

#2021-23

TOWN OF ESSEX, VERMONT
APPLICATION FOR CURB CUT / UTILITY PERMIT

Pursuant to Title 19 V.S.A. Section 43. Application for curb cut and Utility Installation in Town Right-of-Way

All applications for curb cuts and utility installations shall be submitted to the Director of Public Works / Town Engineer for review. Applicants shall submit the information requested on this form and any additional information requested by the Director of Public Works / Town Engineer for a clear understanding of this application. The permit is issued under authority of the Town Manager in accordance with Section 601 of the Town Charter and 24 V.S.A. paragraph 1236 (2).

Application No. _____ / _____
Date

Property Address: 107 Indian Brook Rd Essex VT

Owner Address: 7 Arbor Terrace Essex Sct VT

Owner Name: Alexander Duffly

Phone Number: (home) _____ (work) _____ (cell) 443-812-0546

Tax Map # 010 Tax Parcel 057 Tax Lot 207

Application is for: (check one)

A) New Curb Cut B) Utility Installation: Overhead Underground

Please use attached diagram to describe location and type of installation.

Comments by Director of Public Works / Town Engineer:

Culvert: Yes No

Water Bar(s): Yes No

Culvert Diameter: (18 inch minimum) 18"

Total length of Culvert: (30 foot minimum) _____

*** FOR OFFICE USE ONLY ***

Signature of Owner:
Alexander Duffly

Fee Paid \$ N/A

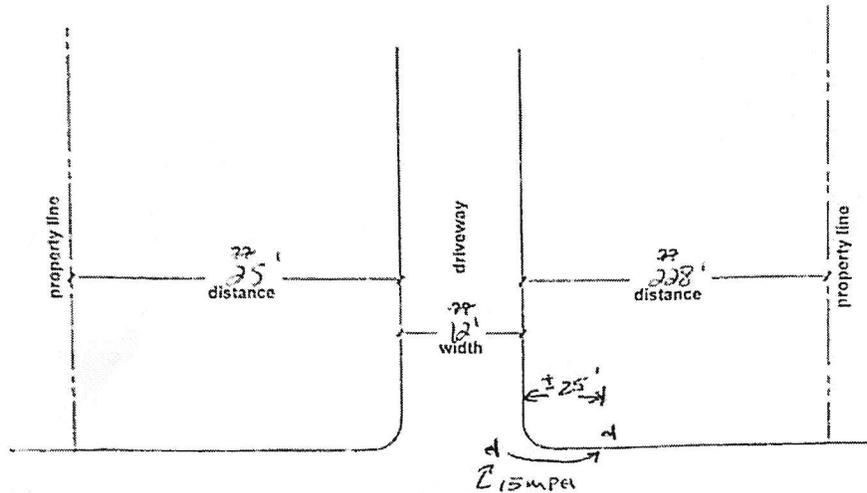
Approved Rejected w/conditions

[Signature]

Per Authority of the Town Manager by the
Director of Public Works / Town Engineer

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant
Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.
- 3.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



Inker Blvd

STREET NAME

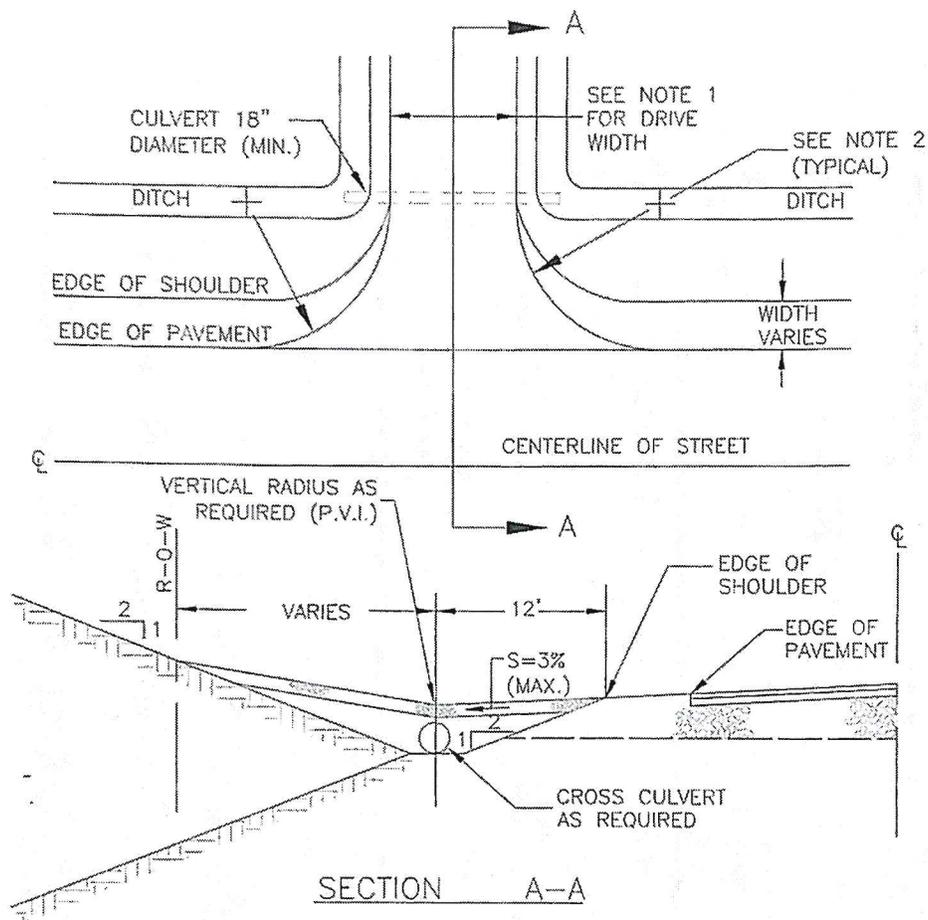
* INITIAL OBSERVATION IN SNOW COVER, ADDITIONAL INSPECTION ONCE SNOW HAS MELTED IS REQUIRED.

Comments and / or special instructions from Director of Public Works / Town Engineer :

- DITCH LINE ALONG FRONTAGE TO BE CLEANED
- OUT & BRUSH REMOVED TO B.O.W LINE
- 30" X 18" CPEP DRIVEWAY CULVERT REQUIRED
- DRIVEWAY APRON TO BE CONSTRUCTED
- AS PER ATTACHED DETAIL DRAWING.
- 15 MPH SPEED LIMIT SIGN (EXISTING)
- TO BE MOVED 25' SOUTH OF
- NEW CURB CUT.

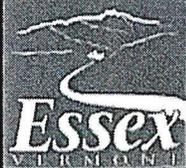
-DCG 2/19/21

NOTE: A MINIMUM OF 24 HOURS IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



NOTES :

- 1) DRIVE WIDTHS SHALL BE AS FOLLOWS
 SINGLE DRIVE: 10 FEET (MIN.)
 DOUBLE DRIVE: 15 FEET (MAX.)
 COMMERCIAL DRIVE: 40 FEET (MAX.)
- 2) EDGE OF PAVEMENT RADII
 MAJOR / COLLECTOR ROAD: 30 FEET
 MINOR ROAD / DEAD END: 25 FEET
 COMMERCIAL / INDUSTRIAL: 30 FEET (MIN.)
- 3) MAXIMUM DRIVE GRADE SHALL BE 3%
 FROM PVI TO EDGE OF SHOULDER



TOWN OF ESSEX
 PUBLIC WORKS
 81 MAIN STREET
 ESSEX JCT., VT
 05452

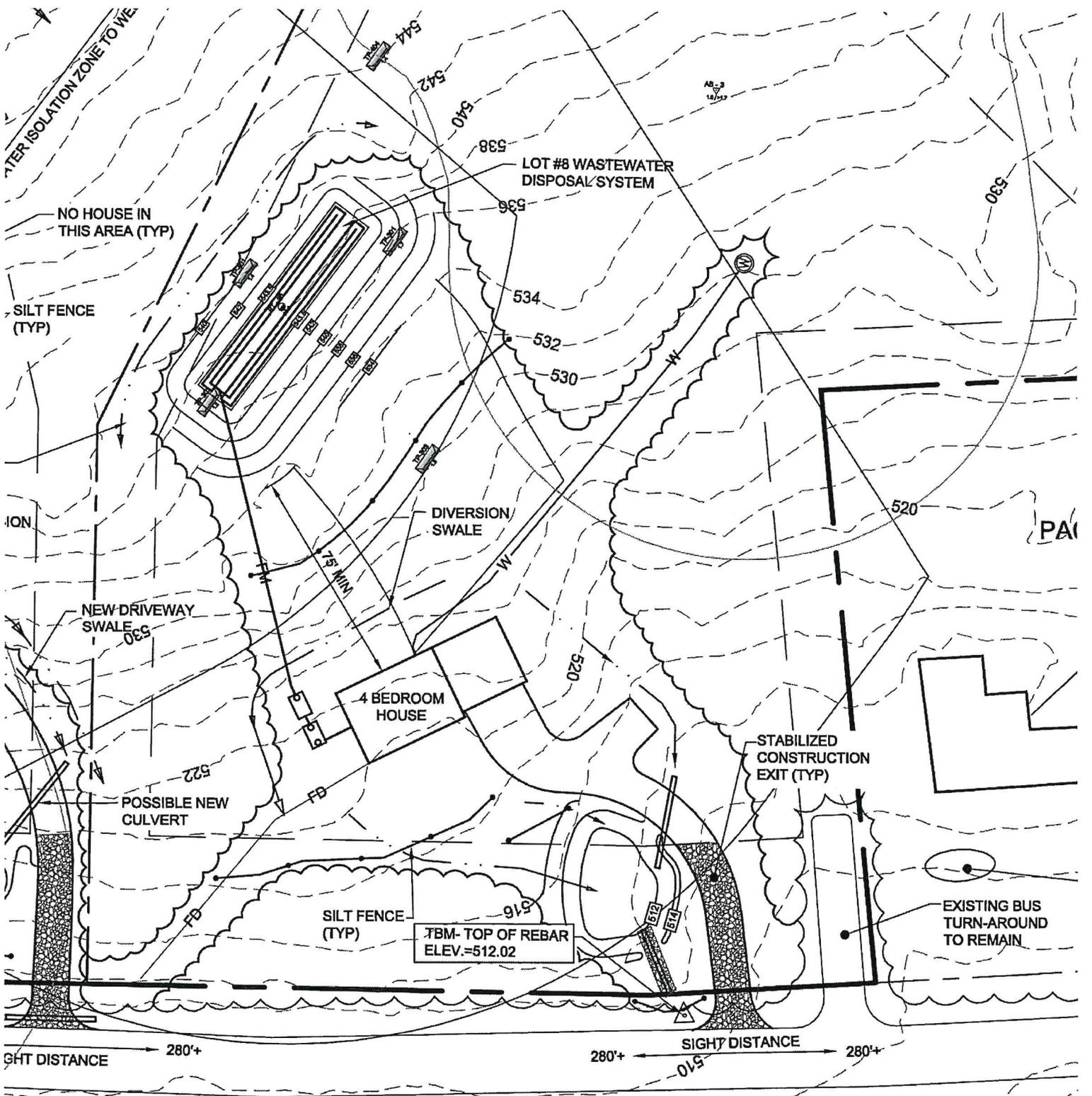
P: 802 878-1344
 F: 802 878-1355
 E: WWW.ESSEX.ORG

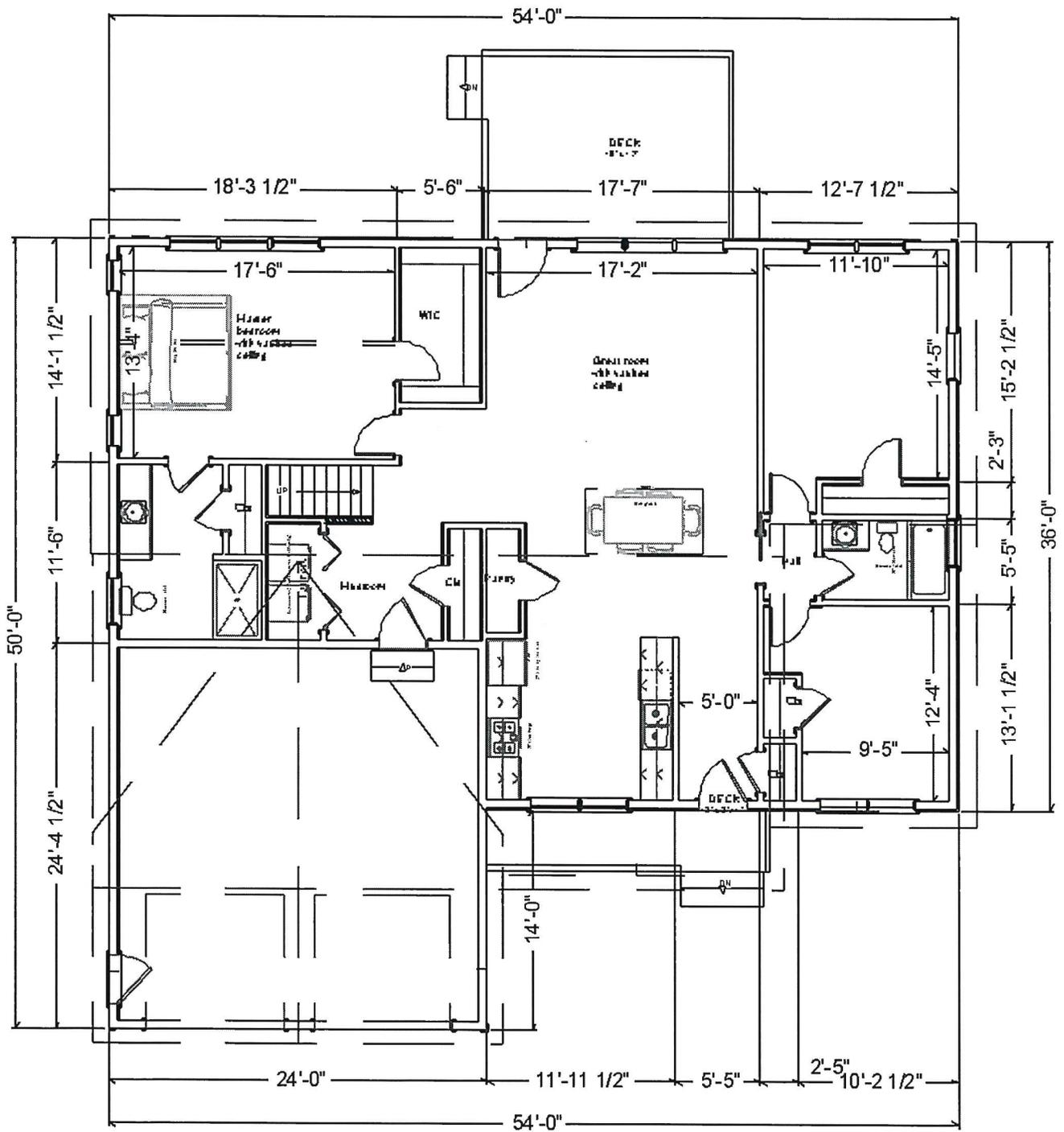
TOWN OF ESSEX, VERMONT
 STANDARD SPECIFICATIONS FOR CONSTRUCTION

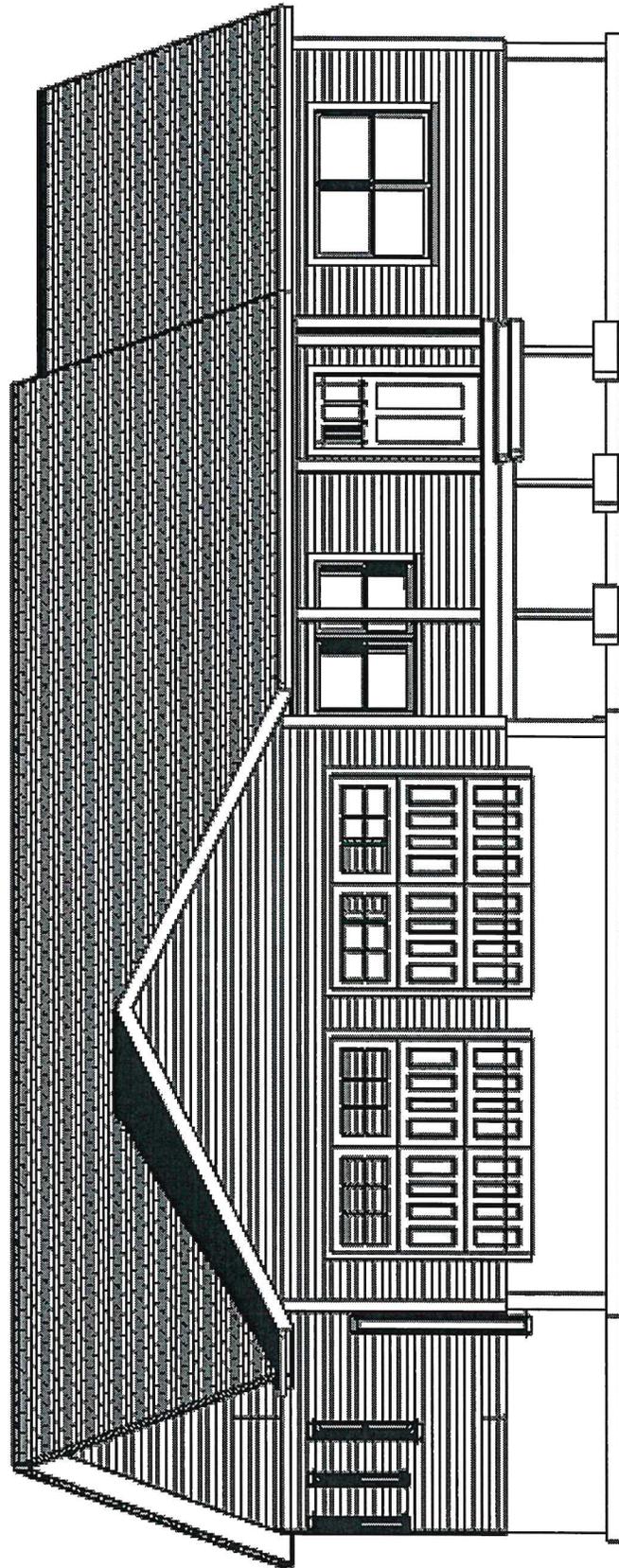
RURAL DRIVEWAY

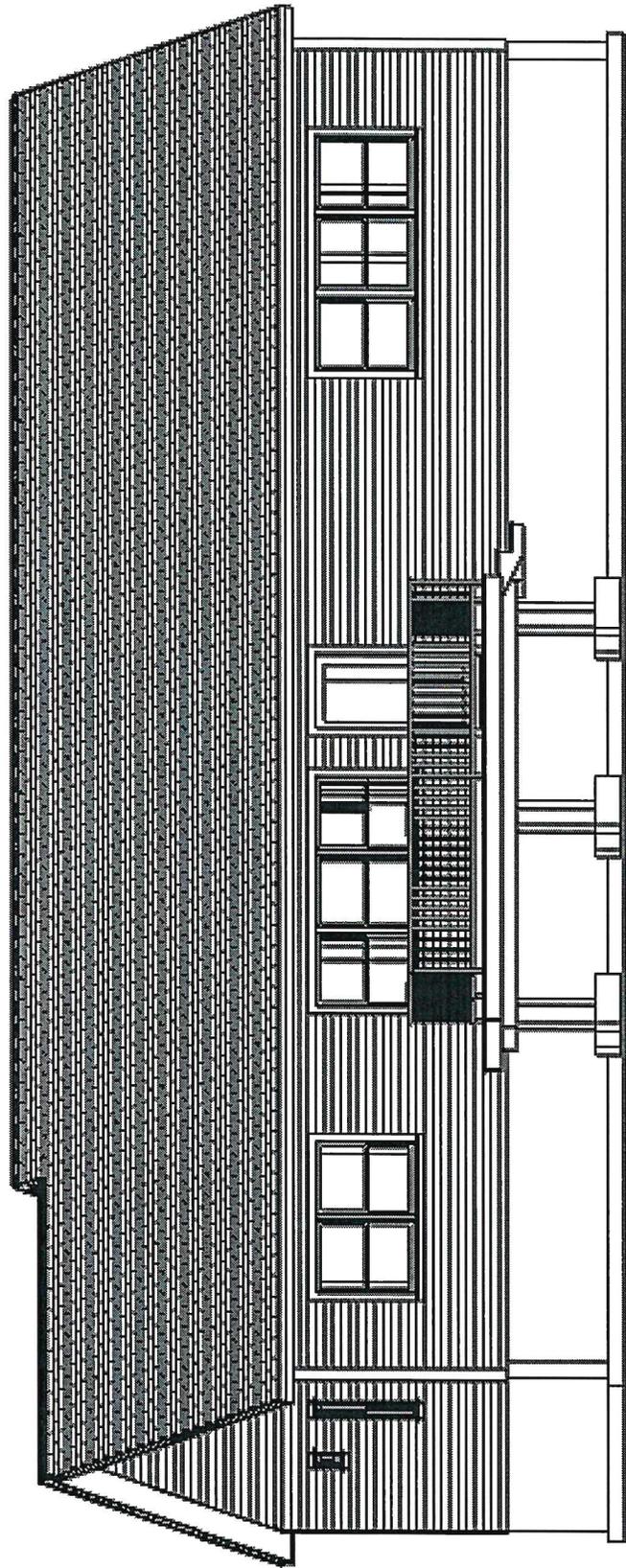
Detail No:	100.09
Scale:	NOT TO SCALE
Date:	JAN. 2017

A-9









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 September 29, 2007
 Chapter 21, Water Supply Rules, Effective December 1, 2010

Landowner(s): Indian Brook Properties, LLP
P.O. Box 123
Essex Junction VT 05452
Permit Number: WW-4-4538-1
PIN: EJ15-0296

This permit affects the following properties in Essex, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
3	2010057000	207-067-13092	2.32	Book:816 Page(s):667
4	2010057000	207-067-13092	6.24	Book:816 Page(s):667
6 to be eliminated	2010057000	207-067-13092	3.92	Book:816 Page(s):667
6A	2010057000	207-067-13092	5.05	Book:816 Page(s):667
6B	2010057000	207-067-13092	11.10	Book:816 Page(s):667
7	2010057000	207-067-13092	12.77	Book:816 Page(s):667
8	2010057000	207-067-13092	10.20	Book:816 Page(s):667

This project, consisting of amending Permit WW-4-4528 to eliminate previously approved Lot #6, and create two new lots; Lot 6A and Lot 6B, served by individual on-site mound systems and drilled wells; modifications to the lot lines of Lots 3, 4, 7, and 8 with no changes to the water supplies and wastewater system designs for these lots, located on 9 Indian Brook Road in Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

1. GENERAL

- 1.1 The project shall be completed as shown on the plans and/or documents prepared by Douglas Goulette, P.E., with the stamped plans listed as follows:

Title	Sheet Number	Plan Date	Revision Date
Overall Site Plan	1	07/01/2015	12/07/2016
Lots 1, 2, & 3 Site Plan	2	07/01/2015	12/07/2016
Lots 4 & 5 Site Plan	3	07/01/2015	12/07/2016
Lots 6A & 6B Site Plan and Lot 6B Wastewater System Inset	4	12/06/2016	01/25/2017
Lots 7 & 8 Site Plan	4A	07/01/2015	04/04/2016
Driveway Profile and Typical Details and Specifications	5	07/01/2015	12/09/2015
Wastewater Disposal System Plans	6	07/01/2015	12/07/2016
Typical Details and Specifications - On-site Wastewater Disposal	7	07/01/2015	01/25/2017



- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits **PRIOR** to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; or other State departments and local officials.
- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Essex Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Essex Land Records and ensure that copies of all certifications are sent to the Secretary.
- 1.5 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 §1-308 and §1-911 of the referenced rules.

- 1.6 All conditions set forth in **Permit Number WW-4538** shall remain in effect except as amended or modified herein.
- 1.7 This project is approved for the construction of a four bedroom single family residence on Lot 6A and 6B, the elimination of Lot 6, and modifications to lot lines for Lots 3, 4, 7 and 8.
- 1.8 No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.9 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s), if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.10 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.
- 1.11 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.

2. WATER SUPPLY

- 2.1 Lot 6A and Lot 6B are each approved for a potable water supply using a drilled or percussion bedrock well for a maximum of 490 gallons of water per day provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 2.2 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.

- 2.3 The water source location as shown on the stamped plan(s) shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.

3. WASTEWATER DISPOSAL

- 3.1 Lot 6A and Lot 6B are each approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of 490 gallons of wastewater per day. The system(s) shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.2 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 3.3 The corners of the proposed wastewater disposal area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.4 Lot 6A and Lot 6B are each approved for the mound wastewater disposal systems provided the mound is constructed in strict accordance with the following conditions:
- The mound system is to be located and constructed as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.
 - A qualified Vermont Licensed Designer shall inspect the mound system during critical stages of construction. This shall include the staking of the location of the mound, ensuring the site has been properly plowed prior to placement of the appropriate sand fill, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation.
 - The construction of the mound shall adhere to the guidelines set forth in Section 1-913(f) of the above referenced rules.
 - Upon completion of construction, and prior to occupancy of any structure being served by the mound system, the inspecting consultant shall submit to the Drinking Water and Groundwater Protection Division a written certification stating the construction has been completed in accordance with the stamped plans and the permit.
- 3.5 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.6 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

Joanna Pallito, Commissioner
Department of Environmental Conservation



By _____

Dated January 26, 2017

Jessanne Wyman, Regional Engineer
Essex Junction Regional Office
Drinking Water and Groundwater Protection Division

cc: Douglas Goulette
Essex Planning Commission
Act 250 District Environmental Commission-4C1289R

971 843

Essex, Vermont Town Clerk's Office

January 30, 2017 at
12 o'clock 45 minutes P M

Received for record and recorded in
book 971 on page 840-843
of Essex Land records

Attest: Henny Willingham, Asst. Clerk
Town Clerk