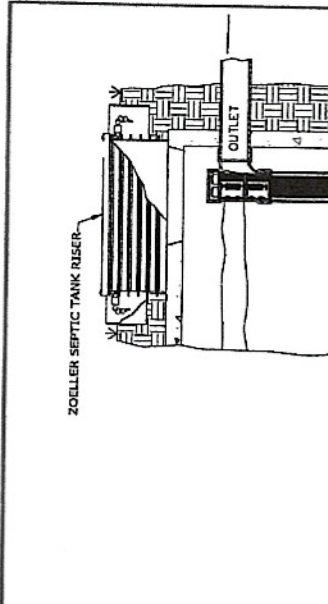
**PRECAST SEPTIC TANK DETAIL**

USE POLYLOK R-122 FILTER (OR EQUAL) CLEAN FILTER ONCE PER YEAR BY HOUSING OFF OVER SEPTIC TANK ACCESS COVER. PUMP SEPTIC TANK A MINIMUM OF 10' FROM ANY BUILDING OR DRIVE. MORE OFTEN FOR HEAVY USE. THIS SEPTIC TANK IS NOT SUITED FOR A GARAGE DISPOSAL.



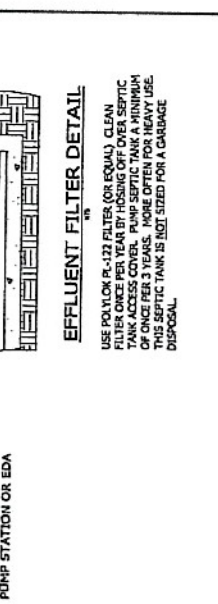
**EFFLUENT FILTER DETAIL**

USE POLYLOK R-122 FILTER (OR EQUAL) CLEAN FILTER ONCE PER YEAR BY HOUSING OFF OVER SEPTIC TANK ACCESS COVER. PUMP SEPTIC TANK A MINIMUM OF 10' FROM ANY BUILDING OR DRIVE. MORE OFTEN FOR HEAVY USE. THIS SEPTIC TANK IS NOT SUITED FOR A GARAGE DISPOSAL.



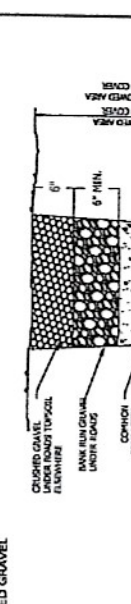
**ZOLLER SEPTIC TANK RISER**

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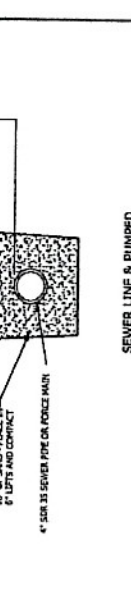
**SEWER LINE & PUMPED LINE DETAIL**

USE POLYLOK R-122 FILTER (OR EQUAL) CLEAN FILTER ONCE PER YEAR BY HOUSING OFF OVER SEPTIC TANK ACCESS COVER. PUMP SEPTIC TANK A MINIMUM OF 10' FROM ANY BUILDING OR DRIVE. MORE OFTEN FOR HEAVY USE. THIS SEPTIC TANK IS NOT SUITED FOR A GARAGE DISPOSAL.



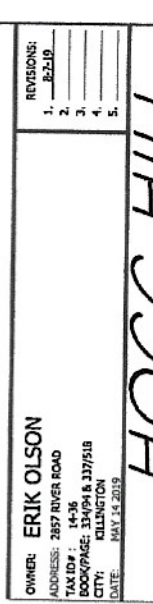
**PLAN**

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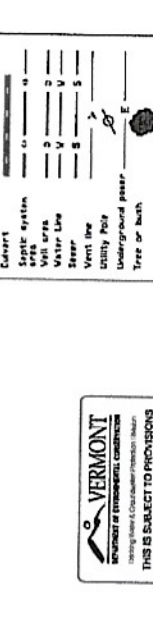
**SECTION**

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**LEGEND**

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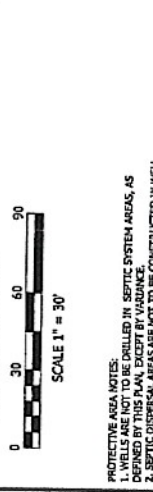
**PROTECTIVE AREAS**

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**STOCK PARKING ONLY**

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**SCALE 1" = 30'**

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PLAN PREPARED BY: *Erik Olson* DATE: 0-7-19

OWNER: ERIK OLSON  
ADDRESS: 2837 RIVER ROAD  
TOWN: KILLINGTON  
COUNTY: WINDHAM  
STATE: VT 05751

DESIGNER: HOGG HILL DESIGN, L.L.C.  
ADDRESS: 2837 RIVER ROAD  
TOWN: KILLINGTON  
COUNTY: WINDHAM  
STATE: VT 05751

REVISIONS:  
1. 0-7-19  
2. 0-7-19  
3. 0-7-19  
4. 0-7-19  
5. 0-7-19

VERMONT  
DESIGNER'S SEAL  
THIS IS SUBJECT TO PROVISIONS  
OR CONDITIONS LISTED IN PERMIT  
PERMIT # 19-0012  
DATE: 05/15/2019

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