THIS IS A TWO-SIDED DOCUMENT

NEW YORK STATE | Adirondack Park Agency P.O. Box 99, 1133 NYS Route 86 Ray Brook, New York 12977 Tel: (518) 891-4050 www.apa.ny.gov	APA Permit **2022-0067B** Date Issued: **August 27, 2025**
In the Matter of the Application of **ELIZABETH HAIGHT** **SHANE BRUNELL** **Permittees** for a permit pursuant to § 809 of the Adirondack Park Agency Act	To the County Clerk: Please index this permit in the grantor index under the following name(s): **1. Elizabeth Haight** **2. Shane Brunell**

SUMMARY AND AUTHORIZATION

This amended permit authorizes the construction of a tourist cabin in an area classified Rural Use on the Adirondack Park Land Use and Development Plan Map in the Town of Keene, Essex County.

This authorization shall expire unless recorded in the Essex County Clerk's Office within 60 days of issuance of a signed and notarized permit. The signed and notarized permit shall be recorded in the names of all persons listed above and in the names of all owners of record of any portion of the project site on the recordation date.

The project shall not be undertaken or continued unless the project authorized herein is in existence within five years of the date the permit is recorded in the Essex County Clerk's Office. The Agency will consider the project in existence when the tourist accommodation has been constructed.

The project shall be undertaken in compliance with all conditions stated herein. Failure to comply with this permit is a violation and may subject the permittee, successors, and assigns to civil penalties and other legal proceedings.

This permit does not convey any right to trespass upon the lands or interfere with the riparian rights of others in order to undertake the authorized project, nor does it authorize the impairment of any easement, right, title or interest in real or personal property.

Nothing contained in this permit shall be construed to satisfy any legal obligations of the permittee to comply with all applicable laws and regulations or to obtain any governmental approval or permit from any entity other than the Agency, whether federal, State, regional, or local.

PROJECT SITE

The project site is a 48.5±-acre parcel of land located on Nordic Run Way in the Town of Keene, Essex County, in an area classified Rural Use on the Adirondack Park Land Use and Development Plan Map. The site is identified as Tax Map Section 53, Block 1, Parcel 10.000, and is described in a deed from Janet Warner to Shane Brunell and Elizabeth Haight, dated December 31, 2021, and recorded January 25, 2022 in the Essex County Clerk's Office at Book 2069, Page 227.

Portions of the project site are located within 150 feet of the edge of right-of-way of NYS Route 73 and within one-eighth mile of the Sentinel Range Wilderness.

The project site is improved by a single family dwelling and a tourist accommodation as authorized by Agency Permit 2022-0067.

PROJECT DESCRIPTION

The project as conditionally approved herein involves the construction of a tourist cabin.

The project is shown on the following plans:

- The building and septic locations are depicted on a plan titled "Nordic Run Way Cabin 3 – Wastewater System Design and Layout" (Site Plan), prepared by Environmental Design Partnership, LLP, received by the Agency August 12, 2025.
- Septic details are depicted on a plan titled "Nordic Run Way Cabin 3 – Site Details" (Septic Plan), prepared by Environmental Design Partnership, LLP, received by the Agency August 12, 2025.

A reduced-scale copy of the Site Plan and Septic Plan for the project, are attached as a part of this permit for reference.

AGENCY JURISDICTION

This permit amends Condition 7 of Permit 2022-0067.

CONDITIONS

THE PROJECT IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

1. The project shall not be undertaken until this permit has been recorded in the Essex County Clerk's Office.

2. This permit is binding on the permittee, all present and future owners or lessees of the project site, and all persons undertaking all or a portion of the project. Copies of this permit and Site Plan and Septic Plan shall be furnished by the permittee to all subsequent owners or lessees of the project site prior to sale or lease, and by the permittee and/or any subsequent owner or lessee to all persons undertaking any development activities authorized herein.

3. In addition to complying with all terms and conditions of this permit, all future activities on the project site shall be undertaken in compliance with the requirements of New York State's Adirondack Park Agency Act, Freshwater Wetlands Act, and the Adirondack Park Agency's implementing regulations [9 NYCRR §§ 570-588].

4. This permit amends and supersedes Permit 2022-0067 in relation to the project site. The terms and conditions of Permit 2022-0067 shall no longer apply to the project site.

5. All deeds conveying all or a portion of the lands subject to this permit shall contain references to this permit as follows: "The lands conveyed are subject to Adirondack Park Agency Permit 2022-067B, issued August 27, 2025, the conditions of which are binding upon the heirs, successors and assigns of the grantors and all subsequent grantees."

6. Subject to the conditions stated herein, this permit authorizes the construction of one three-bedroom tourist cabin on the project site in the location, footprint, and height shown and as described on the Site Plan. Any change to the location or dimensions of any authorized structure shall require prior written Agency authorization.

7. The undertaking of any new land use or development not authorized herein on the project site within 150 feet of the edge of right-of-way of NYS Route 73 or within one-eighth mile of the Sentinel Range Wilderness shall require a new or amended permit.

8. The construction of any additional dwelling or other principal building on the project site shall require a new or amended permit. The construction of any additional tourist cabin shall require a new or amended permit. The construction of any accessory structure on the project site outside the Area of Disturbance shown on the Site Plan shall require prior written Agency authorization.

9. Construction of any guest cottage on the project site shall require prior written Agency approval.

10. Any on-site wastewater treatment system(s) on the project site installed within five years of the date of issuance of this permit shall be constructed in conformance with the location and design shown on the Site Plan and Septic Plan. Construction of the system shall be supervised by a New York State design professional (licensed engineer or registered architect). Within 30 days of complete system installation and prior to its utilization, the design professional shall provide written certification to the Agency that the system was built in compliance with the approved plans.

    No on-site wastewater treatment system shall be installed on the project site more than five years after the date of issuance of this permit except pursuant to written authorization from the Agency.

11. When brought from off-site, all equipment, including but not limited to trucks, excavators, tractors, etc., and hand excavation tools such as shovels, rakes, and picks, to be used on the project site shall be clean and free of soil, mud, or other similar material. If washed on the project site, equipment shall be washed in one location to prevent the distribution of propagules among different wash sites.

12. Any new free-standing or building-mounted outdoor lights shall employ full cut-off fixtures that are fully shielded to direct light downward and not into the sky.

13. Within 100 feet of the Area of Disturbance depicted on the Site Plan, no trees, greater than 6 inches in diameter at breast height may be cut or otherwise removed on the project site without prior written Agency authorization, except for the removal of dead or diseased vegetation, rotten or damaged trees, or any other vegetation that presents a safety or health hazard.

14. There shall be no more than five principal buildings located on the project site at any time. The the existing single family dwelling, two-bedroom tourist cabin, and the three-bedroom tourist cabin authorized herein each constitute a principal buildings. The Agency makes no assurances that the maximum development mathematically allowed can be approved.

15. Subject to the conditions stated herein, this permit authorizes the rental of the three-bedroom tourist cabin authorized herein as a tourist accommodation and the continued rental of the two-bedroom tourist cabin as a tourist accommodation. Any additional activites associated with operation of the tourist accommodation, such as the offering of events on the project site, shall require prior written Agency authorization.

16. There shall be no signs associated with the tourist accommodation without prior written Agency authorization.

CONCLUSIONS OF LAW

The Agency has considered all statutory and regulatory criteria for project approval set forth in the Adirondack Park Agency Act and 9 NYCRR Part 574. The Agency hereby finds that the subdivision/single family dwelling authorized as conditioned herein:

a. will be consistent with the land use and development plan;
b. will be compatible with the character description and purposes, policies, and objectives of the Rural Use land use area;
c. will be consistent with the overall intensity guidelines for the Rural Use land use area;
d. will comply with the shoreline restrictions of § 806 of the Adirondack Park Agency Act; and
e. will not have an undue adverse impact upon the natural, scenic, aesthetic, ecological, wildlife, historic, recreational or open space resources of the Park or upon the ability of the public to provide supporting facilities and services made necessary by the project.

PERMIT issued this 27th day of August, 2025.

ADIRONDACK PARK AGENCY

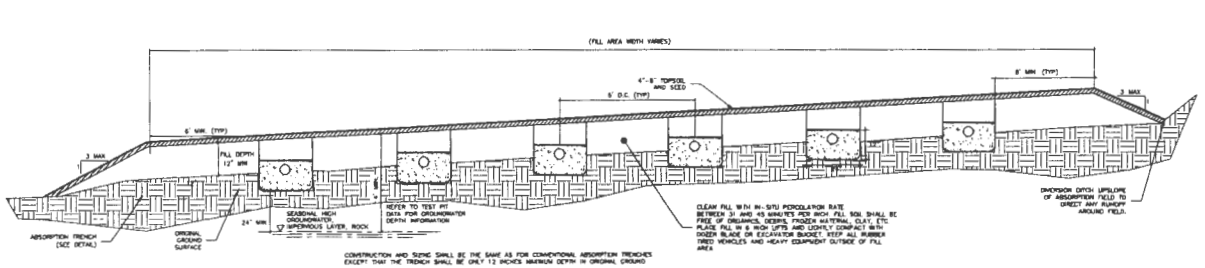
BY: _____
John M. Burth
Deputy Director, Regulatory Programs

STATE OF NEW YORK
COUNTY OF ESSEX

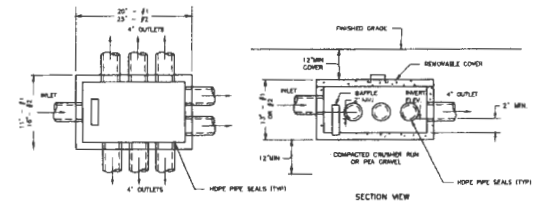
On the 27th day of August in the year 2025, before me, the undersigned, a Notary Public in and for ~~said State~~, personally appeared John M. Burth, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that they executed the same in their capacity, and that by their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Stephanie L. Petith
Notary Public. State of New York
Reg. No 01PE6279890
Qualified in Franklin County
Commission Expires April 15, 2029

Stephanie L. Petith
Notary Public

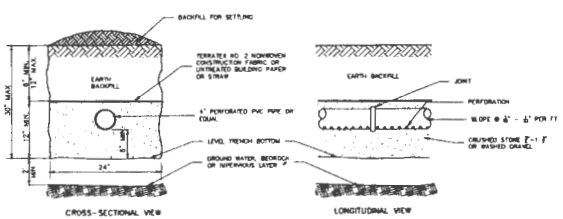


1/2 TYPICAL SHALLOW ABSORPTION TRENCH SECTION
NOT TO SCALE



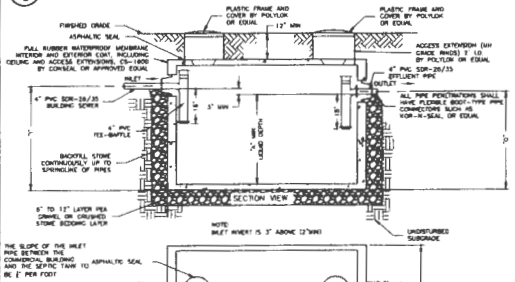
NOTES:
1. D-BOX TO BE #1 OR #2 DISTRIBUTION BOX BY FORT MILLER OR EQUAL.
2. INVERT ELEVATIONS OF ALL OUTLET PIPES MUST BE EQUAL. USE OF SPEED LEVELING DEVICES IS REQUIRED.
3. THE SLOPE OF OUTLET PIPES BETWEEN THE DISTRIBUTION BOX AND DISTRIBUTION LATERALS SHOULD BE AT LEAST 1/32" PER FOOT.
4. BAFFLE IS REQUIRED.
5. D-BOX TO BE SET ON 12" MIN. COMPACTED CRUSHER RUN (TEN #4) OR PEA GRAVEL

7/2 PRECAST CONCRETE DISTRIBUTION BOX
NOT TO SCALE



NOTES:
1) DO NOT INSTALL TRENCH IN WET SOIL
2) MAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL OR STONE
3) END OF ALL DISTRIBUTION PIPES MUST BE CAPPED
4) SLOPE DISTRIBUTION PIPE @ 1/16" - 1/32" PER FT.

2/2 STANDARD ABSORPTION TRENCH DETAIL
NOT TO SCALE

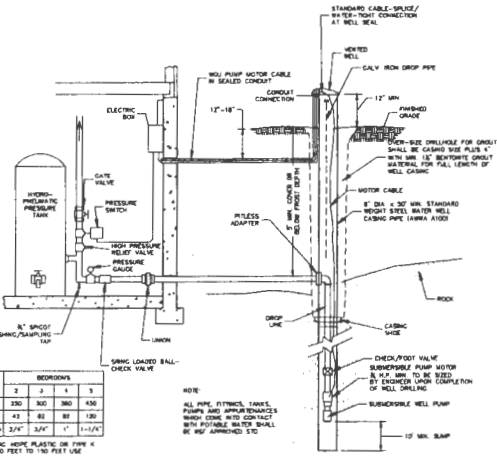


NOTES:
1. SEPTIC TANK TO BE PRE-CAST CONCRETE, AS MANUFACTURED BY FORT MILLER OR EQUAL, IF INSTALLED IN TRAFFIC AREAS, TANKS SHALL BE DESIGNED FOR H-20 LOADING.
2. CONTRACTOR TO PROVIDE SANITARY TEES IN SEPTIC TANK AS PER DETAIL.
3. ALL JOINTS MUST BE SEALED WITH BUTYL SEALANT. JOINTS BELOW THE LIQUID LEVEL MUST BE TESTED BEFORE BACKFILLING.
4. SEPTIC TANKS SHALL BE PLACED ON FIRM, COMPACT SAND OR GRAVEL BASE. WHERE EXISTING SOIL CONDITIONS ARE UNSUITABLE, CRUSHED STONE SHALL BE PLACED AS NECESSARY TO ACHIEVE A STABLE BASE.

CONCRETE REINFORCEMENT:	4000PSI ASTM A615-GRADE 60	ASTM A185-GRADE 65
EMBANKED AIR 5-6%	6"	6"
MEETS ASTM C-890		

SIZE GALLONS	INTERIOR LENGTH	INTERIOR WIDTH	WALL THICKNESS	LIQUID SURFACE AREA	OUTFLOW HEIGHT	LIQUID LEVEL	INLET HEIGHT	OUTLET HEIGHT	WEIGHTS, LBS TOP	BOTTOM	BAFFLE	TOTAL
						24"	7"	20"				
1,000	8'-2"	4'-3"	6"	28.9 SF	5'-5"	4'-0"	4'-8"	4'-5"	2,173	7,638	N/A	9,809

3/2 1000 GALLON PRECAST CONCRETE SEPTIC TANK
NOT TO SCALE

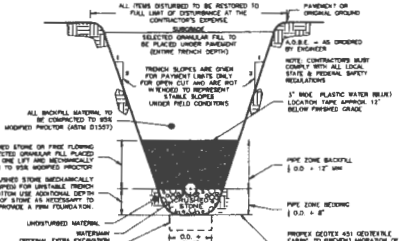


	BEDROOMS 2	3	4	5
PUMP CAPACITY, GPH	230	300	380	430
PRESSURE TANK, GALLONS INVERSE	45	60	80	120
SERVICE LINE FROM PUMP INSIDE DIA.*	3/4"	3/4"	1"	1-1/4"

*SERVICE LINE LESS THAN 30 FEET LONG: HDPE PLASTIC OR TYPE K COPPER TUBING FOR SERVICE LINES 30 FEET TO 150 FEET USE NEXT SIZE LARGER PIPE.

NOTE:
ALL PIPE, FITTINGS, TANKS, PUMPS AND APPURTENANCES WHICH COME INTO CONTACT WITH POTABLE WATER SHALL BE NSF APPROVED STD

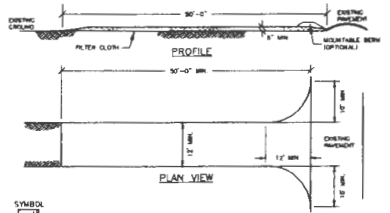
4/2 DRILLED WELL DETAIL
NOT TO SCALE



NOTES:
1) PIPE ZONE BEDDING (NORMAL SOIL CONDITIONS): SOUND, SOUND, DURABLE SAND, GRAVEL, STONE OR BLENDS OF THESE MATERIALS, FREE FROM ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 304 AND MEETING THE GRADATION REQUIREMENTS OF NYSDOT SUBBASE TYPE 4
2) PIPE ZONE BEDDING (SATURATED SOIL CONDITIONS): SELECT MIXTURE OF GRADED CRUSHED STONE, FREE FROM ORGANIC, FROZEN, OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 703-02 AND MEETING THE GRADATION REQUIREMENTS OF NYSDOT SIZE 2
3) PIPE ZONE BACKFILL: SOUND, DURABLE SAND, GRAVEL, STONE OR BLENDS OF THESE MATERIALS, FREE FROM ORGANIC, FROZEN OR OTHER DELETERIOUS MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT SECTION 304 AND MEETING THE GRADATION REQUIREMENTS OF NYSDOT SUBBASE TYPE 4
4) SUITABLE MATERIAL: SOUND, DURABLE SAND, GRAVEL, STONE OR BLENDS OF THESE MATERIALS, CONFORMING TO THE REQUIREMENTS OF NYSDOT 203-2.02C AND MEETING THE FOLLOWING GRADATION REQUIREMENTS

SIEVE	PERCENT PASSING
4"	100%
No. 40	0-70%
No. 200	0-15%

5/2 WATER TRENCH
NOT TO SCALE



SYMBOL

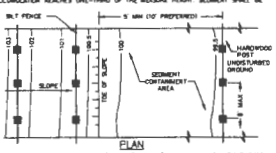
CONSTRUCTION SPECIFICATIONS
1. STONE SIZE - USE 3" CRUSHED STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS EFFECTIVE BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX(6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMAL BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL BOARDS OR OTHER APPROVED METHODS.
8. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

6/2 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

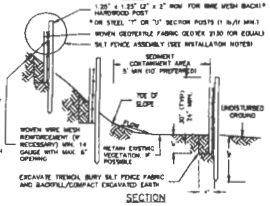
SILT FENCE GENERAL NOTES:
1. SILT FENCE SHALL BE PLACED A MINIMUM OF 5 FT. FROM TOE OF SLOPE, 10 FT. PREFERRED, TO PROVIDE ADEQUATE AREA FOR SEDIMENT STORAGE AND FACILITATE MAINTENANCE OF SEDIMENT CONTAINMENT AREA.
2. POSTS MAY BE 1.25"x1.25" (MINIMUM) HARDWOOD, TYPICALLY, FOR WIRE MESH BACK USE 2"x2" NOM. HARDWOOD, OR STEEL "T" OR "L" POSTS (1lb per ft). SILT FENCE SHALL BE WOVEN GEOTEXTILE FABRIC(GEOTEX 315ST OR EQUAL).
3. SILT FENCE ASSEMBLIES MAY HAVE 4 FT. OR 6 FT. POST SPACING, AND MAY OR MAY NOT HAVE MESH REINFORCEMENT DEPENDENT ON THE AREAS TO BE PROTECTED MAY NEED TO BE REINFORCED BY USING HEAVY WIRE FENCING FOR ADDED SUPPORT TO PREVENT COLLAPSE.
4. THE BOTTOM EDGE OF SILT FENCE SHALL BE BURIED A MINIMUM OF 6" BELOW GROUND. THE FENCE SHALL BE INSTALLED WITH THE POSTS ON THE DOWNSTREAM SIDE OF THE FABRIC.
5. MAXIMUM ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SILT FENCE PLACED ON A SLOPE ARE:

SLOPE STEEPNESS	MAXIMUM LENGTH (ft.)
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100

6. MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED ½ ACRE PER 100 FEET OF FENCE, WITH MAXIMUM PONDING DEPTH OF 1.5 FEET BEHIND THE FENCE, AND DRAINAGE WOULD OCCUR IN THE FORM OF SHEET EROSION, AND THERE IS NO CONCENTRATION OF WATER FLOWING TO THE BARRIER.
7. MEASURES SHALL BE INSPECTED EVERY SEVEN (7) CALENDAR DAYS, AFTER EACH RAINFALL OF .5" OR MORE WITHIN A 12 HOUR PERIOD, OR DAILY DURING PROLONGED RAINFALL. MEASURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.
8. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION REACHES ONE-HALF OF THE MEASURE HEIGHT. SEDIMENT SHALL BE DISPOSED OF AS UNSUITABLE MATERIAL.



SILT FENCE INSTALLATION NOTES:
1. GEOTEXTILE FABRIC AND WOVEN WIRE MESH TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



9/2 SILT FENCE
NOT TO SCALE

Adirondack Park Agency
RECEIVED
Date August 12 2025

Adirondack Park Agency
FINAL
P2022-0067B

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

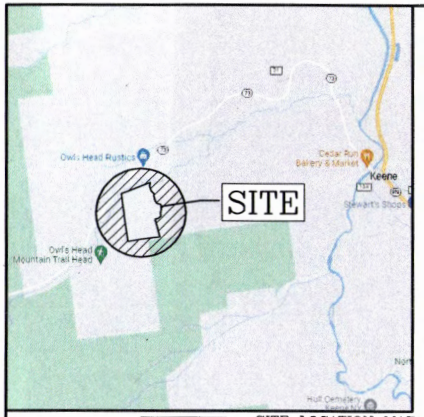
NORDIC RUN WAY CABIN 3
ELIZABETH HAIGHT AND SHANE BRUNELL
NORDIC RUN WAY
TOWN OF KEENE
ESSEX COUNTY, NEW YORK
TAX MAP ID: 53.-1-10
APRIL 28, 2022

REVISION	DATE	BY

SCALE: AS NOTED

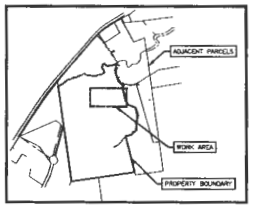
SHEET TITLE: SITE DETAILS

SHEET: 2 of 2

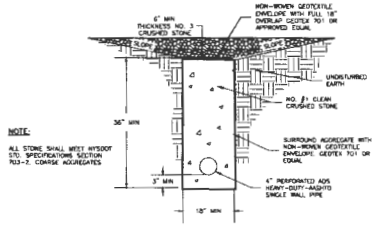


SITE LOCATION MAP
SCALE: 1" = 2000'

adirondack Park Agency
RECEIVED
Date August 12, 2025



WORK LOCATION MAP
1" = 1000'



NOTE:
ALL STONE SHALL MEET NYSDOT STD. SPECIFICATIONS SECTION 703-2, COARSE AGGREGATES

1 / 1 CURTAIN DRAIN
NOT TO SCALE

WASTEWATER DESIGN NOTES

THE WASTEWATER SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 75H OF THE NYS DOH ADMINISTRATIVE RULES AND REGULATIONS.

CELL A
NUMBER OF BEDROOMS = 3
SEPTIC TANK SIZE = 1,000 GALLON
DESIGN FLOW = 110 GAL/DAY/BR X 3 BR = 330 GPD
APPLICATION RATE = 0.5 GAL/DAY/SF
REQUIRED ABSORPTION AREA = 330 GPD / 0.5 = 660 SF
TRENCH WIDTH = 2 FT
REQUIRED TRENCH LENGTH = 660 SF/2FT = 330 FT

USE 6 TRENCHES AT 56' EACH
TOTAL TRENCH LENGTH = 336 FT

CELL B
NUMBER OF BEDROOMS = 2
SEPTIC TANK SIZE = 1,000 GALLON
DESIGN FLOW = 110 GAL/DAY/BR X 3 BR = 2220 GPD
APPLICATION RATE = 0.5 GAL/DAY/SF
REQUIRED ABSORPTION AREA = 330 GPD / 0.5 = 440 SF
TRENCH WIDTH = 2 FT
REQUIRED TRENCH LENGTH = 440 SF/2FT = 220 FT

USE 4 TRENCHES AT 56' EACH
TOTAL TRENCH LENGTH = 224 FT

CELL AB
NUMBER OF BEDROOMS = 5
SEPTIC TANK SIZE = 1,000 GALLON
DESIGN FLOW = 110 GAL/DAY/BR X 3 BR = 330 GPD
APPLICATION RATE = 0.5 GAL/DAY/SF
REQUIRED ABSORPTION AREA = 330 GPD / 0.5 = 660 SF
TRENCH WIDTH = 2 FT
REQUIRED TRENCH LENGTH = 660 SF/2FT = 330 FT

USE 6 TRENCHES AT 56' EACH
TOTAL TRENCH LENGTH = 330 FT

GENERAL SANITARY NOTES:

1. MAINTAIN 200' MINIMUM SEPARATION BETWEEN SEPTIC SYSTEM AND ANY WELL. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING WELLS PRIOR TO CONSTRUCTION.
2. MINIMUM SEPARATION BETWEEN SEPTIC TANK AND BUILDINGS SHALL BE 10 FEET.
3. MINIMUM SEPARATION BETWEEN EDGE OF TRENCHES AND TOE OF FILL (RAISED SYSTEMS) AND BUILDINGS SHALL BE 20 FEET.
4. MINIMUM SEPARATION BETWEEN PROPERTY LINE AND EDGE OF TRENCHES OR TOE OF FILL (RAISED SYSTEMS) SHALL BE 10 FEET.
5. MINIMUM SEPARATION BETWEEN WELL AND SEPTIC TANK TO BE 50 FEET.
6. ALL CONSTRUCTION TO BE IN COMPLIANCE WITH THE NEW YORK STATE SANITARY CODE
7. REQUIRED INSPECTIONS (TO BE PERFORMED BY PROFESSIONAL ENGINEER):
   A. PRIOR TO PLACEMENT OF SEPTIC TANK OR COMMENCEMENT OF THE TILE FIELD CONSTRUCTION.
   B. DURING THE INSTALLATION OF ANY REQUIRED FILL MATERIAL.
   C. PRIOR TO BACKFILLING TRENCHES.
   D. FINAL INSPECTION UPON COMPLETION OF THE SYSTEM.
8. CRUSHED STONE SHALL BE CLEAN, DURABLE AND NO SMALLER THAN OR LARGER THAN 1-1/2" DIAMETER.
9. WHEN THE TRENCHES HAVE BEEN EXCAVATED, THE SIDES AND BOTTOM SHALL BE RAKED TO SCARIFY ANY SMEARED SOIL SURFACES.
10. CONSTRUCTION EQUIPMENT NOT NEEDED TO CONSTRUCT THE SYSTEM SHOULD BE KEPT OFF THE AREA TO BE UTILIZED FOR THE ABSORPTION TRENCH SYSTEM TO PREVENT UNDESIRABLE COMPACTION OF THE SOILS.
11. EACH DISTRIBUTION LINE SHALL CONNECT NORMALLY TO THE DISTRIBUTION BOX AND EXIT AT THE SAME SLOPE FOR THE FIRST 5 FEET TO 10 FEET FROM THE BOX (1/8" PER FOOT).
12. THE DISTRIBUTION BOX SHALL BE SET LEVEL AND ARRANGED SO THAT EFFLUENT IS EVENLY DISTRIBUTED TO EACH DISTRIBUTION LINE. ADEQUATE PROVISIONS SHALL BE TAKEN TO ASSURE STABILITY AND PROVIDE ACCESS FOR INSPECTION OF THE DISTRIBUTION BOX.
13. THE PIPES CONNECTING THE DISTRIBUTION BOX TO THE DISTRIBUTION LINES SHALL BE TIGHT JOINT CONSTRUCTION LAID ON UNDISTURBED EARTH OR PROPERLY BEDDED THROUGHOUT ITS LENGTH.
14. THE SYSTEM DESIGN DOES NOT INCLUDE PROVISIONS FOR GARBAGE GRINDERS. IN THE EVENT THAT GARBAGE GRINDERS ARE TO BE INSTALLED, THE CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO SEPTIC INSTALLATION FOR NECESSARY MODIFICATIONS.
15. FOOTING DRAINS, SUMP PUMPS OR WATER SOFTENER DISCHARGES SHALL NOT BE CONNECTED INTO THE SEPTIC SYSTEM.
16. CONTRACTOR TO COMPLY WITH ALL O.S.H.A. AND OTHER STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION.
17. AS PER NEW YORK STATE INDUSTRIAL CODE 53: CALL 1-800-962-7962 TO LOCATE BURIED CABLES, OR OTHER UNDERGROUND UTILITIES, NO LESS THAN TWO, OR MORE THAN TEN WORKING DAYS, PRIOR TO SAWING, DRILLING, EXCAVATING, DRIVING POSTS, ETC.

adirondack Park Agency
RECEIVED
Date August 12, 2025

adirondack Park Agency
FINAL
P2025-0057B

SOIL DATA:

THE FOLLOWING TEST PITS WERE PERFORMED ON APRIL 19, 2022 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

TP#1 (ELEV.=1468.50)
0" – 18" TOP SOIL, ROOTS, DARK BROWN
18" – 36" FINE SANDY LOAM, FREE, ORANGE, MANY ROCKS 1"–24"
36" – 72" FINE LOAMY SAND COMPACT, GRAY, WET, MANY ROCKS 1"–24"

MOTTLING @ 36" (ELEV.=1463.50)

TP#2 (ELEV.=1473.50)
0" – 18" TOP SOIL, ROOTS, DARK BROWN
18" – 36" MEDIUM SANDY LOAM, ORANGE, MANY ROCKS 1"–24"
36" – 60" FINE SANDY LOAM, COMPACT, GRAY, WET, MANY ROCKS 1"–24"

MOTTLING @ 36" (ELEV.=1470.50)

TP#3 (ELEV.=1467.50)
0" – 12" TOP SOIL, ROOTS, DARK BROWN
12" – 36" FINE SANDY LOAM, LOOSE, ORANGE, MANY ROCKS 1"–24"
36" – 60" FINE LOAMY SAND, GRAY, WET, ROOTS

MOTTLING @ 36" (ELEV.=1464.50)

THE FOLLOWING TEST PITS WERE PERFORMED ON JUNE 26, 2025 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

TP#A (ELEV.=1470.75)
0" – 12" TOP SOIL, ROOTS, ORGANICS
12" – 36" MEDIUM/FINE SANDY, FREEABLE, DARK, TAN
36" – 65" MEDIUM/FINE SAND, COMPACT, WET, TAN

MOTTLING @ 24" (ELEV.=1468.75)

TP#B (ELEV.=1468.50)
0" – 12" TOP SOIL, ROOTS, ORGANICS
12" – 33" MEDIUM/FINE SAND, DARK/TAN, MOIST, FREEABLE
33" – 72" FINE SAND, SOME LOAM, TAN, WET, COMPACTED

MOTTLING @ 24" (ELEV.=1468.50)

THE FOLLOWING PERC TEST WERE PERFORMED ON SEPTEMBER 12, 2023 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

PT#1
DEPTH 12" BELOW EXISTING GRADE
STABILIZED AT 30 MINUTES PER INCH

PT#2
DEPTH 12" BELOW EXISTING GRADE
STABILIZED AT 33 MINUTES PER INCH

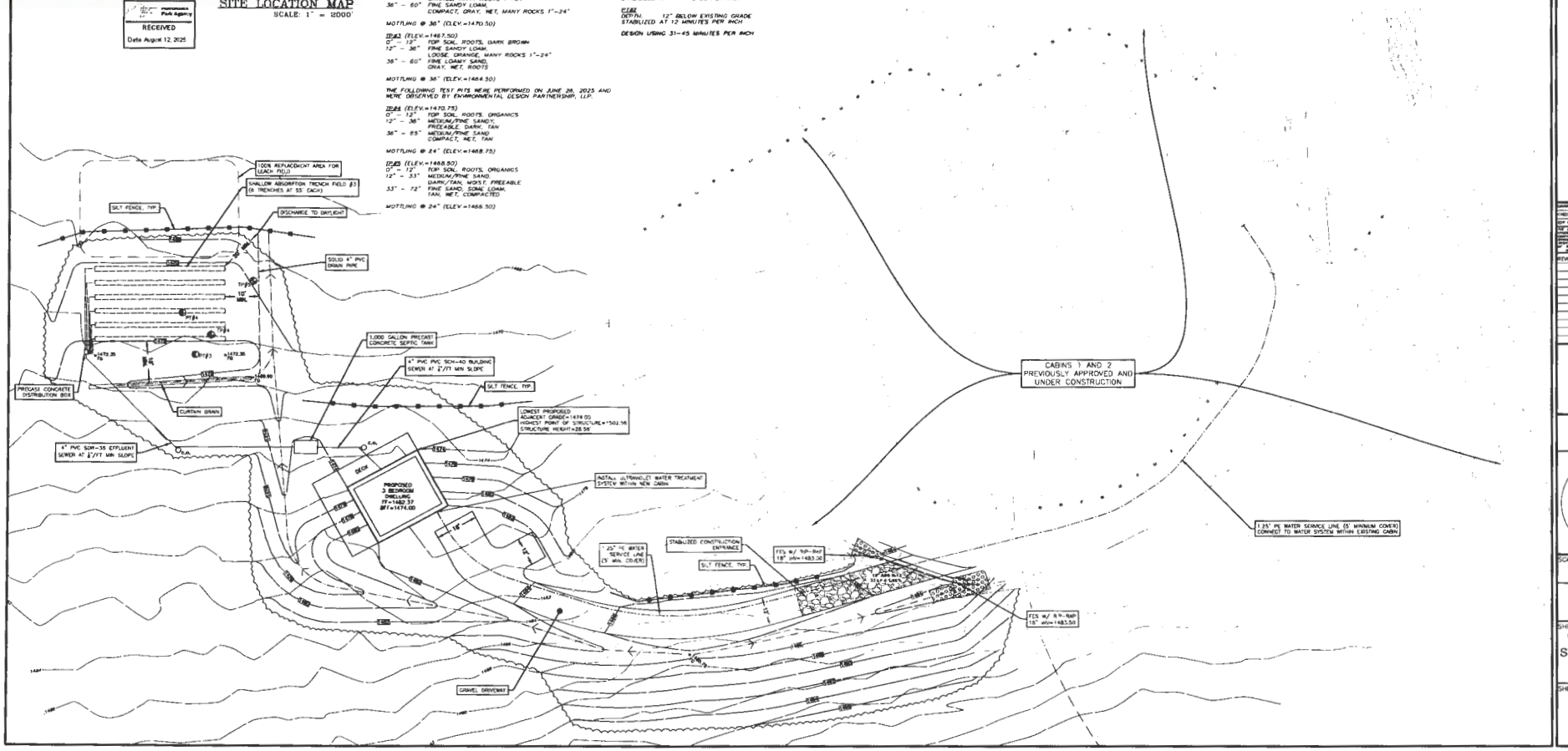
DESIGN USING 31-45 MINUTES PER INCH

THE FOLLOWING PERC TEST WERE PERFORMED ON JUNE 26, 2025 AND WERE OBSERVED BY ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.

PT#1
DEPTH 12" BELOW EXISTING GRADE
STABILIZED AT 11 MINUTES PER INCH

PT#2
DEPTH 12" BELOW EXISTING GRADE
STABILIZED AT 12 MINUTES PER INCH

DESIGN USING 31-45 MINUTES PER INCH



ENVIRONMENTAL DESIGN PARTNERSHIP, LLP
384 Rome Hill Office Park Rte. York, 12865
(518) 897-2821
eep@eep.com

NORDIC RUN WAY CABIN 3

ELIZABETH HAIGHT AND SHANE BRUNELL

NORDIC RUN WAY
TOWN OF KEENE
ESSEX COUNTY, NEW YORK

TAX MAP ID: 53.-1-10
APRIL 28, 2022

REVISION	DATE	BY

SCALE: 1" = 20'

SHEET TITLE: WASTEWATER SYSTEM DESIGN AND LAYOUT

SHEET: 1 of 2

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