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

PROJECT NAME: Kozłowski -2015-04
PROJECT NO.:
PROJECT LOCATION: SECTION 2, BLOCK 1, LOT 9
REVIEW DATE: 12 FEBRUARY 2015
MEETING DATE: 19 FEBRUARY 2015
REPRESENTATIVE: TALCOTT ENGINEERING DESIGN

1. A note must be added to the plans stating that prior to a Certificate of Occupancy and Engineers Certification, an as built plan must be provided to the Town of Newburgh Building Department.
2. The Applicant's representative are requested to evaluate the need for curtain drains around the subsurface sanitary sewer disposal system, based on the presence of mottling in the soil profiles.
3. Common driveway access and maintenance agreement is required.
4. Highway Superintendents comments regarding location of existing and proposed driveways should be received.
5. The Applicant's representatives are requested to provide documentation of the location of the subsurface sanitary sewer disposal system on Lot No. 1 as it is located at the highest point on the lot.
6. Lot No. 1 contains a large barn and shed and what appears to be a fenced corral area. The proposed lot size would restrict keeping of domestic animals and the lot size proposed is less than 2 acres.

Kozlowski

7. The site contains NYSDEC wetland NB32 which has been flagged by Michael Nowicki. No disturbance of the wetland or buffer is proposed. NYSDEC standard note regarding impacts to wetland and buffers should be added to the plans.

Respectfully submitted,

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

Patrick J. Hines
Principal

Talcott Engineering DESIGN, PLLC

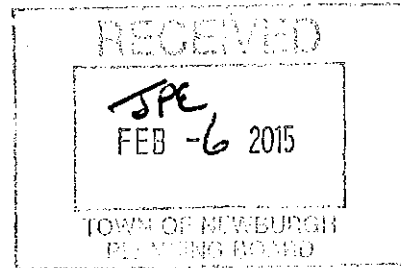
1 GARDNERTOWN ROAD ~ NEWBURGH, NY 12550
(845) 569-8400* ~ (fax) (845) 569-4583

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

February 6, 2015

Attn: John Ewasutyn, Chairman

Re: Project Narrative
Town Project No. 2015-04
Kozlowski Subdivision
254 Quaker Street
SBL: 2-1-9
Job No. 14112-MTK



PROJECT NARRATIVE

The project is a subdivision of the "Kozlowski Lot" (Tax Lot 2-1-9), which contains an existing single family residence, to create two new single family residential building lots. The new lots will be accessed via a common driveway to Quaker Street. These lots will be served by on site wells and individual septic systems.

The parent parcel contains NYS DEC wetlands NB-32 which has been flagged and field verified. All purposed development is outside of the required 100' buffer for this wetland.

The subject parcel is in the AR zone and as proposed, all lots meet the bulk table requirements and minimum buildable areas.

TE has prepared and delivered 12 Planning Board Applications, 12 sets of plans, and 12 copies of a Long EAF part 1, along with this narrative and checks for the application fees (\$1,300.00) and escrow (\$3,500.00).

Respectfully yours,

Raymond B Mckeiver
Talcott Engineering

**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):**
_____ KOZLOWSKI SUBDIVISION _____

2. **Owner of Lands to be reviewed:**

Name Marie T. KOZLOWSKI

Address 254 QUAKER ST
Newburgh, NY 12589

Phone 845-542-0151

3. **Applicant Information (If different than owner):**

Name Marie T. KOZLOWSKI

Address 254 QUAKER ST
Newburgh, NY 12589

Representative Talcott Engineering Design PLLC

Phone 845-569-8100

Fax 845-569-4583

Email talcottdesign12@gmail.com

4. **Subdivision/Site Plan prepared by:**

Name Talcott Engineering / CHARLES T. BROWN, PE

Address 1 Gardnertown Rd.
Newburgh, NY 12550

Phone/Fax 845-569-8400

5. **Location of lands to be reviewed:**
254 Quaker ST.

6. **Zone** AR **Fire District** Plattekill
Acreage 13.50 **School District** Wallkill

7. **Tax Map: Section** 2 **Block** 1 **Lot** 9

8. Project Description and Purpose of Review:

Number of existing lots 1 Number of proposed lots 2
Lot line change _____
Site plan review _____
Clearing and grading _____
Other _____

PROVIDE A WRITTEN SINGLE PAGE DESCRIPTION OR NARRATIVE OF THE PROJECT

9. Easements or other restrictions on property:

(Describe generally) _____

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

Signature Marc Kozlowski Title OWNER

Date: 2/5/15

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

Kozlowski 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.

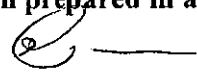
1. Name and address of applicant
2. Name and address of owner (if different from applicant)
3. Subdivision or Site Plan and Location
4. Tax Map Data (Section-Block-Lot)
5. Location map at a scale of 1" = 2,000 ft. or less on a tax map or USCGS map base only with property outlined
6. Zoning table showing 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. N/A 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. N/A 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. N/A 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. X Indicate any reference to a previous subdivision, i.e. filed map number, date and previous lot number
31. MA 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. MA Number of acres to be cleared or timber harvested
33. MA Estimated or known cubic yards of material to be excavated and removed from the site
34. MA Estimated or known cubic yards of fill required
35. MA The amount of grading expected or known to be required to bring the site to readiness
36. MA 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. MA 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: CHARLES T. BROWN PE
 Licensed Professional

Date: 2/5/15

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.

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.

MARIS KOZLOWSKI
APPLICANT'S NAME (printed)

Maris Kozlowski
APPLICANTS SIGNATURE

2/5/15
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) Marie T Kozlowski, DEPOSES AND SAYS THAT HE/SHE
RESIDES AT 254 Quaker St Newburgh
IN THE COUNTY OF Orange
AND STATE OF NY
AND THAT HE/SHE IS THE OWNER IN FEE OF 254 Quaker St
Newburgh (5/10/12 2-1-9)
WHICH IS THE PREMISES DESCRIBED IN THE FOREGOING
APPLICATION AS DESCRIBED THEREIN TO THE TOWN OF NEWBURGH
PLANNING BOARD AND Talcott Engineering PLLC IS AUTHORIZED
TO REPRESENT THEM AT MEETINGS OF SAID BOARD.

DATED: 2/15/15

Marie Kozlowski
OWNERS SIGNATURE

CHARLES T. BROWN, P.E.

MARIE KOZLOWSKI
OWNERS NAME (printed)

Raymond B. McKeiver
WITNESS' SIGNATURE

NAMES OF ADDITIONAL
REPRESENTATIVES

Raymond B. McKeiver
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.

2/5/05

DATED

Maria Korolowski

APPLICANT'S NAME (printed)

MARIA KOROLOWSKI

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.

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

 2/5/15
DATED

 Marie Keylock
INDIVIDUAL APPLICANT

CORPORATE OR PARTNERSHIP APPLICANT

BY: _____
(Pres.) (Partner) (Vice-Pres.)
(Sec.) (Treas.)

**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: KOZLOWSKI SUBDIVISION		
Project Location (describe, and attach a general location map): 254 QUAKER STREET		
Brief Description of Proposed Action (include purpose or need): A THREE LOT SUBDIVISION OF AN EXISTING 14 ACRE PARCEL THAT CONTAIN AN EXISTING SINGLE FAMILY RESIDENCE TO CREATE TWO NEW BUILDING LOTS FOR SINGLE FAMILY RESIDENCES. NEW RESIDENCES WILL BE SERVICED BY INDIVIDUAL ON SITE SEPTICS AND WELLS AND WILL HAVE ACCESS TO QUAKER STREET VIA A COMMON DRIVEWAY		
Name of Applicant/Sponsor: MARIE T. KOZLOWSKI	Telephone: 845-542-0151	E-Mail:
Address: 254 QUAKER STREET		
City/PO: WALLKILL	State: NY	Zip Code: 12589
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	TOWN OF NEWBURGH PLANNING BOARD	2/6/2015
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources. <ul style="list-style-type: none"> 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? 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?

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

b. What police or other public protection forces serve the project site?
TOWN OF NEWBURGH POLICE

c. Which fire protection and emergency medical services serve the project site?
PLATTEKILL FIRE DEPARTMENT

d. What parks serve the project site?
CROMNER, ALGONQUIN, AND CHADWICK LAKE PARKS

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? 13.88 acres

b. Total acreage to be physically disturbed? 1.02 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 13.88 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? 3

iv. Minimum and maximum proposed lot sizes? Minimum 1.07 Maximum 11.11

e. Will proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: 9 months

- ii. If Yes:
- Total number of phases anticipated _____
 - Anticipated commencement date of phase I (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	3			
At completion of all phases	3			

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: _____ 880 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), maximum pumping capacity: _____ gallons/minute.

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

i. Total anticipated liquid waste generation per day: _____ 880 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):

INDIVIDUAL SUBSURFACE SEWERAGE SYSTEMS

- 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 0.40 acres (impervious surface)

_____ Square feet or 13.88 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)?

TO ON SITE NYS WETLAND NB-32

- If to surface waters, identify receiving water bodies or wetlands: _____
NYS WETLAND NB-32

- 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)

n. 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 1/2 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: _____ 7AM TO 9PM
• Saturday: _____ 7AM TO 9PM
• 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 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 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): _____
 - ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.13	0.53	+0.40
• Forested	6.82	6.32	-0.50
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	1.07	0.55	-0.52
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)	4.29	4.29	0.00
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: <u>LAWN</u>	1.57	2.19	+0.62

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:

MARDIN GRAVELLY SILT LOAM	15 %
ERIE GRAVELLY SILT LOAM	20 %
ALDEN SILT LOAM	45 %

d. What is the average depth to the water table on the project site? Average: _____ **2.5 feet**

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: **15 %** of site
 Poorly Drained: **85 %** of site

f. Approximate proportion of proposed action site with slopes: 0-10%: **95 %** of site
 10-15%: **5 %** 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) **NB-32**

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 RACCOON _____
 TURKEY _____
 CROW _____

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): _____
 RED MAPLE-HARDWOOD SWAMP
 ii. Source(s) of description or evaluation: _____
 iii. Extent of community/habitat:
 • Currently: _____ 1460 acres
 • Following completion of project as proposed: _____ 1460 acres
 • Gain or loss (indicate + or -): _____ 0 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: ORAN001

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: _____
 ii. Basis for designation: _____
 iii. Designating agency and date: _____

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? 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 five 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.

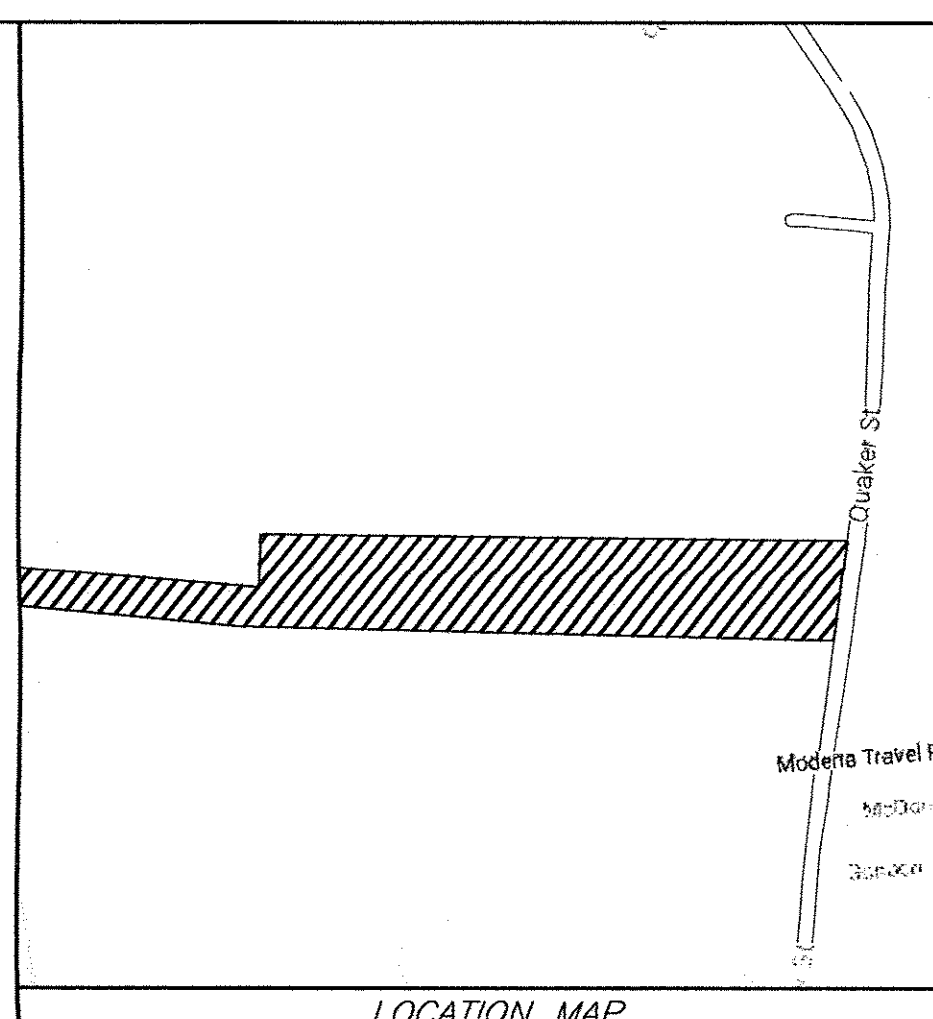
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

Applicant/Sponsor Name CHARLES T. BROWN, PE Date 2/5/15

Signature  Title PROJECT ENGINEER

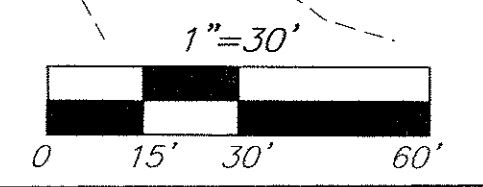
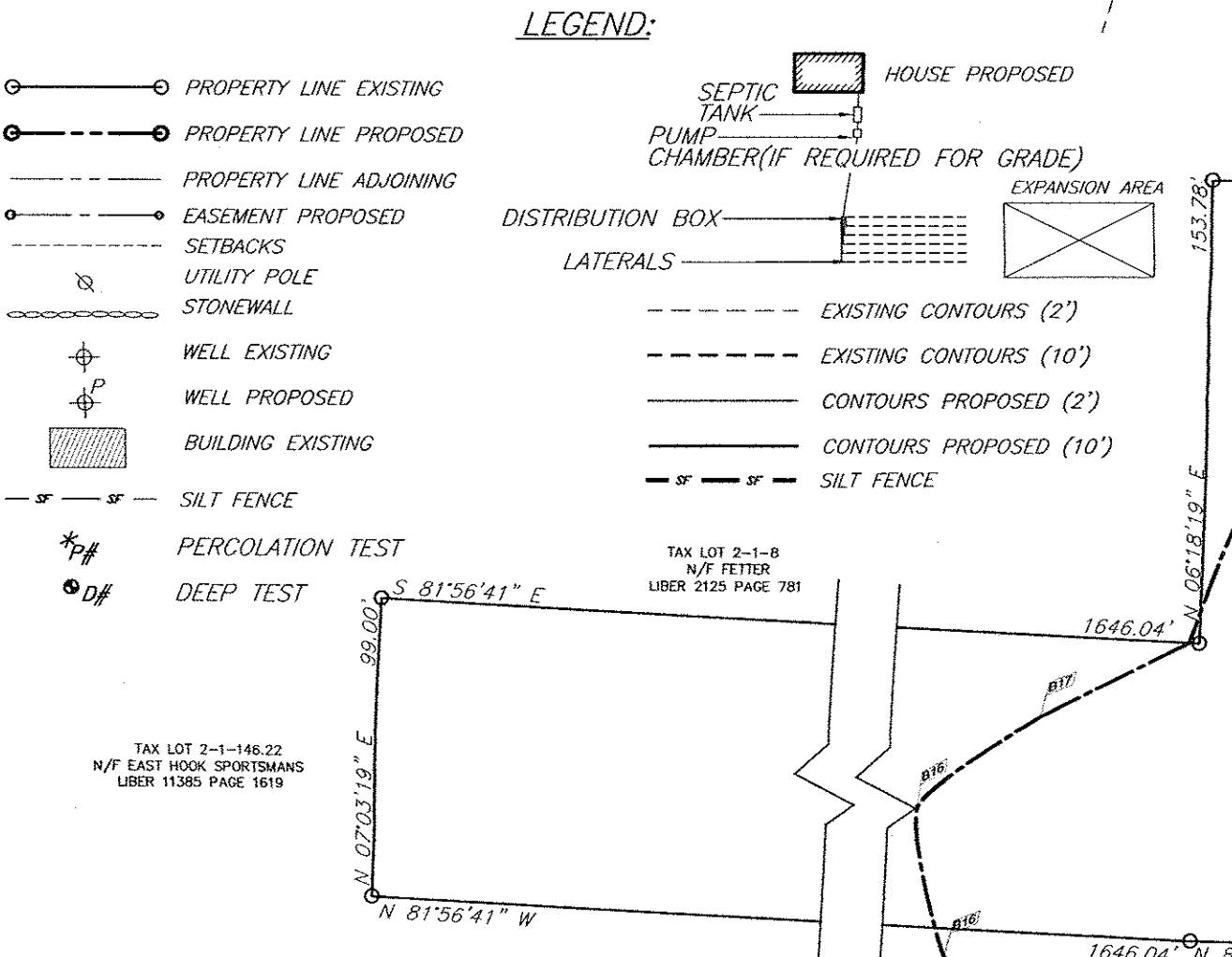
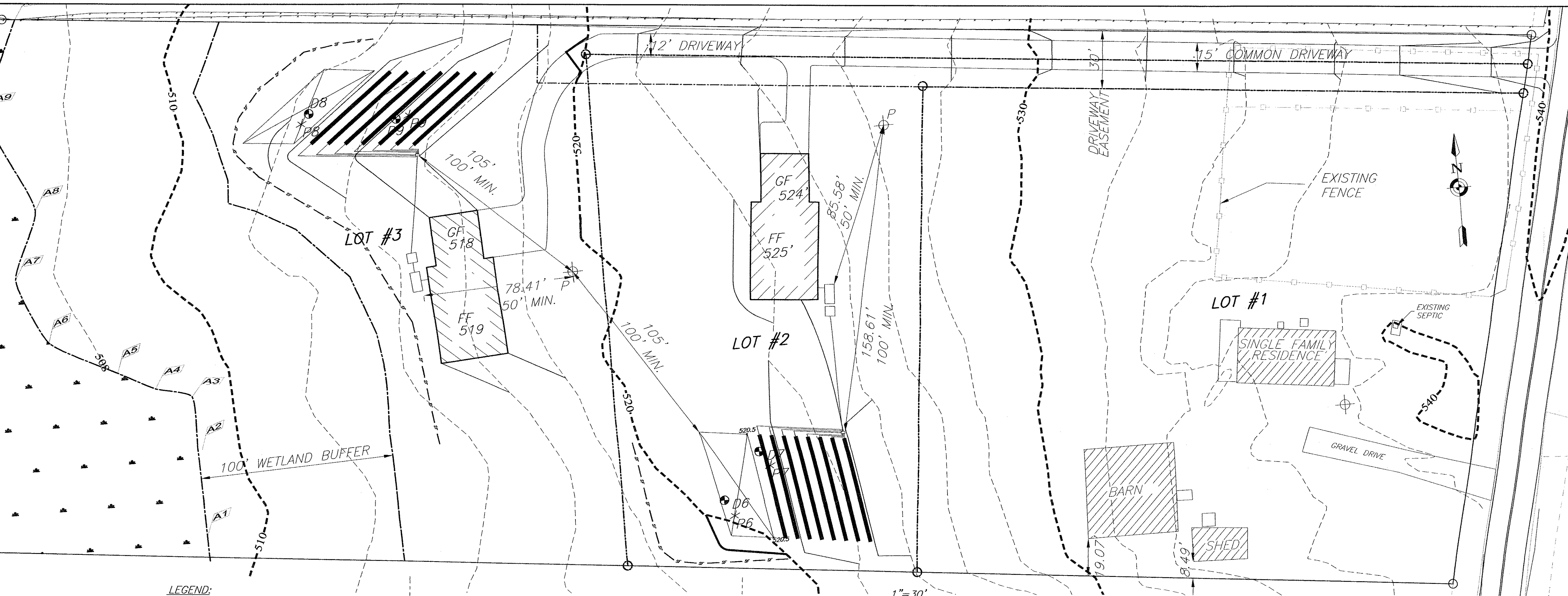


QUAKER STREET (45 MPH)

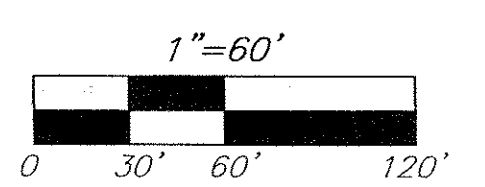
ZONING SCHEDULE

ZONE: AR

	REQUIRED	LOT #1 PROVIDED	LOT #2 PROVIDED	LOT #3 PROVIDED
MINIMUM LOT AREA	40,000sf	1,700sf	1,070sf	11,110sf
MINIMUM LOT WIDTH (feet)	150'	250'	264'	263'
MINIMUM LOT DEPTH (feet)	150'	290'	160'	2817'
MINIMUM YARDS (feet)				
FRONT	50'	80'	60'min.	60'min.
REAR	50'	147'	50'min.	50'min.
SIDE				
ONE	30'	50'min.	50'min.	50'min.
BOTH	80'	100'min.	100'min.	100'min.
MINIMUM HABITABLE FLOOR AREA	900sf	1,753sf	1,500min.	1,500min.
MAXIMUM LOT BUILDING COVERAGE	20%	6.2%	5.1%	.68%
MAXIMUM BUILDING HEIGHT	35'	35'max.	35'max.	35'max.
MAXIMUM LOT SURFACE COVERAGE	15%	7.7%	15%	3.2%
MINIMUM BUILDING AREA	10,000sf	19,933SF	11,957SF	33,368SF



NYS WETLAND
NB-32
FLAGGED BY MICHAEL
NOWICKI OF ECOLOGICAL
SOLUTIONS LLC, NOVEMBER 2014



SEPTIC DESIGN CRITERIA: LOT#2

- NO. OF BEDROOMS - 4 MAX
- SEPTIC TANK DESIGN - 1,250 GAL
- STABILIZED PERCOLATION RATE - 44 MIN/IN
- FLOW RATE (GALS /DAY) - 440 (4 B.R.); 330 (3 B.R.)
- DESIGN LENGTHS:
 - 4 BR PROVIDE 8 LATERALS @ 55' = 440 L.F. (440 L.F. REQ'D)
 - 3 BR PROVIDE 6 LATERALS @ 55' = 330 L.F. (330 L.F. REQ'D)
- FILL REQUIRED: 18" min. SHALLOW TRENCH SYSTEM (SEE DETAILS SHEET 2 OF 2)

PERCOLATION DATA: LOT#2

* P6	12" DEEP	10/03/14			
	1	2	3	4	
FINISH	12:43	1:11	1:48	2:25	
START	12:34	12:44	1:12	1:49	
TIME	:09	:27	:36	:36	
STABILIZED PERCOLATION RATE: 36 MINUTES /INCH					

* P7	12" DEEP	10/03/14			
	1	2	3	4	
FINISH	12:35	1:53	2:37	3:22	
START	1:19	1:42	1:53	2:38	
TIME	:16	:33	:44	:44	
STABILIZED PERCOLATION RATE: 44 MINUTES /INCH					

DEEP TEST DATA: LOT#2

- D6 66" DEEP 10/02/14
0-7" TOPSOIL
7"-66" GRAVELLY CLAY LOAM
MOTTLING @ 24", NO WATER, NO ROCK
- D7 80" DEEP 10/02/14
0-6" TOPSOIL
6"-24" SILT LOAM
24"-80" GRAVELLY LOAM
MOTTLING @ 51", NO WATER, NO ROCK

SEPTIC DESIGN CRITERIA: LOT#3

- NO. OF BEDROOMS - 4 MAX
- SEPTIC TANK DESIGN - 1,250 GAL
- STABILIZED PERCOLATION RATE - 28 MIN/IN
- FLOW RATE (GALS /DAY) - 440 (4 B.R.); 330 (3 B.R.)
- DESIGN LENGTHS:
 - 4 BR PROVIDE 7 LATERALS @ 55' = 385 L.F. (367 L.F. REQ'D)
 - 3 BR PROVIDE 5 LATERALS @ 55' = 275 L.F. (275 L.F. REQ'D)
- FILL REQUIRED: 18" min. SHALLOW TRENCH SYSTEM (SEE DETAILS SHEET 2 OF 2)

PERCOLATION DATA: LOT#3

* P8	12" DEEP	10/03/14			
	1	2	3	4	
FINISH	10:56	11:18	11:46	12:14	
START	10:42	10:57	11:18	11:46	
TIME	:14	:21	:28	:28	
STABILIZED PERCOLATION RATE: 28 MINUTES /INCH					

* P9	12" DEEP	10/03/14			
	1	2	3	4	5
FINISH	11:08	11:21	11:36	11:54	12:13
START	11:02	11:09	11:22	11:36	11:55
TIME	:06	:12	:14	:18	:18
STABILIZED PERCOLATION RATE: 18 MINUTES /INCH					

DEEP TEST DATA: LOT#3

- D8 72" DEEP 10/02/14
0-6" TOPSOIL
6"-30" GRAVELLY CLAY LOAM
30"-72" GRAVELLY CLAY LOAM
MOTTLING @ 30", NO WATER, NO ROCK
- D9 72" DEEP 10/02/14
0-6" TOPSOIL
6"-30" GRAVELLY CLAY LOAM
30"-72" GRAVELLY CLAY LOAM
MOTTLING @ 30", NO WATER, NO ROCK

APPLICANT:
MARIE T KOZLOWSKI
254 QUAKER ST
WALLKILL, NY 12589

SURVEYORS CERTIFICATION

I HEREBY CERTIFY TO THE HEREOF LISTED PARTIES THAT THIS MAP REPRESENTS THE RESULTS OF AN ACTUAL ON THE GROUND FIELD SURVEY, PER RECORD DESCRIPTION, OF THE LAND SHOWN HEREON, LOCATED AT 254 QUAKER STREET IN THE TOWN OF NEWBURGH, COUNTY OF ORANGE, STATE OF NEW YORK, COMPLETED ON 09-18-2014 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 ENROACHMENTS EITHER WAY ACROSS PROPERTY LINES; TITLE LINES AND LINES OF ACTUAL POSSESSION ARE THE SAME."

RECORD OWNER'S CONSENT NOTE:

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREOF 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.

MARIE T KOZLOWSKI
254 QUAKER ST
WALLKILL, NY 12589

SIGNATURE _____ DATE _____

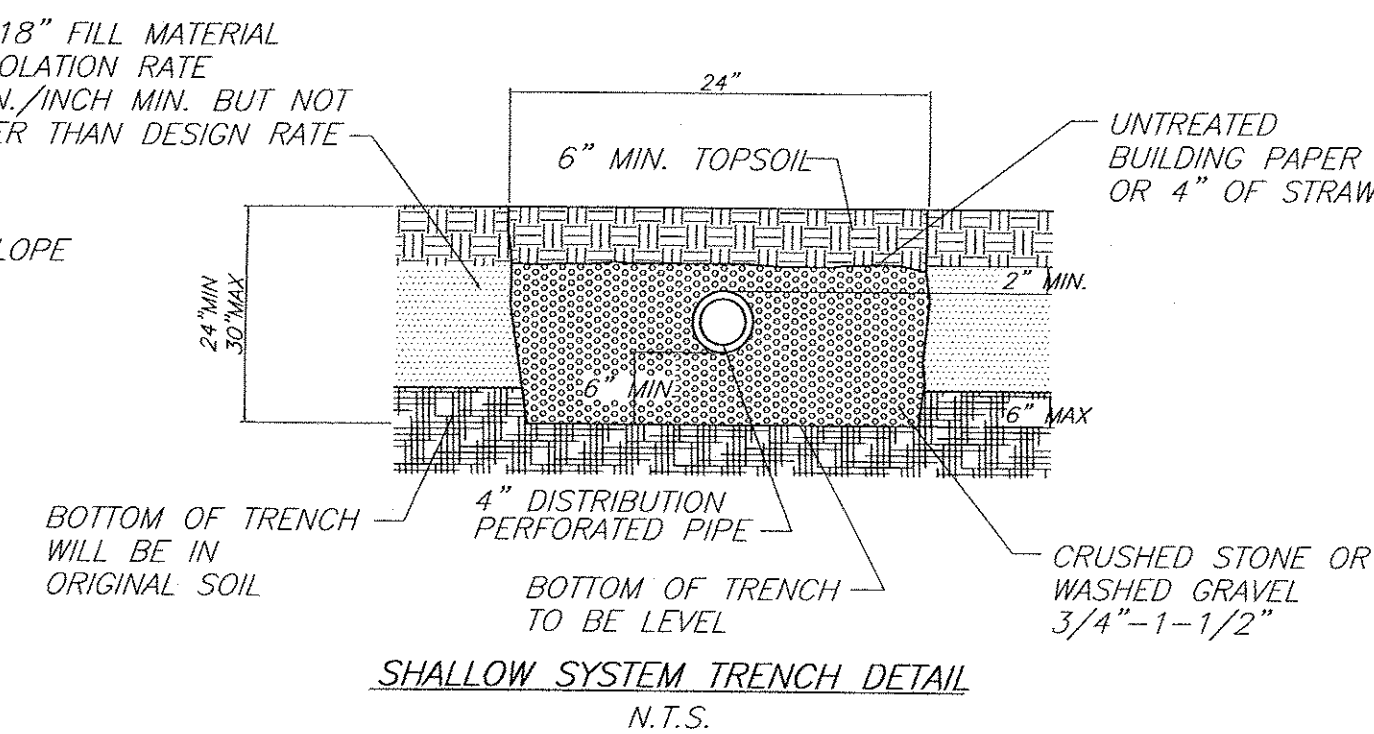
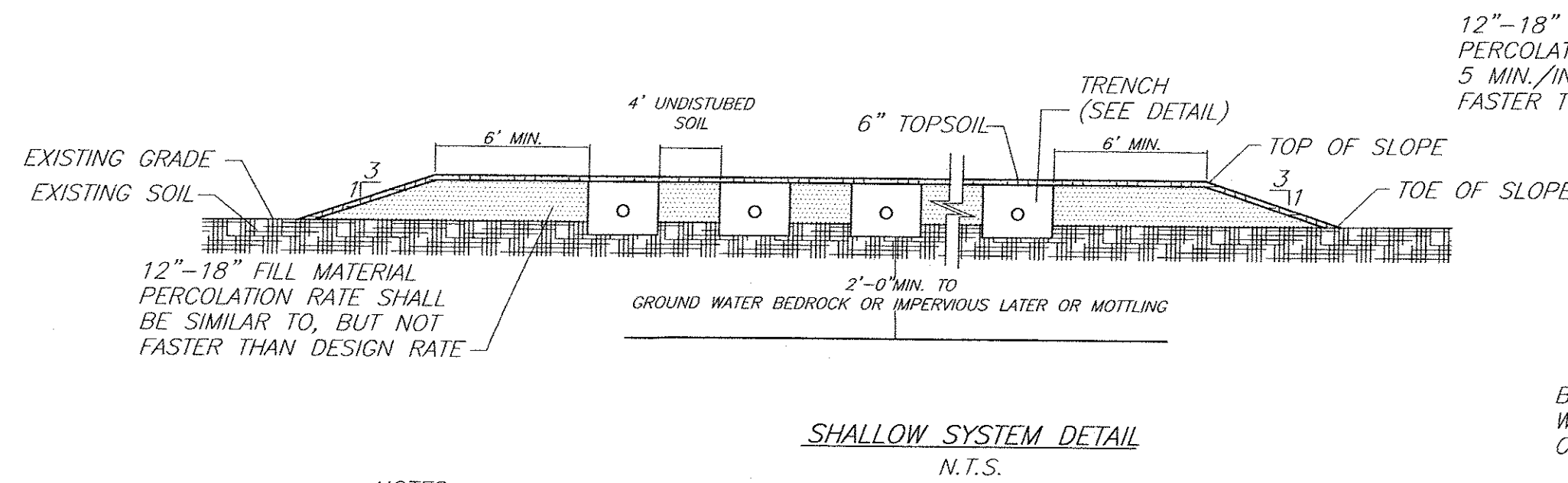
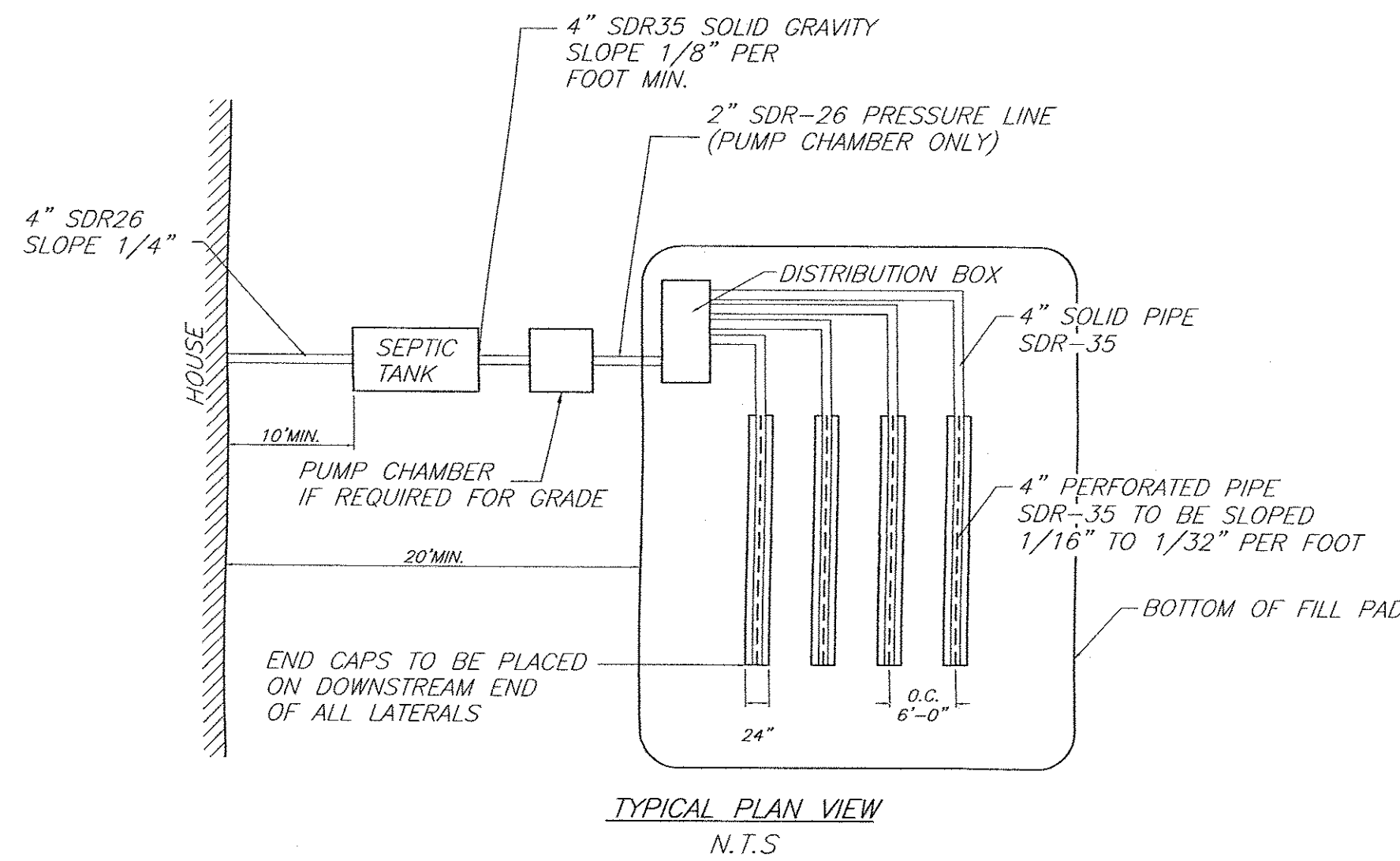
REVISIONS

REV.:	DATE:	BY:	DESCRIPTION:

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

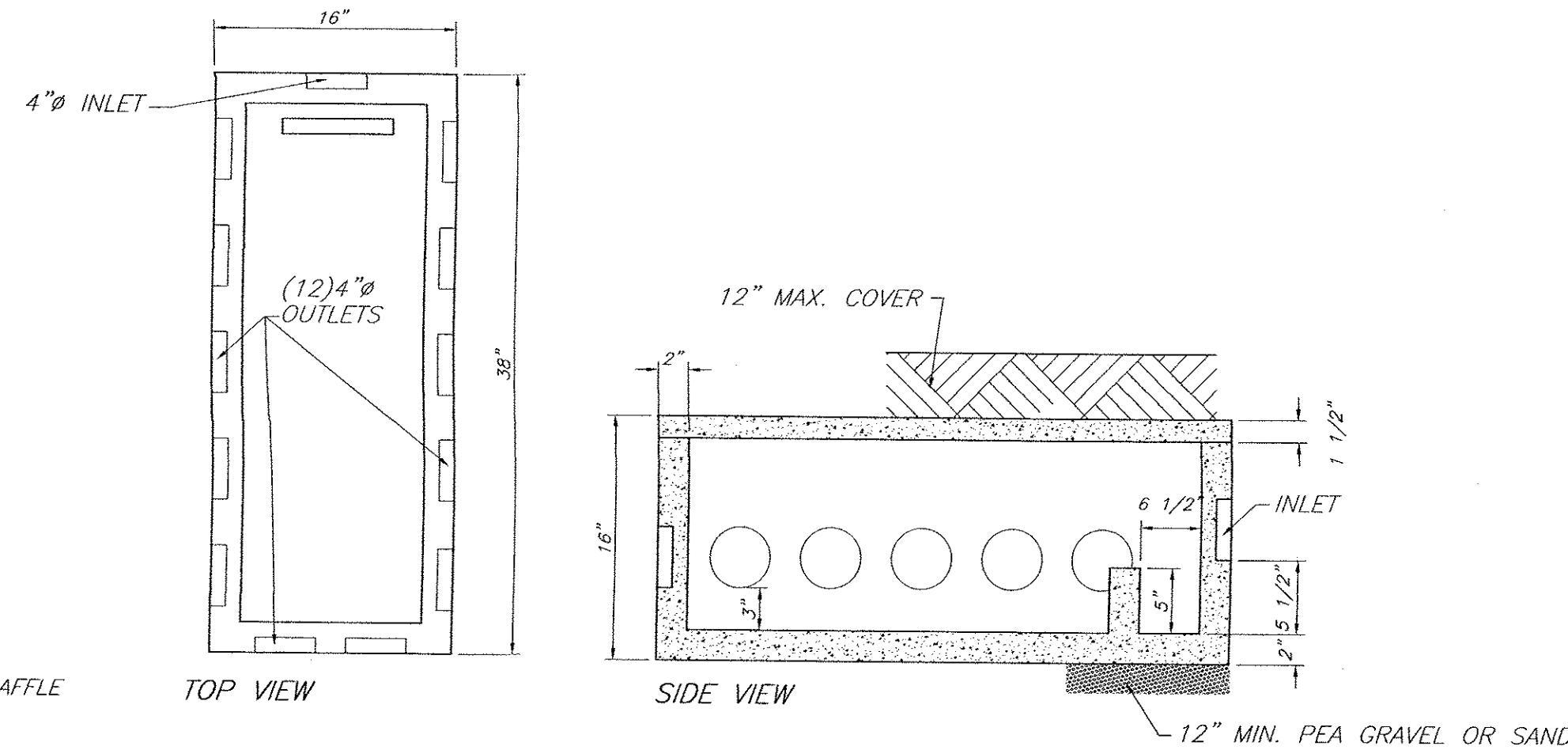
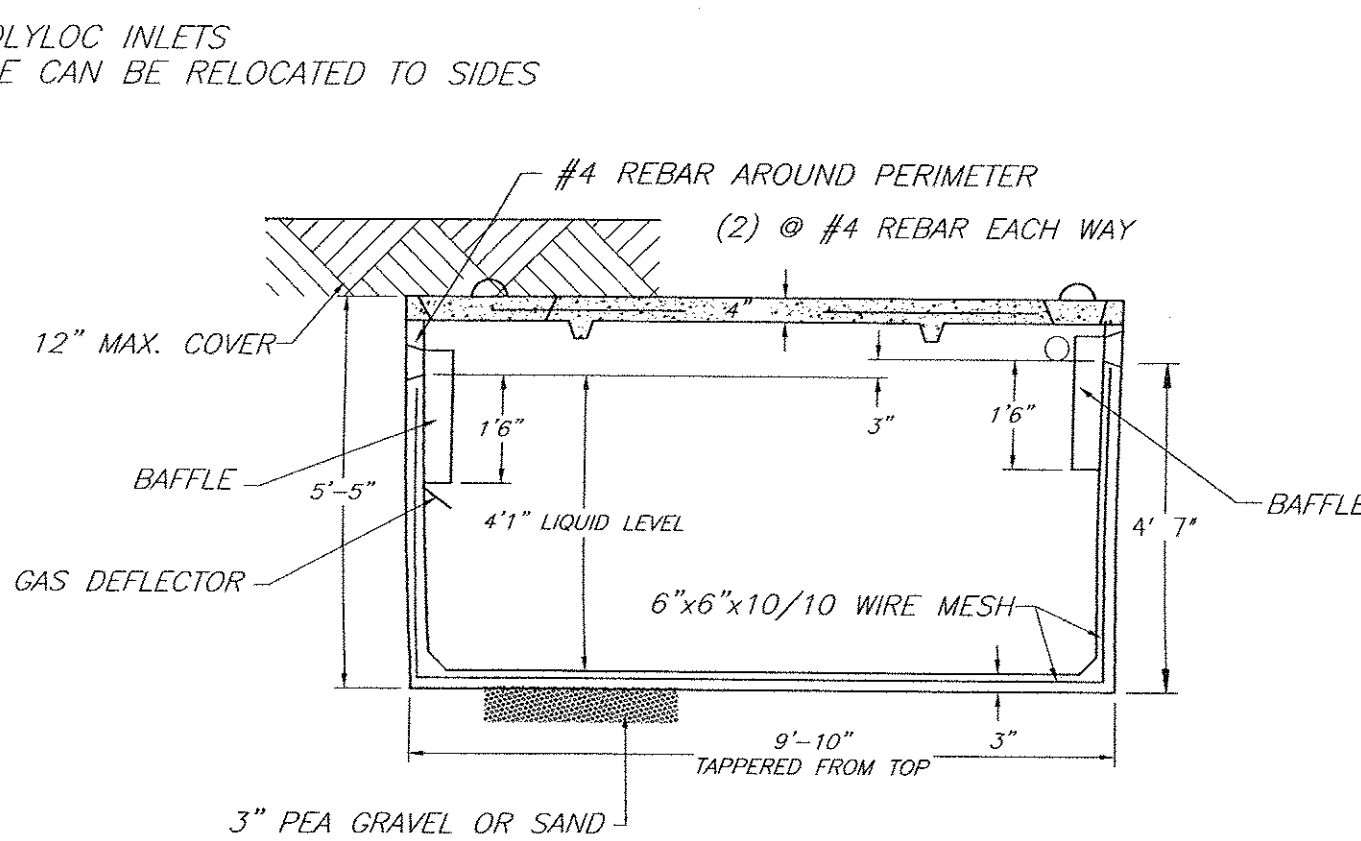
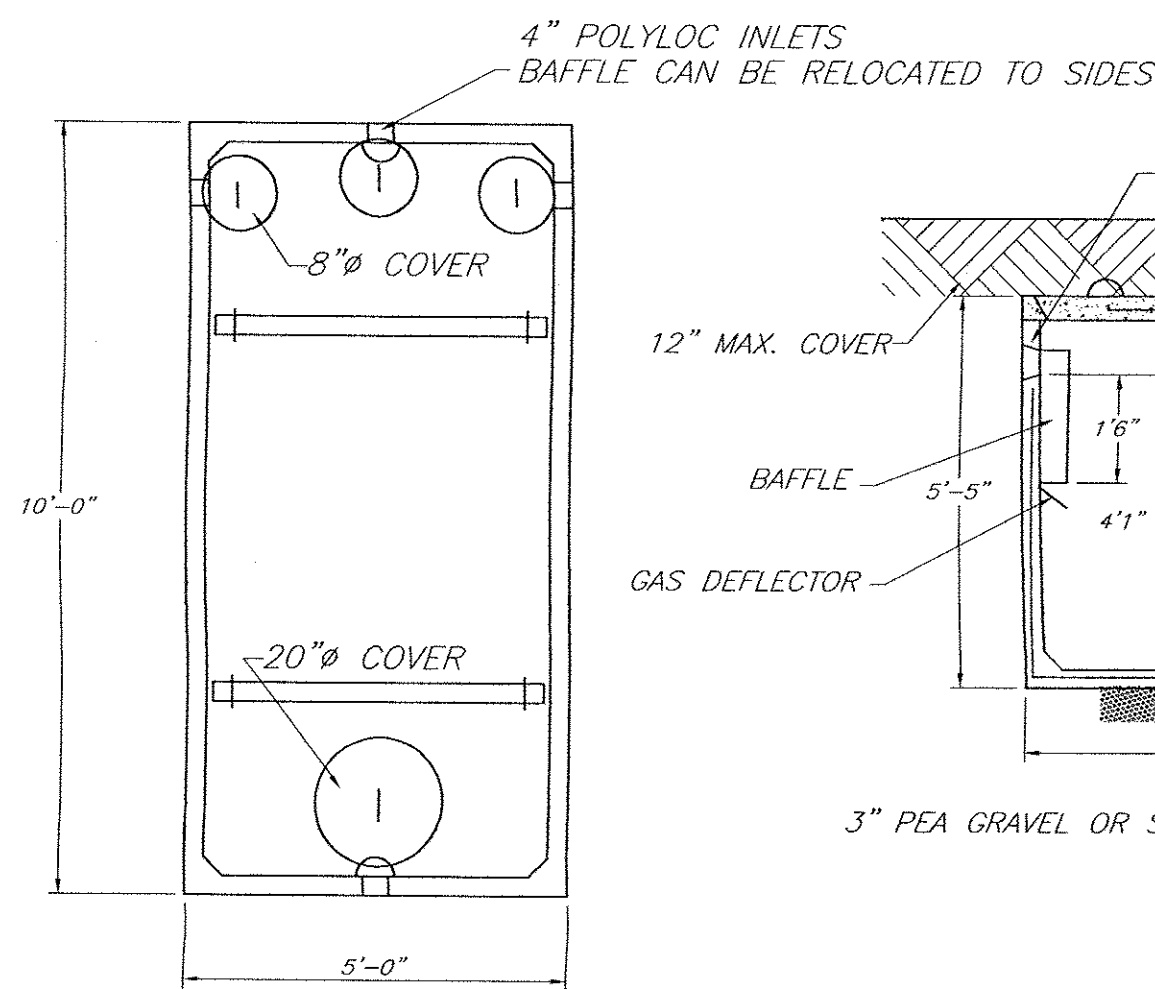
PLANNING BOARD PROJECT # 2015-##
THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

SURVEYOR	ENGINEER	TALCOTT ENGINEERING DESIGN PLLC 1 GARDNERTOWN ROAD NEWBURGH, NY 12550 (845)-569-8400 (FAX)(845)-569-4583 TALCOTTDESIGN1@GMAIL.COM	
		LOT LAYOUT	
		PROPOSED SUBDIVISION KOZLOWSKI 254 QUAKER ST, SBL: 2-1-9 TOWN OF NEWBURGH, ORANGE COUNTY, NY	
DATE	SCALE	JOB NUMBER	SHEET NUMBER
02/05/15	AS NOTED	14112-MTK	1 OF 2



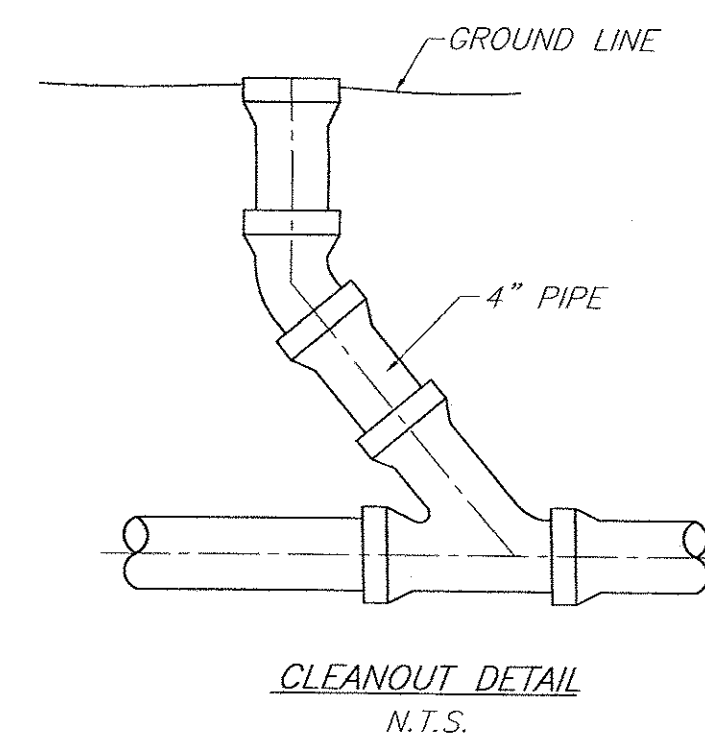
SEPTIC SYSTEM GENERAL NOTES:

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.
3. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF ABSORPTION FIELD.
4. SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL NOT 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 35' OF ANY WATER COURSE 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 ACCOUNT 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.



WOODWARD'S 12 OUTLET DISTRIBUTION BOX OR EQUAL N.T.S.

SPECIFICATIONS
 CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS
 REINFORCEMENT- 6"x6" 10GA. WIRE MESH
 AIR ENTRAPMENT- 5%
 PIPE CONNECTION- POLYLOC SEAL (PATENTED)
 LOAD RATING- 300PSF WEIGHT = 325 LBS.



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

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."

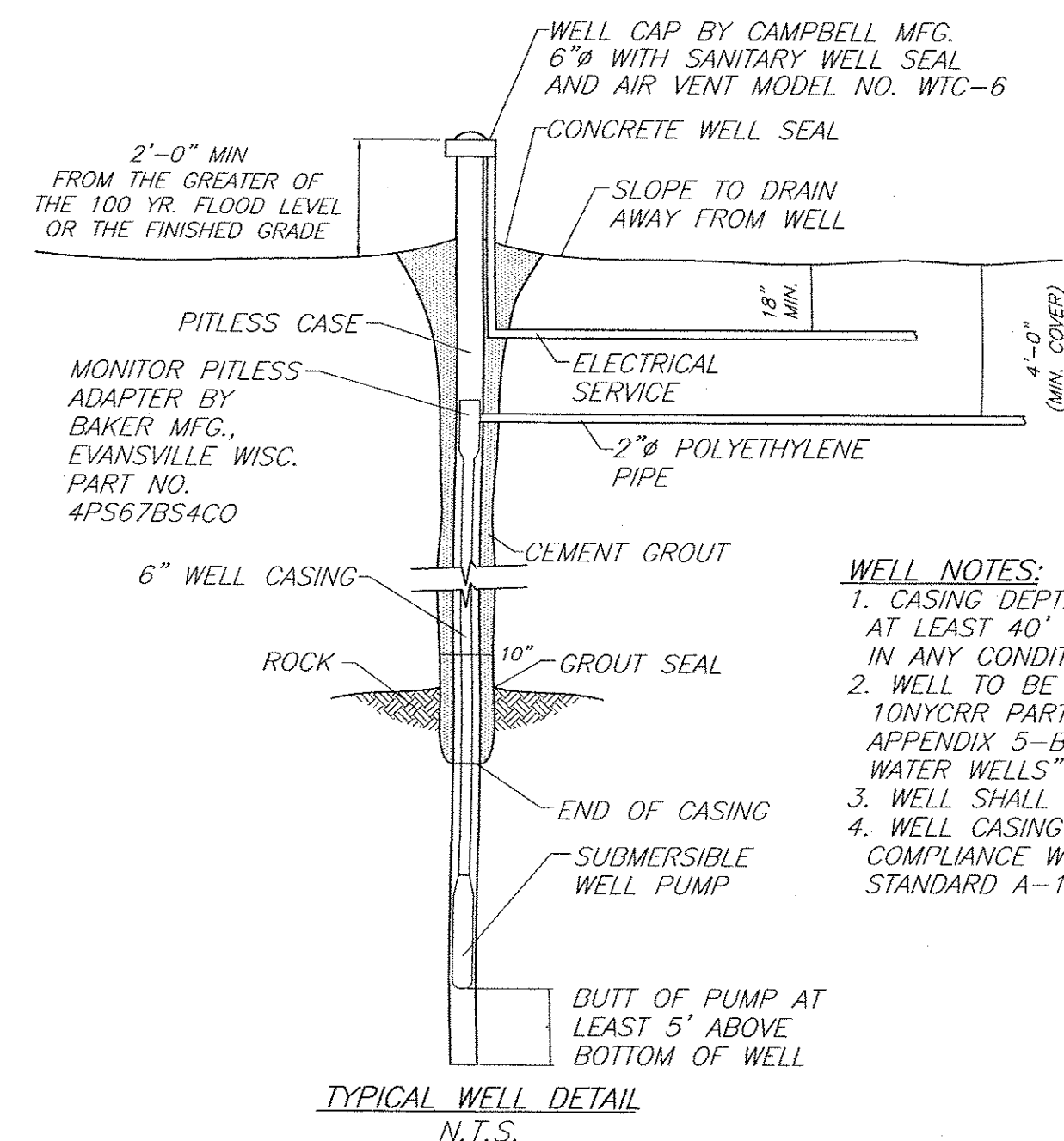
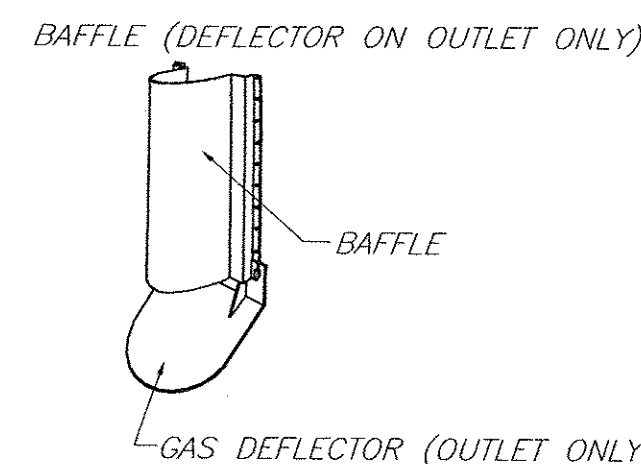
"THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.

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, WATER TIGHT AND ACCEPTABLE FOR USE. ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

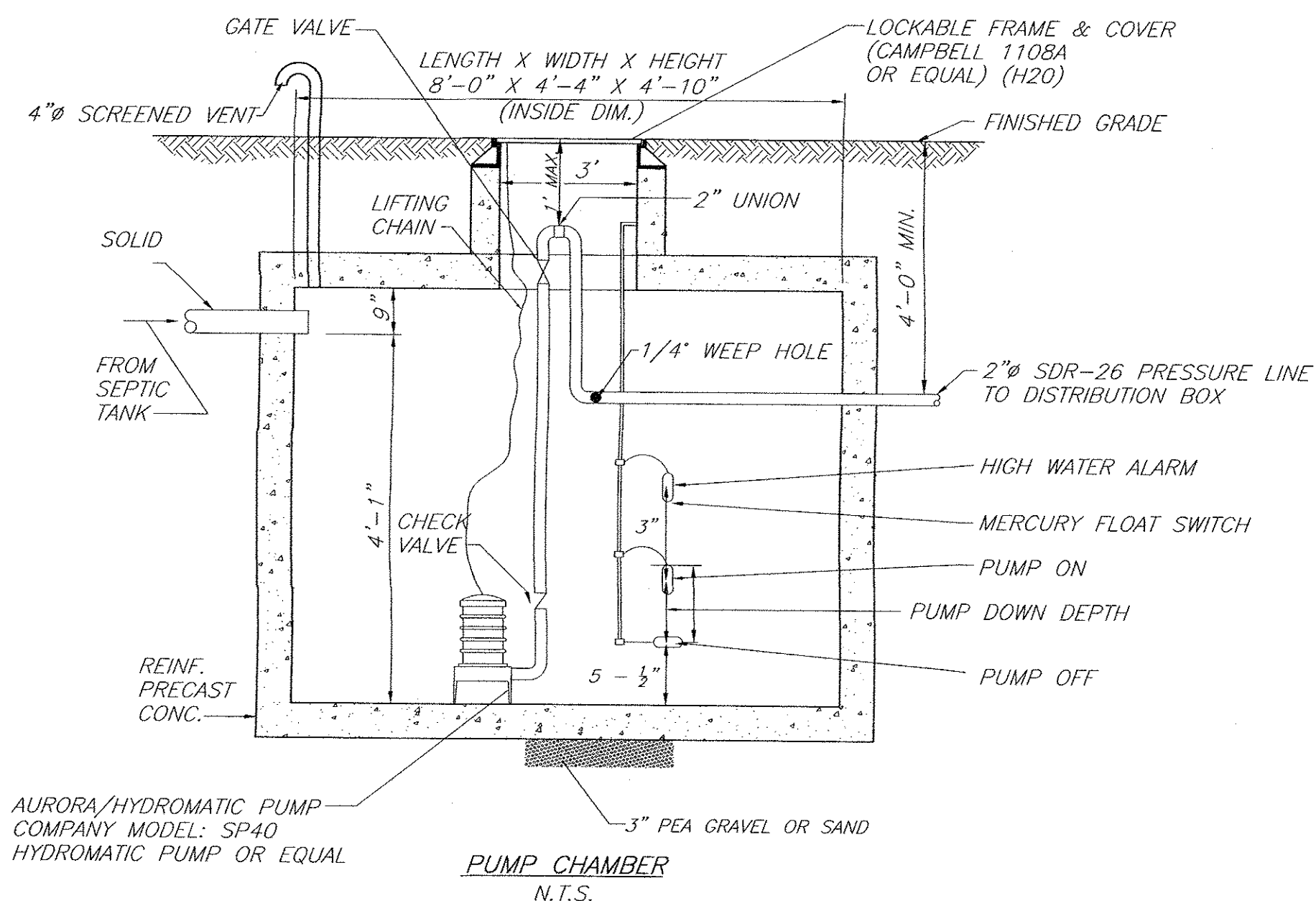
INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED FOR HOUSEHOLD PURPOSES WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.

WOODWARD'S 1250gal. SEPTIC TANK OR EQUAL N.T.S.

SPECIFICATIONS
 CONCRETE MINIMUM STRENGTH- 4,000 PSI AT 28 DAYS
 REINFORCEMENT- 6"x6" 10GA. WWF, #4 REBAR
 AIR ENTRAPMENT- 5%
 CONSTRUCTION JOINT- BUTYL RUBBER - BASE CEMENT
 PIPE CONNECTION- POLYLOC SEAL (PATENTED)
 LOAD RATING- 300PSF WEIGHT = 9,500LBS



- WELL NOTES:**
1. CASING DEPTH SHALL EXTEND AT LEAST 40' BELOW GROUND IN ANY CONDITION.
 2. WELL TO BE INSTALLED PER 10NYCRR PART 5.
 3. APPENDIX 5-B "STANDARDS FOR WATER WELLS" NOV. 2005 EDITION.
 4. WELL SHALL HAVE A MIN. YIELD OF 5 GPM.
 5. WELL CASING MATERIAL IS TO BE IN COMPLIANCE WITH AWWA STANDARD A-100, LATEST VERSION.



PUMP CHAMBER NOTES:

1. CONTRACTOR SHALL DETERMINE LENGTHS OF REQUIRED ELECTRICAL CABLE AND AVAILABLE VOLTAGE PRIOR TO ORDERING EQUIPMENT.
2. ALL WIRING SHALL CONFORM TO NATIONAL ELECTRICAL CODE & LOCAL CODE REQUIREMENTS.
3. 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.
4. A N.Y.S. PROFESSIONAL ENGINEER MUST CERTIFY TO THE CONSTRUCTION OF THE SYSTEM.
5. QUANTITY DOSED IS BASED UPON 75% OF 4" PIPE AND 100% OF FORCE MAIN.
6. QUANTITY STORED IS BASED UPON (1) DAY'S FLOW MINIMUM.
7. AS-BUILT MUST SHOW FORCE MAIN LOCATION.

PUMP CHAMBER DATA LOT#2

4 BEDROOM
 PUMP DOWN DEPTH: 10'-1/2"
 STORAGE CALC.: 21.61 GALS./IN
 STORAGE DEPTH: 2'-5 1/2"
 DOSE QTY (GALS.): 226.9 GALS.
 STORAGE QTY (GALS.): 637.5 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

3 BEDROOM
 PUMP DOWN DEPTH: 8"
 STORAGE CALC.: 21.61 GALS./IN
 STORAGE DEPTH: 2'-8"
 DOSE QTY (GALS.): 172.9 GALS.
 STORAGE QTY (GALS.): 691.5 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

DOSING QUANTITY LOT#2

4 BEDROOM
 FORCE MAIN: 60' X 0.163 GAL/LF = 9.78 GAL.
 LATS.: 75% X 440LF X 0.653 GAL/LF = 215.49 GAL.
 TOTAL 225.27 GAL.
 3 BEDROOM
 FORCE MAIN: 60' X 0.163 GAL/LF = 9.78 GAL.
 LATS.: 75% X 330LF X 0.653 GAL/LF = 161.62 GAL.
 TOTAL 171.40 GAL.

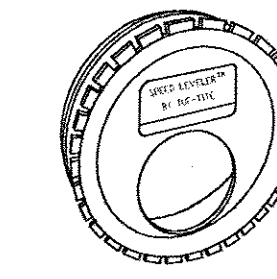
PUMP CHAMBER DATA LOT#3

4 BEDROOM
 PUMP DOWN DEPTH: 9"
 STORAGE CALC.: 21.61 GALS./IN
 STORAGE DEPTH: 2'-7"
 DOSE QTY (GALS.): 194.5 GALS.
 STORAGE QTY (GALS.): 669.9 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

3 BEDROOM
 PUMP DOWN DEPTH: 6 1/2"
 STORAGE CALC.: 21.61 GALS./IN
 STORAGE DEPTH: 2'-9 1/2"
 DOSE QTY (GALS.): 140.5 GALS.
 STORAGE QTY (GALS.): 723.9 GALS.
 MAX. ELEV. DIFFERENTIAL: 20'

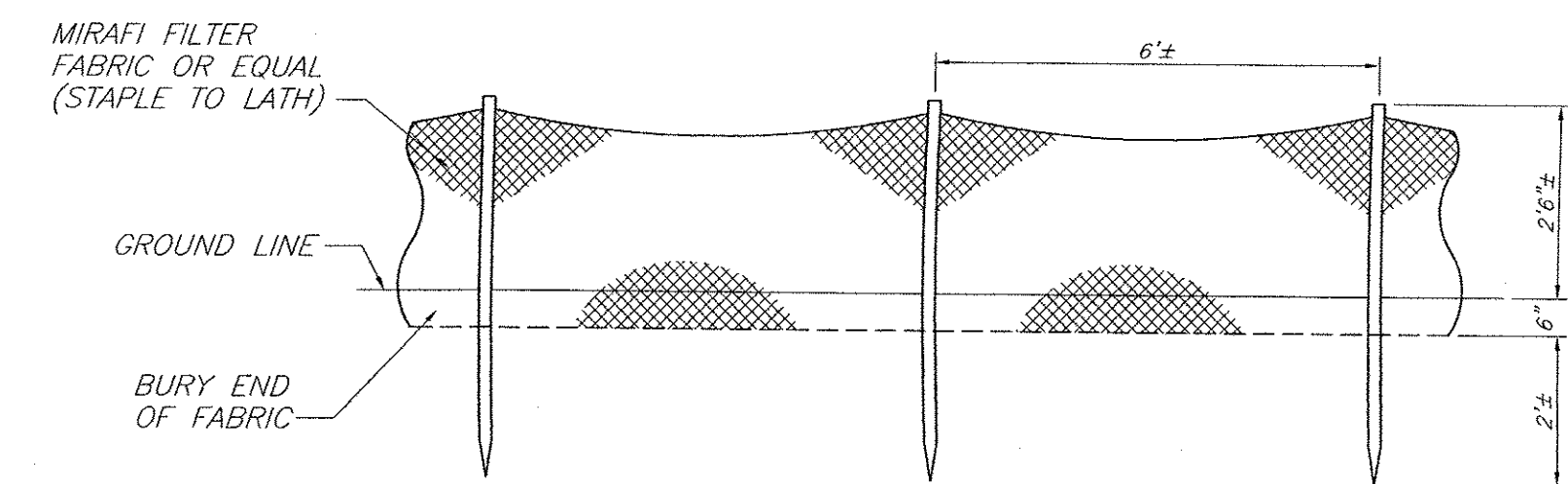
DOSING QUANTITY LOT#3

4 BEDROOM
 FORCE MAIN: 50' X 0.163 GAL/LF = 8.15 GAL.
 LATS.: 75% X 385LF X 0.653 GAL/LF = 188.55 GAL.
 TOTAL 196.70 GAL.
 3 BEDROOM
 FORCE MAIN: 50' X 0.163 GAL/LF = 8.15 GAL.
 LATS.: 75% X 275LF X 0.653 GAL/LF = 134.68 GAL.
 TOTAL 142.83 GAL.



1. INSERT A SPEED LEVELER IN THE END OF ALL OUTLET PIPES IN THE DROPBOX.
2. ROTATE UNTIL EFFLUENT ENTERS ALL OUTLETS EQUALLY.

WOODWARD'S SPEED LEVELER FSL-4 N.T.S.



NOTE:
 SILT FENCES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION AND SHALL BE CHECKED AFTER EVERY RAIN STORM. SILT FENCES ARE TO BE REPLACED AS NECESSARY DUE TO DAMAGE OR WHEN FILLED WITH SILT. SILT IS TO BE REMOVED IN FRONT OF FENCES REGULARLY TO PREVENT EXCESSIVE SOIL BEARING WEIGHT ON THE FENCES.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INITIALIZE EROSION CONTROL MEASURES. SILT FENCES ARE TO BE USED FOR SILTATION CONTROL AROUND ALL AREAS THAT WILL BE DISRUPTED DURING CONSTRUCTION. SILT FENCES ARE TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND WILL BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS REESTABLISHED.

PLANNING BOARD PROJECT #: 2015-##
 THIS SHEET IS INVALID AND VOID UNLESS ACCOMPANIED BY REMAINING SHEETS IN SET.

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	DETAILS PROPOSED SUBDIVISION KOZLOWSKI 254 QUAKER ST, SBL: 2-1-9 TOWN OF NEWBURGH, ORANGE COUNTY, NY	
DATE: 02/05/15 SCALE: AS NOTED JOB NUMBER: 14112-MTK SHEET NUMBER: 2 OF 2		

REVISIONS			
REV.:	DATE:	BY:	DESCRIPTION: