TOWN OF SALISBURY
CONNECTICUT

P.O. Box 548
Salisbury, Connecticut 06068

Conservation Commission

Town of Salisbury, Conservation Commission, Application for Regulated Activity Permit

1) Applicants name: Allied Engineering Assoc., Inc.

2) Applicants home address:

3) Applicants business address: 95 Main Street, 3rd Floor, North Canaan, Connecticut 06018

4) Applicants Home Phone #: Business Phone #: 860-824-1400

5) Owner of property: Name: Agostino Galuzzo Trustee
Address: P.O. Box 1306, Lakeville, Connecticut 06069
Phone #:

Signature of property owner consenting to this application:

_____, Trustee

6) Applicants interest in the land: Engineer

7) Geographical location of property: 226 Millerton Road, Lakeville, Connecticut 06039

Description of the land: Existing single family home

Computation of wetland area or watercourse disturbance: 0 SF of Wetlands Area to be disturbed

8) Purpose and description of the proposed activity:

Construct 1 bedroom accessory structure with septic system + well

9) Alternatives considered by applicant: Leave the site as is

Why this proposal to alter wetlands was chosen: No wetlands altered

10) Site plan showing existing and proposed conditions in relation to wetlands and watercourses: (Attach map and plans to application)

11) Names and addresses of adjacent property owners: Attached on an additional document.

North:
South:
East:
West:

12) Certification that the applicant is familiar with all the information provided in the application and is aware of the penalties for obtaining a permit through inaccurate or misleading information:

Signature: _____, Trustee

13) Authorization for the commissioners and agents of the Commission to inspect the property, at reasonable times, both before and after a final decision has been issued:

Signature: _____, Trustee

14) DEEP Reporting Form 22A-39-14 provided by applicant (Rev. 3/2013)

15) Any other information the Commission deems necessary to the understanding of what the applicant is proposing:

16) Section 7.6 Requirements, if stipulated by agent

17) Filing Fee: As defined in current Regulations

18) For activities involving a significant activity as determined by the Commission and defined in Section 2 of the regulations the provisions of Article 7.6 must be submitted with the application. (Attach documents).

19) If the affected property is within 500 feet of an adjacent municipality the applicant is responsible for providing documentation that the provisions of 8.9 of the regulations have been satisfied: (Attach documents).

DATE FILED: _____

DATE RECEIVED BY COMMISSION: _____

ACTION: a) INSIGNIFICANT ACTIVITY

CONDITIONS: Excavating and re-grading a gravel drive in a Wetlands Regulated area

DATE OF APPROVAL:

b) SIGNIFICANT ACTIVITY

PUBLIC HEARING DATE:

PUBLIC HEARING DATE + 65 DAYS:

CHECK LIST:

A. PUBLIC NOTICE: DATES PUBLISHED:

B. PROOF THAT APPLICANT HAS MAILED COPIES OF PUBLIC NOTICE TO ABUTTING PROPERTY OWNERS:

C. PROOF OF PROVISIONS OF SECTION 8.2 (IF APPLICABLE):

226 Millerton Road

11) Names and addresses of adjacent property Owners:

North: N/F

Ullman Cary A Trustee

C/O: Cary Allen Ullman Living Trust

206 Millerton Road, Lakeville, CT 06039

West: Across Millerton Road

1 N/F

Moore Spencer W

3 MT Greenery Lane, Lakeville, CT 06039

2 N/F

Jasiak Dawn L Surv &

C/O: Weinberger Audrey E Surv

308 Cumberland Street, Brooklyn, NY 11238

3 N/F

11 Apple Way LLC

120 Croton Lake Road, Mount Kisco, NY 10549

4 N/F

Belcher Susan Parker Tr

5 Apple Way, Lakeville, CT 06039

5 N/F

Dittmer Marc & Elizabeth

11 Interlaken Rd, Lakeville, CT 06039

South:

1 N/F

Warnke Gordon Surv &

C/O: Batchelor Laurie Surv

P.O. Box 1961, Lakeville, CT 06039

2 N/F

Kimmelman Vivian

7 Bay Lane, Sheffield, MA 01257

3 N/F

Bender Jonathan & Julia Glade

193 Old Army Road, Scarsdale, NY 10583

Letter of Authorization

I, Susan and/or Augostino Galuzzo, the owner(s) of 226 Millerton Road, Salisbury, CT, authorize Allied Engineering Associates Inc. as my agent in signing applications on my behalf, submissions of applications and permit authorizations to The Town of Salisbury, CT Department of Transportation, Department of Energy and Environmental Protection, Local Health District, and/or any other Governing Agency that may be required in the approval of proposed work to this property.

Owners Signature: Susan J. Galluzzo

Agostino Galluzzo, Trustee

Date: 8/20/24

JAY FAIN & ASSOCIATES, LLC
Environmental Consulting Services

Jay Fain
Principal
elmst@optonline.net

Victoria Landau
Principal, ASLA
vplandau@optonline.net

2000 Post Rd., Ste. 201
Fairfield, CT 06824
203-254-3156
jfassociates@optonline.net

SOILS MAPPING & WETLAND/WATERCOURSE DELINEATION REPORT
226 MILLERTON ROAD, SALISBURY, CT 06039

PROPERTY LOCATION AND DESCRIPTION:

LAND USE: **Single Family Residence** ACRES: **6.0±**

ADDRESS: **226 Millerton Rd.**
Salisbury, CT 06039

REPORT COMPLETED FOR:

NAME: Allied Engineering Assoc. Inc.
c/o George Johannesen

MAILING ADDRESS: 395 Main St. 3rd fl. East
P.O. Box 726
North Canaan, CT 06018

WETLANDS/WATERCOURSE JURISDICTION

The Inland Wetlands and Watercourses Act (Connecticut General Statutes §22a-38) define inland wetlands as "land, including submerged land, which consists of any soil types designated as poorly drained, very poorly drained, alluvial, and floodplain." Water courses are defined in the act as "rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the state or any portion thereof."

MAPPING AND DELINEATION METHODOLOGY

Soils analysis, as described in this report, is intended as an inventory and evaluation of the existing soil characteristics on the subject property. A first order soil survey in accordance with the principles and practices noted in the USDA publication *Soil Survey Manual* (1993) was completed at the site. Soil units mapped in the field correspond with those in the USDA publication *Soil Survey of Connecticut*.

Wetland identification was based on the presence of poorly drained, very poorly drained, alluvial, or floodplain soils and submerged land (e.g. a pond). These and other soil types were identified by observation of soil morphology (soil texture, color, structure, etc.). To observe the morphology of the property's soils, numerous two-foot deep test pits and/or hand borings were completed throughout the site. Transects were located perpendicular to and at representative points along the perceived boundaries of the wetland areas identified on the property. Soil morphologies were observed at soil sampling points along the transects. Sampling began well outside the bounds of the wetland and continued towards it until inland wetland soils were observed. This point on each transect was marked (flagged) with an orange surveyor's tape labeled "Wetland Boundary". The complete boundary of every wetland area is located along the lines that connect these sequentially numbered boundary points.

Intermittent watercourses were delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: A) evidence of scour or deposits of recent alluvium or detritus, B) the presence of standing or flowing water for a duration longer than a particular storm incident, and C) the presence of hydrophytic vegetation. Surveyor's tape, which was labeled "Wetland Boundary" and sequentially numbered, was placed at critical points to demarcate the boundary of each delineated watercourse.

The wetland and watercourse boundaries are subject to change until adopted by local or state regulatory agencies.

DATE AND CONDITIONS AT TIME OF INSPECTION

DATE: September 05, 2024 INSPECTED BY: Jay Fain

WEATHER: Warm, Sunny

SOIL MOISTURE CONDITIONS: [ ] DRY [X] MOIST [ ] WET FROST DEPTH: N/A SNOW DEPTH: N/A

CERTIFICATION _____
JAY FAIN, PRINCIPAL, SOIL SCIENTIST

WETLAND/WATERCOURSE IDENTIFIED

FLAG NUMBERS	WETLAND TYPE	SOIL TYPE	COMMENTS
1 - 7	**Open Water**	-	High Water
25 - 37 50 - 58	**Intermittent Watercourse**	**Rn -** Ridgebury, Leicester, and Whitman extremely stony fine sand loams	-
78 - 114	**Intermittent Watercourse**	**Rn -** Ridgebury, Leicester, and Whitman extremely stony fine sand loams	-

SOIL MAP UNITS

Each soil map unit that was identified on the property represents a specific area on the landscape and consists of one or more soils for which the unit is named. Other soils (inclusions that are generally too small to be delineated separately) may account for 10 to 15 percent of the map unit. The mapped units are identified in the following table by name and symbol and typical characteristics (parent material, drainage class, high water table, depth to bedrock, and slope) of each unit are provided. These are generally the primary characteristics to be considered in land use planning and management. A narrative that defines each characteristic and describes their land use implications follows the table. Complete descriptions of each soil map unit can be found in the *Soil Survey of Connecticut*.

WETLAND SOILS

SOIL		PARENT MATERIAL	SLOPE %	DRAINAGE CLASS	HIGH WATER TABLE			DEPTH TO BEDROCK (in)
SYM.	NAME				DEPTH (ft)	KIND	MOS.	
Rn/3	Ridgebury, Leicester, Whitman Extremely stony fine sandy loam	Compact Glacial Till Loose Glacial Till Compact Glacial Till	0-8 0-3 0-3	Poorly Drained Poorly Drained Very Poorly Drained	0.0-1.5 0.0-1.5 0.0-0.5	Perched Apparent Perched	Nov-May Nov-May Sep-Jun	>60 >60 >60

UPLAND SOILS

SOIL		PARENT MATERIAL	SLOPE %	DRAINAGE CLASS	HIGH WATER TABLE			DEPTH TO BEDROCK (in)
SYM.	NAME				DEPTH (ft)	KIND	MOS.	
48B	Georgia & Amenia Silt Loams	Course loamy till	2-8	Moderately Well Drained	1.5 – 3.0	-	-	>72

SOIL CHARACTERISTICS: DEFINITIONS AND LAND USE IMPLICATIONS

PARENT MATERIAL: Parent material is the unconsolidated organic and mineral material in which soil forms. Soil inherits characteristics, such as mineralogy and texture, from its parent material. Glacial till is unsorted, nonstratified glacial drift consisting of clay, silt, sand and boulders transported and deposited by glacial ice. Glacial outwash consists of gravel, sand and silt, which is commonly stratified, deposited by glacial melt water. Alluvium is material such as sand, silt or clay deposited on land by streams. Organic deposits consist of decomposed plant and animal parts.

A soil's texture affects the ease of digging, filling and compacting and the permeability of a soil. Generally, sand and gravel soils, such as outwash soils, have higher permeability rates than most glacial till soils. Soil permeability affects the cost to design and construct subsurface sanitary disposal facilities and, if too slow or too fast, may preclude their use. Outwash soils are generally excellent sources of natural aggregates (sand and gravel) suitable for commercial use, such as construction subbase material. Organic layers in soils can cause movement of structural footings. Compacted glacial till layers make excavating more difficult and may preclude the use of subsurface sanitary disposal systems or increase their design and construction costs if fill material is required.

SLOPE: Generally, soils with steeper slopes increase construction costs, increase the potential for erosion and sedimentation impacts, and reduce the feasibility of locating subsurface sanitary disposal facilities.

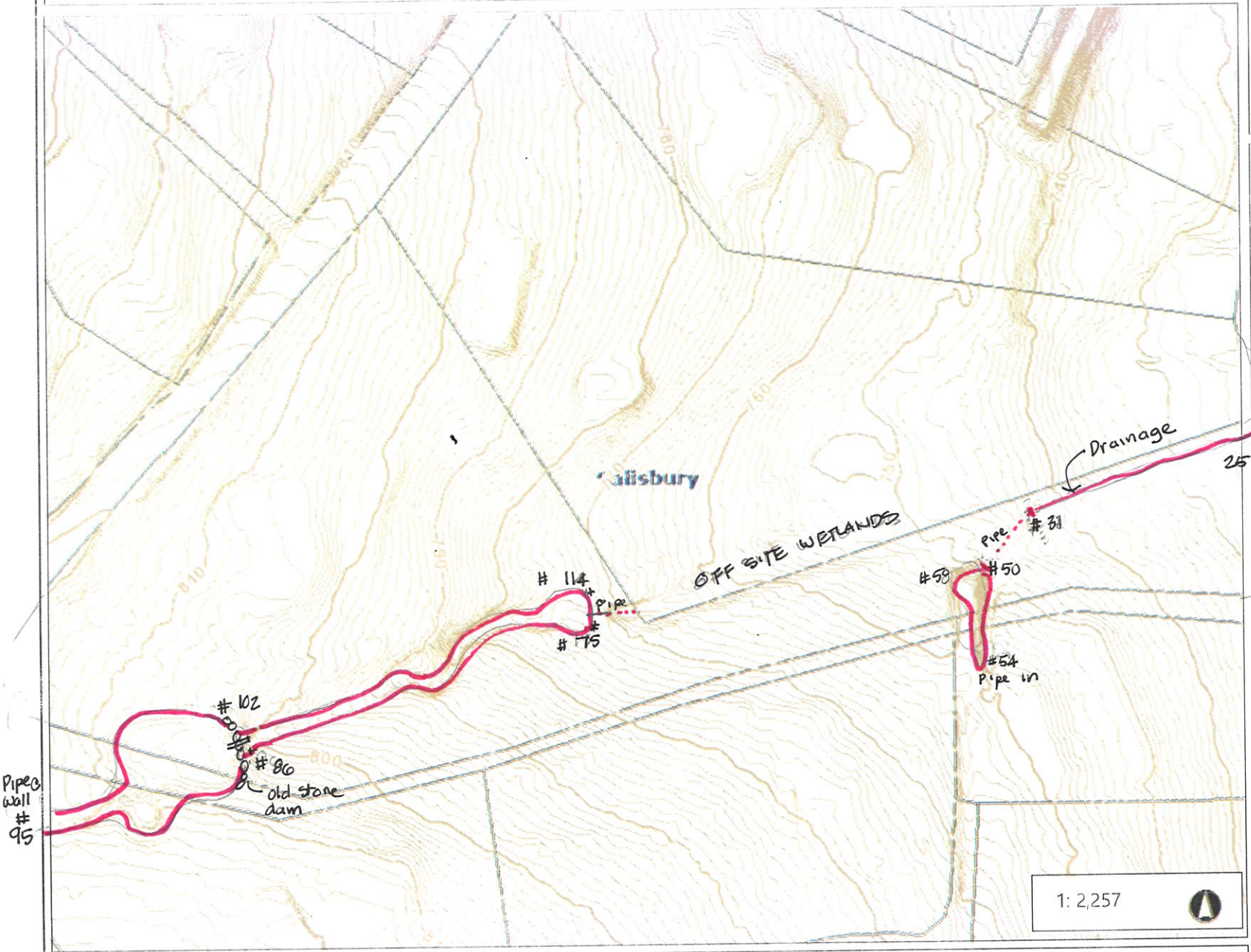
DRAINAGE CLASS: Drainage class refers to the frequency and duration of periods of soil saturation or partial saturation during soil formation. Seven classes of natural drainage classes exist. They range from excessively drained, where water is removed from the soil very rapidly, to very poorly drained, where water is removed so slowly that free water remains at or near the soil surface during most of the growing season. Soil drainage affects the type and growth of plants found in an area. When landscaping or gardening, drainage class information can be used to assure that proposed plants are adapted to existing drainage conditions or that necessary alterations to drainage conditions (irrigation or drainage systems) are provided to assure plant survival.

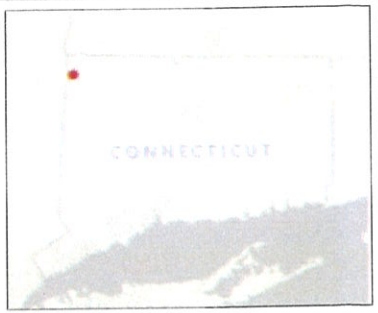
HIGH WATER TABLE: High water table is the highest level of a saturated zone in the soil in most years. The water table can affect when shallow excavations can be made; the ease of the excavations, construction, and grading; and the supporting capacity of the soil. Shallow water tables may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

DEPTH TO BEDROCK: The depth to bedrock refers to the depth to fixed rock. Bedrock depth affects the ease and cost of construction, such as digging, filling, compacting and planting. Shallow depth bedrock may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

CT Environmental Conditions Online

Map Title





Legend

- Town Boundary
- State Boundary
- Town Boundary
- Coastline
- CT Parcels (2023)
- Light Gray Canvas Base

Notes

J. F. Associates, LLC
WETLAND SKETCH MAP
226 MILLERTON RD.
SALISBURY, CT

0.1 0 0.04 0.1 Miles

THIS MAP IS NOT TO BE USED FOR NAVIGATION

This map is intended for general planning, management, education, and research purposes only. Data shown on this map may not be complete or current. The data shown may have been compiled at different times and at different map scales, which may not match the scale at which the data is shown on this map.

Soil Map—State of Connecticut, Western Part
(226 Millerton Road Salisbury, CT)

Map Scale: 1:2,370 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 35 70 140 210

Feet
0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut, Western Part
Survey Area Data: Version 1, Sep 15, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 21, 2022—Oct 27, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
48B	Georgia and Amenia silt loams, 2 to 8 percent slopes	6.2	31.5%
80B	Bernardston silt loam, 3 to 8 percent slopes	6.1	30.9%
90B	Stockbridge loam, 3 to 8 percent slopes	7.3	36.9%
W	Water	0.1	0.7%
Totals for Area of Interest		19.7	100.0%

Connecticut Department of Energy & Environmental Protection

portal.ct.gov/DEEP

1/31/2025

George Johannesen
ALLIED ENGINEERING ASSOCIATES, INC.
PO BOX 726
CANAAN, CT 06018
aea.contactus@gmail.com

Subject: 226 Millerton Road
Filing #: 124720
NDDB - New Determination Number: 202500941

Expiration Date: 1/31/2027

Location Description: Additional Apartment at 226 Millerton Road in Salisbury (Lakeville), Connecticut

I have reviewed Natural Diversity Data Base (NDDB) maps and files regarding the area of work provided for a proposed Additional Apartment at 226 Millerton Road in Salisbury (Lakeville), Connecticut. I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity at the site based upon the information contained within the NDDB.

Your submission information indicates that your project does not require a state permit, license, registration, or authorization and does not utilize state funding or involve state agency action. Therefore, this NDDB - New determination **MAY NOT** be utilized to fulfill the Endangered and Threatened Species requirements for state-issued permit applications, licenses, registration submissions, and authorizations. If, at a later date, it is determined that the project will require a state permit, license, registration, or authorization, or, your project now utilizes state funding or includes state agency action, you will need to re-submit a Request for Review and answer "Yes" to the appropriate question.

Please be aware of the following limitations and conditions:

Natural Diversity Database information includes all information regarding listed species available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, land owners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as enhance existing data. Such new information is incorporated into the Database and accessed through the ezFile portal as it becomes available. New information may result in additional review, and new or modified restrictions or conditions may be necessary to remain in compliance with certain state permits.

- During your work listed species may be encountered on site. A report must be submitted by the observer to the Natural Diversity Database promptly and additional review and restrictions or conditions may be necessary to remain in compliance with certain state permits. Please fill out the appropriate

survey form and follow the instructions for submittal.

- If your project involves preparing an Environmental Impact Assessment, this NDDB consultation and determination should not be substituted for biological field surveys assessing on-site habitat and species presence.
- The NDDB - New determination for the 226 Millerton Road as described in the submitted information and summarized at the end of this document is valid until 1/31/2027. This determination applies only to the project as described in the submission and summarized at the end of this letter. Please re-submit an updated Request for Review if the project's scope of work and/or timeframe changes, including if work has not begun by 1/31/2027.

If you have further questions, please contact me at the following:

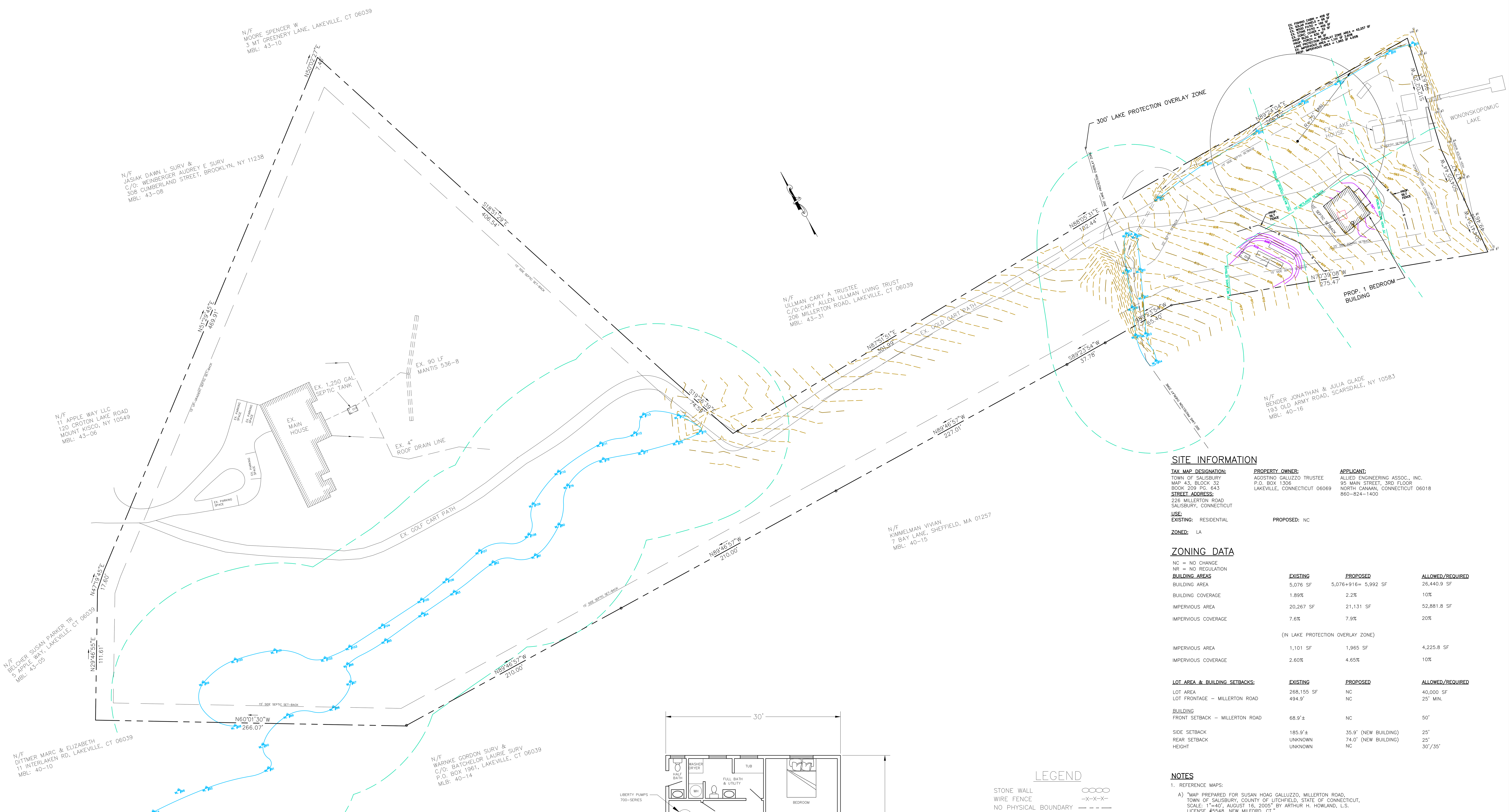
Dawn McKay
CT DEEP Bureau of Natural Resources
Wildlife Division
Natural Diversity Database
79 Elm Street
Hartford, CT 06106-5127
(860) 424-3592
Dawn.McKay@ct.gov

Please reference the Determination Number 202500941 when you e-mail or write. Thank you for consulting the Natural Diversity Data Base.

Dawn McKay
Wildlife Division- Natural Diversity Data Base
79 Elm Street
Hartford, CT 06106-5127
(860) 424-3592
Dawn.McKay@ct.gov

Application Details:

Project involves federal funds or federal permit:	No
Project involves state funds, state agency action, or relates to CEPA request:	No
Project requires state permit, license, registration, or authorization:	No
DEEP enforcement action related to project:	
Project Type:	Building and Infrastructure Development (including stormwater discharge associate with construction)
Project Sub-type:	Addition to an existing facility
Project Name:	226 Millerton Road
Project Description:	



SITE INFORMATION

TAX MAP DESIGNATION:
TOWN OF SALISBURY
MAP 43, BLOCK 32
BOOK 209 PG. 643

STREET ADDRESS:
226 MILLERTON ROAD
SALISBURY, CONNECTICUT

PROPERTY OWNER:
AGOSTINO GALUZZO TRUSTEE
P.O. BOX 1306
LAKEVILLE, CONNECTICUT 06069

APPLICANT:
ALLIED ENGINEERING ASSOC., INC.
95 MAIN STREET, 3RD FLOOR
NORTH CANAAN, CONNECTICUT 06018
860-824-1400

USE:
EXISTING: RESIDENTIAL **PROPOSED:** NC

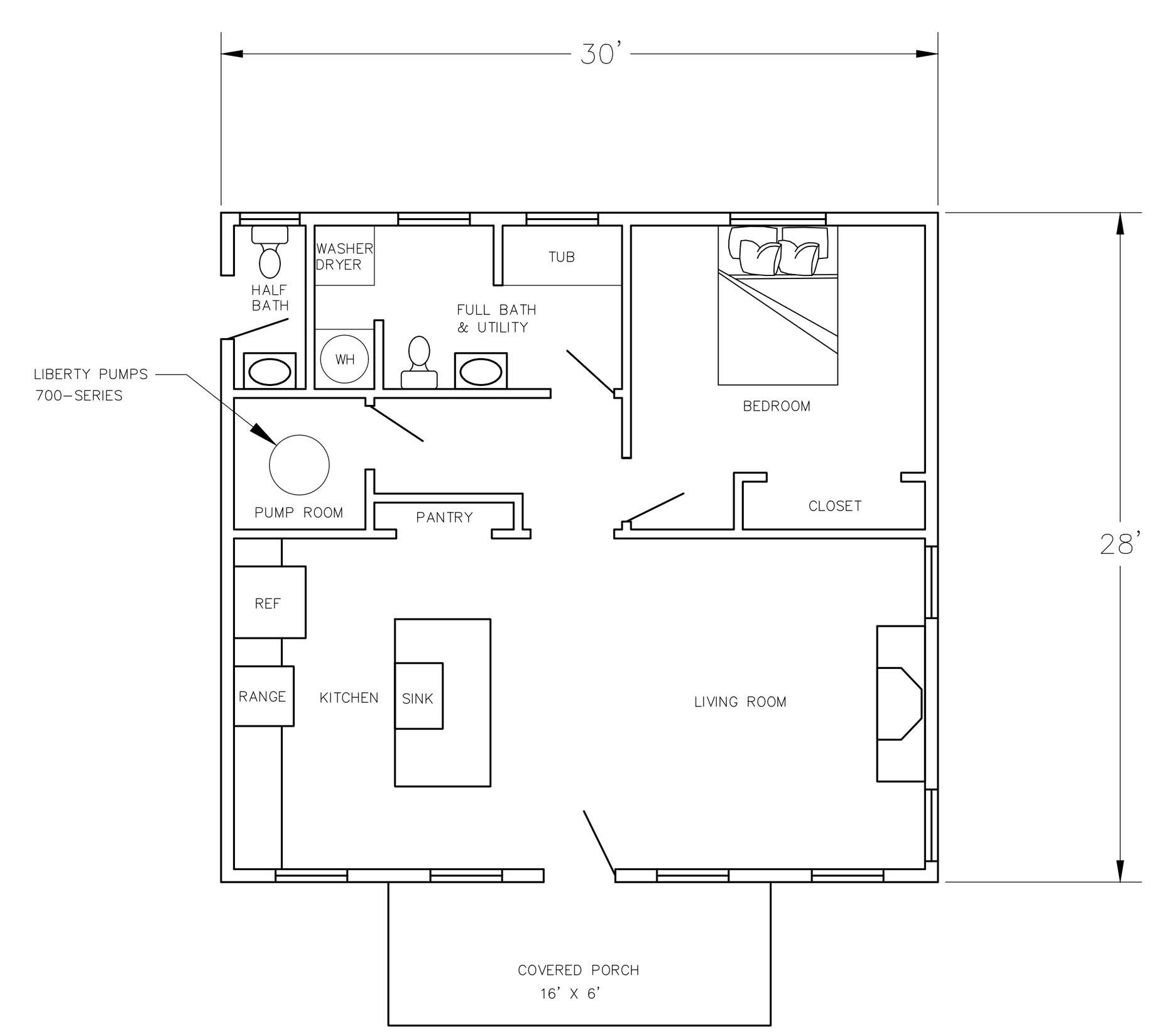
ZONED: LA

ZONING DATA

NC = NO CHANGE
NR = NO REGULATION

BUILDING AREAS	EXISTING	PROPOSED	ALLOWED/REQUIRED
BUILDING AREA	5,076 SF	5,076+916= 5,992 SF	26,440.9 SF
BUILDING COVERAGE	1.89%	2.2%	10%
IMPERVIOUS AREA	20,267 SF	21,131 SF	52,881.8 SF
IMPERVIOUS COVERAGE	7.6%	7.9%	20%
(IN LAKE PROTECTION OVERLAY ZONE)			
IMPERVIOUS AREA	1,101 SF	1,965 SF	4,225.8 SF
IMPERVIOUS COVERAGE	2.60%	4.65%	10%

LOT AREA & BUILDING SETBACKS:	EXISTING	PROPOSED	ALLOWED/REQUIRED
LOT AREA	268,155 SF	NC	40,000 SF
LOT FRONTAGE – MILLERTON ROAD	494.9'	NC	25' MIN.
BUILDING			
FRONT SETBACK – MILLERTON ROAD	68.9'±	NC	50'
SIDE SETBACK	185.9'±	35.9' (NEW BUILDING)	25'
REAR SETBACK	UNKNOWN	74.0' (NEW BUILDING)	25'
HEIGHT	UNKNOWN	NC	30'/35'



FLOOR PLAN
PROPOSED 1 BEDROOM BUILDING
SCALE: 1/8"=1'-0"

LEGEND

STONE WALL	
WIRE FENCE	-X-X-X-
NO PHYSICAL BOUNDARY	
DECIDUOUS TREE	
CONIFEROUS TREE	*
FOLIAGE LINE	
FENCE	
CATCH BASIN	
WETLAND BOUNDARY	8
EXISTING CONTOUR	
PROPOSED CONTOUR	
SILT FENCE	S
PROPOSED SPOT ELEVATION	45.0
APPROX. LIMIT OF DISTURBED AREA	
TO BE REMOVED	T.B.R.
EXISTING	EX.
GRADE TO DRAIN	G.T.D.
OBSERVATION PIT and/or PERCOLATION HOLE.	

NOTES

1. REFERENCE MAPS:
   A) "MAP PREPARED FOR SUSAN HOAG GALLUZZO, MILLERTON ROAD, TOWN OF SALISBURY, COUNTY OF LITCHFIELD, STATE OF CONNECTICUT, SCALE: 1"=40', AUGUST 16, 2005" BY ARTHUR H. HOWLAND, L.S. LICENSE #5548, NEW MILFORD, CT."
   B) TOPOGRAPHIC SURVEY DONE BY THIS OFFICE
2. ALL EXISTING SITE FEATURES SHALL REMAIN AS IS UNLESS NOTED ON DRAWINGS.
3. STATE LAW REQUIRES: CALL BEFORE YOU DIG 1-800-922-4455 TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES.
4. UTILITY INFORMATION SHOWN IS TAKEN FROM UTILITY COMPANY MAPS, OTHER MAPS, AND LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR FINAL VERIFICATION OF UTILITY LOCATIONS AFFECTING THE PROPOSED WORK. ANY DISCREPANCY BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER, THE OWNER, AND THE TOWN ENGINEER. NO CHANGES TO THE PROPOSED CONSTRUCTION CAN BE MADE WITHOUT PRIOR APPROVAL.
5. ANY ADDITIONAL EROSION/SEDIMENTATION CONTROL METHODS DEEMED NECESSARY BY TOWN STAFF SHALL BE IMPLEMENTED BY THE CONTRACTOR AT HIS OWN EXPENSE.
6. ANY EXISTING WORK OR SITE DRAINAGE STRUCTURES OR UTILITIES, OTHER THAN THOSE CALLED OUT TO BE REPLACED OR MODIFIED, WHICH ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
7. ALL CONSTRUCTION AND EXCAVATION PROCEDURES TO BE IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
8. ANY REFUSE OR DEBRIS MUST BE PROPERLY DISPOSED OF DAILY AT THE CONTRACTORS EXPENSE.
9. ELEVATIONS ARE BASED ON ASSUMED DATA.

SEAL

Allied Engineering Assoc. Inc.
95 Main St. 3rd. Flr. East
P.O. Box 726 North Canaan, Ct 06018
860-824-1400 860-824-1401 fax
aea.george@gmail.com

REVISIONS
NUMBER – DESCRIPTION – DATE – INITIAL

OVERALL SITE PLAN

PREPARED FOR:
SUSAN GALLUZZO

226 MILLERTON ROAD
LAKEVILLE, CONNECTICUT

SCALE: 1"–40'
FILE NAME: 1103–SITE–9
DATE: 1–21–2025
ISSUED FOR: PERMITTING
PROJECT NO. 1103
DRAWING NO. C–1

GENERAL NOTES

1. TOPOGRAPHY, PROPERTY LINES, DIMENSIONS AND MISCELLANEOUS INFORMATION TAKEN FROM

   A. "MAP PREPARED FOR SUSAN HOAG GALLUZZO, MILLERTON ROAD, TOWN OF SALISBURY, COUNTY OF LITCHFIELD, STATE OF CONNECTICUT, SCALE: 1"=40', AUGUST 16, 2005" BY ARTHUR H. HOWLAND, L.S. LICENSE #5548, NEW MILFORD, CT."

   B. TOPOGRAPHIC SURVEY DONE BY THIS OFFICE.

2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION. POTENTIAL PROBLEMS OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION STARTS. THIS DESIGN IS SCHEMATIC, ADJUSTMENTS TO LOCATIONS, DIMENSIONS AND ELEVATIONS OF SEPTIC TANK AND LEACHING SYSTEM MAY BE NECESSARY TO CONFORM TO FIELD CONDITIONS. CHANGES IN THE DESIGN SHALL BE APPROVED BY THE LOCAL HEALTH DEPARTMENT, THE ENGINEER OR BOTH. STATE LAW REQUIRES: CALL BEFORE YOU DIG 1-800-922-4455 TO VERIFY THE LOCATION OF UNDERGROUND UTILITIES.

3. MATERIALS USED FOR THE JOB AND CONSTRUCTION PRACTICES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL HEALTH DEPARTMENT AND/OR THE CONNECTICUT STATE DEPARTMENT OF HEALTH PUBLIC HEALTH CODE SECTION 19-13-B103 A-F.

4. SEPTIC TANK SHALL BE WATER TIGHT 1,000 GALLON PRECAST CONCRETE, 2 COMPARTMENT TANK OR LARGER. TANK SHALL BE PLACED LEVEL. TANK COVERS SHALL BE PLACARDED WITH NOTIFICATION THAT "ENTRANCE INTO THE TANK COULD BE FATAL". TANK COVERS SHALL BE EXTENDED TO GRADE WITH SUITABLE RISERS AS REQUIRED. A SECONDARY SAFETY DEVICE (SM/TECH SIT-N24) IS REQUIRED INSIDE OF EACH TANK COVER. PROVIDE H-20 LOADING IF USED UNDER DRIVEWAY OR PARKING AREA. TANK SHALL HAVE AN APPROVED NON-BYPASS EFFLUENT FILTER AT THE OUTLET. THE SEPTIC TANK SHALL BE OF THE SIZE INDICATED AND SHALL BE PRECAST REINFORCED CONCRETE AS MANUFACTURED BY A. RICHARD SEPTIC SYSTEMS, INC., TORRINGTON, CONNECTICUT OR APPROVED EQUAL. IF A GARBAGE GRINDER IS INSTALLED IN THE HOUSE THE CAPACITY OF THE SEPTIC TANK SHALL BE INCREASED BY 250 GALLONS. IF LARGE TUB IS INSTALLED IN THE HOUSE, THE CAPACITY OF THE SEPTIC TANK SHALL BE INCREASED BY 250 GALLONS FOR A 100-200 GALLON TUB OR 500 GALLONS FOR A TUB OVER 200 GALLONS.

5. PROVIDE 1'-3" MINIMUM COVER OVER SEPTIC TANK. TANKS INSTALLED IN DRIVE OR PARKING AREAS SHALL BE DESIGNED FOR H-20 LOADING.

6. ALL PIPE USED SHALL CONFORM TO STATE OF CONNECTICUT, DEPARTMENT OF HEALTH STANDARDS AND SHALL HAVE 1'-0" MINIMUM COVER OVER TOP OF PIPE.

7. THE PRECAST CONCRETE DISTRIBUTION BOX SHALL BE SET LEVEL TO PROVIDE EVEN FLOW TO BOTH SIDES. BOX SHALL BE SET ON 6" MIN. DEEP PAD OF COMPACTED GRAVEL OR 1" CRUSHED STONE.

8. THE SANITARY SEWAGE DISPOSAL SYSTEM CONSISTS OF 1 ROW GEOMATRIX GST 6218 FOR A TOTAL LENGTH OF 24 LF. 24 LF X 14.0 SF/LF=336 SF EFFECTIVE AREA PROVIDED. A 1 BEDROOM HOUSE REQUIRES 282.5 SF MIN LEACHING AREA.

9. THE BACKFILL USED IN ALL SANITARY SEWAGE DISPOSAL SYSTEM TRENCHES SHALL BE AS SPECIFIED ON PLAN OR OTHER ACCEPTABLE MATERIAL MEETING THE SPECIFICATIONS OF THE STATE OF CONNECTICUT, DEPARTMENT OF HEALTH AND/OR LOCAL HEALTH DEPARTMENT.

10. SURFACE WATER SHALL BE DIVERTED FROM THE SANITARY SEWAGE DISPOSAL SYSTEM AREA BY MEANS OF GRADING.

11. THE DEVELOPER OR OWNER OR BOTH SHALL BE RESPONSIBLE FOR ALL RIGHTS OF WAYS AND RIGHTS TO DRAIN.

12. NO SUBSURFACE INVESTIGATIONS WERE MADE OTHER THAN THOSE INDICATED. SUBSURFACE PROBLEMS ARE THE RESPONSIBILITY OF THE OWNER. THE EXACT LOCATIONS OF ANY UNDERGROUND UTILITIES ARE UNKNOWN AND ARE THE RESPONSIBILITY OF THE OWNER SHOULD ANY BE ENCOUNTERED DURING THE INSTALLATION OF THE SANITARY SYSTEM.

13. THE SEPTIC SYSTEM IS FOR SANITARY SEWAGE DISPOSAL ONLY. ALL STORM WATER, COOLING WATER, WATER SOFTENER RESIDUES, SUBSOIL DRAINAGE AND OBJECTIONABLE INDUSTRIAL WASTES ARE TO BE EXCLUDED FROM THE SYSTEM.

14. THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.

15. NO AIR CONDITIONING, REFRIGERATION, WATER SOFTENER RESIDUES, OR DRAINAGE (SURFACE OR SUBSURFACE) MAY BE CONNECTED TO THE SANITARY SEWAGE DISPOSAL SYSTEM.

16. HOUSE FOOTING DRAINS SHALL BE KEPT 25' MIN. FROM ANY PART OF THE SANITARY SEWAGE DISPOSAL SYSTEM.

17. REMOVE THE TOPSOIL IN THE AREA TO RECEIVE FILL. CARE SHALL BE TAKEN TO NOT OVERCOMPACT THE SOIL WITH HEAVY EQUIPMENT. KEEP HEAVY EQUIPMENT OFF OF THE EXPOSED SURFACE. EQUIPMENT SHALL NOT BE USED ON THE EXPOSED SURFACE AREA DURING MUDDY CONDITIONS.

18. THERE ARE NO KNOWN WELLS WITHIN 75' OF THE PROPOSED SANITARY SEWAGE DISPOSAL SYSTEM.

19. NO SUBSURFACE SEWAGE DISPOSAL SYSTEM SHALL BE CONSTRUCTED, ALTERED, REPAIRED OR EXTENDED WITHOUT AN APPROVAL TO CONSTRUCT ISSUED IN ACCORDANCE WITH THE CURRENT PUBLIC HEALTH CODE. NO DISCHARGE SHALL BE INITIATED TO A SUBSURFACE SEWAGE DISPOSAL SYSTEM WITHOUT A DISCHARGE PERMIT ISSUED IN ACCORDANCE WITH THE CURRENT PUBLIC HEALTH CODE. SUCH PERMITS AND APPROVALS SHALL BE ISSUED AND ADMINISTERED BY THE LOCAL DIRECTOR OF HEALTH.

20. WHILE THE SEWAGE DISPOSAL SYSTEM IS UNDER CONSTRUCTION, THE LOCAL DIRECTOR OF HEALTH MAY REQUIRE THAT THE CONSTRUCTION BE SUPERVISED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT, IF IN THE OPINION OF THE LOCAL DIRECTOR OF HEALTH IT IS NECESSARY TO INSURE CONFORMANCE TO THE PLANS APPROVED OR BECAUSE OF THE DIFFICULTIES LIKELY TO BE ENCOUNTERED. THE ENGINEER SHALL MAKE A RECORD DRAWING OF THE SEWAGE DISPOSAL SYSTEM, AS INSTALLED, WHICH HE SHALL SUBMIT TO THE LOCAL DIRECTOR OF HEALTH PRIOR TO THE ISSUANCE OF A DISCHARGE PERMIT.

21. THERE ARE NO SOURCES OF CONTAMINATION WITHIN 75 FT. OF PROPOSED WELL SITE.

22. THE SYSTEM MUST BE INSTALLED WHEN SOIL MOISTURE IS LOW.

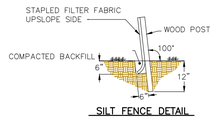
23. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING ADJACENT TO TREES.

24. "AN 'AS-BUILT' PLAN MUST BE PREPARED AND SUBMITTED TO THE LOCAL HEALTH DEPARTMENT. WITHIN 30 DAYS OF THE INSPECTION BY THE ENGINEER/SURVEYOR."

25. "FOR LEACHING SYSTEMS CONSTRUCTED WITH THE BOTTOMS IN FILL, A MINIMUM OF TWO PERCOLATION TESTS MUST BE CONDUCTED IN THE FILL MATERIAL BEFORE THE LEACHING SYSTEM CAN BE INSTALLED."

26. "NO BALLAST IS REQUIRED FOR THE SEPTIC TANK OR PUMP CHAMBER PROVIDED THAT A MINIMUM OF 1.25' OF COVER IS MAINTAINED."

27. "AN IN-PLACE SIEVE TEST OF THE 'SELECT FILL' MATERIAL ON SITE TO BE CONDUCTED AS PART OF THE FILL APPROVAL PROCESS. THE TEST RESULTS FOR A COMPOSITE SAMPLE COLLECTED BY THE ENGINEER OR TESTING LAB MUST BE PROVIDED TO THE LOCAL HEALTH DEPARTMENT PRIOR TO ISSUANCE OF THE PERMIT TO DISCHARGE."



SILT FENCE DETAIL

1. EXCAVATE 6"X6" TRENCH ON THE UPSLOPE SIDE OF THE FENCE LOCATION.
2. DRIVE SUPPORT POSTS ON THE DOWN SLOPE SIDE OF THE TRENCH TO A DEPTH OF AT LEAST 12" INTO ORIGINAL GROUND.
3. ANGLE POSTS TO DEGREES UPHILL TO OVER COMPENSATE FOR ANY SAGGING IN FENCE DUE TO PRESSURE FROM BUILT UP SEDIMENT.
4. STAPLE OR SECURE GEOTEXTILE TO THE POSTS PER MANUFACTURERS RECOMMENDATIONS SUCH THAT 6" OF FABRIC LIES IN THE TRENCH.
5. BACKFILL THE TRENCH WITH THE EXCAVATED TRENCH MATERIAL OVER THE FABRIC. TAMP TO COMPACT THE SOIL.

GEOTEXTILE SILT FENCE DETAIL

NOT TO SCALE

SOIL TEST DATA

DATE OF TESTING: 11/22/24

DP #1 0"-8" TOPSOIL & FOREST LITTER
8"-22" YELLOW BROWN FINE SILTY SANDY LOAM
22"-81" OLIVE BROWN FINE SILTY SANDY LOAM COMPACT
MOTTLING @ 22"
ROOTS TO 22"
NO WATER
NO LEDGE

DP #2 0"-8" TOPSOIL & FOREST LITTER
8"-28" YELLOW BROWN
28"-77" OLIVE BROWN
MOTTLING @ 28"
ROOTS TO 26"
NO WATER
NO LEDGE

DP #3 0"-8" TOPSOIL & FOREST LITTER
8"-21" YELLOW BROWN FINE SILTY SANDY LOAM
21"-75" OLIVE BROWN
MOTTLING @ 21"
ROOTS TO 20"
NO WATER
NO LEDGE

DP #4 0"-9" TOPSOIL & FOREST LITTER
9"-22" YELLOW BROWN
22"-76" OLIVE BROWN
MOTTLING @ 22"
ROOTS TO 26"
NO WATER
NO LEDGE

DATE OF TESTING: 11/27/24

PT #1 DEPTH: 18"
PRESOAKED @ 11:30 A.M.

2:20	6"
2:30	7 3/4"
2:40	8 7/8"
2:50	9 3/4"
3:00	10 3/8"
3:10	10 7/8"
3:20	11 1/4"

PERC. RATE: 1"/26.7 MIN.

PT #2 DEPTH: 18"
PRESOAKED @ 11:35 A.M.

2:21	5 1/2"
2:31	9 3/8"
2:41	12"
2:51	13 1/2"
3:01	14 3/8"
3:11	15"
3:21	15 5/8"

PERC. RATE: 1"/16 MIN.

SITE INFORMATION

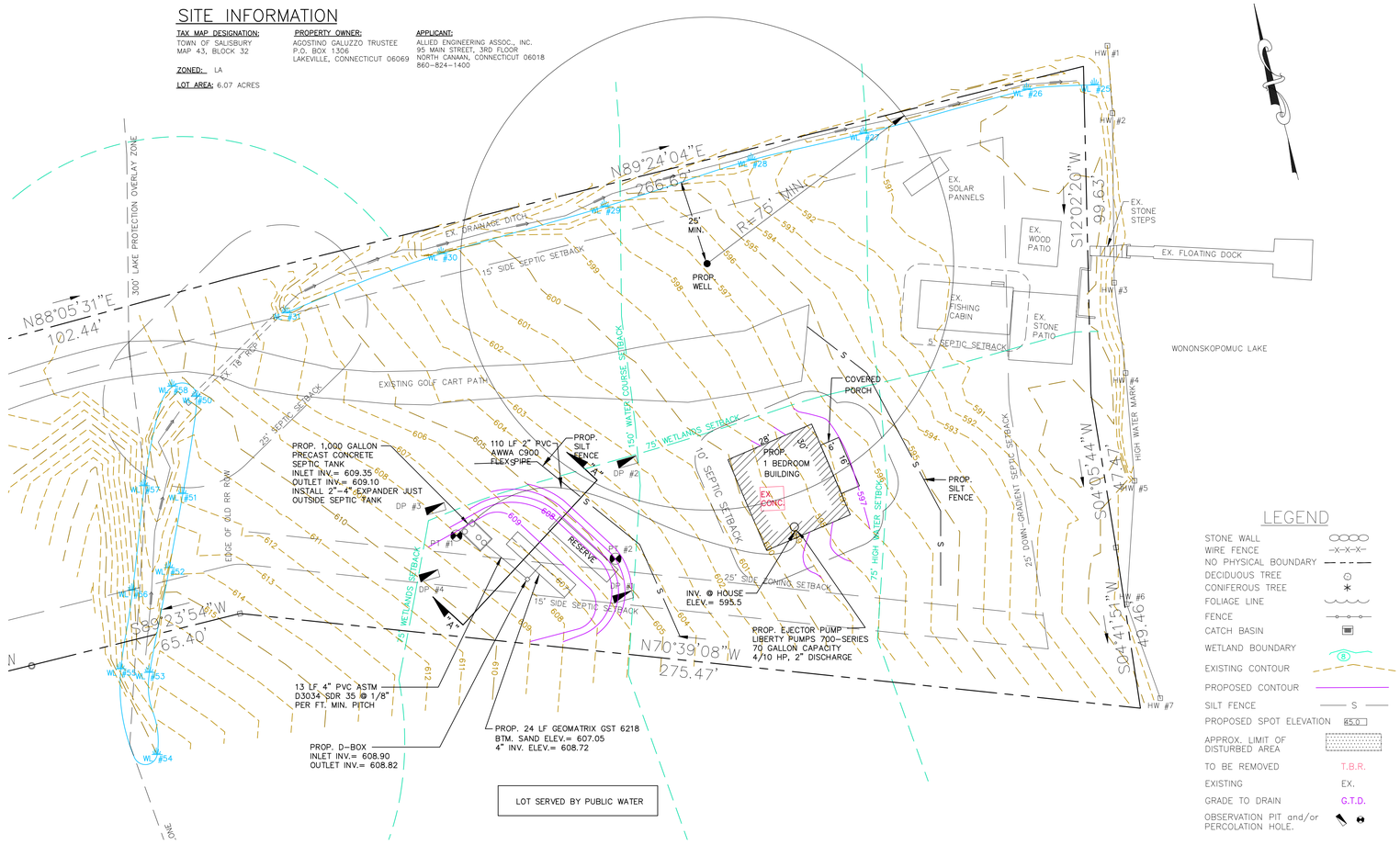
TAX MAP DESIGNATION:
TOWN OF SALISBURY
MAP 43, BLOCK 32

ZONED: LA

LOT AREA: 6.07 ACRES

PROPERTY OWNER:
AGOSTINO GALLUZZO TRUSTEE
P.O. BOX 1306
LAKEVILLE, CONNECTICUT 06069

APPLICANT:
ALLIED ENGINEERING ASSOC., INC.
95 MAIN STREET, 3RD FLOOR
NORTH CANAAN, CONNECTICUT 06018
860-824-1400



LEGEND

- STONE WALL
- WIRE FENCE —X—X—X—
- NO PHYSICAL BOUNDARY
- DECIDUOUS TREE
- CONIFEROUS TREE
- FOLIAGE LINE
- FENCE —o—o—o—
- CATCH BASIN
- WETLAND BOUNDARY (8)
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SILT FENCE —— S ——
- PROPOSED SPOT ELEVATION 85.0
- APPROX. LIMIT OF DISTURBED AREA
- TO BE REMOVED T.B.R.
- EXISTING EX.
- GRADE TO DRAIN G.T.D.
- OBSERVATION PIT and/or PERCOLATION HOLE.

DESIGN DATA

1.	NUMBER OF BEDROOMS	= 1 (150 GPD)
2.	SEPTIC TANK SIZE REQUIRED AND PROVIDED	= 1,000 GALLON
3.	PERCOLATION RATE USED FOR DESIGN	= 1" PER 20.1 TO 30 MINUTES
4.	EFFECTIVE LEACHING AREA REQUIRED	= 282.5 SQ. FT.
5.	LINEAR FEET OF GEOMATRIX GST 6218 REQUIRED.	= 282.5 SQ. FT./ 14 SQ. FT. PER LIN. FT. = 20.19 LIN. FT.
6.	LINEAR FEET OF GEOMATRIX GST 6218 PROVIDED.	= 24 LIN. FT.
7.	MLSS = HF x FF x PF SLOPE = 12.01% RESTRICTIVE LAYER = 18"	= 28 x .5 x 1.5 = 21

NOTE: IF A GARBAGE DISPOSAL OR HOT TUB IS TO BE INSTALLED IN THE PROPOSED HOUSE, IT IS RECOMMENDED THAT THE SEPTIC TANK SIZE BE INCREASED

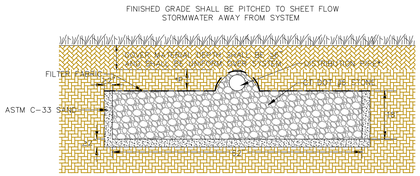
C-33 FILL SAND MATERIAL SPECS

1. SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE. UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON
2. THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
3. THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
4. THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SELECT FILL SIEVE SIZE	PERCENT PASSING WET SIEVE	PERCENT PASSING DRY SIEVE
#4	100%	100%
#10	70-100%	70-100%
#40	10-50%*	10-75%
#100	0-20%	0-5%
#200	0-5%	0-2.5%

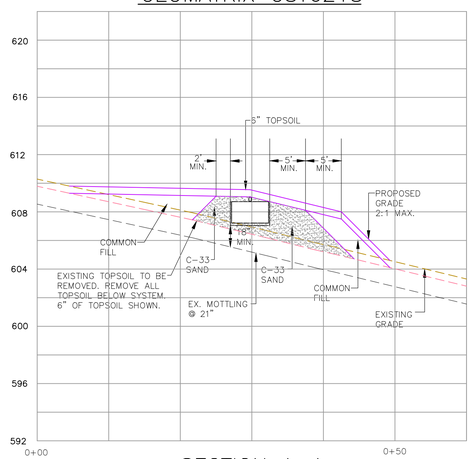
C 33 SIEVE SIZE	PERCENT PASSING
0.375"	100%
#4	95.0-100%
#8	80.0-100.0%
#16	50.0-85.0%
#30	25.0-60.0%
#50	5.0-30.0%
#100	< 10%
#200	< 5%

*PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%. IF THE FILL FAILS THE DRY SIEVE BUT PASSES THE WET SIEVE, THEN THE FILL SHALL BE APPROVED.

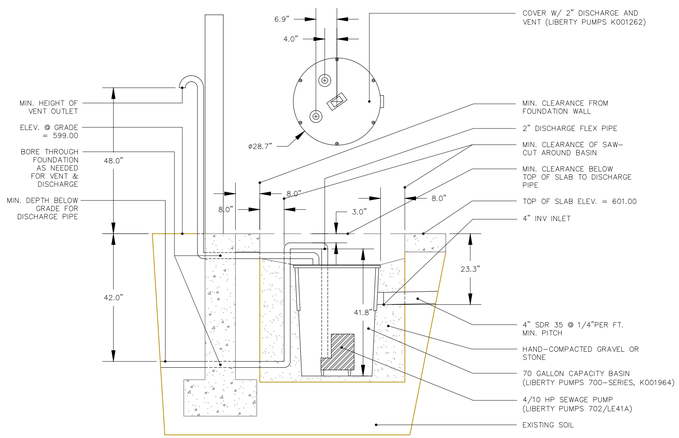


GEOMATRIX GST6218 LEACHING SYSTEM DETAIL
B-B CROSS SECTION
(NOT TO SCALE)

GEOMATRIX GST6218



SECTION A-A
HORIZ. SCALE: 1"=10'
VERT. SCALE: 1"=5'



700-SERIES PRE-ASSEMBLED SIMPLEX
SEWAGE PUMP DETAIL
(NOT TO SCALE)

Allied Engineering Assoc. Inc.
95 Main St. 3rd. Flr. East
P.O. Box 726 North Canaan, CT 06018
860-824-1400 Fax 860-824-1401
aea.georges@gmail.com

SEAL

REVISIONS NUMBER - DESCRIPTION - DATE - INITIAL

PROPOSED SANITARY SEWAGE DIDSPOSAL SYSTEM DESIGN PLAN
PREPARED FOR:
SUSAN GALLUZZO
226 MILLERTON ROAD
LAKEVILLE, CONNECTICUT

SCALE: 1"=20'
FILE NAME: 1103-SITE-9
DATE: 1-21-2024
ISSUED FOR: PERMITTING
PROJECT NO. 1103
DRAWING NO. C-2

C:\draw\1103-SITE-11.dwg, 4/10/2025 3:30:19 PM, 1:20