TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS

PROJECT NAME:	**PERUGINO 2 LOT SUBDIVISION**
PROJECT NO.:	**24-2**
PROJECT LOCATION:	**SECTION 14, BLOCK 1, LOT 150.2**
REVIEW DATE:	**12 JULY 2024**
MEETING DATE:	**18 JULY 2024**
PROJECT REPRESENTATIVE:	**NOSEK SURVEYING**

1. The project is before the Board for a Public Hearing for the 2-lot subdivision. One new residential lot is proposed with the balance parcel remaining vacant.

2. The Planning Board declared a Negative Declaration for this Type I Action. The project is located in the Town's Critical Environmental Area Chadwick Reservoir Environs.

3. This office has reviewed provisions for water and sewer on the site and take no exception to the design plans proposed.

4. The project requires a driveway access permit from the Town Highway Superintendent prior to issuance of a building permit.

Respectfully submitted,

MHE Engineering, D.P.C.

Patrick J. Hines
Principal
PJH/ltm/kbw

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March 23, 2024

Town of Newburgh Planning Board
21 Hudson Valley Professional Plaza
Newburgh, NY 12550

Attn: John Ewasutyn, Chairman

Re: Perugino 2-Lot Subdivision
Travis Lane
Town of Newburgh, Orange County, N.Y.

Dear Mr. Ewasutyn,

Pursuant to the technical review comments from MHE, Town Engineer dated January 23, 2024, attached please find revised plans to depict the following changes per their review:

1. So noted. No comment.

2. Plans were personally delivered to the Highway Superintendent's office on February 2, 2024.

3. As noted at the previous meeting, the wire fence denotes the area used for planting corn by the owner.

4. A completed long form EAF was previously submitted and is attached.

5. The sewage disposal system is now completed on the plans.

6. The plans were sent to the OCPD. It has been more than 30 days and we have not received any comments.

7. The bulk table has been updated accordingly.

8. The bulk table has been updated to show compliance with Section 185-22 specifically with regards to compliance with land activities and site development maximum coverage. Erosion control silt fencing and stabilized construction entrance is now also shown.

We have also sent out all certified mailings for the notification of proposed development and future public hearing.

Please feel free to contact me regarding any questions that you may have. Please place this matter on the next available planning board meeting.

Thank you in advance.

Sincerely,

John V. Nosek, P.E.,
Nosek Engineering

Cc: Brooke Perugino

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Perugino 2-Lot Subdivision		
Project Location (describe, and attach a general location map): Travis Lane and Mountain View Avenue, Town of Newburgh		
Brief Description of Proposed Action (include purpose or need): Applicant proposes to subdivide 11.2 acres into one 2.6 acre single family residential building lot plus remaining lands of 8.6 acres. Lot will be serviced by individual well and septic system. Access is proposed off of Travis Lane.		
Name of Applicant/Sponsor: Brooke Perugino	Telephone: 845-863-7075 E-Mail: brooke.perugino@aol.com	
Address: 22 Travis Lane		
City/PO: Newburgh	State: NY	Zip Code: 12550
Project Contact (if not same as sponsor; give name and title/role): John V. Nosek, PE, Nosek Engineering	Telephone: 845-926-7790 E-Mail: nosekengineering@hotmail.com	
Address: 2245 Albany Post Road		
City/PO: Walden	State: New York	Zip Code: 12586
Property Owner (if not same as sponsor): Robert and Linda Travis	Telephone: NA E-Mail: NA	
Address: 24 Travis Lane		
City/PO: Newburgh	State: New York	Zip Code: 12550

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes☐No		
b. City, Town or Village Planning Board or Commission ☑Yes☐No	Subdivision Approval	December 2023
c. City, Town or Village Zoning Board of Appeals ☐Yes☐No		
d. Other local agencies ☐Yes☐No		
e. County agencies ☐Yes☐No		
f. Regional agencies ☐Yes☐No		
g. State agencies ☐Yes☐No		
h. Federal agencies ☐Yes☐No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☐No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐Yes☑No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes☑No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
RR Residential Zone

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Wallkill School District

b. What police or other public protection forces serve the project site?
Town of Newburgh

c. Which fire protection and emergency medical services serve the project site?
Cronomer Valley Fire District

d. What parks serve the project site?
Chadwick Lake PArk

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Residential Subdivision

b. a. Total acreage of the site of the proposed action? 9.5 acres
b. Total acreage to be physically disturbed? 0.4 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 9.5 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☑ Yes ☐ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
Residential - one new single family home
ii. Is a cluster/conservation layout proposed? ☐ Yes ☑ No
iii. Number of lots proposed? 2
iv. Minimum and maximum proposed lot sizes? Minimum 2.6 Acres Maximum 6.9 Acres

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: _____ months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☑Yes ☐No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	1			
At completion of all phases	1			

g. Does the proposed action include new non-residential construction (including expansions)? ☐Yes ☑No

If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐Yes ☑No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐Other specify:

_____

iii. If other than water, identify the type of impounded/contained liquids and their source.

_____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐Yes ☑No

If Yes:

i .What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

_____

_____

iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No

If yes, describe. _____

_____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐Yes ☐No

ix. Summarize site reclamation goals and plan: _____

_____

_____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

_____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No
If Yes, describe:

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☐No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No
If Yes:

i. Total anticipated water usage/demand per day: 400 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐Yes ☑No
If Yes:

- Name of district or service area:
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☐No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district:

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes ☐No
If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: 5 gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes ☐No
If Yes:

i. Total anticipated liquid waste generation per day: 400 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
sanitary wastewater

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐Yes ☑No
If Yes:

- Name of wastewater treatment plant to be used:
- Name of district:
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes☑No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

individual on-site subsurface septic system

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes☑No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐Yes☑No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes☐No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☐Yes ☐No

If yes:

i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐Yes ☐No

Describe:

n. Will the proposed action have outdoor lighting? ☐Yes ☑No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐Yes ☐No

Describe:

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐Yes ☑No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐Yes ☑No

If Yes:

i. Product(s) to be stored

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐Yes ☑No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction:
- Operation:

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction:
- Operation:

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.0	0.4	+0.4
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	9.5	9.1	-0.4
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐Yes ☑No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐Yes ☑No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐Yes ☑No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐Yes ☑No

If Yes:

i. Has the facility been formally closed? ☐Yes ☐No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐Yes ☑No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐Yes ☑No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐Yes ☐No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐Yes ☑No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☐ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 6 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site: MdC 100 %
_____ %
_____ %

d. What is the average depth to the water table on the project site? Average: 6+ feet

e. Drainage status of project site soils: ☑ Well Drained: 80 % of site
☑ Moderately Well Drained: 20 % of site
☐ Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: ☑ 0-10%: 10 % of site
☑ 10-15%: 90 % of site
☐ 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☐ Yes ☑ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐ Yes ☑ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____

n. Does the project site contain a designated significant natural community? ☐Yes ☑No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑No

If Yes:

i. Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐Yes ☑No

If Yes:

i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐Yes ☐No

If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☐No

i. If Yes: acreage(s) on project site? _____

ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑Yes ☐No

If Yes:

i. CEA name: Chadwick Lake Reservoir

ii. Basis for designation: Development threat to public health

iii. Designating agency and date: Agency:Newburgh, Town of, Date:5-21-87

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☐Yes ☐No

If Yes:

i. Nature of historic/archaeological resource: ☐Archaeological Site ☐Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based:

_____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐Yes ☑No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐Yes ☐No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐Yes ☐No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐Yes ☑No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐Yes ☐No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

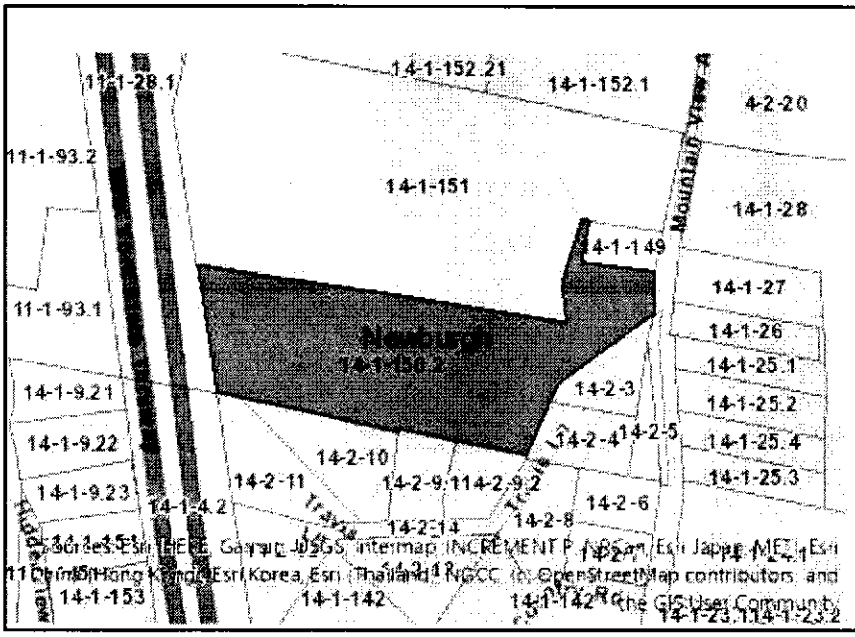
Applicant/Sponsor Name JOHN V. NOSEK, PE Date February 2, 2024

Signature John V. Nosek Title PROJECT ENGINEER

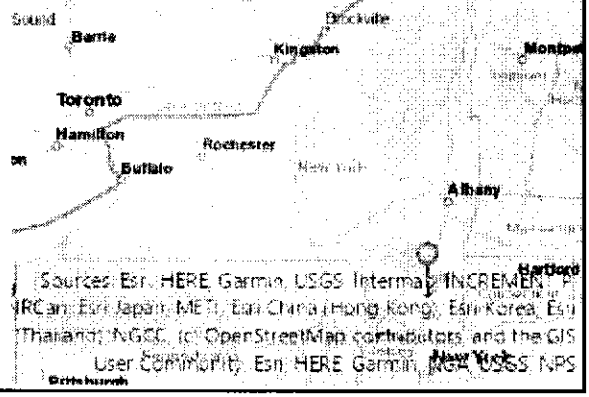
PRINT FORM

EAF Mapper Summary Report

Saturday, February 3, 2024 9:30 AM

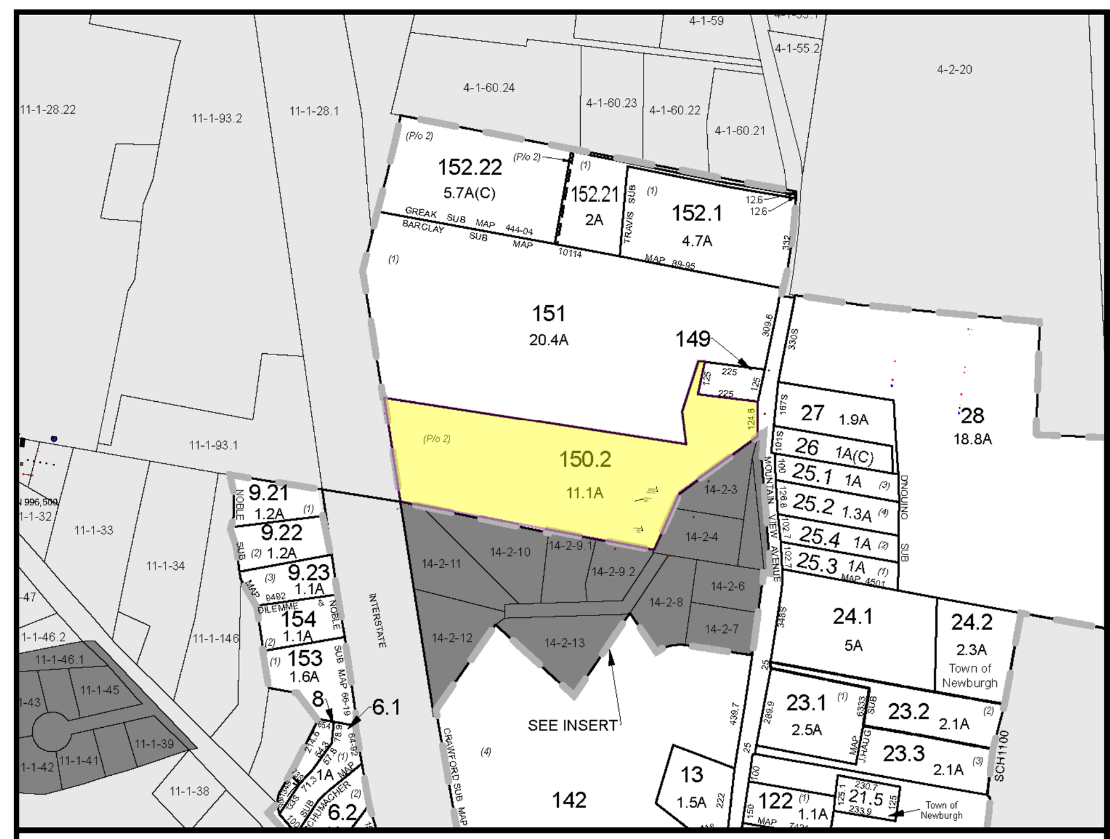


Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No

E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	Chadwick Lake Reservoir
E.3.d.ii [Critical Environmental Area - Reason]	Development threat to public health
E.3.d.iii [Critical Environmental Area – Date and Agency]	Agency:Newburgh, Town of, Date:5-21-87
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No



location map

OWNERS ENDORSEMENT 14-1-150.2

I hereby consent to the information depicted on this Subdivision Plan and all conditions noted thereon. I agree to the filing of this Plan by the Planning Board.

Robert Travis — Date
24 Travis Ln
Newburgh NY 12550

Linda Travis — Date
24 Travis Ln
Newburgh NY 12550

TOWN OF NEWBURGH PLANNING BOARD ENDORSEMENT

Approved by resolution of the Planning Board subject to the conditions and requirements of said resolution.

Any change, erasure, modification or revision of this plan as approved shall void this approval.

Planning Board Chairman — Date

ZONING SCHEDULE

ZONE: RR(USED FOR DESIGN)

	RR-REQUIRED	PROPOSED LOT 1	PROPOSED LOT 2	AR-REQUIRED
MINIMUM LOT AREA	2ac	2.62ac	8.54ac	40,000 s.f.
MINIMUM YARDS (feet)				
FRONT	60'	160'	50'min.	50'
REAR	100'	100'	50'min.	50'
SIDE				
ONE	50'	104'	50'min.	30'
BOTH	100'	270'	80'min.	80'
MINIMUM LOT WIDTH (feet)	200'	346'	381'	150'
MINIMUM LOT DEPTH (feet)	300'	316'	743'	150'
MAXIMUM SURFACE COVERAGE (%)	10%	10%	<10%	10%
MAXIMUM BUILDING HEIGHT	35'	<35'	<35'	35'
MAXIMUM BUILDING COVERAGE (%)	10%	3%	<10%	20%
MINIMUM HABITABLE FLOOR AREA	1,500sf	>1,500sf	>1,500sf	1,500sf

Applicant:
Brooke Perugino
22 Travid Lane
Newburgh, NY 12550

Legend

- property line existing
- property line proposed
- property line adjoining
- stonewalls
- building setbacks
- existing private road ROW

NOTE:
Basis Of Bearings:
The horizontal Datum is the North American Datum of 1983 (NAD83). The project baseline bearing reference for Grid North was established by GPS observation performed on date, 2023. The subject property lines are as per the latest record Deed and aligned to this datum.

SURVEYOR'S NOTES:

2. Unauthorized alteration of an item in any way, or addition to a survey map for any person, unless acting under the direction of a licensed land surveyor, is a violation of section 7209, subdivision 2, of the New York State Education Law.
3. **Only maps bearing the surveyor's *signature overlaid with embossed seal* are genuine true and correct copies of the surveyor's original work and opinion. Anything other than copies with an embossed-seal and signature may contain unauthorized and undetectable modifications, deletions, additions, and changes, and are not to be relied upon. A copy of this document without a proper application of the surveyor's embossed seal should be assumed to be an *unauthorized copy*.**
4. Certifications on this map signify that the map was prepared in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. The certification is limited to persons for whom the map is prepared, to the title company, to the governmental agency, and to the lending institution listed on this map.
5. The certifications herein are not transferable.
6. The location of underground improvements or encroachments are not always known and often must be estimated. If any underground improvements or encroachments exist or are shown, the improvements or encroachments are not covered by this certificate.
7. This survey is subject to the findings of a Title Report and or Title Search.
8. Surveyed as per deeds, prior survey maps, filed maps, physical evidence and existing monumentation found at the site.
9. Subject to any conditions, restrictions, covenants and/or right-of ways/easements of record, if any.

CERTIFICATION NOTES:
This certification is made only to named parties for purchase and/or mortgage of herein delineated property by named purchaser. No responsibility or liability is assumed by surveyor for use of survey for any other purpose including, but not limited to, use of survey for survey affidavit, resale of property, or to any other person *not* listed in certification, either directly or indirectly, the setting of fences and/or any other structures in or near the property lines. Unless indicated otherwise, property corners were not set.

SURVEYORS' CERTIFICATION:
I hereby certify to the hereon listed parties that this survey was performed in accordance with the NYS Minimum Technical Standards Section 6 Rural class and represents the results of an actual *on the ground field survey*, per record description, of the land shown hereon, located at Mountain View Avenue in the Town of Newburgh, County of Orange, State of New York. Completed on June 30th, 2023, performed in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc., and is to the best of my knowledge, belief and information, accurate and correct. Except as shown hereon: "there are no encroachments either way across property lines; title lines and lines of actual possession are the same".

Signature — Date

Jonathan N. Millen, LLS
1229 Route 300 - Suite 3
Newburgh, NY 12550

REFERENCES:

1. The Official Tax Assessor's Maps for the Town of Newburgh, Orange County, New York .
2. Various Deeds of Record - Liber and Page or Document ID as shown:
3. Subject parcel being Lot 2 as shown on a map entitled, "A Subdivision of Lands of Nora R. Barclay", filed in the Orange County Clerk's Office on 12-21-1990 as Filed Map No. 10114.
4. A map entitled, "Subdivision of Lands for John R. Chivattoni & Karen N. Chivattoni", filed in the Orange County Clerk's Office on 10-30-1987 as Filed Map No. 8564.
5. A map entitled, "Lands of Travis & Barclay", filed in the Orange County Clerk's Office on 03-20-2001 as Filed Map No. 51-01.
6. A map entitled, "Proposed Subdivision of Lands of William J. Carrig Jr.", filed in the Orange County Clerk's Office on 05-19-1987 as Filed Map No. 8284.

DATE	REVISION
DATE	REVISION
DATE	REVISION
DATE	REVISION
DATE	REVISION
DATE	REVISION
DATE	REVISION
DATE	REVISION
03/29/24	per PB comments and Town Enginner Comments dated January 23, 2024

Sheet 1 of 3

John V. Nosek, P.E.
PROFESSIONAL ENGINEER N.Y. LIC. No. 069497
JOHN V. NOSEK, P.E.

Jonathan N. Millen, LLS
PROFESSIONAL LAND SURVEYOR N.Y. LIC. No. 050746
JONATHAN N. MILLEN, L.L.S.

Proposed subdivision
of the lands of
Robert Travis and Linda Travis

NOSEK ENGINEERING
2245 ALBANY POST ROAD,
WALDEN, NEW YORK 12586
845.926.7790

Prepared For Tax Map Parcel
14-1-150.2
aka Mountain View Avenue
situated in the
Town of Newburgh
County of Orange , New York 12550

DATE: 01-09-2024 | SCALE: 1"=50' | JOB No. 23019PER | DRAWN BY: rbm

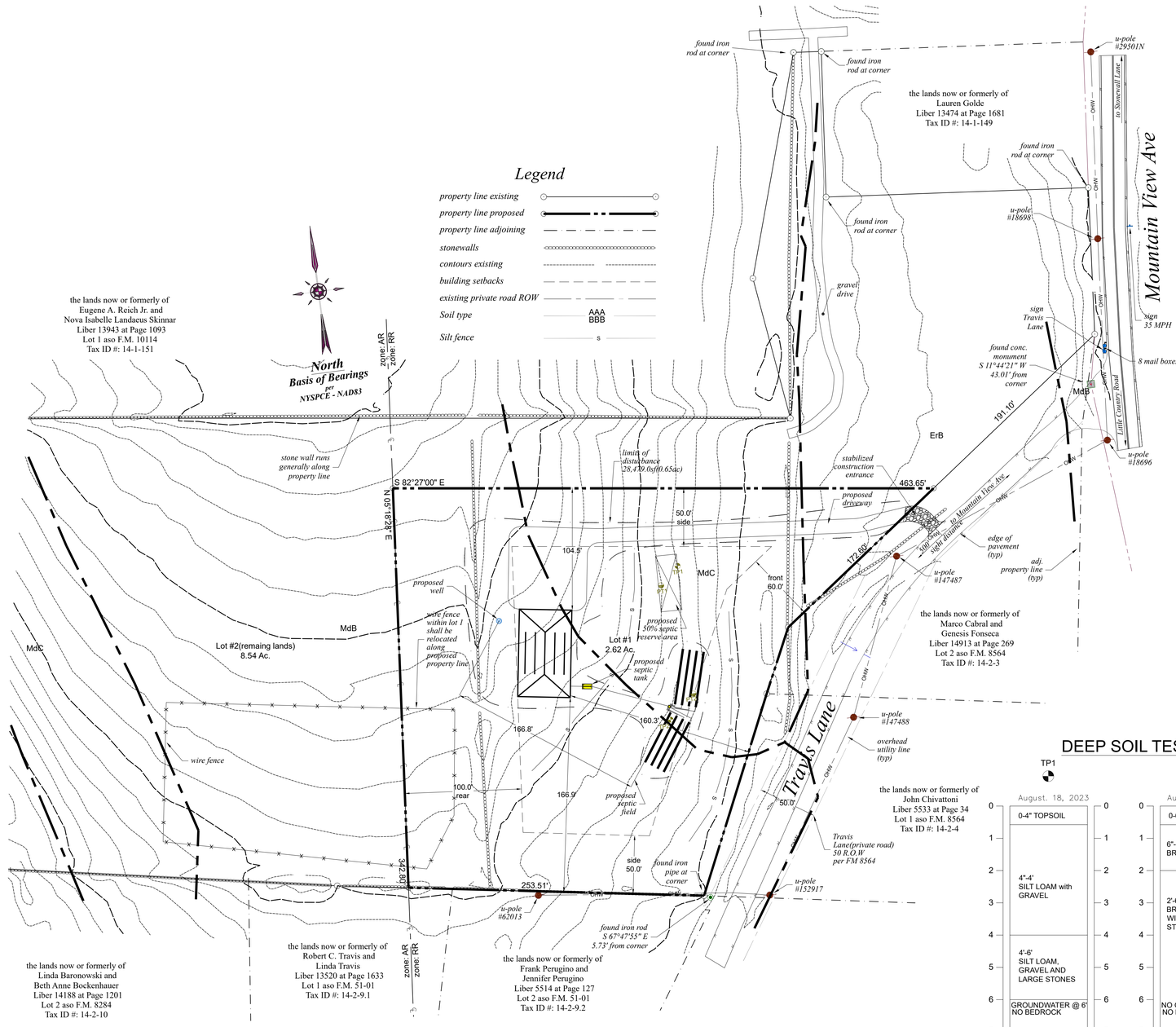
EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MATTER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE VEGETATION, TOPOGRAPHY AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE.
3. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.
4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.
5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION.
6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.
7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.
8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR RESTRICTING WATERCOURSES.
9. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL.
10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF STANDARD PROCTOR WITH PROPER MOISTURE CONTROL.
11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTICIPATED FLOWS, BOTH WITHIN THE SITE AND FROM THE ENTIRE UPSTREAM DRAINAGE BASIN.
15. SUFFICIENT GRADES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS AND SEDIMENT, DEBRIS AND RETENTION BASINS.
17. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

CONSTRUCTION SPECIFICATIONS

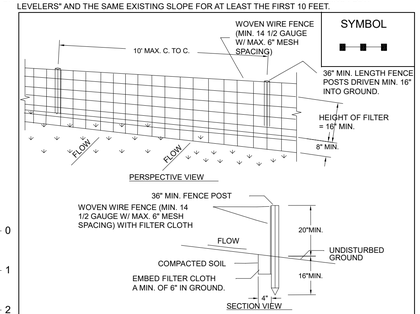
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE 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. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	STABILIZED CONSTRUCTION ENTRANCE



GENERAL SEPTIC SYSTEM NOTES:

1. THERE WILL BE NO REGRADING OR COMPACTING IN THE AREA OF THE PROPOSED TILE FIELD. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE TILE FIELD EXCEPT FOR THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE TILE FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION.
2. SANITARY FACILITIES ARE NOT TO BE RELOCATED OR REDESIGNED WITHOUT REVIEW BY THE COUNTY HEALTH DEPARTMENT.
3. CELLAR, ROOF AND FOOTING DRAINS SHALL NOT BE DISCHARGED INTO THE SEPTIC SYSTEM OR IN THE VICINITY OF THE TILE FIELD.
4. CONSTRUCTION OF THE SANITARY FACILITIES SHALL BE PERFORMED UNDER THE GUIDANCE OF A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN NEW YORK STATE. CERTIFICATION THAT THE INSTALLATION WAS MADE IN ACCORDANCE WITH APPROVED PLANS WILL BE MADE TO THE THE LOCAL CODE ENFORCEMENT OFFICER. THE CERTIFICATION SHALL INCLUDE THAT THE SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK WAS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A.
5. NO SWIMMING POOLS, DRIVEWAYS OR OTHER STRUCTURES THAT MAY COMPACT THE GROUND SHALL BE PLACED OVER ANY PORTION OF THE TILE FIELD.
6. TOILETS OR SINKS IN THE BASEMENT MAY REQUIRE SPECIAL DESIGN AND APPROVAL.
7. THE SEPTIC TANK SHALL BE A 1,250 GALLON CONCRETE TANK AS SHOWN ON PLANS, BY WOODARDS CONCRETE PRODUCTS, BULLVILLE, NEW YORK OR AN APPROVED EQUAL. A CERTIFICATION SHALL BE INCLUDED THAT THE SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK WAS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A.
8. ANY CHANGE IN DIRECTION OF SOLID TILE SEWAGE PIPE WILL REQUIRE A CLEANOUT.
9. THE SEWAGE DISPOSAL SYSTEM HAS NOT BEEN DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE TUB OVER 100 GALLONS OR WATER SOFTENERS. AS SUCH, THESE ITEMS SHOULD NOT BE INSTALLED UNLESS THE SEWAGE DISPOSAL SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM.
10. THE TOWN BUILDING DEPARTMENT MUST BE CONTACTED 48 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION TO SCHEDULE A REVIEW OF THE INSTALLATION.
11. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND ELEVATIONS BEFORE SUBMITTING BID.
12. CONTRACTOR SHALL VERIFY INVERTS OF ALL NEW UNITS INSTALLED BY THIS CONTRACT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER SHOWING INVERT ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
13. ALL PLUMBING SHALL CONFORM TO THE NEW YORK STATE PLUMBING CODE. LATEST EDITION.
14. ANY MODIFICATIONS OR ADDITIONS TO THIS DESIGN MUST RECEIVE APPROVAL BY THE COUNTY HEALTH DEPARTMENT AND THE DESIGN ENGINEER PRIOR TO EXECUTION BY CONTRACTOR.
15. ALL JOINTS BETWEEN PIPING AND SEPTIC SYSTEM COMPONENTS (ie. SEPTIC TANK, & DISTRIBUTION BOXES) SHALL BE SEALED WATERTIGHT WITH NONSHRINK GROUT.
16. EXISTING WELLS AND SEWAGE DISPOSAL SYSTEMS SHOWN ARE NOT PART OF THIS APPROVAL.
17. BACKFILL INTO ANY TRENCH SHALL NOT HAVE ANY DIMENSION EXCEEDING 4 INCHES. FILL TO BE ACCEPTABLE BY THE ENGINEER.
18. SEWAGE DISPOSAL SYSTEM SHALL ONLY RECEIVE SANITARY WASTES.
19. PRIOR TO CERTIFICATE OF OCCUPANCY, A LETTER AND A AS-BUILT PLAN MUST BE SUBMITTED TO THE TOWN BY A N.Y.S. LICENSED PROFESSIONAL ENGINEER CERTIFYING THAT THE SEWERAGE DISPOSAL SYSTAM IS INSTALLED IN ACCORDANCE WITH THESE PLANS.
20. UTILIZATION OF THE EXPANSION AREA REQUIRES A NEW DESIGN BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER AND THE PERMISSION OF THE ORANGE COUNTY HEALTH DEPARTMENT.
21. IF DURING CONSTRUCTION EXISTING FOOTING DRAINS TO REMAIN ARE EXPOSED, THESE DRAINS SHALL BE RE-ROUTED TO ENSURE THAT THEY ARE NOT DISCHARGING INTO THE SEPTIC SYSTEM OR INTO THE VICINITY OF THE TILE FIELD.
22. MINIMUM DISTANCE FROM ANY WELL TO ANY SEPTIC SYSTEM AT A HIGHER ELEVATION SHALL BE 200 FT. NO KNOWN WELLS EXIST WITHIN 200 FT. OF S.D.S. NOT SHOWN ON PLAN.
23. THE MINIMUM DISTANCE FROM ANY SEPTIC SYSTEM TO ANY PRIVATE WELL IS 100 FT. WHEN THE WELL IS AT A HIGHER ELEVATION.
24. MINIMUM DISTANCE FROM SEPTIC SYSTEM TO ANY PUBLIC WELL SHALL BE 200 FT.
25. THE FIRST 10' OF ALL OUTLET PIPES FROM THE DISTRIBUTION BOX MUST HAVE THE SAME INVERT AND THE SAME EXITING SLOPE. SPEED LEVELERS SHALL BE USED IN EACH LATERAL TO ENSURE ALL INVERTS ARE THE SAME WITHIN THE DISTRIBUTION BOX.
26. THE TOPS OF THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE NO MORE THEN 12" BELOW THE FINISHED GRADE WHEN ALL WORK IS COMPLETE. ORIGINAL GRADE SHALL BE MODIFIED ACCORDINGLY TO PROVIDE 12" OF COVER AT ALL INVERT ELEVATIONS.
27. ALL OUTLET PIPES FROM DISTRIBUTOR BOX MUST HAVE THE SAME INVERT "USING FLOW LEVELERS" AND THE SAME EXISTING SLOPE FOR AT LEAST THE FIRST 10 FEET.

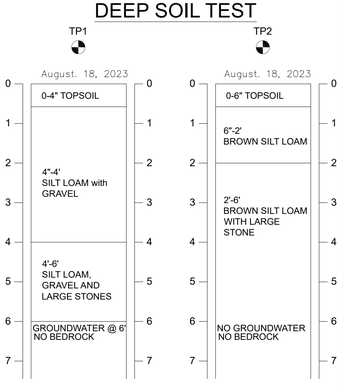


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	SILT FENCE

DEEP SOIL TEST



SEWAGE DISPOSAL DESIGN CRITERIA

PERC NO.	DATE	DEPTH OF PERC HOLE	STABILIZED PERC RATE	DESIGN PERC RATE	DESIGN MINIMUM TRENCH LENGTH (4 BEDROOM HOUSE) REQUIRED	PROVIDED	RESERVE AREA
PT1	08/18/23	24"	27 MIN			420 LF (7 LINES AT 60 L.F.)	420 LF (7 LINES AT 60 L.F.)
PT2	11/21/23	24"	22 MIN	21-30 MINUTES	367 LF		

THE PERCOLATION TESTS WERE PERFORMED BY STOPWATCH.

THE DAILY FLOW = 4 BEDROOMS @ 110 GPD EACH = 440 GPD
RESERVE IS TO BE THE SAME DESIGN AS THE PRIMARY SYSTEM

0' 50' 100' 150' 200'
GRAPHIC SCALE: 1" = 50'

DATE	REVISION
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03/29/2024	per PB comments and Town Enginner Comments dated January 23, 2024

John V. Nosek, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. No. 069497
JOHN V. NOSEK, P.E.

Proposed subdivision

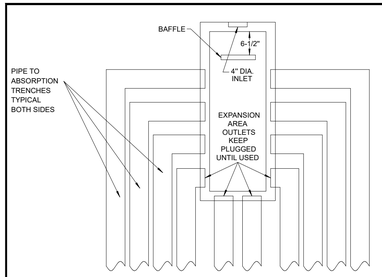
of the lands of

Robert Travis and Linda Travis

NOSEK ENGINEERING
2245 ALBANY POST ROAD,
WALDEN, NEW YORK 12586
845.926.7790

Prepared For Tax Map Parcel
14-1-150.2
aka Mountain View Avenue
situated in the
Town of Newburgh
County of Orange , New York 12550

DATE: 03-19-2024 | SCALE: 1"=50' | JOB No. 23019PER | DRAWN BY: rbm

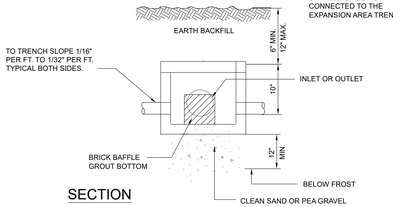


TOP VIEW

NOTE:
WHEN INSTALLING THE PIPE TO TRENCHES, PROVIDE SUFFICIENT ROOM TO INSURE THAT IF AND WHEN NEEDED THE EXPANSION AREA OUTLETS ARE ACCESSIBLE WITHOUT DISTURBING THE EXISTING PIPING, AND ARE CAPABLE OF BEING CONNECTED TO THE EXPANSION AREA TRENCHES

NOTE

FIRST 10' OF ALL DISTRIBUTION LATERALS ARE TO BE PLACED AT IDENTICAL SLOPES.

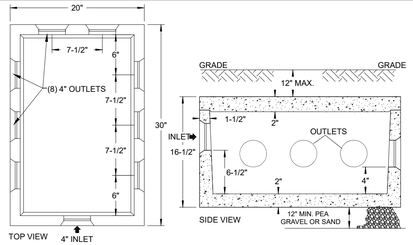


SECTION

DISTRIBUTION BOX DB-9 INSTALLATION DETAIL

NO SCALE

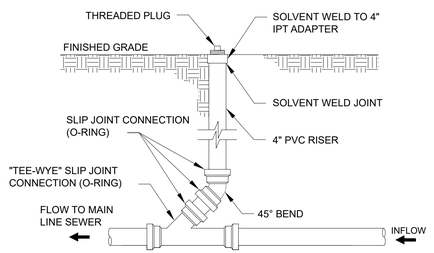
NOTE: ALL UNUSED OUTLETS TO BE PLUGGED AND SEALED, PIPE JOINTS TO THE DISTRIBUTION BOX TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.



SPECIFICATIONS	PRECAST DISTRIBUTION BOXES MODEL DB-9 / 8 OUTLET BOX
CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS REINFORCEMENT: FIBER, 10GA. WIRE MESH AIR ENTRAINMENT: 5% PIPE CONNECTION: POLYLOK SEAL (PATENTED) LOAD RATING: 300 PSF WEIGHT = 290 LBS	WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050 WWW.WOODARDSCONCRETE.COM

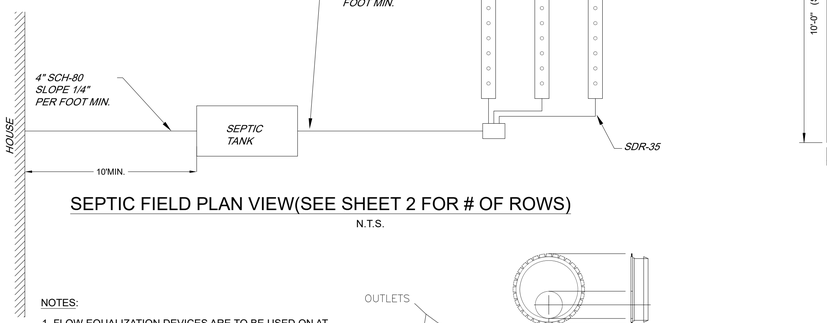
DISTRIBUTION BOX DETAIL - DB-9

NOT TO SCALE



STANDARD CLEANOUT CONNECTION DETAIL

NOT TO SCALE

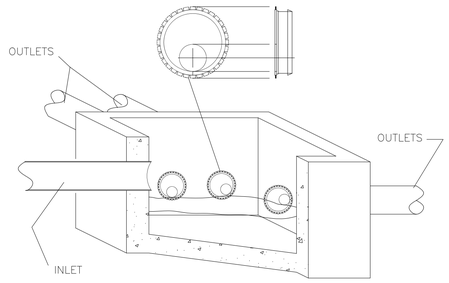


SEPTIC FIELD PLAN VIEW(SEE SHEET 2 FOR # OF ROWS)

N.T.S.

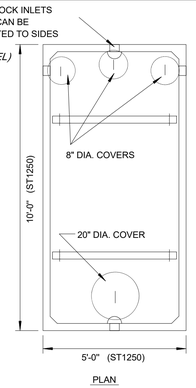
NOTES:

1. FLOW EQUALIZATION DEVICES ARE TO BE USED ON AT THE OUTLET PIPES OF THE DISTRIBUTION BOX, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. DISTRIBUTION BOXES SHOULD BE EXAMINED BETWEEN 6 TO 12 MONTHS AFTER THEY ARE INSTALLED TO DETERMINE IF THEY REMAIN LEVEL AND, IF NECESSARY, TO MAKE ADJUSTMENTS.
3. FLOW LEVELERS SHALL NOT COMPENSATE FOR MORE THAN 1-1/4 INCH DIFFERENCE IN PIPE ELEVATIONS. IN THIS CASE, THE CAUSE OF ELEVATION DIFFERENCES IS TO BE CORRECTED AND THE FLOW LEVELERS AGAIN INSTALLED AND ADJUSTED.

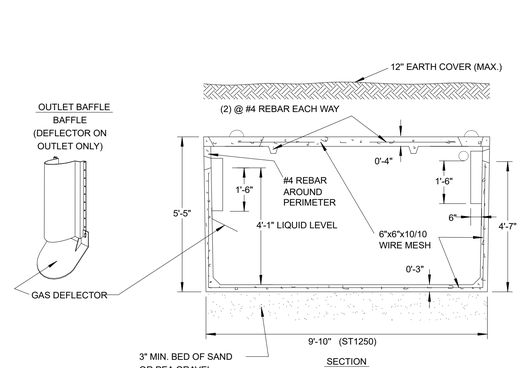


FLOW LEVELER DETAIL

NOT TO SCALE



PLAN



SECTION
NOT TO SCALE

TYPICAL CONCRETE SEPTIC TANK

NOTES:

1. TYPICAL PRECAST CONCRETE SEPTIC TANKS, WOODARD CONCRETE PRODUCTS, INC. (PROVIDE WATER TIGHT SEAL AT ANY CONSTRUCTION JOINT.)
2. INLET AND OUTLET JOINTS TO SEPTIC TANK ARE TO BE SEALED WITH A NON-SHRINK MORTAR.
3. TO BE USED FOR A FOUR BEDROOM DWELLING.

SPECIFICATIONS	RECAST SEPTIC TANKS
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: 6"x6"x10ga. Wire Mesh, #4 Reba Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 8,700 lbs for Model ST-1000 Weight = 9,500 lbs for Model ST-1250	MODEL ST-1250 1250 GALLONS WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050 WWW.WOODARDSCONCRETE.COM

NOTE:
MINIMUM WELL YIELD REQUIRED 5 G.P.M.

TYPICAL 6" WELL

NO SCALE

FOR SUBMERSIBLE PUMP (5 G.P.M. MIN.)

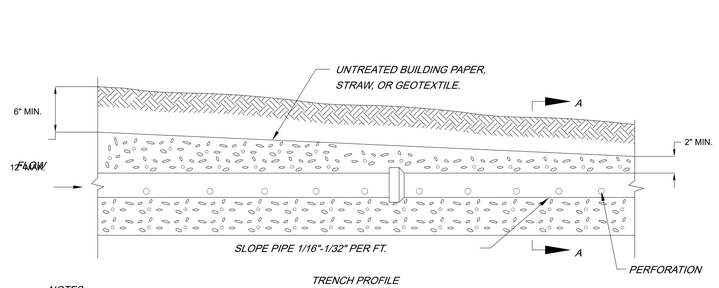
NOTE:

1.) THE OVERSIZE DRILL HOLE FOR GROUT SHALL BE THE CASING SIZE PLUS 4"

2.) a. USE OF UNDERGROUND CABLE FROM THE WELL TO THE HOUSE, WHICH CAN BE BURIED DIRECTLY IN THE GROUND, AND BE PROTECTED AT THE WELL HEAD WITH EITHER METAL CONDUIT OR PLASTIC PIPE (PVC OR POLYETHYLENE) TO A MINIMUM DEPTH OF 24" BELOW GRADE.

b. IF THE DEPTH AT WHICH WATER ENTERS THE WELL IS LESS THAN 50' THAN THERE SHALL BE 50' OF PROPERLY GROUTED CASING INSTALLED OR SEPARATIONS MUST BE INCREASED BY 50% IN ACCORDANCE WITH APPENDIX 5-B, TABLE 1, NOTE 1.

c. WELL TO BE CONSTRUCTED IN ACCORDANCE WITH APPENDIX 5-B STANDARDS FOR WATER WELLS NYSDOH

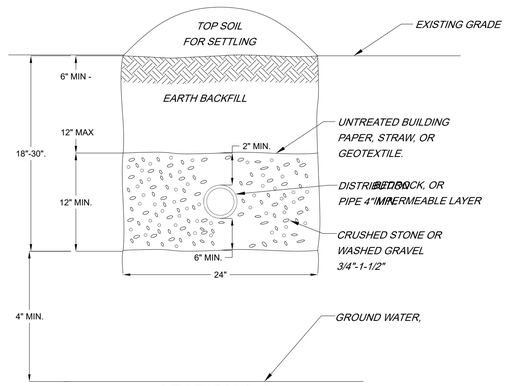


TRENCH PROFILE

NOTES
DO NOT INSTALL TRENCHES IN WET SOIL.
RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL.
END OF ALL DISTRIBUTION PIPES MUST BE PLUGGED UNLESS INTERCONNECTED.
BOTTOM OF TRENCH TO BE LEVEL

ABSORPTION TRENCH DETAIL

NOT TO SCALE



SECTION A-A

NOT TO SCALE

Sheet 3 of 3

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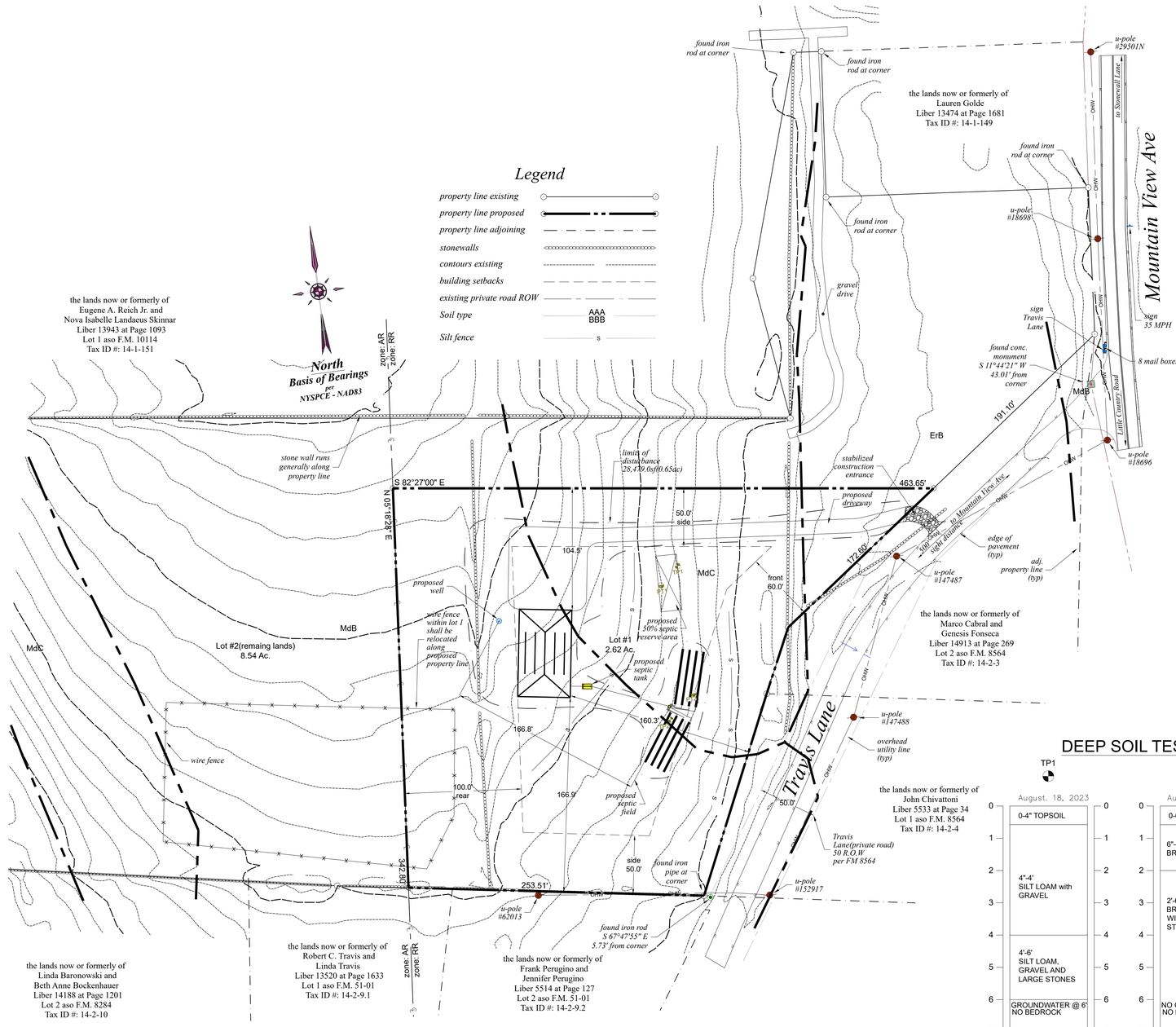
EROSION CONTROL STANDARD NOTES

1. EXCAVATION, FILLING, GRADING AND STRIPPING SHALL BE PERMITTED TO BE UNDERTAKEN ONLY IN SUCH LOCATIONS AND IN SUCH A MATTER AS TO MINIMIZE THE POTENTIAL OF EROSION AND SEDIMENT AND THE THREAT TO THE HEALTH, SAFETY AND WELFARE OF NEIGHBORING PROPERTY OWNERS AND THE GENERAL PUBLIC.
2. SITE PREPARATION AND CONSTRUCTION SHALL BE FITTED TO THE VEGETATION, TOPOGRAPHY AND OTHER NATURAL FEATURES OF THE SITE AND SHALL PRESERVE AS MANY OF THESE FEATURES AS FEASIBLE.
3. THE CONTROL OF EROSION AND SEDIMENT SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION.
4. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED BY SITE PREPARATION AT ANY GIVEN TIME.
5. THE EXPOSURE OF AREAS BY SITE PREPARATION SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME PRIOR TO THE CONSTRUCTION OF STRUCTURES OR IMPROVEMENTS OR THE RESTORATION OF THE EXPOSED AREAS TO AN ATTRACTIVE NATURAL CONDITION.
6. MULCHING OR TEMPORARY VEGETATION SUITABLE TO THE SITE SHALL BE USED WHERE NECESSARY TO PROTECT AREAS EXPOSED BY SITE PREPARATION, AND PERMANENT VEGETATION WHICH IS WELL ADAPTED TO THE SITE SHALL BE INSTALLED AS SOON AS PRACTICAL.
7. WHERE SLOPES ARE TO BE REVEGETATED IN AREAS EXPOSED BY SITE PREPARATION, THE SLOPES SHALL NOT BE OF SUCH STEEPNESS THAT VEGETATION CANNOT BE READILY ESTABLISHED OR THAT PROBLEMS OF EROSION OR SEDIMENT MAY RESULT.
8. SITE PREPARATION AND CONSTRUCTION SHALL NOT ADVERSELY AFFECT THE FREE FLOW OF WATER BY ENCROACHING ON, BLOCKING OR RESTRICTING WATERCOURSES.
9. ALL FILL MATERIAL SHALL BE COMPOSITION SUITABLE FOR THE ULTIMATE USE OF THE FILL, FREE OF RUBBISH AND CAREFULLY RESTRICTED IN ITS CONTENT OF BRUSH, STUMPS, TREE DEBRIS, ROCKS, FROZEN MATERIAL AND SOFT OR EASILY COMPRESSIBLE MATERIAL.
10. FILL MATERIAL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT PROBLEMS OF EROSION, AND WHERE THE MATERIAL IS TO SUPPORT STRUCTURES, IT SHALL BE COMPACTED TO A MINIMUM OF NINETY PERCENT (90%) OF STANDARD PROCTOR WITH PROPER MOISTURE CONTROL.
11. ALL TOPSOIL WHICH IS EXCAVATED FROM A SITE SHALL BE STOCKPILED AND USED FOR THE RESTORATION OF THE SITE, AND SUCH STOCKPILES, WHERE NECESSARY, SHALL BE SEEDED OR OTHERWISE TREATED TO MINIMIZE THE EFFECTS OF EROSION.
12. PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION, AN INTEGRATED DRAINAGE SYSTEM SHALL BE PROVIDED WHICH AT ALL TIMES MINIMIZES EROSION, SEDIMENT, HAZARDS OF SLOPE INSTABILITY AND ADVERSE EFFECT ON NEIGHBORING PROPERTY OWNERS.
13. THE NATURAL DRAINAGE SYSTEM SHALL GENERALLY BE PRESERVED IN PREFERENCE TO MODIFICATIONS OF THIS SYSTEM, EXCEPTING WHERE SUCH MODIFICATIONS ARE NECESSARY TO REDUCE LEVELS OF EROSION AND SEDIMENT AND ADVERSE EFFECTS ON NEIGHBORING PROPERTY OWNERS.
14. ALL DRAINAGE SYSTEMS SHALL BE DESIGNED TO HANDLE ADEQUATELY ANTICIPATED FLOWS, BOTH WITHIN THE SITE AND FROM THE ENTIRE UPSTREAM DRAINAGE BASIN.
15. SUFFICIENT GRADES AND DRAINAGE FACILITIES SHALL BE PROVIDED TO PREVENT THE PONDING OF WATER, UNLESS SUCH PONDING IS PROPOSED WITHIN SITE PLANS, IN WHICH EVENT THERE SHALL BE SUFFICIENT WATER FLOW TO MAINTAIN PROPOSED WATER LEVELS AND TO AVOID STAGNATION.
16. THERE SHALL BE PROVIDED WHERE NECESSARY TO MINIMIZE EROSION AND SEDIMENT SUCH MEASURES AS BENCHES, BERMS, TERRACES, DIVERSIONS AND SEDIMENT, DEBRIS AND RETENTION BASINS.
17. DRAINAGE SYSTEMS, PLANTINGS AND OTHER EROSION OR SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY TO PROVIDE ADEQUATE PROTECTION AGAINST EROSION AND SEDIMENT AND TO ENSURE THAT THE FREE FLOW OF WATER IS NOT OBSTRUCTED BY THE ACCUMULATION OF SILT, DEBRIS OR OTHER MATERIAL OR BY STRUCTURAL DAMAGE.

CONSTRUCTION SPECIFICATIONS

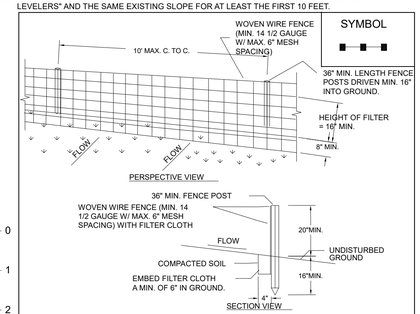
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE 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. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	STABILIZED CONSTRUCTION ENTRANCE



GENERAL SEPTIC SYSTEM NOTES:

1. THERE WILL BE NO REGRADING OR COMPACTING IN THE AREA OF THE PROPOSED TILE FIELD. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE TILE FIELD EXCEPT FOR THE ACTUAL CONSTRUCTION OF THE FIELD. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE TILE FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION.
2. SANITARY FACILITIES ARE NOT TO BE RELOCATED OR REDESIGNED WITHOUT REVIEW BY THE COUNTY HEALTH DEPARTMENT.
3. CELLAR, ROOF AND FOOTING DRAINS SHALL NOT BE DISCHARGED INTO THE SEPTIC SYSTEM OR IN THE VICINITY OF THE TILE FIELD.
4. CONSTRUCTION OF THE SANITARY FACILITIES SHALL BE PERFORMED UNDER THE GUIDANCE OF A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN NEW YORK STATE. CERTIFICATION THAT THE INSTALLATION WAS MADE IN ACCORDANCE WITH APPROVED PLANS WILL BE MADE TO THE THE LOCAL CODE ENFORCEMENT OFFICER. THE CERTIFICATION SHALL INCLUDE THAT THE SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK WAS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A.
5. NO SWIMMING POOLS, DRIVEWAYS OR OTHER STRUCTURES THAT MAY COMPACT THE GROUND SHALL BE PLACED OVER ANY PORTION OF THE TILE FIELD.
6. TOILETS OR SINKS IN THE BASEMENT MAY REQUIRE SPECIAL DESIGN AND APPROVAL.
7. THE SEPTIC TANK SHALL BE A 1,250 GALLON CONCRETE TANK AS SHOWN ON PLANS, BY WOODARDS CONCRETE PRODUCTS, BULLVILLE, NEW YORK OR AN APPROVED EQUAL. A CERTIFICATION SHALL BE INCLUDED THAT THE SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS AND THAT THE TANK WAS INSTALLED IN ACCORDANCE WITH APPENDIX 75-A.
8. ANY CHANGE IN DIRECTION OF SOLID TILE SEWAGE PIPE WILL REQUIRE A CLEANOUT.
9. THE SEWAGE DISPOSAL SYSTEM HAS NOT BEEN DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE TUB OVER 100 GALLONS OR WATER SOFTENERS. AS SUCH, THESE ITEMS SHOULD NOT BE INSTALLED UNLESS THE SEWAGE DISPOSAL SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM.
10. THE TOWN BUILDING DEPARTMENT MUST BE CONTACTED 48 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION TO SCHEDULE A REVIEW OF THE INSTALLATION.
11. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND ELEVATIONS BEFORE SUBMITTING BID.
12. CONTRACTOR SHALL VERIFY INVERTS OF ALL NEW UNITS INSTALLED BY THIS CONTRACT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER SHOWING INVERT ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
13. ALL PLUMBING SHALL CONFORM TO THE NEW YORK STATE PLUMBING CODE. LATEST EDITION.
14. ANY MODIFICATIONS OR ADDITIONS TO THIS DESIGN MUST RECEIVE APPROVAL BY THE COUNTY HEALTH DEPARTMENT AND THE DESIGN ENGINEER PRIOR TO EXECUTION BY CONTRACTOR.
15. ALL JOINTS BETWEEN PIPING AND SEPTIC SYSTEM COMPONENTS (ie. SEPTIC TANK, & DISTRIBUTION BOXES) SHALL BE SEALED WATERTIGHT WITH NONSHRINK GROUT.
16. EXISTING WELLS AND SEWAGE DISPOSAL SYSTEMS SHOWN ARE NOT PART OF THIS APPROVAL.
17. BACKFILL INTO ANY TRENCH SHALL NOT HAVE ANY DIMENSION EXCEEDING 4 INCHES. FILL TO BE ACCEPTABLE BY THE ENGINEER.
18. SEWAGE DISPOSAL SYSTEM SHALL ONLY RECEIVE SANITARY WASTES.
19. PRIOR TO CERTIFICATE OF OCCUPANCY, A LETTER AND A AS-BUILT PLAN MUST BE SUBMITTED TO THE TOWN BY A N.Y.S. LICENSED PROFESSIONAL ENGINEER CERTIFYING THAT THE SEWERAGE DISPOSAL SYSTAM IS INSTALLED IN ACCORDANCE WITH THESE PLANS.
20. UTILIZATION OF THE EXPANSION AREA REQUIRES A NEW DESIGN BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER AND THE PERMISSION OF THE ORANGE COUNTY HEALTH DEPARTMENT.
21. IF DURING CONSTRUCTION EXISTING FOOTING DRAINS TO REMAIN ARE EXPOSED, THESE DRAINS SHALL BE RE-ROUTED TO ENSURE THAT THEY ARE NOT DISCHARGING INTO THE SEPTIC SYSTEM OR INTO THE VICINITY OF THE TILE FIELD.
22. MINIMUM DISTANCE FROM ANY WELL TO ANY SEPTIC SYSTEM AT A HIGHER ELEVATION SHALL BE 200 FT. NO KNOWN WELLS EXIST WITHIN 200 FT. OF S.D.S. NOT SHOWN ON PLAN.
23. THE MINIMUM DISTANCE FROM ANY SEPTIC SYSTEM TO ANY PRIVATE WELL IS 100 FT. WHEN THE WELL IS AT A HIGHER ELEVATION.
24. MINIMUM DISTANCE FROM SEPTIC SYSTEM TO ANY PUBLIC WELL SHALL BE 200 FT.
25. THE FIRST 10' OF ALL OUTLET PIPES FROM THE DISTRIBUTION BOX MUST HAVE THE SAME INVERT AND THE SAME EXITING SLOPE. SPEED LEVELERS SHALL BE USED IN EACH LATERAL TO ENSURE ALL INVERTS ARE THE SAME WITHIN THE DISTRIBUTION BOX.
26. THE TOPS OF THE SEPTIC TANK AND THE DISTRIBUTION BOX SHALL BE NO MORE THEN 12" BELOW THE FINISHED GRADE WHEN ALL WORK IS COMPLETE. ORIGINAL GRADE SHALL BE MODIFIED ACCORDINGLY TO PROVIDE 12" OF COVER AT ALL INVERT ELEVATIONS.
27. ALL OUTLET PIPES FROM DISTRIBUTOR BOX MUST HAVE THE SAME INVERT "USING FLOW LEVELERS" AND THE SAME EXISTING SLOPE FOR AT LEAST THE FIRST 10 FEET.



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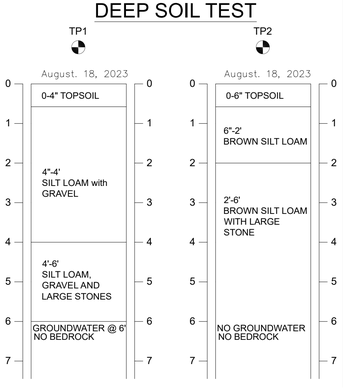

SEWAGE DISPOSAL DESIGN CRITERIA

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THE PERCOLATION TESTS WERE PERFORMED BY STOPWATCH.

THE DAILY FLOW = 4 BEDROOMS @ 110 GPD EACH = 440 GPD
RESERVE IS TO BE THE SAME DESIGN AS THE PRIMARY SYSTEM

0' 50' 100' 150' 200'
GRAPHIC SCALE: 1" = 50'

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John V. Nosek, P.E.
PROFESSIONAL ENGINEER
N.Y. LIC. No. 069497
JOHN V. NOSEK, P.E.

Proposed subdivision

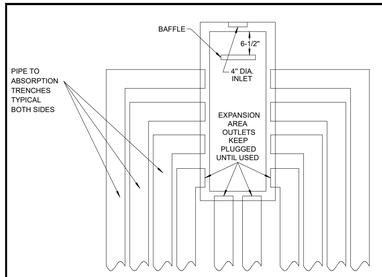
of the lands of

Robert Travis and Linda Travis

NOSEK ENGINEERING
2245 ALBANY POST ROAD,
WALDEN, NEW YORK 12586
845.926.7790

Prepared For Tax Map Parcel
14-1-150.2
aka Mountain View Avenue
situated in the
Town of Newburgh
County of Orange , New York 12550

DATE: 03-19-2024 | SCALE: 1"=50' | JOB No. 23019PER | DRAWN BY: rbm

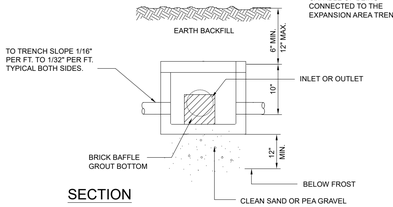


TOP VIEW

NOTE:
WHEN INSTALLING THE PIPE TO TRENCHES, PROVIDE SUFFICIENT ROOM TO INSURE THAT IF AND WHEN NEEDED THE EXPANSION AREA OUTLETS ARE ACCESSIBLE WITHOUT DISTURBING THE EXISTING PIPING, AND ARE CAPABLE OF BEING CONNECTED TO THE EXPANSION AREA TRENCHES

NOTE

FIRST 10' OF ALL DISTRIBUTION LATERALS ARE TO BE PLACED AT IDENTICAL SLOPES.

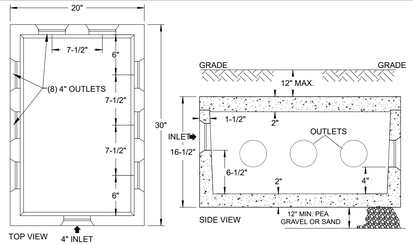


SECTION

DISTRIBUTION BOX DB-9 INSTALLATION DETAIL

NO SCALE

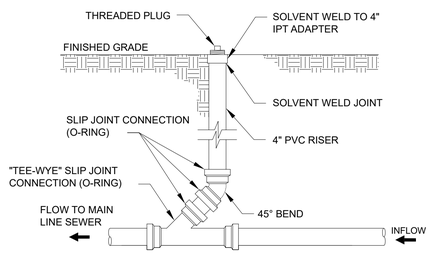
NOTE: ALL UNUSED OUTLETS TO BE PLUGGED AND SEALED, PIPE JOINTS TO THE DISTRIBUTION BOX TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.



SPECIFICATIONS	PRECAST DISTRIBUTION BOXES MODEL DB-9 / 8 OUTLET BOX
CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS REINFORCEMENT: FIBER, 10GA. WIRE MESH AIR ENTRAINMENT: 5% PIPE CONNECTION: POLYLOK SEAL (PATENTED) LOAD RATING: 300 PSF WEIGHT = 290 LBS	WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050 WWW.WOODARDSCONCRETE.COM

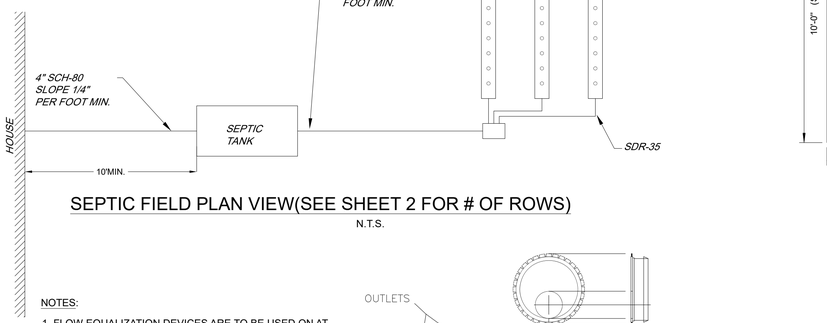
DISTRIBUTION BOX DETAIL - DB-9

NOT TO SCALE



STANDARD CLEANOUT CONNECTION DETAIL

NOT TO SCALE

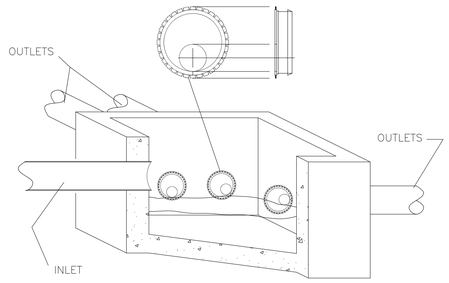


SEPTIC FIELD PLAN VIEW(SEE SHEET 2 FOR # OF ROWS)

N.T.S.

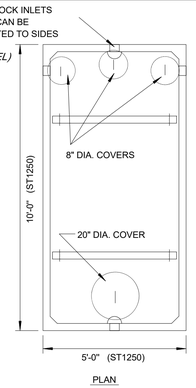
NOTES:

1. FLOW EQUALIZATION DEVICES ARE TO BE USED ON AT THE OUTLET PIPES OF THE DISTRIBUTION BOX, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
2. DISTRIBUTION BOXES SHOULD BE EXAMINED BETWEEN 6 TO 12 MONTHS AFTER THEY ARE INSTALLED TO DETERMINE IF THEY REMAIN LEVEL AND, IF NECESSARY, TO MAKE ADJUSTMENTS.
3. FLOW LEVELERS SHALL NOT COMPENSATE FOR MORE THAN 1-1/4 INCH DIFFERENCE IN PIPE ELEVATIONS. IN THIS CASE, THE CAUSE OF ELEVATION DIFFERENCES IS TO BE CORRECTED AND THE FLOW LEVELERS AGAIN INSTALLED AND ADJUSTED.

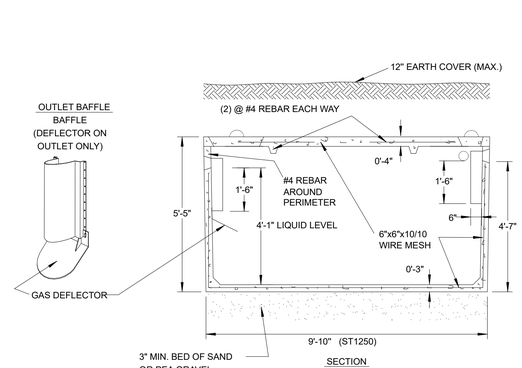


FLOW LEVELER DETAIL

NOT TO SCALE



PLAN



SECTION
NOT TO SCALE

TYPICAL CONCRETE SEPTIC TANK

NOTES:

1. TYPICAL PRECAST CONCRETE SEPTIC TANKS, WOODARD CONCRETE PRODUCTS, INC. (PROVIDE WATER TIGHT SEAL AT ANY CONSTRUCTION JOINT.)
2. INLET AND OUTLET JOINTS TO SEPTIC TANK ARE TO BE SEALED WITH A NON-SHRINK MORTAR.
3. TO BE USED FOR A FOUR BEDROOM DWELLING.

SPECIFICATIONS	RECAST SEPTIC TANKS
Concrete Minimum Strength: 4,000 psi at 28 days Reinforcement: 6"x6"x10ga. Wire Mesh, #4 Reba Air Entrainment: 5% Construction Joint: Butyl Rubber Sealant Pipe Connection: Polylok Seal (patented) Load Rating: 300 psf Weight = 8,700 lbs for Model ST-1000 Weight = 9,500 lbs for Model ST-1250	MODEL ST-1250 1250 GALLONS WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050 WWW.WOODARDSCONCRETE.COM

NOTE:
MINIMUM WELL YIELD REQUIRED 5 G.P.M.

TYPICAL 6" WELL

NO SCALE

FOR SUBMERSIBLE PUMP (5 G.P.M. MIN.)

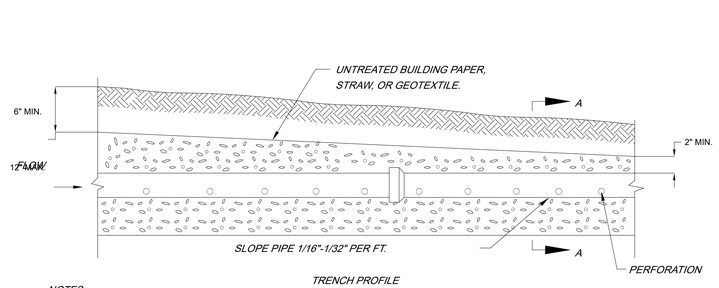
NOTE:

1.) THE OVERSIZE DRILL HOLE FOR GROUT SHALL BE THE CASING SIZE PLUS 4"

2.) a. USE OF UNDERGROUND CABLE FROM THE WELL TO THE HOUSE, WHICH CAN BE BURIED DIRECTLY IN THE GROUND, AND BE PROTECTED AT THE WELL HEAD WITH EITHER METAL CONDUIT OR PLASTIC PIPE (PVC OR POLYETHYLENE) TO A MINIMUM DEPTH OF 24" BELOW GRADE.

b. IF THE DEPTH AT WHICH WATER ENTERS THE WELL IS LESS THAN 50' THAN THERE SHALL BE 50' OF PROPERLY GROUTED CASING INSTALLED OR SEPARATIONS MUST BE INCREASED BY 50% IN ACCORDANCE WITH APPENDIX 5-B, TABLE 1, NOTE 1.

c. WELL TO BE CONSTRUCTED IN ACCORDANCE WITH APPENDIX 5-B STANDARDS FOR WATER WELLS NYSDOH

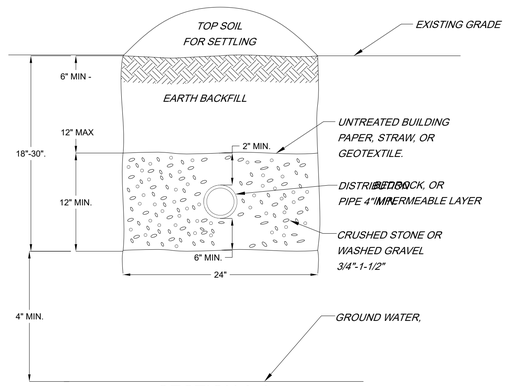


TRENCH PROFILE

NOTES
DO NOT INSTALL TRENCHES IN WET SOIL.
RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL.
END OF ALL DISTRIBUTION PIPES MUST BE PLUGGED UNLESS INTERCONNECTED.
BOTTOM OF TRENCH TO BE LEVEL

ABSORPTION TRENCH DETAIL

NOT TO SCALE



SECTION A-A

NOT TO SCALE

Sheet 3 of 3

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JOHN V. NOSEK, P.E.

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DATE: 03-19-2024	SCALE: 1"=50'	JOB No. 23019PER	DRAWN BY: rbm

OWNERS ENDORSEMENT 14-1-150.2

I hereby consent to the information depicted on this Subdivision Plan and all conditions noted thereon.
I agree to the filing of this Plan by the Planning Board.

Robert Travis — Date
24 Travis Ln
Newburgh NY 12550

Linda Travis — Date
24 Travis Ln
Newburgh NY 12550

TOWN OF NEWBURGH PLANNING BOARD ENDORSEMENT

Approved by resolution of the Planning Board subject to the conditions and requirements of said resolution.

Any change, erasure, modification or revision of this plan as approved shall void this approval.

Planning Board Chairman — Date

ZONING SCHEDULE

ZONE: RR(USED FOR DESIGN)

	RR-REQUIRED	PROPOSED LOT 1	PROPOSED LOT 2	AR-REQUIRED
MINIMUM LOT AREA	2ac	2.62ac	8.54ac	40,000 s.f.
MINIMUM YARDS (feet)				
FRONT	60'	160'	50'min.	50'
REAR	100'	100'	50'min.	50'
SIDE				
ONE	50'	104'	50'min.	30'
BOTH	100'	270'	80'min.	80'
MINIMUM LOT WIDTH (feet)	200'	346'	381'	150'
MINIMUM LOT DEPTH (feet)	300'	316'	743'	150'
MAXIMUM SURFACE COVERAGE (%)	10%	10%	<10%	10%
MAXIMUM BUILDING HEIGHT	35'	<35'	<35'	35'
MAXIMUM BUILDING COVERAGE (%)	10%	3%	<10%	20%
MINIMUM HABITABLE FLOOR AREA	1,500sf	>1,500sf	>1,500sf	1,500sf

Applicant:
Brooke Perugino
22 Travid Lane
Newburgh, NY 12550

NOTE:

Basis Of Bearings:
The horizontal Datum is the North American Datum of 1983 (NAD83). The project baseline bearing reference for Grid North was established by GPS observation performed on date, 2023. The subject property lines are as per the latest record Deed and aligned to this datum.

SURVEYOR'S NOTES:

1.
2. Unauthorized alteration of an item in any way, or addition to a survey map for any person, unless acting under the direction of a licensed land surveyor, is a violation of section 7209, subdivision 2, of the New York State Education Law.
3. **Only maps bearing the surveyor's *signature overlaid with embossed seal* are genuine true and correct copies of the surveyor's original work and opinion. Anything other than copies with an embossed-seal and signature may contain unauthorized and undetectable modifications, deletions, additions, and changes, and are not to be relied upon. A copy of this document without a proper application of the surveyor's embossed seal should be assumed to be an *unauthorized copy*.**
4. Certifications on this map signify that the map was prepared in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. The certification is limited to persons for whom the map is prepared, to the title company, to the governmental agency, and to the lending institution listed on this map.
5. The certifications herein are not transferable.
6. The location of underground improvements or encroachments are not always known and often must be estimated. If any underground improvements or encroachments exist or are shown, the improvements or encroachments are not covered by this certificate.
7. This survey is subject to the findings of a Title Report and or Title Search.
8. Surveyed as per deeds, prior survey maps, filed maps, physical evidence and existing monumentation found at the site.
9. Subject to any conditions, restrictions, covenants and/or right-of ways/easements of record, if any.

CERTIFICATION NOTES:

This certification is made only to named parties for purchase and/or mortgage of herein delineated property by named purchaser. No responsibility or liability is assumed by surveyor for use of survey for any other purpose including, but not limited to, use of survey for survey affidavit, resale of property, or to any other person *not* listed in certification, either directly or indirectly, the setting of fences and/or any other structures in or near the property lines. Unless indicated otherwise, property corners were not set.

SURVEYORS' CERTIFICATION:

I hereby certify to the hereon listed parties that this survey was performed in accordance with the NYS Minimum Technical Standards Section 6 Rural class and represents the results of an actual *on the ground field survey*, per record description, of the land shown hereon, located at Mountain View Avenue in the Town of Newburgh, County of Orange, State of New York. Completed on June 30th, 2023, performed in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc., and is to the best of my knowledge, belief and information, accurate and correct. Except as shown hereon: "there are no encroachments either way across property lines; title lines and lines of actual possession are the same".

Signature — Date

Jonathan N. Millen, LLS
1229 Route 300 - Suite 3
Newburgh, NY 12550

REFERENCES:

1. The Official Tax Assessor's Maps for the Town of Newburgh, Orange County, New York .
2. Various Deeds of Record - Liber and Page or Document ID as shown:
3. Subject parcel being Lot 2 as shown on a map entitled, "A Subdivision of Lands of Nora R. Barclay", filed in the Orange County Clerk's Office on 12-21-1990 as Filed Map No. 10114.
4. A map entitled, "Subdivision of Lands for John R. Chivattoni & Karen N. Chivattoni", filed in the Orange County Clerk's Office on 10-30-1987 as Filed Map No. 8564.
5. A map entitled, "Lands of Travis & Barclay", filed in the Orange County Clerk's Office on 03-20-2001 as Filed Map No. 51-01.
6. A map entitled, "Proposed Subdivision of Lands of William J. Carrig Jr.", filed in the Orange County Clerk's Office on 05-19-1987 as Filed Map No. 8284.

0' 50' 100' 150' 200'
GRAPHIC SCALE: 1" = 50'

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Sheet 1 of 3

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PROFESSIONAL ENGINEER N.Y. LIC. No. 069497
JOHN V. NOSEK, P.E.

Jonathan N. Millen, LLS
PROFESSIONAL LAND SURVEYOR N.Y. LIC. No. 050746
JONATHAN N. MILLEN, L.L.S.

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