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**TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS**

PROJECT: CHADWICK WOODS SUBDIVISION
PROJECT NO.: 19-02
PROJECT LOCATION: SECTION 14, BLOCK 1, LOT 51
REVIEW DATE: 31 JANUARY 2019
MEETING DATE: 7 FEBRUARY 2019
PROJECT REPRESENTATIVE: TALCOTT ENGINEERING/CHARLES BROWN

1. Mike Donnelly's comments regarding the width of the access to the town roadway being 10 feet wide should be received. It is our understanding that Town Law 280A requires a minimum of 15 foot wide access to a public street.
2. NYSDOT approval for the driveway access point is required. DOT will most likely wish to minimize the number of access points on NYS Route 300.
3. A common driveway access and maintenance agreement are required between Lots 3 & 4 and Lots 2 & 5.
4. Mike Donnelly's comments regarding the note on the proposed lot 5 "not a building lot at this time" should be received". Notes should state that Planning Board approval for any use on the lot is required.
5. The well on Lot 3 depicts a 174.59 separation distance, however the leader is to the opposite side of the subsurface sanitary sewer disposal system.
6. Adjoining wells and septic systems to the west of the project site should be depicted with appropriate separation distances.
7. Septic expansion areas are shown significant distances from the septic system and upgradient of the septic tanks on several of the lots. Septic expansion areas should be located such that the systems, as proposed can be expanded into the proposed expansion areas.
8. Sheet #3 of 5 has the percolation and deep test with a note "used for design" in each of the lots, however no symbol or indication of which was used for design.

9. The expansion area on Lot# 2 has an indication of water at 28 inches. Expansion area does not have adequate soil depth for a sanitary sewer disposal system.
10. The perc test number in the area of the septic systems are not legible due to proposed septic lateral covering the number.
11. The percolation tests on proposed Lot #4 are identified at 10 inches and 6 inches deep. Shallow absorption trench system percolation tests should be performed at 12 inches deep.
12. NYSDOT driveway details should be added to the plans.
13. A pump chamber detail is depicted on the plans, however it appears that all the primary septic systems are gravity.
14. The EAF submitted identifies the parcel as a 15.1 acre parcel while the narrative report identifies it at 14.92. This should be clarified and consistent throughout the plans.
15. The amount of proposed disturbance on each lot should be labeled. If greater than one acre of disturbance is proposed a stormwater SPDES permit will be required.
16. Portions of the site are depicted on the Environmental navigator as a wetland check area.
17. The site location map should be modified to a map which is to scale and depicts all roadways in the vicinity of the project.
18. The EAF identifies the project in the Chadwick Lake Reservoir Critical Environmental Area. The site is located on the opposite side of Route 300, however it is unclear where the Critical Environmental Area is based on the scale. Should any portion of the project be located in the Critical Environmental Area the project would be considered a Type I Action for SEQRA review. It is recommended that the Board circulate for Lead Agency and include all interested and involved agencies as a Type I Action.
19. Deep Test D7 on Lot #3 in the expansion area is not acceptable for subsurface sanitary sewer disposal due to depth to mottling. Based on a review of the widely varying deep and perc test results within very close proximity it is recommended that the Applicants representative provide two deep tests and percolation tests within the subsurface sanitary sewer disposal areas.
20. Orange County Planning Department circulation will be required once technical comments have been resolved.

Respectfully submitted,

**McGoey, Hauser and Edsall
Consulting Engineers, D.P.C.**

Patrick J. Hines
Principal

PJH/kbw

Talcott Engineering DESIGN, PLLC

1 GARDNERTOWN ROAD ~ NEWBURGH, NY 12550
(845) 569-8400* ~ (fax) (845) 569-4583

JAN 15 2019

Town of Newburgh
Planning Board
308 Gardnertown Road
Newburgh, NY 12550

January 14, 2019

Attn: John Ewasutyn, Chairman

Re: Project Narrative
Town Project No. 2019-02
Chadwick Woods Subdivision
174 S Route 300
SBL: 14-1-51
RR Zone
Job No. 17100-MMR

PROJECT NARRATIVE

The project is a propose 5 lot subdivision of an existing 14.92 acre vacant parcel which fronts on NYS Route 300, to create (3) 2.00 acre building lots and (1) 2.23 acre building lot leaving a residual lot or 6.69 acres. All lots will have individual wells and septic systems and driveways to NYS Route 300 for access.

Attached please find 12 Planning Board Applications, 12 sets of plans, and 12 copies of an EAF Long Form, along with this narrative and checks for the Application fees (\$2,125), Public Hearing fee (\$150) and Escrow (\$4,500), FedEx 1 copy to Michael Donnelly, and will deliver 1 copy to Pat Hines.

Respectfully yours,



Charles T. Brown, P.E. – President
Talcott Engineering

Pc; Mike Maher, Client

**TOWN OF NEWBURGH
APPLICATION FOR
SUBDIVISION/SITE PLAN REVIEW**

RETURN TO: Town of Newburgh Planning Board
308 Gardnertown Road
Newburgh, New York 12550

DATE RECEIVED: _____ **TOWN FILE NO:** _____
(Application fee returnable with this application)

1. Title of Subdivision/Site Plan (Project name):

CHAOWICK WOODS SUBDIVISION

2. Owner of Lands to be reviewed:

Name HUDSON ASSET HOMES, LLC ATTN: MIKE WILKER
Address 4171 ALBANY POST ROAD
HYDE PARK, NY 12538
Phone 845-527-3110

3. Applicant Information (If different than owner):

Name (SAME)
Address _____

Representative CHARLES T. BROWN, PE / TACOTT ENGINEERING
Phone 845-569-8400
Fax 845-569-4583
Email TACOTTDESIGN12@GMAIL.COM

4. Subdivision/Site Plan prepared by:

Name _____
Address _____

Phone/Fax _____

5. Location of lands to be reviewed:

6. Zone RR **Fire District** CROMBIE VALLEY
Acreage 15.14.92 **School District** NEWBURGH ENCLAVE

7. Tax Map: Section 14 **Block** 1 **Lot** 51

8. Project Description and Purpose of Review:

Number of existing lots 1 Number of proposed lots 5
Lot line change NO
Site plan review NO
Clearing and grading NO
Other NO

PROVIDE A WRITTEN SINGLE PAGE DESCRIPTION OR NARRATIVE OF THE PROJECT

9. Easements or other restrictions on property:

(Describe generally) NONE

10. The undersigned hereby requests approval by the Planning Board of the above identified application and scheduling for an appearance on an agenda:

Signature [Signature] Title Partner

Date: 8/20/18

NOTE: If property abuts and has its access to a County or State Highway or road, the following information must be placed on the subdivision map or site plan: entrance location, entrance profile, sizing of pipe (minimum length of pipe to be 24 feet).

TOWN OF NEWBURGH PLANNING BOARD

Chadwick Woods SUBDIVISION
PROJECT NAME

CHECKLIST FOR MAJOR/MINOR SUBDIVISION AND/OR SITE PLAN

I. The following items shall be submitted with a COMPLETED Planning Board Application Form.

1. Environmental Assessment Form As Required
2. Proxy Statement
3. Application Fees
4. Completed Checklist (Automatic rejection of application without checklist)

II. The following checklist items shall be incorporated on the Subdivision Plat or Site Plan prior to consideration of being placed on the Planning Board Agenda. Non-submittal of the checklist will result in application rejection.


1. Name and address of applicant
2. Name and address of owner (if different from applicant)
3. Subdivision or Site Plan and Location
4. Tax Map Data (Section-Block-Lot)
5. Location map at a scale of 1" = 2,000 ft. or less on a tax map or USCGS map base only with property outlined
6. Zoning table showing what is required in the particular zone and what applicant is proposing. A table is to be provided for each proposed lot
7. Show zoning boundary if any portion of proposed site is within or adjacent to a different zone
8. Date of plan preparation and/or plan revisions
9. Scale the plan is drawn to (Max 1" = 100')
10. North Arrow pointing generally up

11. Surveyor,s Certification
12. Surveyor's seal and signature
13. Name of adjoining owners
14. Wetlands and 100 ft. buffer zone with an appropriate note regarding D.E.C. or A.C.O.E. requirements
15. Flood plain boundaries
16. Certified sewerage system design and placement by a Licensed Professional Engineer must be shown on plans in accordance with Local Law #1 1989
17. Metes and bounds of all lots
18. Name and width of adjacent streets; the road boundary is to be a minimum of 25 ft. from the physical center line of the street
19. Show existing or proposed easements (note restrictions)
20. Right-of-way width and Rights of Access and Utility Placement
21. Road profile and typical section (minimum traveled surface, excluding shoulders, is to be 18 ft. wide)
22. Lot area (in sq. ft. for each lot less than 2 acres)
23. Number of lots including residual lot
24. Show any existing waterways
25. ~~N/A~~ A note stating a road maintenance agreement is to be filed in the County Clerk's Office where applicable
26. Applicable note pertaining to owners review and concurrence with plat together with owner's signature
27. Show any improvements, i.e. drainage systems, water lines, sewer lines, etc.
28. Show all existing houses, accessory structures, wells and septic systems on and within 200 ft. of the parcel to be subdivided
29. Show topographical data with 2 or 5 ft. contours on initial submission

- 30. Indicate any reference to a previous subdivision, i.e. filed map number, date and previous lot number
- 31. If a private road, Town Board approval of name is required, and notes on the plan that no town services will be provided and a street sign (per town specs) is to be furnished and installed
- 32. Number of acres to be cleared or timber harvested
- 33. N/A Estimated or known cubic yards of material to be excavated and removed from the site
- 34. N/A Estimated or known cubic yards of fill required
- 35. N/A The amount of grading expected or known to be required to bring the site to readiness
- 36. N/A Type and amount of site preparation which falls within the 100 ft. buffer strip of wetlands or within the Critical Environmental Area. Please explain in sq. ft. or cubic yards.

- 37. N/A Any amount of site preparation within a 100 year floodplain or any water course on the site. Please explain in sq. ft. or cubic yards.

The plan for the proposed subdivision or site has been prepared in accordance with this checklist.

By: 
 Licensed Professional
 CHARLES T. BROWN, P.E.
 Date: 1/15/19

This list is designed to be a guide ONLY. The Town of Newburgh Planning Board may require additional notes or revisions prior to granting approval.

Prepared 8/11/05
 STATEMENT TO APPLICANTS

RE: TOWN OF NEWBURGH CLEARING AND GRADING LAW

The Town of Newburgh Clearing and Grading Control Law requires a separate permit for most site preparation activities, including clearing, grading, tree cutting, excavating and filling. Site preparation activities performed following site plan or subdivision approval by the Planning Board may be exempt from the permit application, public hearing, fee and bonding requirements of the law provided the subdivision or site plan application has been reviewed for conformance with the clearing and grading law and the approval conditioned on compliance with the standards set forth in the law. Completion of the attached form will enable the Planning Board to review your application for conformance with the law's requirements. In the event it is not completed you may be required to apply for a separated permit for your site preparation activities. A sediment and erosion control plan and a plan showing the areas to be cleared, filled, graded or subjected to tree cutting, the types of vegetation affected and the proposed disposition of the destroyed vegetation must accompany the form. A SEQRA long form or full EAF should be utilized to discuss any environmental impacts and must accompany the application.

FEE ACKNOWLEDGEMENT

The town of Newburgh Municipal Code sets forth the schedule of fees for applications to the Planning Board. The signing of this application indicates your acknowledgement of responsibility for payment of these fees to the Planning Board for review of this application, including, but not limited to escrow fees for professional services (planner/consultant, engineering, legal), public hearing and site inspection. Applicant's submissions and resubmissions are not complete and will not be considered by the planning board or placed upon its agenda unless all outstanding fees have been paid. Fees incurred after the stamping of plans will remain the responsibility of the applicant prior to approval of a building permit or certificate of occupancy. Fee schedules are available from the Planning Board Secretary and are on the Town's website.

Michael Motta
APPLICANT'S NAME (printed)


APPLICANTS SIGNATURE

8/26/18
DATE

Note: if the property abuts and has access to a County or State Highway or road, the following information must be place on the subdivision map: entrance location, entrance profile, sizing of drainage pipe (minimum length of pipe to be twenty-four (24) feet).

PROXY

(OWNER) MICHAEL MAUER, DEPOSES AND SAYS THAT HE/SHE
RESIDES AT 50 COCO LANE, NEWBURGH, NY 12550
IN THE COUNTY OF ORANGE
AND STATE OF NEW YORK
AND THAT HE/SHE IS THE OWNER IN FEE OF ROUTE 300, NEWBURGH,
NY 5/2/6 14-1-15

WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING
APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH
PLANNING BOARD AND CHARLES T. BROWN/THROTT ENGINEERING IS AUTHORIZED
TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 8/26/16


OWNERS SIGNATURE

Michael Mauer
OWNERS NAME (printed)


WITNESS' SIGNATURE

NAMES OF ADDITIONAL
REPRESENTATIVES

Katherine Miller
WITNESS' NAME (printed)

PLANNING BOARD DISCLAIMER STATEMENT
TO APPLICANTS

The applicant is advised that the Town of Newburgh Municipal Code, which contains the Town's Zoning Law, is subject to amendment. Submission of an application to this Board does not grant the applicant any right to continued review under the Code's current standards and requirements. It is possible that the applicant will be required to meet changed standards or new Code requirements made while the application is pending.

An approval by this Board does not constitute permission, nor grant any right to connect to or use municipal services such as sewer, water or roads. It is the applicant's responsibility to apply for and obtain the Town of Newburgh and other agency approvals not within this Board's authority to grant.

The applicant hereby acknowledges, consents, and agrees to the above.

8/26/18
DATED

Michael MAHER
APPLICANT'S NAME (printed)


APPLICANT'S SIGNATURE

**DISCLOSURE ADDENDUM STATEMENT TO APPLICATION,
PETITION AND REQUEST**

Mindful of the provisions of Section 809 of the General Municipal Law of the State of New York, and of the Penal provisions thereof as well, the undersigned applicant states that no State Officer, Officer or Employee of the Town of Newburgh, or Orange County, has any interest, financial or otherwise, in this application or with, or in the applicant as defined in said Statute, except the following person or persons who is or are represented to have only the following type of interest, in the nature and to the extent hereinafter indicated:

 X NONE

_____ **NAME, ADDRESS, RELATIONSHIP OR INTEREST**
(financial or otherwise)

This disclosure addendum statement is annexed to and made a part of the petition, application and request made by the undersigned applicant to the following Board or Officer of the Town of Newburgh.

- _____ **TOWN BOARD**
- _____ **PLANNING BOARD**
- _____ **ZONING BOARD OF APPEALS**
- _____ **ZONING ENFORCEMENT OFFICER**
- _____ **BUILDING INSPECTOR**
- _____ **OTHER**

 8/26/15
DATED

_____ **INDIVIDUAL APPLICANT**



CORPORATE OR PARTNERSHIP APPLICANT

BY: Michael Maher
(Pres.) Partner (Vice-Pres.)
(Sec.) (Treas.)

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All of the house and project plans on *houseplans.southernliving.com* are protected under the Federal Copyright Act, Title XVII of the United States Code. Each of our house designers retains title and ownership of the original plan documents and retains the copyright in the plans, which includes the right to control copying and alteration of the plans as well as construction of a house based on the plan. The house plan licensed to you may not be resold or used by any other person. Whether you have the right to copy or modify a house plan or to construct a house based on a plan depends on the type of plan you choose to purchase.

Copying and Modification Rights

To obtain the right to copy or modify a house plan, you must purchase a PDF Plan Set or an electronic CAD File. When you purchase a Planning Set or a Construction Set, you do not have the right to copy or modify the plan.

Construction License and Compliance with Codes

When you purchase a *Southern Living* house plan in the form of a PDF File, CAD File or Construction Set, you, as Licensee, obtain the right to use these documents to construct a single house and for no other purpose. *Southern Living* authorizes the use of these plans expressly conditioned upon your obligation and agreement to strictly comply with all local building codes, ordinances, regulations and requirements—including permits and inspections at the time of construction. Due to differences in time and place and continuing changes in national codes, the plan you order may need to be modified to comply with the codes in your area. However, purchase of a Construction Set does not give you the right to modify or copy the plan. To make modifications or copies, you must purchase a PDF Plan Set or CAD File.

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NOTE: PDF Plan Sets, Plan Customization Sets, CAD files or Planning Sets cannot be returned or exchanged for any reason. Project Plans cannot be returned or refunded.

**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 project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: CHADWICK WOODS SUBDIVISION			TED # 17100-MMR		
Project Location (describe, and attach a general location map): BEHIND AND AROUND 1743 ROUTE 300					
Brief Description of Proposed Action (include purpose or need): SUBDIVIDE AN EXISTING 15.1 ACRE VACANT PARCEL TO CREATE FOUR NEW BUILDING LOTS AND A RESIDUAL 6+ ACRE PARCEL. LOTS WILL BE SERVICED BY INDIVIDUAL WELLS AND SEPTIC SYSTEMS AND WILL ALL BE ACCESSED BY DRIVEWAYS TO NYS ROUTE 300.					
Name of Applicant/Sponsor: HUDSON ASSET HOMES, LLC/ MIKE MAHER			Telephone: 845-527-3110		
			E-Mail: MIKCHIEF99@AOL.COM		
Address: 4171 ALBANY POST ROAD					
City/PO: HYDE PARK			State: NY		Zip Code: 12538
Project Contact (if not same as sponsor; give name and title/role): (SAME)			Telephone:		
			E-Mail:		
Address:					
City/PO:			State:		Zip Code:
Property Owner (if not same as sponsor): (SAME)			Telephone:		
			E-Mail:		
Address:					
City/PO:			State:		Zip Code:

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 Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	PLANNING BOARD/ SUBDIVISION APPROVAL	1-4-2019
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ORANGE COUNTY PLANNING DEPARTMENT	1-18-2019
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDOT/ DRIVEWAY APPROVALS	1-20-2019
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?

- 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? NEWBURGH ENLARGED CITY SCHOOL DISTRICT
- b. What police or other public protection forces serve the project site?
TOWN OF NEWBURGH POLICE DEPARTMENT
- c. Which fire protection and emergency medical services serve the project site?
CROMNER VALLEY FIRE DEPARTMENT
- d. What parks serve the project site?
CHADWICK 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
- b. a. Total acreage of the site of the proposed action? 14.92 acres
b. Total acreage to be physically disturbed? 1.84 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 14.92 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
ii. Is a cluster/conservation layout proposed? Yes No
iii. Number of lots proposed? 5
iv. Minimum and maximum proposed lot sizes? Minimum 2.00 Maximum 6.69
- e. Will proposed action be constructed in multiple phases? Yes No
i. If No, anticipated period of construction: 8 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.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	4			
At completion of all phases	4			

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? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 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 proposed action cause or result in disturbance to bottom sediments? Yes No
If Yes, describe: _____

iv. Will 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: _____ 1760 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: _____

INDIVIDUAL WELLS

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

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

i. Total anticipated liquid waste generation per day: _____ 1760 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 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):

SUBSURFACE SEWERAGE DISPOSAL

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 0.78 acres (impervious surface)

_____ Square feet or 14.92 acres (parcel size)

ii. Describe types of new point sources. ROOF LEADERS

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)?

OFF SITE STREAM

- If to surface waters, identify receiving water bodies or wetlands: _____

QUASSICK CREEK

- Will stormwater runoff flow to adjacent properties? Yes No

iv. Does 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 (CO₂)
- _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
- _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
- _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (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 semi-trailer truck trips/day: _____

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.

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 8AM TO 8PM • Saturday: _____ 8AM TO 8PM • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • 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 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:

HOUSE MOUNTED LIGHTS

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 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 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): TOWN PARK

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	0.00	0.78	+0.78
• Forested	15.10	13.08	-1.84
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• 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: <u>LAWNS</u>	0.00	1.06	+1.06

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? _____ OVER 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:

<u>SWARDSWOOD & MARDIN-SXC</u>	<u>63 %</u>
<u>MARDIN-MdB, MdC</u>	<u>37 %</u>
_____	_____ %

d. What is the average depth to the water table on the project site? Average: OVER 4' feet

e. Drainage status of project site soils: Well Drained: 63 % of site
 Moderately Well Drained: 37 % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: 40 % of site
 10-15%: 60 % 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 NYS Wetland, Federal Waters Approximate Size NYS Wetland (in a...
- Wetland No. (if regulated by DEC) NB-16

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: _____
DEER, SQUIRREL, CHIPMONK, BIRDS _____
SNAKE _____

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

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

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, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Identify resource: _____	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____	
<i>iii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

F. Additional Information

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

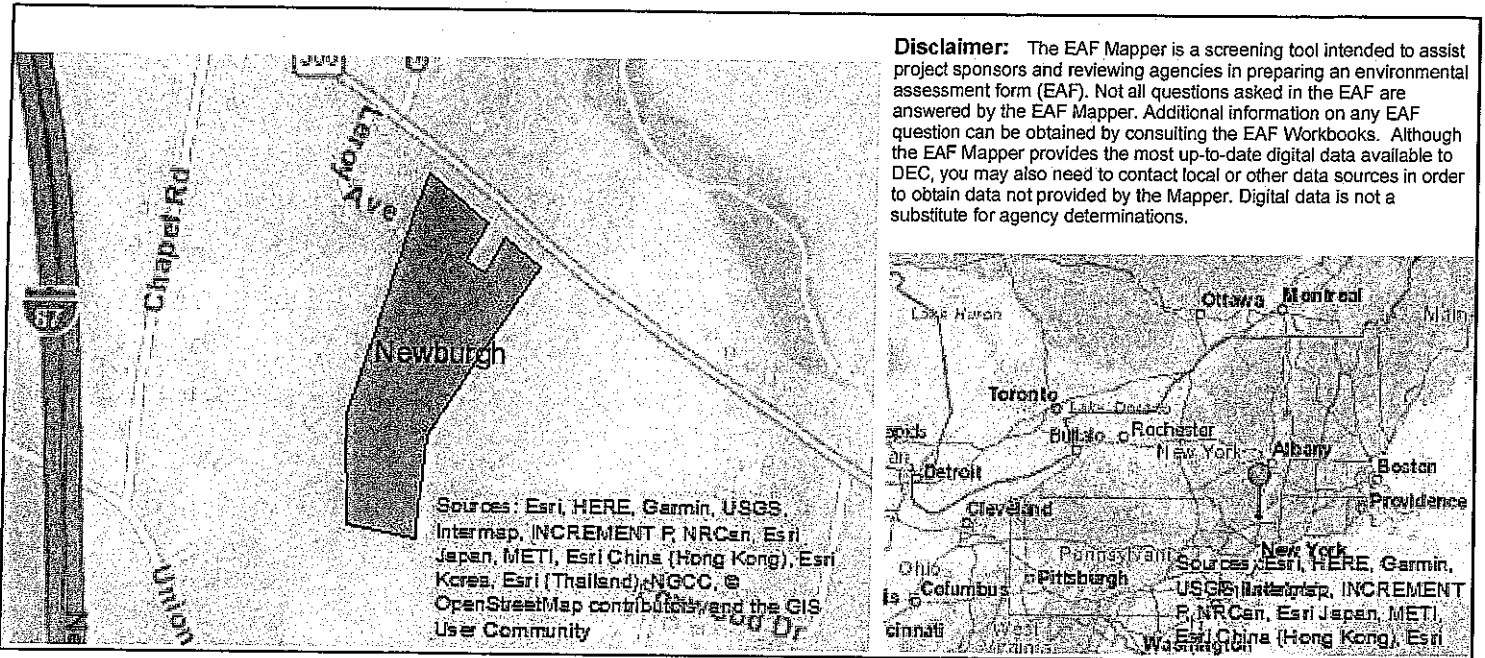
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

Applicant/Sponsor Name CHARLES T. BROWN, PE Date 1-9-2018

Signature  Title PROJECT ENGINEER



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]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Wetlands Name]	NYS Wetland, Federal Waters
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):15.5
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	NB-16
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.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 Register of Historic Places]	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

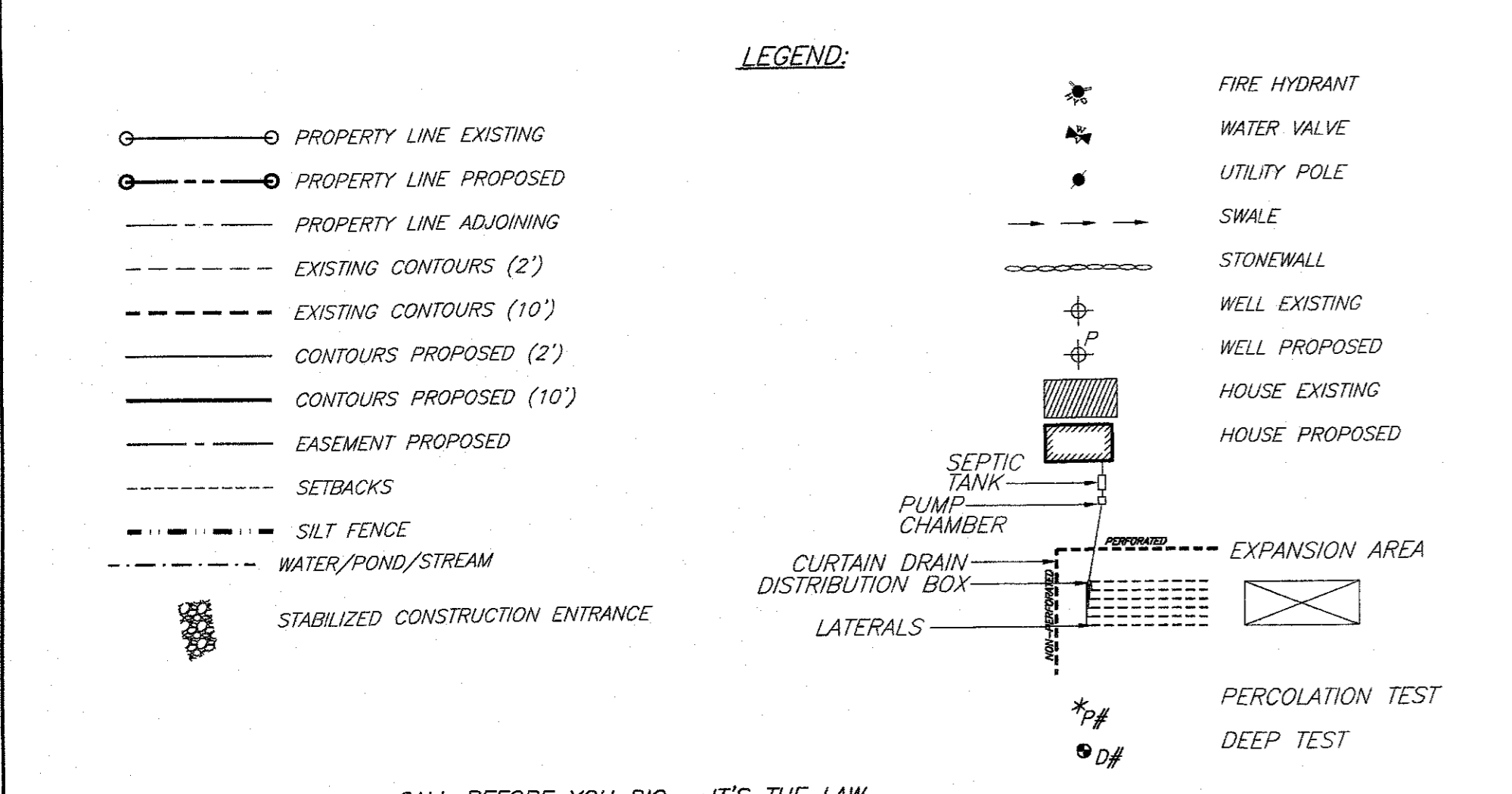
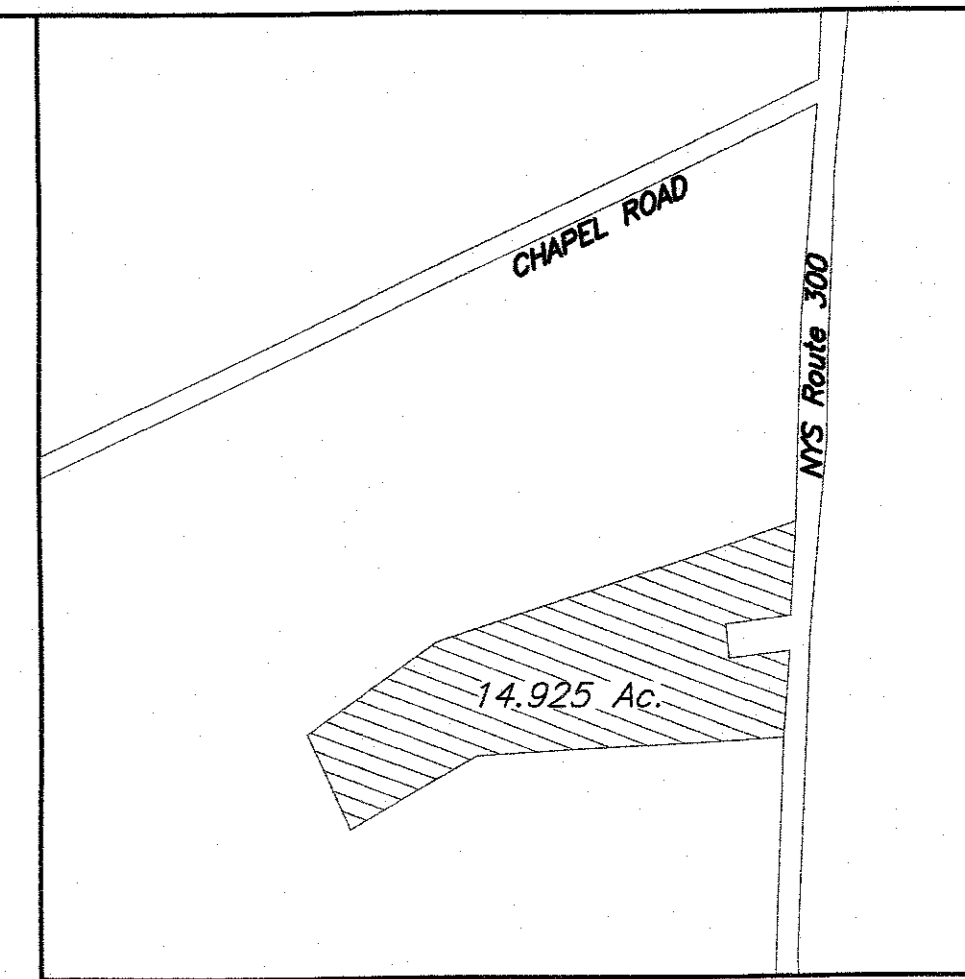
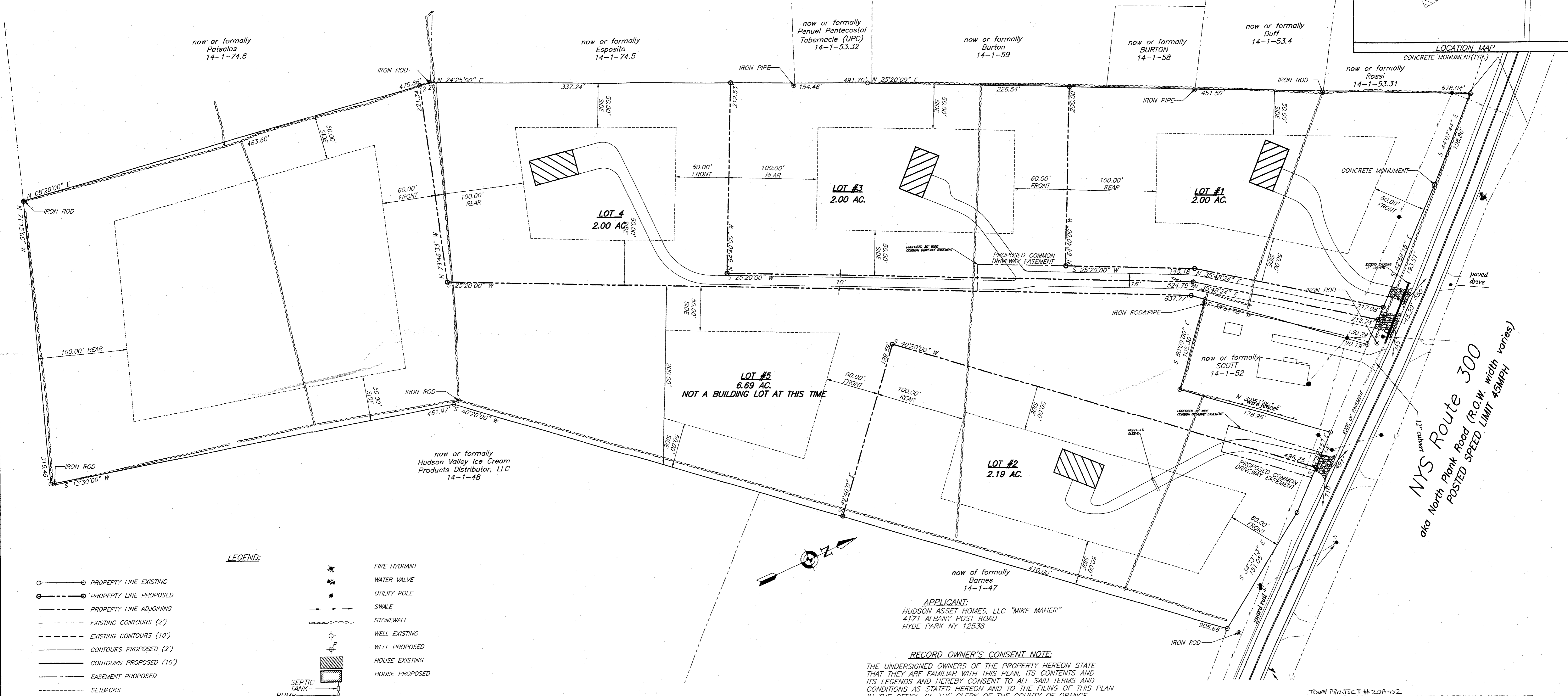
ZONING SCHEDULE

ZONE: RR
SCHOOL DISTRICT: NEWBURGH
FIRE DISTRICT: CRONOMER VALLY

	REQUIRED	LOT # 1 PROPOSED	LOT # 2 PROPOSED	LOT # 3 PROPOSED	LOT # 4 PROPOSED	LOT # 5 PROPOSED
MINIMUM LOT AREA	2 AC.	2.00 AC.	2.19 AC.	31,518sf.	2.00 AC.	6.69 AC.
MINIMUM YARDS (feet)						
FRONT	60'	60'MIN.	60'MIN.	60'MIN.	60'MIN.	60'MIN.
REAR	100'	100'MIN.	100'MIN.	100'MIN.	100'MIN.	100'MIN.
SIDE						
ONE	50'	50'MIN.	50'MIN.	50'MIN.	50'MIN.	50'MIN.
BOTH	100'	100'MIN.	100'MIN.	100'MIN.	100'MIN.	100'MIN.
MINIMUM LOT WIDTH (feet)	200'	201'	496'	216'	224'	200'
MINIMUM LOT DEPTH (feet)	300'	403'	377'	322'	322'	952'
MAXIMUM LOT SURFACE COVERAGE (%)	10%	10%MAX.	10%MAX.	10%MAX.	10%MAX.	30%MAX.
MAXIMUM HEIGHT	35'	35'MAX.	35'MAX.	35'MAX.	35'MAX.	35'MAX.
MINIMUM BUILDABLE AREA	15,000sf.	24,498sf.	27,486sf.	25,390	21,351sf	6,294sf
MAXIMUM LOT BUILDING COVERAGE	10%	<10%MAX.	<10%MAX.	<10%MAX.	<10%MAX.	<10%

LOT NOTES:

1. LOT SPECIFIC PLOT PLAN'S FOR EACH LOT SHALL BE SUBMITTED WITH EACH BUILDING PERMIT APPLICATIONS AND FOUNDATIONS, WELLS AND SEPTIC FIELDS SHALL BE STAKED OUT PER PLOT PLANS BY A LICENSED SURVEYOR PLAN PRIOR TO CONSTRUCTION.
2. AN ASBUILT SURVEY AND CERTIFICATION SHALL BE PROVIDED TO THE TOWN OF NEWBURGH CODE ENFORCEMENT DEPARTMENT PRIOR TO ISSUANCE OF A CERTIFICATION OF OCCUPANCY.



CALL BEFORE YOU DIG... IT'S THE LAW
WHETHER YOU'RE LAYING A FOUNDATION FOR A BUILDING OR PLANTING A TREE, YOU MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS - AND COSTLY - TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, 811

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY TO THE PARTIES OF INTEREST LISTED BELOW THAT THIS MAP SHOWS THE RESULTS OF AN ACTUAL SURVEY COMPLETED IN THE FIELD IN MARCH 2018
SIGNATURE _____ JONATHAN N. MILLEN, L.L.S.

APPLICANT:
HUDSON ASSET HOMES, LLC "MIKE MAHER"
4171 ALBANY POST ROAD
HYDE PARK NY 12538

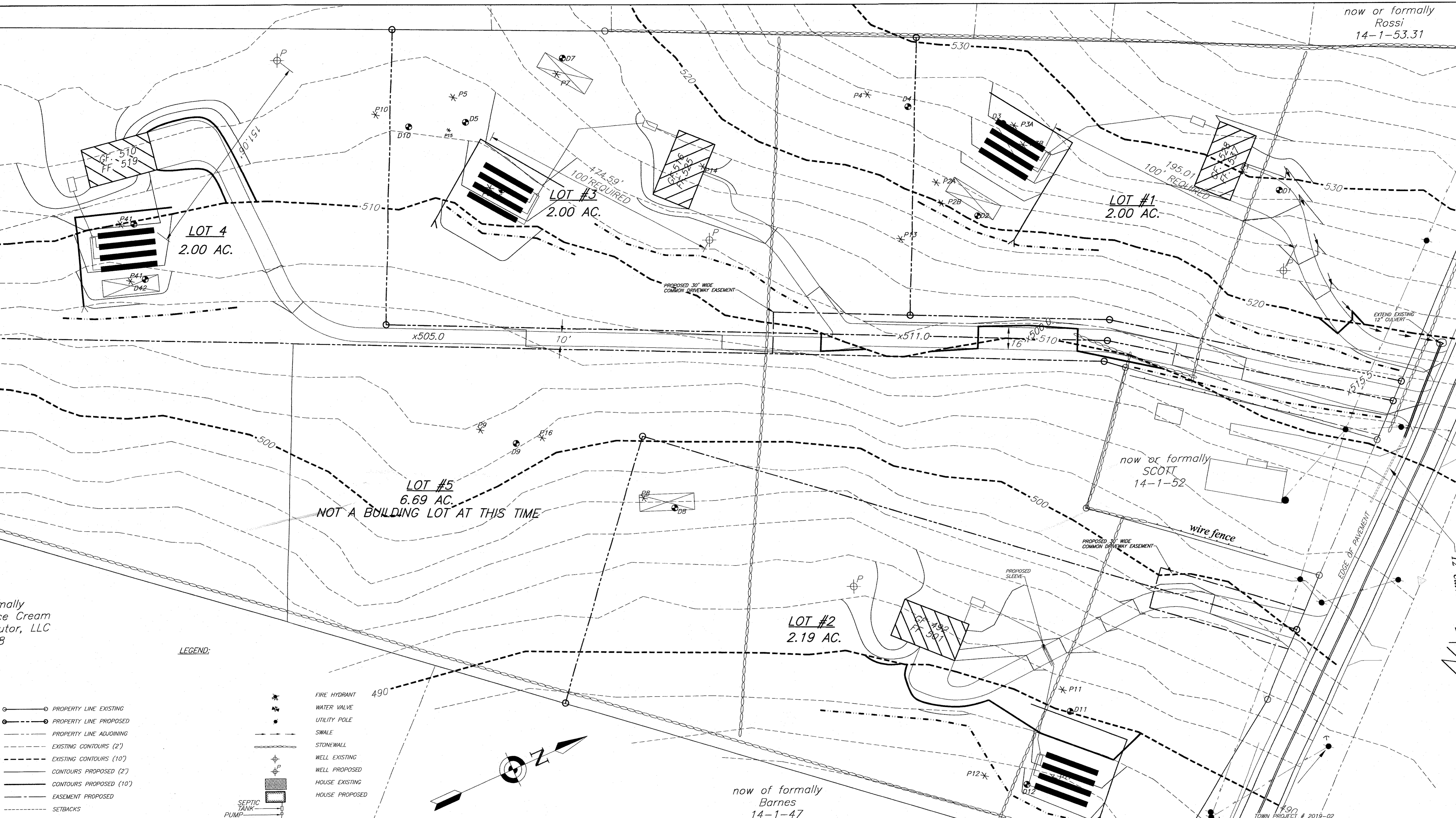
RECORD OWNER'S CONSENT NOTE:
THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS PLAN, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON AND TO THE FILING OF THIS PLAN IN THE OFFICE OF THE CLERK OF THE COUNTY OF ORANGE, IF SO REQUIRED.

RECORD OWNER'S SIGNATURE _____ HUDSON ASSET HOMES, LLC
4171 ALBANY POST ROAD
HYDE PARK NY 12538

REV.	DATE	BY	DESCRIPTION

SURVEYOR	ENGINEER	TALCOTT ENGINEERING DESIGN PLLC
JONATHAN N. MILLEN, L.L.S.	CHARLES T. BROWN, P.E.	1 GARDNERTOWN ROAD NEWBURGH, NY 12550 (845)-569-8400 (FAX)(845)-569-4583 TALCOTTDESIGN12@GMAIL.COM
PROPOSED SUBDIVISION ENTITLED CHADWICK WOODS ROUTE 300, SBL 14-1-51 TOWN OF NEWBURGH, ORANGE COUNTY, NY		
DATE: 01/09/19	SCALE: 1"=50'	JOB NUMBER: 17100-MMR
		SHEET NUMBER: 1 OF 5

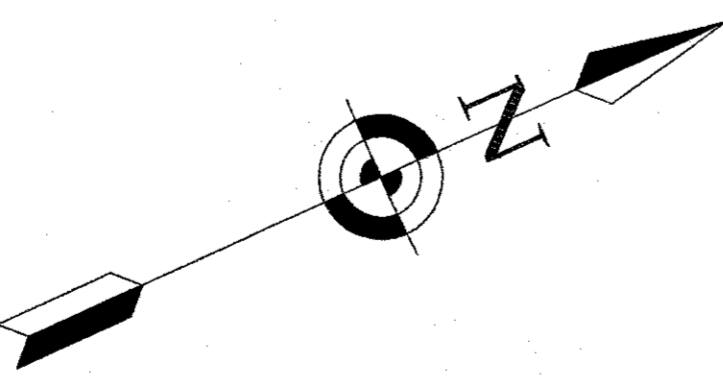
now or formally
Rossi
14-1-53.31



formally
Ice Cream
utor, LLC
8

LEGEND:

- PROPERTY LINE EXISTING
- - - PROPERTY LINE PROPOSED
- ADJOINING PROPERTY LINE
- - - EXISTING CONTOURS (2')
- - - EXISTING CONTOURS (10')
- - - CONTOURS PROPOSED (2')
- - - CONTOURS PROPOSED (10')
- - - EASEMENT PROPOSED
- - - SETBACKS
- - - SILT FENCE
- - - WATER/POND/STREAM
- STABILIZED CONSTRUCTION ENTRANCE
- FIRE HYDRANT
- WATER VALVE
- UTILITY POLE
- SWALE
- STONEMALL
- WELL EXISTING
- WELL PROPOSED
- HOUSE EXISTING
- HOUSE PROPOSED
- SEPTIC TANK
- PUMP CHAMBER
- CURTAIN DRAIN
- DISTRIBUTION BOX
- LATERALS
- EXPANSION AREA
- PERCOLATION TEST
- DEEP TEST



TOWN OF NEWBURGH CERTIFICATION:
"I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWERAGE SYSTEM DEPICTED ON THIS PLAT HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL REGULATIONS PROMULGATED THEREUNDER."

CALL BEFORE YOU DIG... IT'S THE LAW
WHETHER YOU'RE LAYING A FOUNDATION FOR A BUILDING OR PLANTING A TREE, YOU MUST FIRST CHECK FOR THE EXISTENCE OF UNDERGROUND UTILITY LINES AND CABLES. IF YOU OR YOUR CONTRACTOR DISRUPT ANY OF THESE LINES, THE RESULTS CAN BE DANGEROUS -- AND COSTLY-- TO EVERYONE. CALL BEFORE YOU DIG, TOLL FREE, 811

REVISIONS			
REV.	DATE	BY	DESCRIPTION

ENGINEER

TALCOTT ENGINEERING DESIGN PLLC
1 GARDNERTOWN ROAD
NEWBURGH, NY 12550
(845)-569-8400
(FAX)(845)-569-4583
TALCOTTDESIGN12@GMAIL.COM

PROPOSED SUBDIVISION ENTITLED
CHADWICK WOODS
ROUTE 300, SBL 14-1-51
TOWN OF NEWBURGH, ORANGE COUNTY, NY

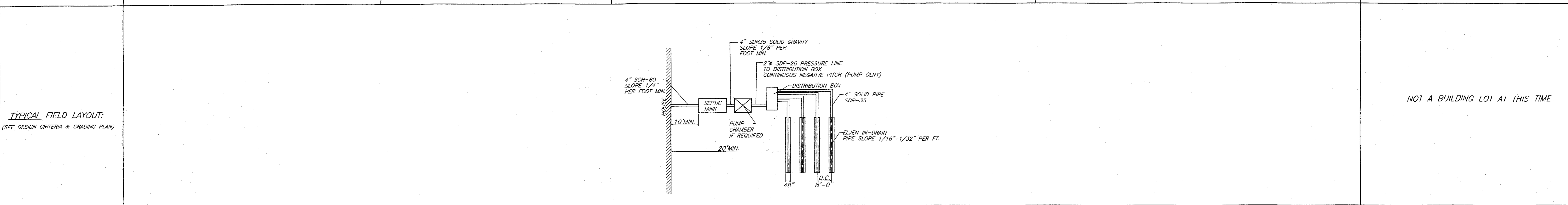
DATE: 01/09/19 SCALE: 1" = 30' JOB NUMBER: 17100-MMR SHEET NUMBER: 2 OF 5

CHARLES T. BROWN, P.E.

TOWN PROJECT # 2019-02
THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

LOT #	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5 "NOT A BUILDING LOT AT THIS TIME"
	<p>D1 60" DEEP 04/24/17 0-6" TOP SOIL 6"-28" CLAY LOAM W/GRAVEL 28"-60" CLAY LOAM W/GRAVEL "DAMP" NO ROCK, WATER, OR MOTTLING</p> <p>D2 78" DEEP 04/24/17 0-6" TOP SOIL 6"-32" CLAY LOAM 32"-78" CLAY LOAM "DAMP" NO ROCK, WATER, OR MOTTLING</p> <p>D3 88" DEEP 04/24/17 0-6" TOP SOIL 6"-55" CLAY LOAM 55"-88" CLAY LOAM "DAMP" NO ROCK, NO WATER, MOTTLING @ 55"</p>	<p>D8 60" DEEP 04/24/17 0-6" TOP SOIL 6"-60" WET CLAY LOAM NO ROCK, WATER @ 28", MOTTLING @ 28"</p> <p>D11 72" DEEP 04/24/17 0-6" TOP SOIL 6"-72" CLAY LOAM NO ROCK, WATER @ 50", NO MOTTLING</p> <p>D12 72" DEEP 04/24/17 0-6" TOP SOIL 6"-72" CLAY LOAM NO ROCK, WATER @ BOTTOM, MOTTLING @ 46"</p>	<p>D4 84" DEEP 04/24/17 0-6" TOP SOIL 6"-42" CLAY LOAM 42"-84" CLAY LOAM W/SMALL STONES "DAMP" NO ROCK, WATER, OR MOTTLING</p> <p>D5 60" DEEP 04/24/17 0-6" TOP SOIL 6"-60" CLAY LOAM NO ROCK, WATER @ 12", MOTTLING @ 12"</p> <p>D6 60" DEEP 4/24/17 0-6" TOP SOIL 6"-40" CLAY LOAM 40"-60" WET CLAY LOAM W/GRAVEL NO ROCK, WATER @ 40", MOTTLING @ 40"</p> <p>D7 60" DEEP 4/24/17 0-12" TOP SOIL 12"-60" WET CLAY LOAM NO ROCK, WATER @ 24", MOTTLING @ 24"</p>	<p>D41 72" DEEP 04/24/17 0-6" TOP SOIL 6"-24" CLAY LOAM W/GRAVEL 24"-72" CLAY LOAM NO ROCK, WATER SEEGE @ 30"</p> <p>D42 72" DEEP 04/24/17 0-6" TOP SOIL 6"-24" CLAY LOAM W/GRAVEL 24"-72" CLAY LOAM NO ROCK, WATER SEEGE @ 30"</p>	<p>D9 60" DEEP 04/24/17 0-6" TOP SOIL 6"-60" CLAY LOAM W/STONES NO ROCK, WATER @ 40", NO MOTTLING</p>

	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5 "NOT A BUILDING LOT AT THIS TIME"	
DEEP TEST DATA:	<p>* P1 15" DEEP 04/24/17 FINISH 3:55 4:22 4:50 START 3:11 3:55 4:23 TIME :24 :27 :27 STABILIZED PERCOLATION RATE: 27 MINUTES /INCH</p> <p>* P2A 12" DEEP 06/15/17 FINISH 2:20 2:38 3:20 4:05 4:09 START 2:12 2:21 2:39 3:22 4:06 TIME :08 :17 :41 :43 :43 STABILIZED PERCOLATION RATE: 43 MINUTES /INCH</p> <p>* P2B 24" DEEP 06/15/17 FINISH 1:10 1:47 2:32 3:29 4:49 START 12:52 1:11 1:48 2:35 3:30 TIME :18 :36 :44 :54 :54 STABILIZED PERCOLATION RATE: 54 MINUTES /INCH</p> <p>* P3A 12" DEEP 06/15/17 FINISH 2:21 2:30 2:39 START 2:14 2:22 2:31 TIME :07 :08 :08 STABILIZED PERCOLATION RATE: 8 MINUTES /INCH</p> <p>* P3B 24" DEEP 06/15/17 FINISH 1:24 2:03 2:44 3:27 START 12:55 1:25 2:04 2:38 3:29 TIME :29 :38 :40 :49 :49 STABILIZED PERCOLATION RATE: 49 MINUTES /INCH</p>	<p>* P8 12" DEEP 07/20/17 FINISH 12:41 1:05 3:12 START 1:03 1:50 3:57 TIME :22 :45 :45 STABILIZED PERCOLATION RATE: 45 MINUTES /INCH</p> <p>* P11 12" DEEP 11/08/17 FINISH 2:39 3:45 4:51 START 1:52 2:39 3:45 TIME :47 :66 :66 STABILIZED PERCOLATION RATE: 66 MINUTES /INCH</p> <p>* P12 12" DEEP 11/08/17 FINISH 1:45 3:40 4:40 START 2:40 2:40 3:40 TIME :55 :60 :60 STABILIZED PERCOLATION RATE: 60 MINUTES /INCH</p> <p>* P17 12" DEEP 07/03/18 FINISH 3:41 3:47 3:54 START 3:39 3:41 3:48 TIME :02 :06 :06 STABILIZED PERCOLATION RATE: 6 MINUTES /INCH</p>	<p>* P4 16" DEEP 06/15/17 FINISH 3:42 4:10 4:40 START 3:29 3:43 4:13 TIME :13 :27 :27 STABILIZED PERCOLATION RATE: 27 MINUTES /INCH</p> <p>* P5 12" DEEP 06/16/17 FINISH 2:27 3:05 3:53 4:40 START 2:20 2:30 3:08 3:55 TIME :07 :35 :45 :45 STABILIZED PERCOLATION RATE: 45 MINUTES /INCH</p> <p>* P6 12" DEEP 06/16/18 FINISH 12:40 1:30 2:18 START 12:20 12:43 1:31 TIME :20 :47 :47 STABILIZED PERCOLATION RATE: 47 MINUTES /INCH</p> <p>* P7 12" DEEP 06/16/18 FINISH 10:28 11:21 12:15 START 10:17 10:29 11:25 TIME :11 :50 :50 STABILIZED PERCOLATION RATE: 50 MINUTES /INCH</p>	<p>* P10 12" DEEP 11/08/17 FINISH 12:34 12:44 1:57 4:07 START 11:40 1:40 2:57 3:07 TIME :54 :56 :60 :60 STABILIZED PERCOLATION RATE: 60 MINUTES /INCH</p> <p>* P13 12" DEEP 07/03/18 FINISH 11:26 11:30 11:35 START 11:24 11:26 11:31 TIME :02 :04 :04 STABILIZED PERCOLATION RATE: 4 MINUTES /INCH</p> <p>* P14 12" DEEP 07/03/18 FINISH 12:02 12:30 12:57 START 11:51 12:04 12:31 TIME :11 :26 :26 STABILIZED PERCOLATION RATE: 26 MINUTES /INCH</p> <p>* P15 12" DEEP 07/03/18 FINISH 1:35 1:49 2:02 START 1:24 1:37 1:50 TIME :11 :12 :12 STABILIZED PERCOLATION RATE: 12 MINUTES /INCH</p>	<p>* P41 10" DEEP 12/20/18 FINISH 1:31 2:29 3:27 START 12:47 1:32 2:30 TIME :44 :57 :57 STABILIZED PERCOLATION RATE: 57 MINUTES /INCH</p> <p>* P42 6" DEEP 12/20/18 FINISH 1:12 1:20 1:38 2:02 2:49 START 1:05 1:12 1:21 1:38 2:14 TIME :07 :08 :17 :24 :25 STABILIZED PERCOLATION RATE: 25 MINUTES /INCH</p>	<p>* P9 12" DEEP 07/120/17 FINISH 12:05 12:57 1:48 2:39 START 11:30 12:11 12:48 1:49 TIME :35 :46 :50 :50 STABILIZED PERCOLATION RATE: 50 MINUTES /INCH</p> <p>* P16 12" DEEP 07/03/18 FINISH 2:36 2:44 2:53 START 2:33 2:37 2:46 TIME :03 :07 :07 STABILIZED PERCOLATION RATE: 7 MINUTES /INCH</p>
PERCOLATION DATA:	USED FOR DESIGN	USED FOR DESIGN	USED FOR DESIGN	USED FOR DESIGN	USED FOR DESIGN	



	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5 "NOT A BUILDING LOT AT THIS TIME"
SEPTIC DESIGN CRITERIA:	<ol style="list-style-type: none"> NO. OF BEDROOMS- 4 SEPTIC TANK DESIGN-1,250 GAL STABILIZED PERCOLATION RATE- 31-45 MIN FLOW RATE (GALS /DAY)- 440 DESIGN LENGTHS: 4 ROWS OF 10 ELJEN UNITS(40'ROWS) = 40 units total((37units REQ'D) * SHALLOW FILL SYSTEM(18") CURTAIN DRAIN REQUIRED 	<ol style="list-style-type: none"> NO. OF BEDROOMS- 4 SEPTIC TANK DESIGN-1,250 GAL STABILIZED PERCOLATION RATE- 31-45 MIN FLOW RATE (GALS /DAY)- 440 DESIGN LENGTHS: 4 ROWS OF 10 ELJEN UNITS(40'ROWS) = 40 units total((37units REQ'D) * SHALLOW FILL SYSTEM(18") CURTAIN DRAIN REQUIRED RESERVE AREA REQUIRED PUMP CHAMBER 	<ol style="list-style-type: none"> NO. OF BEDROOMS- 4 SEPTIC TANK DESIGN-1,250 GAL STABILIZED PERCOLATION RATE- 45-60 MIN FLOW RATE (GALS /DAY)- 440 DESIGN LENGTHS: 4 ROWS OF 10 ELJEN UNITS(40'ROWS) = 40 units total((37units REQ'D) * SHALLOW FILL SYSTEM CURTAIN DRAIN REQUIRED RESERVE AREA REQUIRED PUMP CHAMBER 	<ol style="list-style-type: none"> NO. OF BEDROOMS- 4 SEPTIC TANK DESIGN-1,250 GAL STABILIZED PERCOLATION RATE- 46-60 MIN FLOW RATE (GALS /DAY)- 440 DESIGN LENGTHS: 4 ROWS OF 11 ELJEN UNITS(44'ROWS) = 44 units total((41units REQ'D) * SHALLOW FILL SYSTEM(18") CURTAIN DRAIN REQUIRED 	NOT A BUILDING LOT AT THIS TIME

* SEWAGE DISPOSAL SYSTEMS MUST BE CONSTRUCTED USING THE "ELJEN B43 GSF TRENCH" AS MANUFACTURED BY ELJEN SYSTEMS. SEE ELJEN SYSTEMS NOTES AND DETAILS ON SHEET 4

REVISIONS			
REV.	DATE:	BY:	DESCRIPTION:

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

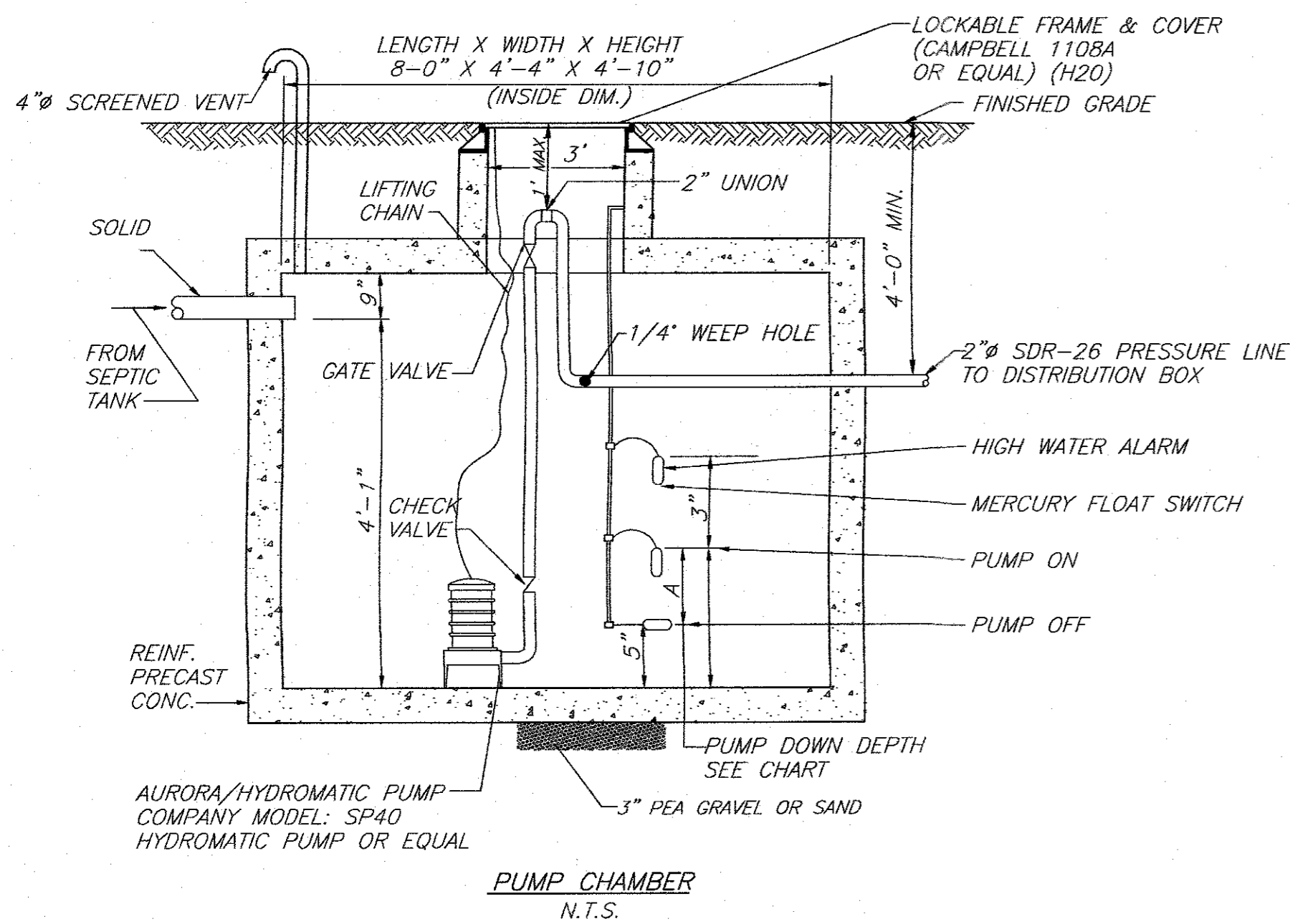
ENGINEER

TALCOTT ENGINEERING DESIGN PLLC
 1 GARDNERTOWN ROAD
 NEWBURGH, NY 12550
 (845)-569-8400
 (FAX)(845)-569-4583
 TALCOTTDESIGN12@GMAIL.COM

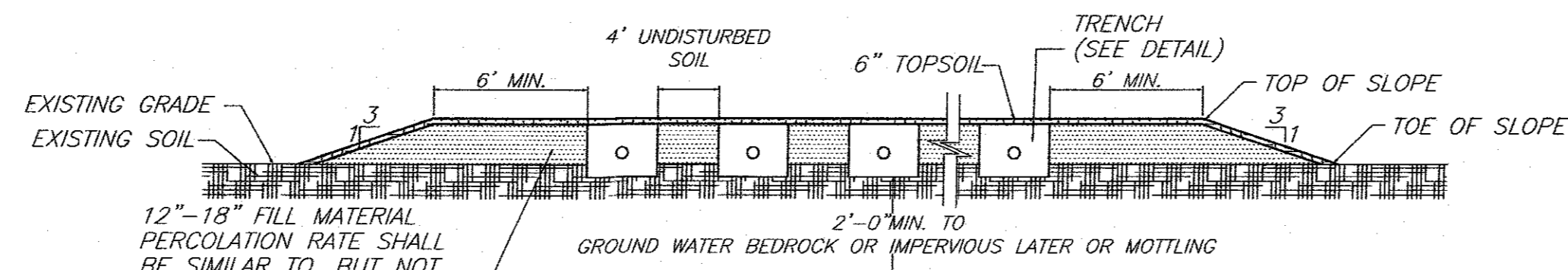
PROPOSED SUBDIVISION ENTITLED CHADWICK WOODS
 ROUTE 300, SBL 14-1-51
 TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE: 01/11/19 SCALE: N.T.S. JOB NUMBER: 17100- MMR SHEET NUMBER: 3 OF 5

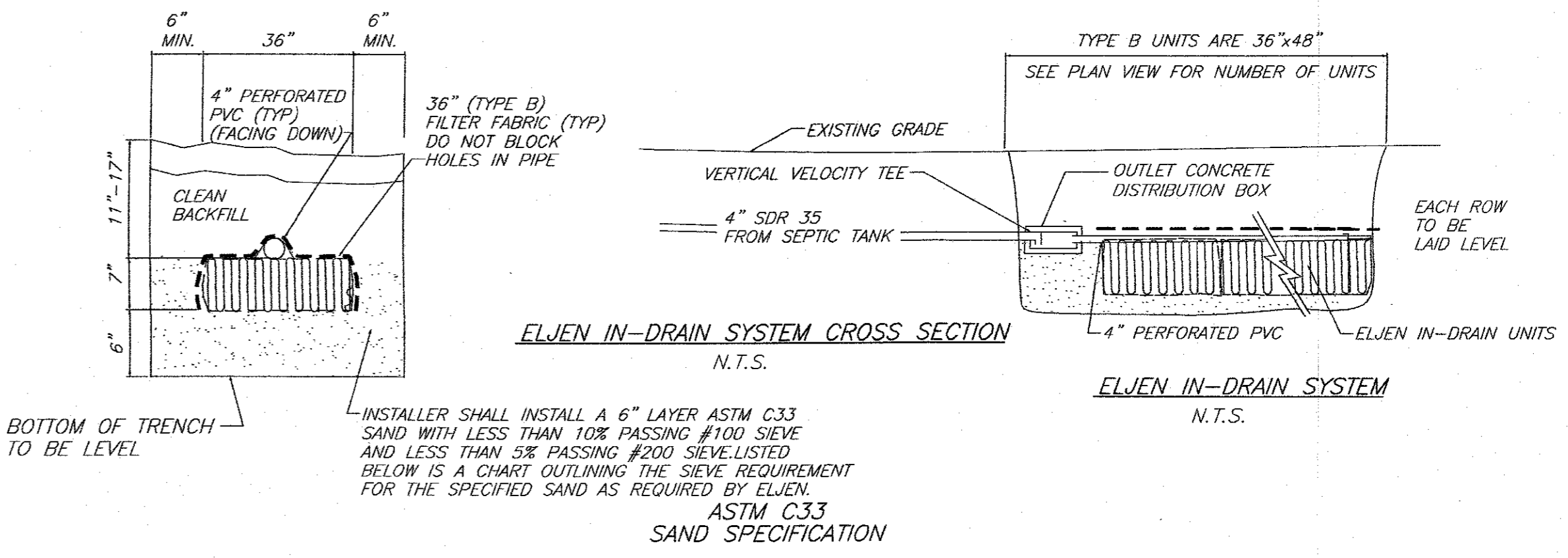
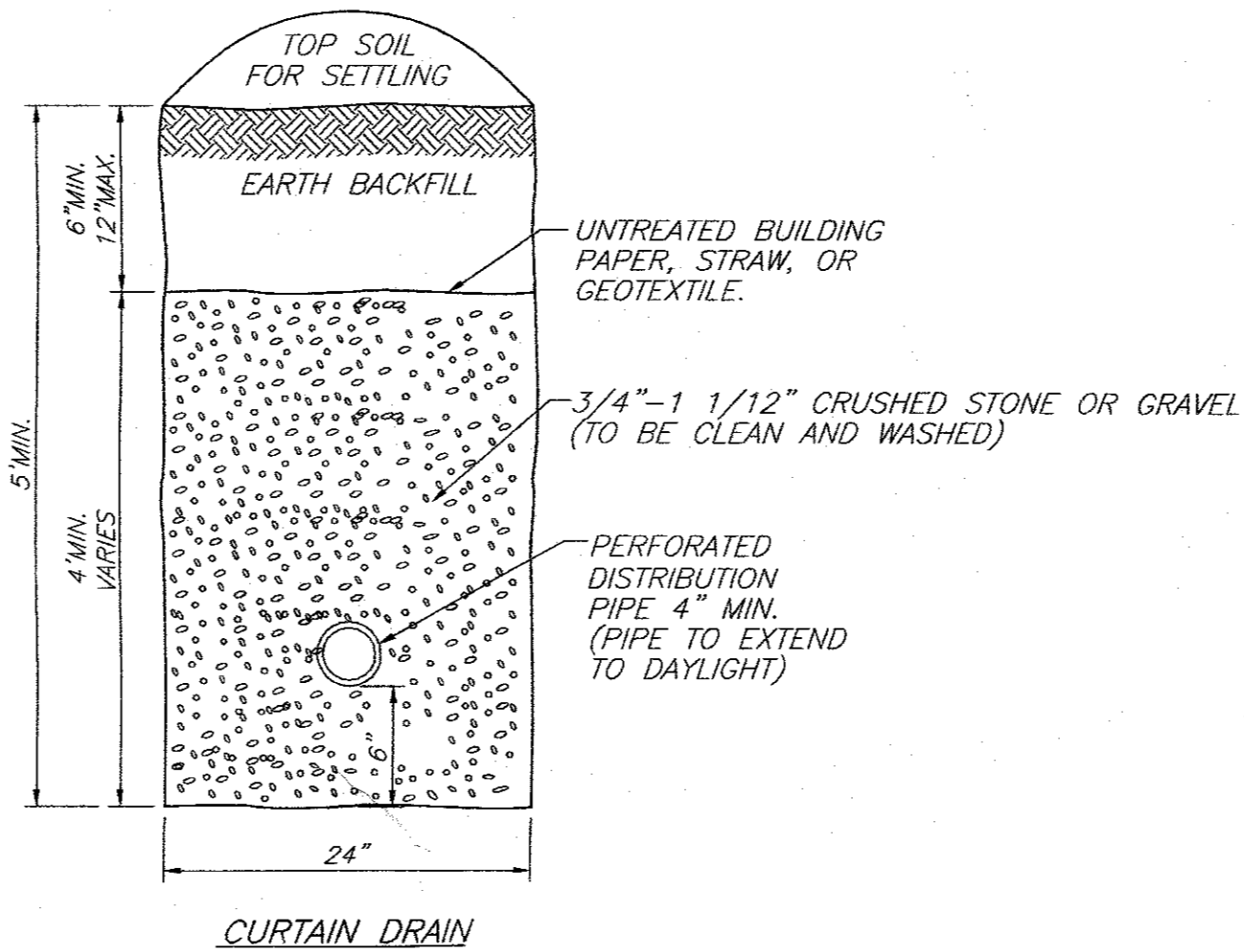
CHARLES T. BROWN, P.E.



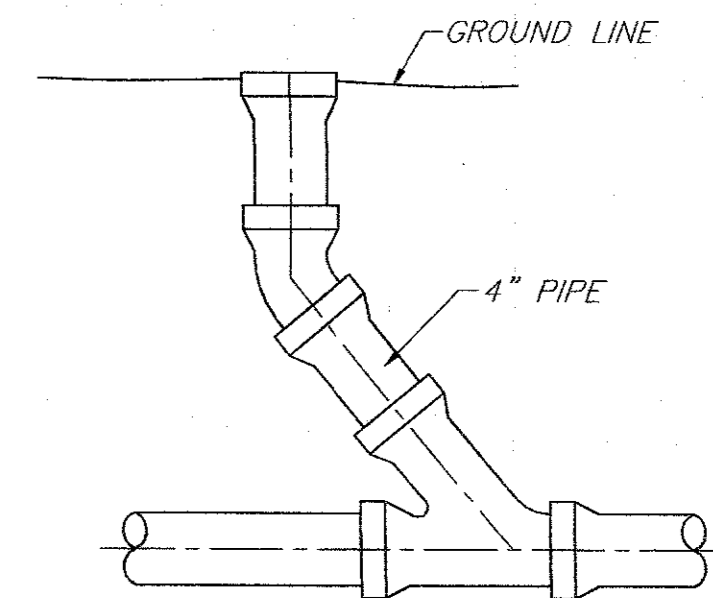
- PUMP CHAMBER NOTES:**
- CONTRACTOR SHALL DETERMINE LENGTHS OF REQUIRED ELECTRICAL CABLE AND AVAILABLE VOLTAGE PRIOR TO ORDERING EQUIPMENT.
 - ALL WIRING SHALL CONFORM TO NATIONAL ELECTRICAL CODE & LOCAL CODE REQUIREMENTS.
 - THE POWER AND CONTROL WIRING SHALL BE MADE DIRECTLY TO THE CONTROL PANEL WITHOUT AND OUTSIDE SPLICES. CONTROL PANEL TO BE LOCATED INSIDE BASEMENT OF HOUSE AUDIBLE ALARMS AND FLASHING LIGHT.
 - A N.Y.S. PROFESSIONAL ENGINEER MUST CERTIFY TO THE CONSTRUCTION OF THE SYSTEM.
 - QUANTITY Dosed IS BASED UPON 3.5GAL/ELJEN UNIT AND 100% OF FORCE MAIN.
 - QUANTITY STORED IS BASED UPON (1) DAYS FLOW MINIMUM.
 - AS-BUILT MUST SHOW FORCE MAIN LOCATION.



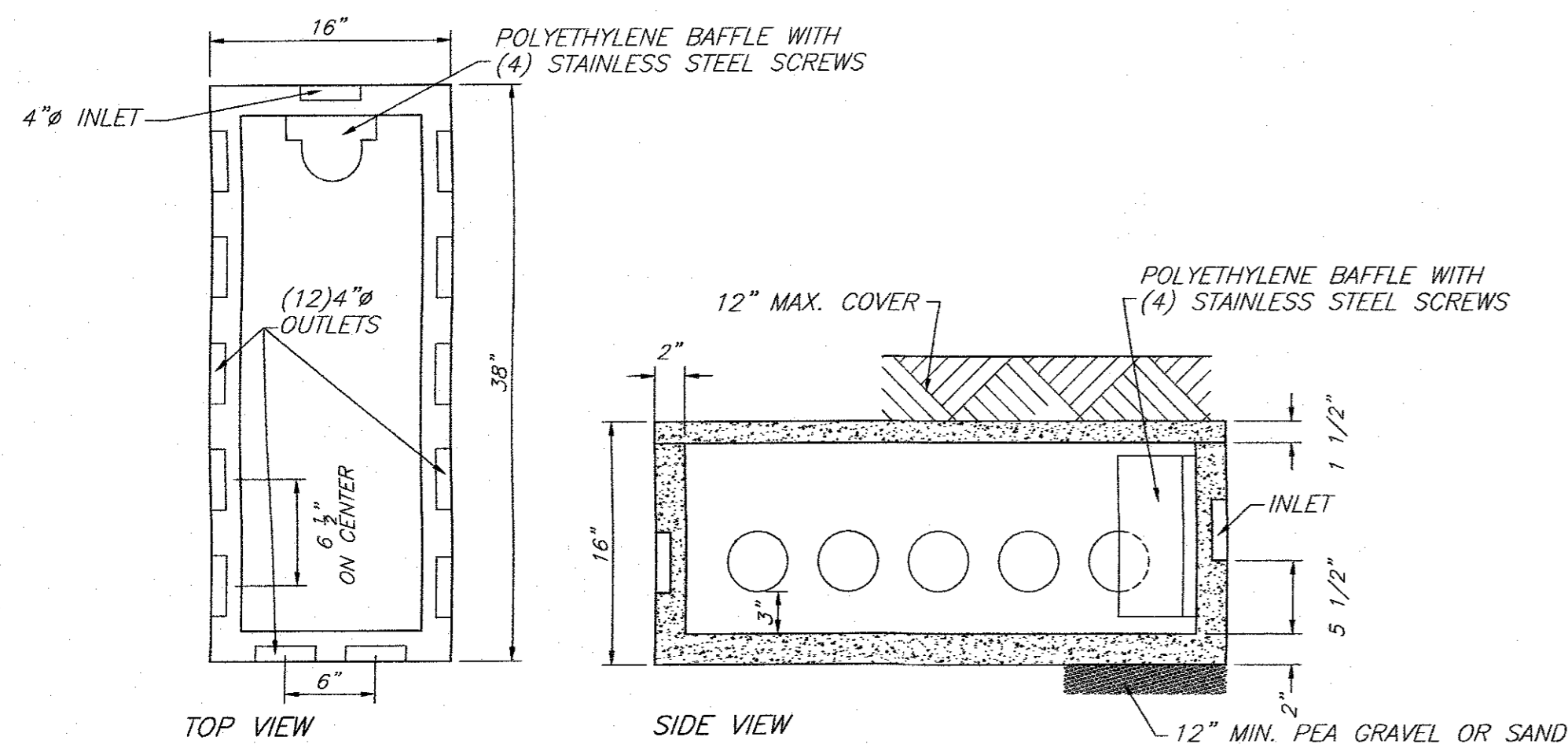
- NOTES:**
- BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL
 - MAXIMUM DEPTH OF USABLE FILL PLUS 6" OF TOPSOIL SHALL NOT EXCEED 30".
 - MAXIMUM COVER OVER TRENCH AGGREGATE SHALL NOT EXCEED 12".



SIEVE SIZE	SIEVE SQUARE OPENING SIZE	SPECIFICATIONS PERCENT PASSING (WET SIEVE)
0.375"	9.5mm	100.0-100.0
#4	4.75mm	95.0-100.0
#8	2.36mm	80.0-100.0
#16	1.18mm	50.0-85.0
#30	600um	25.0-60.0
#50	300um	5.0-30.0
#100	150um	<10.0
#200	75um	<5.0



TO BE INSTALLED BEFORE BEND AT ALL BEND LOCATIONS AND AT EVERY 75' OF STRAIGHT PIPE. (DO NOT USE WITH PUMP CHAMBER)



SPECIFICATIONS

CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS

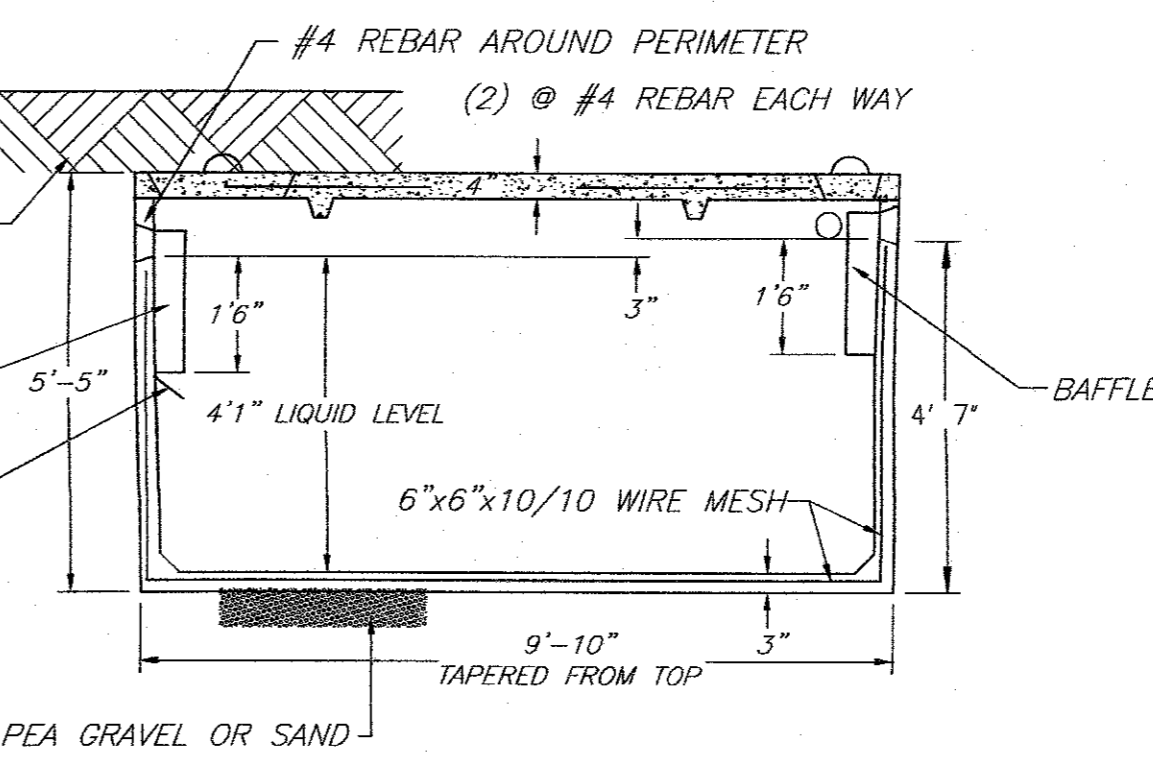
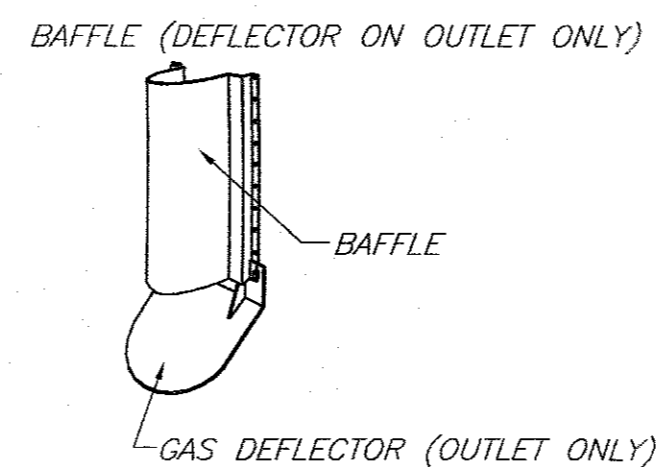
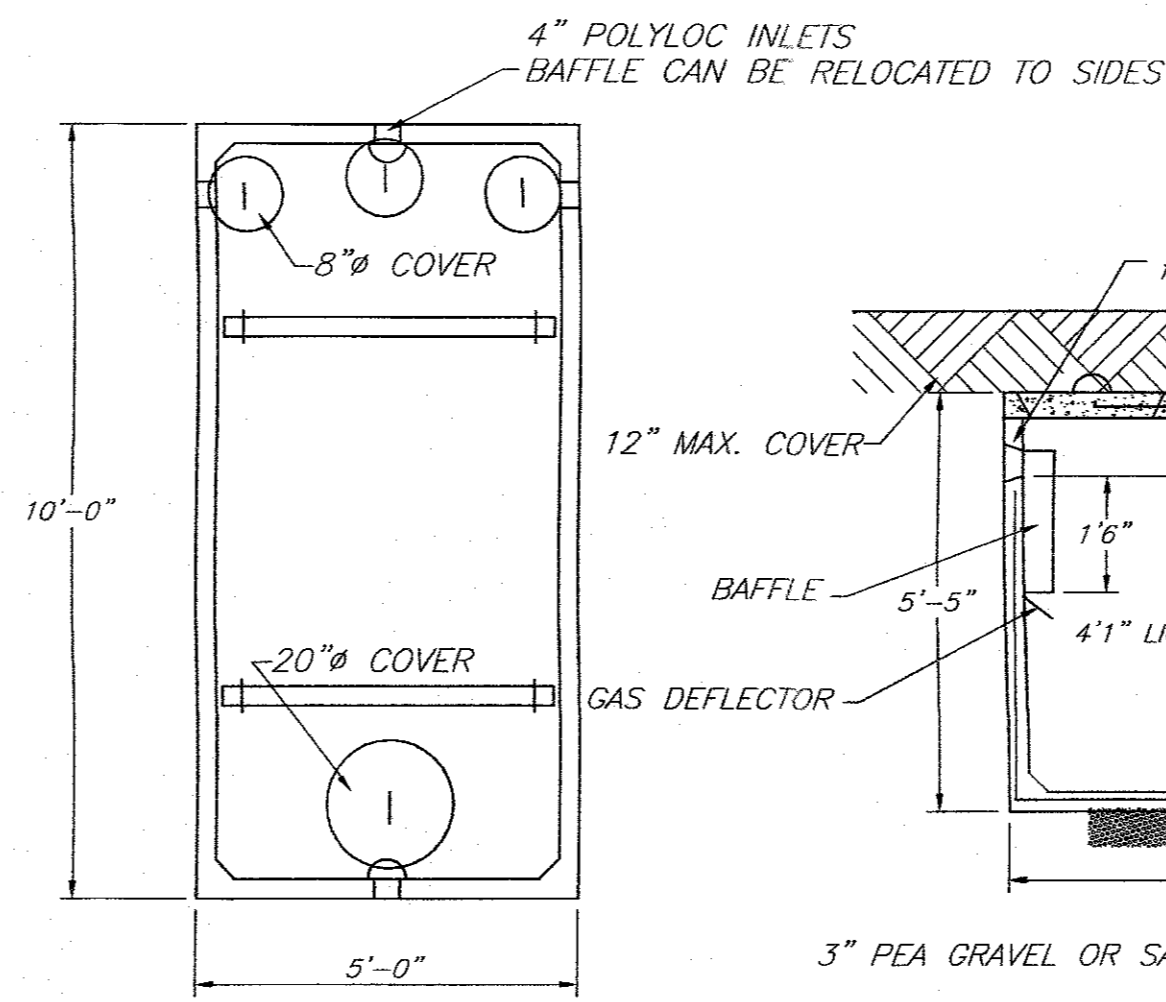
REINFORCEMENT- 6"x6"10GA. WIRE MESH

AIR ENTRAPMENT- 5%

PIPE CONNECTION- POLYLOK SEAL (PATENTED)

LOAD RATING- 300PSF WEIGHT= 325 LBS.

- WOODARD'S SPEED LEVELER FSL-4**
N.T.S.
- INSERT A SPEED LEVELER IN THE END OF ALL OUTLET PIPES IN THE DROPBOX.
 - ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY.



SPECIFICATIONS

CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS

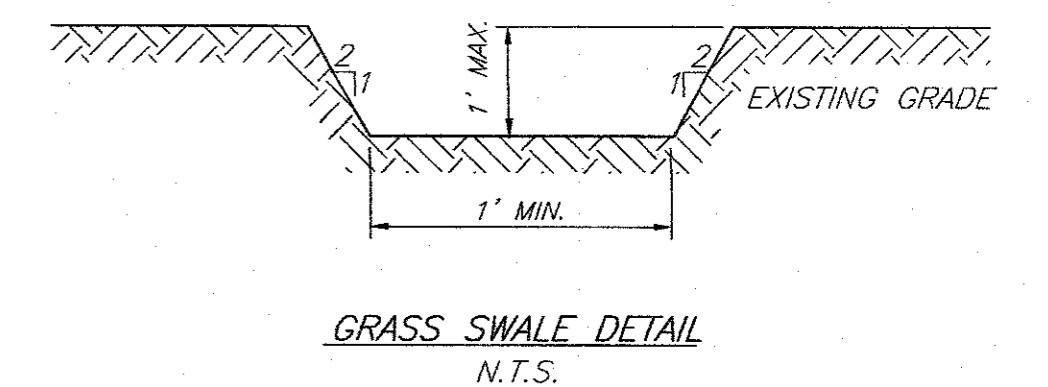
REINFORCEMENT- 6"x6"10GA. W.W.F. #4 REBAR

AIR ENTRAPMENT- 5%

CONSTRUCTION JOINT- BUTYL RUBBER - BASE CEMENT

PIPE CONNECTION- POLYLOK SEAL (PATENTED)

LOAD RATING- 300PSF WEIGHT = 9,500LBS



REVISIONS

REV.	DATE	BY	DESCRIPTION
2			
1			

THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

ENGINEER

TALCOTT ENGINEERING DESIGN PLLC

1 GARDNERTOWN ROAD
NEWBURGH, NY 12550
(845)-563-8400
(FAX)(845)-563-4583
TALCOTTDEN12@GMAIL.COM

PROPOSED SUBDIVISION ENTITLED CHADWICK WOODS

ROUTE 300, SBL 14-1-51

TOWN OF NEWBURGH, ORANGE COUNTY, NY

DATE: 01/11/19 SCALE: N.T.S. JOB NUMBER: 17100- MMR SHEET NUMBER: 4 OF 5

CHARLES T. BROWN, P.E.

CONSTRUCTION SCHEDULE FOR EACH LOT

1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2. FLAG THE WORK LIMITS
3. HOLD PRE-CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.
4. INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT.
5. INSTALL SILT FENCE
6. COMPLETE SITE CLEARING
7. ROUGH GRADE SITE, STOCKPILE TOPSOIL, INSTALL DRIVEWAY CULVERT
8. EXCAVATE FOR FOUNDATION
9. BUILD FOUNDATION
10. FRAME HOUSE
11. BACKFILL FOUNDATION
12. FINISH THE SLOPES AROUND BUILDINGS AS SOON AS ROUGH GRADING IS COMPLETE. LEAVE THE SURFACE SLIGHTLY ROUGHENED AND VEGETATE AND MULCH IMMEDIATELY.
13. COMPLETE FINAL GRADING FOR DRIVEWAY AND BUILDING.
14. AFTER THE SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES AND INSTALL PERMANENT VEGETATION ON THE DISTURBED AREAS.
15. ESTIMATED TIME BEFORE FINAL STABILIZATION--9 MONTHS.

SEPTIC SYSTEM GENERAL NOTES:

1. ALL PORTIONS OF THE SEPTIC FIELD WILL BE A MINIMUM DISTANCE OF 200 FEET UP SLOPE AND 100 FEET DOWN SLOPE FROM ANY WELL.
2. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM ANY BUILDING OR PROPERTY LINE AND 50' FROM WELLS.
3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN OR INTO THE VICINITY OF ABSORPTION FIELD.
4. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE CONSTRUCTED OVER ANY PORTION OF THE ABSORPTION FIELD.
5. NO TRENCHES TO BE INSTALLED IN WET SOIL.
6. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
7. GROUT ALL PIPE PENETRATIONS TO CONC. SEPTIC TANK & DISTRIBUTION BOX.
8. DISTRIBUTION LINES ARE TO BE CAPPED.
9. THE PERIMETER OF THE ABSORPTION FIELD SHOULD BE GRADED TO DIVERT SURFACE WATER.
10. ALL NEWLY DISTURBED AREAS SHALL BE IMMEDIATELY STABILIZED UPON CONSTRUCTION COMPLETION USING GRASS SEED & MULCH.
11. NO SEWAGE SYSTEM SHALL BE PLACED WITHIN 100' OF ANY WATER COURSE OR 35' DRAINAGE DITCH.
12. ALL LAUNDRY AND KITCHEN WASTES SHALL BE DISCHARGED INTO SEWAGE SYSTEM.
13. BENDS SHALL BE USED WHEN ENTRANCE OR EXIT FROM SEPTIC TANK IS NOT APPROXIMATELY STRAIGHT. IF BENDS ARE USED AT POINTS OTHER THAN ENTRANCE OR EXIT POINTS, THEN A CLEANOUT IS REQUIRED.
14. THE DESIGN AND LOCATION OF THE SANITARY FACILITIES SHALL NOT BE CHANGED WITHOUT RESUBMISSION FOR APPROVAL.
15. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION.
16. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS, OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOMMODATE FOR THESE.
17. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
18. THE PURCHASER OF THIS LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES.
19. THE DESIGN ENGINEER WILL BE REQUIRED TO CERTIFY THE COMPLETED DISPOSAL FACILITY.
20. AN ASBUILT SURVEY AND CERTIFICATION SHALL BE PROVIDED TO THE TOWN OF NEWBURGH CODE ENFORCEMENT DEPARTMENT PRIOR TO ISSUANCE OF A CERTIFICATION OF OCCUPANCY.

STANDARD NOTES:

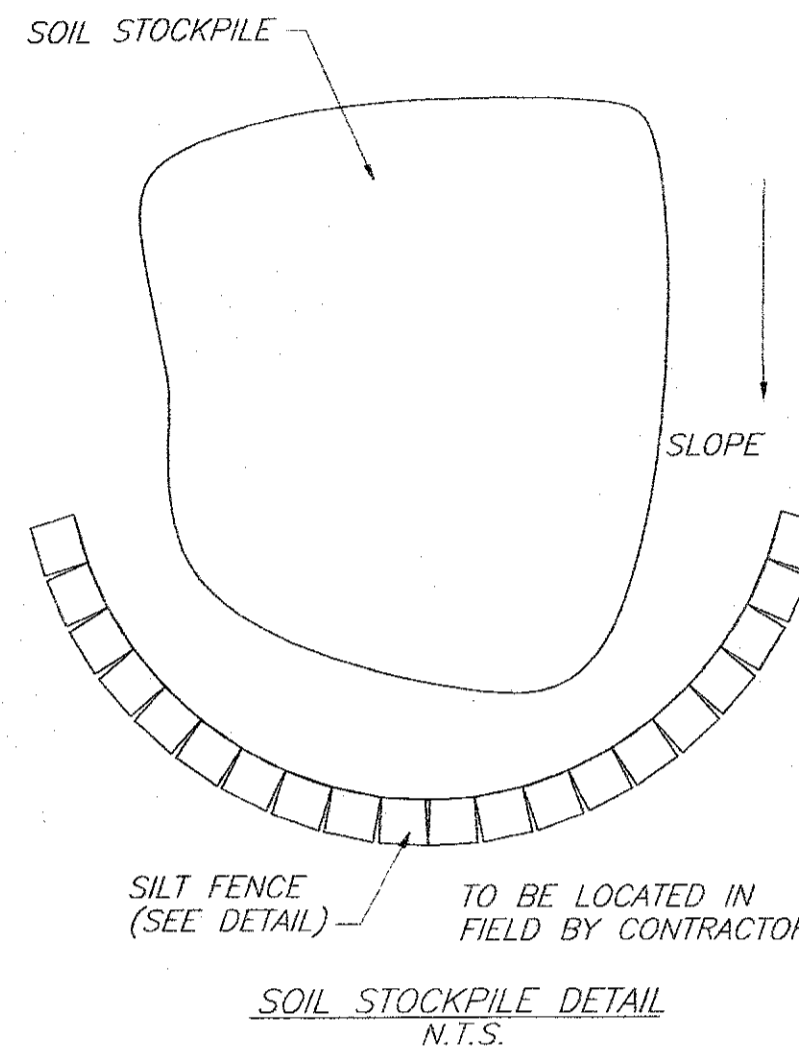
THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

- "APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."
- "WASTE TREATMENT HANDBOOK, INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE DEPARTMENT OF HEALTH."
- "RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH."
- "PLANNING THE SUBDIVISION AS PART OF THE TOTAL ENVIRONMENT, NEW YORK STATE DEPARTMENT OF HEALTH."

THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.

ALL WELLS AND S.D.S. EXISTING OR APPROVED WITHIN 200' OF THE PROPOSED WELLS AND S.D.S. ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE S.D.S. AND WELL. IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE CERTIFYING ENGINEER THAT THE SEPTIC TANK IS SEALED, WATER TIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AS A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

TRENCH BOTTOMS TO BE SET LEVEL AND PARALLEL TO EXISTING CONTOURS. MAXIMUM DEPTH OF USABLE FILL PLUS 6" OF TOPSOIL SHALL NOT EXCEED 30".



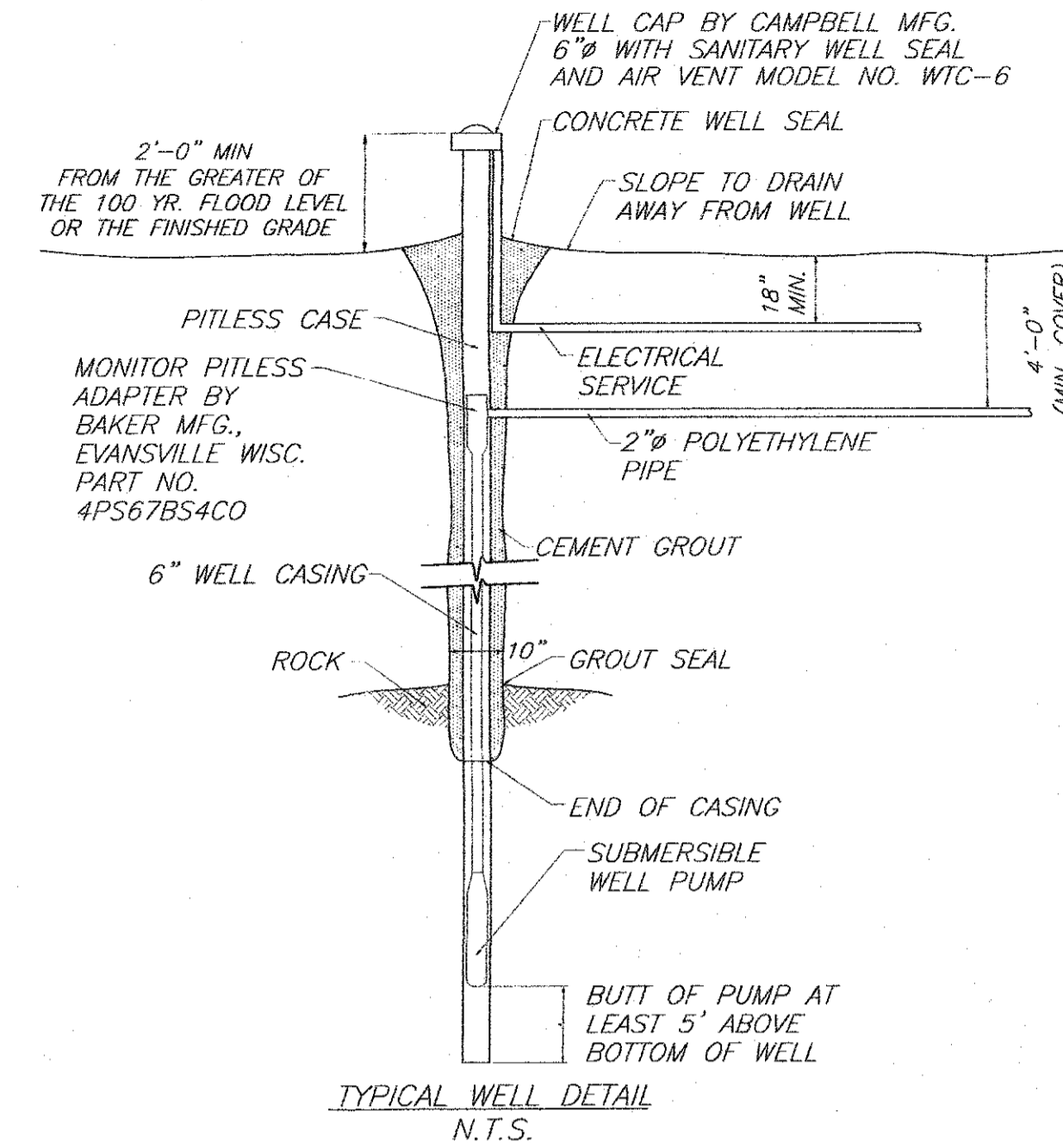
VEGETATION REQUIREMENTS

- 1.) SITE PREPARATION
 - A. INSTALL NEEDED WATER AND EROSION CONTROL MEASURES AND BRING AREA TO BE SEED TO DESIRED GRADES USING A MINIMUM OF 4 IN. TOPSOIL.
 - B. PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4-6 INCHES.
 - C. LIME TO A PH OF 6.5
 - E. FERTILIZE AS PER SOIL TEST OR, IF FERTILIZER MUST BE APPLIED BEFORE SOIL TEST RESULTS ARE RECEIVED, APPLY 850 POUNDS OF 5-10-10 OR EQUIVALENT PER ACRE (20 LBS./1,000 SQ. FT.)
 - F. INCORPORATE LIME AND FERTILIZER IN TOP 2-4 INCHES OF TOPSOIL.
 - G. SMOOTH. REMOVE ALL STONES OVER 1 INCH IN DIAMETER, STICKS, AND FOREIGN MATTER FROM THE SURFACE. FIRM THE SEEDBED.
- 2.) PLANTING--SUNNY LOCATION. USE A CULTIPACKER TYPE SEEDER IF POSSIBLE. SEED TO A DEPTH OF 1/8 TO 1/4 INCH. IF SEED IS TO BE BROADCAST, CULTIPACK OR ROLL AFTER SEEDING. IF HYDROSEED, LIME AND FERTILIZER MAY BE APPLIED THROUGH THE SEEDER AND ROLLING IS NOT PRACTICAL. SEED USING THE FOLLOWING MIX AND RATES

GRASS SEEDING CHART

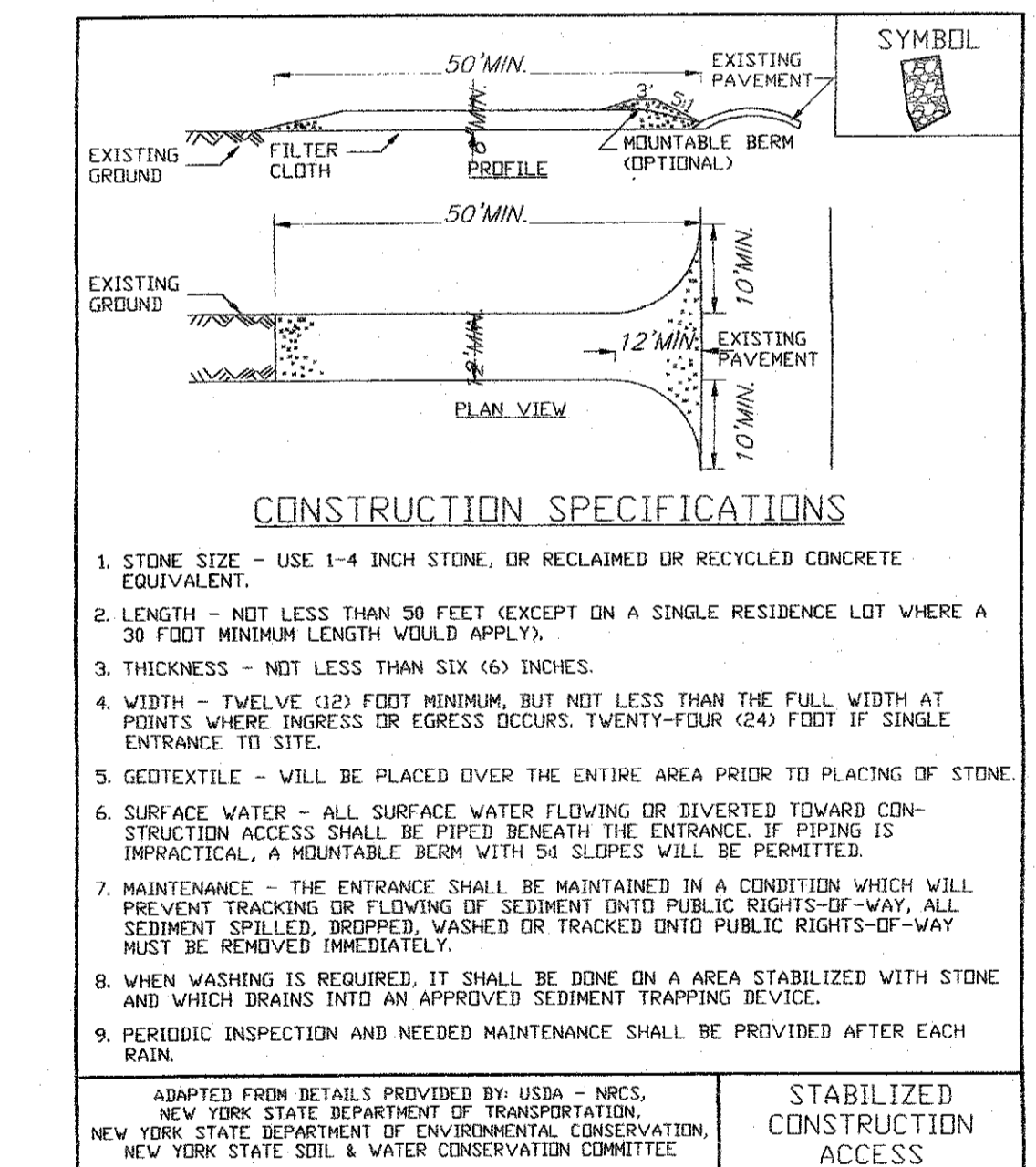
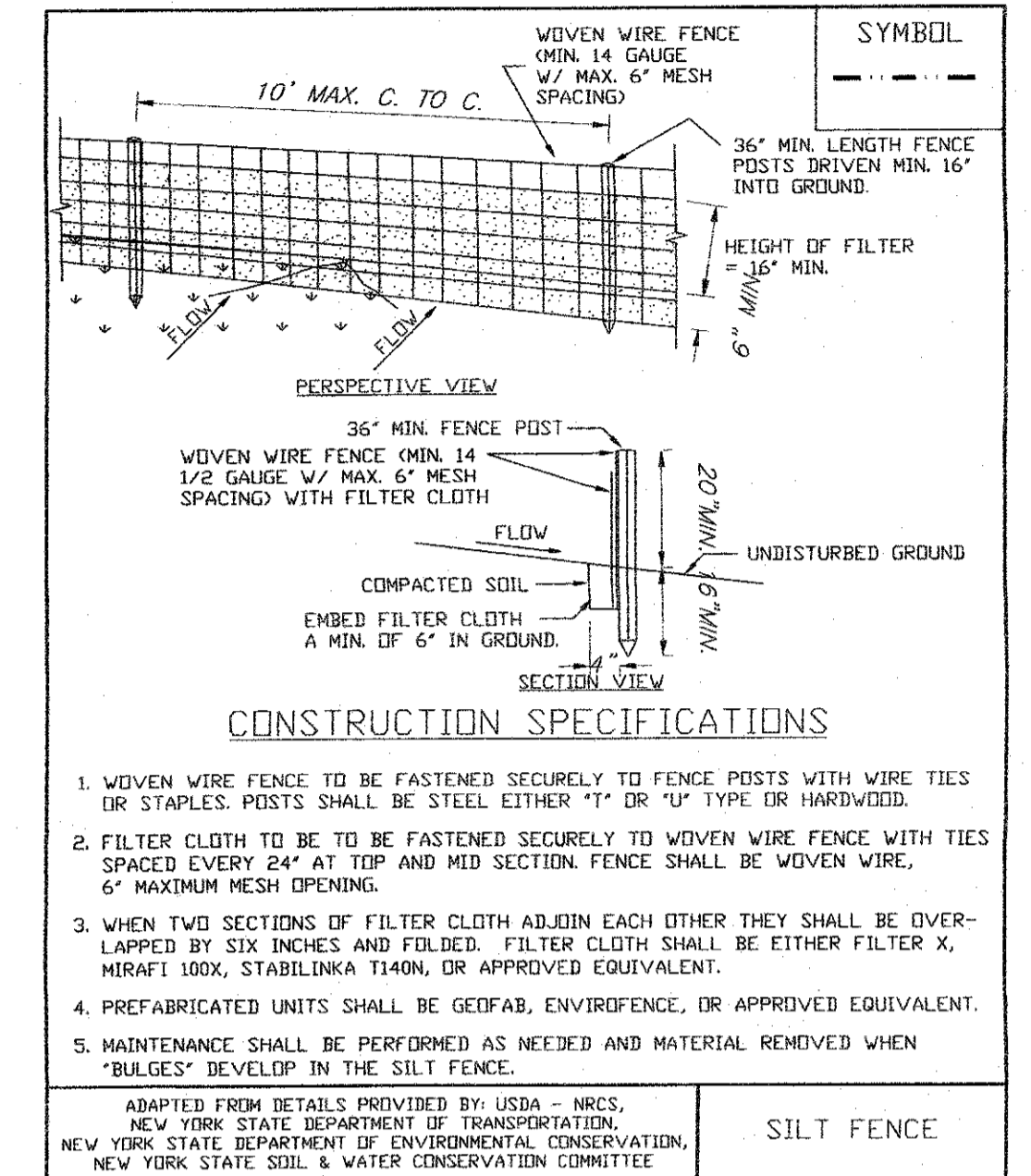
SPECIES (% BY WEIGHT)	LBS./1,000SQ.FT	LBS./ACRE
65% KENTUCKY BLUEGRASS BLEND	2.0-2.6	85-114
20% PERENNIAL RYEGRASS	0.6-0.8	26-35
15% FINE FENSCUE	0.4-0.6	19-26
	3.0-4.0	130-175
100% TALL FENSCUE, TURF-TYPE, FINE LEAF	3.4-4.6	150-200

- 3.) WHEN USING THE CULTIPACKER OR BROADCAST SEED METHOD, MULCH USING SMALL GRAIN STRAW, APPLIED AT A RATE OF 2 TONS PER ACRE; AND ANCHOR WITH NETTING OR TACKIFIER. HYDROSEED APPLICATIONS SHOULD INCLUDE MULCH, FERTILIZER AND SEED. COMMON WHITE CLOVER CAN BE ADDED TO MIXTURES AT THE RATE OF 1-2 LBS./ACRE TO HELP MAINTAIN GREEN COLOR DURING THE DRY SUMMER PERIOD. HOWEVER, THEY WILL NOT WITHSTAND HEAVY TRAFFIC. FERTILIZING--FIRST YEAR, (SPRING SEEDLINGS) THREE TO FOUR WEEKS AFTER GERMINATION APPLY 1 POUND NITROGEN/1,000 SQUARE FEET USING A COMPLETE FERTILIZER WITH A 2-1-1 OR 4-1-3 RATIO OR AS RECOMMENDED BY SOIL TEST RESULTS. FOR SPRING AND EARLY FALL SEEDINGS, APPLY AS ABOVE UNLESS AIR TEMPERATURES ARE ABOVE 85°F FOR EXTENDED PERIOD. WAIT UNTIL HEAT WAVE IS OVER TO FERTILIZE. FOR LATE FALL / WINTER SEEDINGS, FERTILIZE IN SPRING. RESTRICT USE--NEW SEEDLINGS SHOULD BE PROTECTED FROM USE FOR ONE FULL YEAR TO ALLOW DEVELOPMENT OF A DENSE SOD WITH GOOD ROOT STRUCTURE



WELL NOTES:

1. CASING DEPTH SHALL EXTEND AT LEAST 40' BELOW GROUND IN ANY CONDITION
2. WELL TO BE CONSTRUCTED PER NYSDOH APPENDIX 5B STANDARDS FOR WATER WELLS LATEST EDITION
3. WELL SHALL HAVE A MIN. YIELD OF 5 GPM.
4. WELL CASING MATERIAL IS TO BE IN COMPLIANCE WITH AWWA STANDARD A-100, LATEST VERSION.



THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

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	PROPOSED SUBDIVISION ENTITLED CHADWICK WOODS ROUTE 300, SBL 14-1-51 TOWN OF NEWBURGH, ORANGE COUNTY, NY	
REVISIONS REV. DATE BY DESCRIPTION 2 1	DATE: 01/09/18 SCALE: N.T.S. JOB NUMBER: 17100-MMR SHEET NUMBER: 5 OF 5	ADAPTED FROM DETAILS PROVIDED BY USDA - NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE