TOWNSHIP OF WEST MILFORD
DEPARTMENT OF HEALTH
1480 UNION VALLEY ROAD
WEST MILFORD, NJ 07480

Permit # 12021

SEPTIC INSPECTION REPORT

Applicant: Tomaszewicz Telephone _____

Location: 1 Smithville Rd Block 705 Lot 9

Septic Installer: Joe Ragonese / Patti Hoffman

DATE	TYPE OF INSPECTION	INSPECTOR
5/28/15	Baffle Repair only * Manhole cover for both tanks OK ✓ DR	

Check # 8288
$90.00

Permit No. 12021

DEPARTMENT OF HEALTH

TOWNSHIP OF WEST MILFORD

PERMIT TO LOCATE AND CONSTRUCT OR ALTER AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Owner's Name ~~Wendy Moser~~ Tomasiewicz Phone _____

Location (Address) 1 Smithville Rd. Block No. 705 Lot No. 9

Contractor's Name Joe Ragonese. Phone 973-728-2285

Contractor's Signature _____

Single Family dwelling: Number of Bedrooms 3

Commercial Building: Number of Realty Units _____

In accordance with the provisions of an ordinance entitled:
"Including Subsurface Sewage Disposal Code (1990) N.J.A.C. 7-9A"
concerning standards for individual subsurface sewage disposal systems.

Repair Baffles only *
and manhole cover
Tank A; Tank B *

Dept. of Health Township of West Milford
in the County of Passaic and
State of New Jersey

4-30-15
Date

Donna Ruccione, REHS
Administrative Officer

PERMIT EXPIRES 1 YEAR FROM DATE OF ISSUANCE.

ENGINEER MUST INSPECT AND CERTIFY ALL ELEVATIONS.

DEPARTMENT OF HEALTH
1480 UNION VALLEY ROAD,
WEST MILFORD, NJ 07480

PERMIT NO. 12021

APPLICATION FOR PERMIT
TO ALTER OR RECONSTRUCT AN EXISTING
INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Repair

INSPECTION REPORT

Lakeland Septic 4-3-15

DATE APPLICATION RECEIVED 4-30-15
DATE APPLICATION REVIEWED 4-30-15
APPROVED X REJECTED
VARIANCE GRANTED
COMMENTS:

Owner's Name ~~Wendy~~ Henry + Kerri Tomaszewicz Phone

Location Address 1 Smithville Rd Block No. 785 Lot. No. 9
No. Street

Dwelling Residential No. of Bedrooms 3 Commercial Building

No. of People Total Gals./Per Day

SEPTIC TANK	CLOSED OR AERATION TANK	DISPOSAL BED	DISPOSAL TRENCH	SEEPAGE PIT
Capacity	Capacity	Width	Width	Capacity
Material	Material	Length	Depth	Height
		Area Sq. Ft.	Area Sq. Ft.	

X = LIMITING CONDITIONS

____ Soil Conditions
____ Depth to ledge
____ Depth to water
____ Seepage
____ No percolation test taken
____ Distance from house
____ Distance from stream/lake
____ Square foot area
____ Distance from a well
____ Distance from property line

The undersigned owner recognizes the need to repair the septic system on this property and understands the limiting conditions imposed on the proposed installation.

The owner also recognizes that the Administrative Authority is endeavoring to accomplish a workable solution to the existing septic problem under the conditions aforementioned and agrees to the installation and its conditions. There are no guarantees or warrantees, expressed or implied, for the satisfactory operation of the repaired system.

Signature of Owner Date Signature of Contractor or Engineer Date

SKETCH OF PROPOSED ALTERATION

MAKE AN ACCURATE SKETCH SHOWING THE FOLLOWING – LOT DIMENSIONS, LOCATION OF HOUSE, LOCATION OF EACH UNIT OF DISPOSAL SYSTEM, ALL BUILDINGS AND LARGE TREES IN DISPOSAL AREA. INCLUDE DISTANCES FROM HOUSE, SIDE AND REAR LOT LINES, AUXILIARY BUILDINGS, AND LARGE TREES. INCLUDE SEWAGE UNITS AND WELLS OF ALL ADJACENT PROPERTIES WITHIN 100 FEET OF PROPOSED DISPOSAL SYSTEM.

REMARKS: Install outlet baffle in Tank B
Replace manhole covers for both
Tank A; Tank B
per inspection 4/3/15. (DR)

Thank you Joe!!!!

1 Smithville Road

Hewitt, NJ 07421

Block 705 Lot 9

Owner:

Mr. Henry Tomasiewicz: 4 Keller Ct Park Ridge, NJ 07656 201-637-3345

The closing is Friday and the attorney wants a copy of the permit prior to closing

Outlet baffle on the secondary tank

We will do a stack to grade and use a polylock baffle and gas deflector

We will do the work Saturday mid morning. I know they don't inspect on the weekends, so a Monday inspection is fine. Let me know if I need to be there I can be there at 1:00 I have a septic inspection at 10 – 12 ish

Please fax me a copy of the permit receipt when you have a chance tomorrow.

My fax is 973-616-3508

My Info

Patti Hoffmann

Lakeland Septic Co Inc

29 Ricker Drive

Ringwood, NJ 07456

Phone: 973-838-0438

Fax: 973-616-3508

Cell: 973-703-9110

E-mail: pattilakeland@optonline.net

: : : * * : * : Communication Result Report (Apr. 30. 2015 4:02PM) * * * :

1) WM Health
2)

Date/Time: Apr. 30. 2015 3:55PM

File No.	Mode	Destination	Pg(s)	Result	Page Not Sent
3185	Memory TX	919736163508	P. 1	OK	

Reason for error
E. 1) Hang up or line fail
E. 2) Busy
E. 3) No answer
E. 4) No facsimile connection
E. 5) Exceeded max. E-mail size

Check # 8288
$90.00

Permit No. 12021

DEPARTMENT OF HEALTH

TOWNSHIP OF WEST MILFORD

PERMIT TO LOCATE AND CONSTRUCT OR ALTER AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Owner's Name Wendy Moser-Tomasiello Phone _____

Location (Address) 1 Smithville Rd. Block No. 705 Lot No. 9

Contractor's Name Joe Ragonese Phone 973-728-2285

Contractor's Signature _____

Single Family dwelling: Number of Bedrooms 3

Commercial Building: Number of Realty Units _____

In accordance with the provisions of an ordinance entitled:
"Including Subsurface Sewage Disposal Code (1990) N.J.A.C. 7-9A"
concerning standards for individual subsurface sewage disposal systems.

Repair Baffle only * and manhole cover Tank A; Tank B *

Dept. of Health Township of West Milford
In the County of Passaic and
State of New Jersey

4-30-15
Date

Donna Ruccuiu, REHS
Administrative Officer

PERMIT EXPIRES 1 YEAR FROM DATE OF ISSUANCE.

ENGINEER MUST INSPECT AND CERTIFY ALL ELEVATIONS.

4/30/15

Patti Hoffman of Lakeland Septic was contacted to verify the inspection report date 4/3/15

for: 1 Smithville Rd
Hewitt, NJ B 705 L 9

Patti verified:

(1) Tank B needs new manhole cover — old steel lid needs to be replaced w/ locking steel manhole cover

(2) Tank A — can use concrete cover, as long as it remains 6" below ground surface

(3) Tank B — install new outlet Baffle

*Fax copy of permit to Lakeland septic 973-616-3508 (DR)

Work Order #: _____

NJDEP ONSITE SYSTEM INSPECTION FORM

Inspection Overview
- Preliminary system information
- Inspection of treatment tanks
- Absorption system inspection
- Disposal/conveyance system assessment
- Identification of any alternative technology approved components
  - Requires additional inspection

INTERNAL USE ONLY

Lakeland Septic Co., Inc.
29 Ricker Drive
Ringwood, NJ 07456
Phone: 973-838-0438

Client Name: Mr. Henry Tomasiewicz	Inspection Company: **Lakeland Septic Co., Inc.**
Different from owner? No	Inspector Name: **Patricia L. Hoffmann** **PSMA, NJSMA, NOF Inspector #802**
Client Address: 4 Keller Court	Date: April 3, 2015
Park Ridge, NJ 07656	Onsite System Address (including municipality):
	1 Smithville Road
	Hewitt, NJ 07421
Contact Method: Phone: 201-637-3345	
Email: hjtomasiewicz@aol.com	County: Passaic
	New Jersey Coordinate: Block: 705 Lot: 9
	Was GPS used? No

Preliminary Information:

Weather: Clear at time of inspection over cast

Last Precipitation: + 4 days light snow no snow or rain at time of inspection on septic area

Age of System: 28 years old Age of structure: presumed 65 years old

Type of structure? Residential Multifamily listed as 2 units with tax office ~ used seasonal by family for 20 + years ~ rented by a professional couple for approximately 2 years. Apartment has been vacant for 8 -9 months.

How many systems are being inspected? 1

List any commercial activities or high impact hobbies: None

Describe prior problems and/or repair history including soil fracturing or use of chemical additives. Include dates and explain why the remedial measures have been applied to the system (if available): new system installed 1987

Date file review requested with administrative authority:

	Yes/no		*Yes/no*
Is there a site plan or septic map available?	Yes	Were there any past sewage backups in to the structure?	No
Is the dwelling currently being occupied?	Yes	Does all sewage enter the septic system and no type of sewage bypass exists?	Yes
If yes, how many occupants?	2	Do trees or roots interfere with the system?	No
If no, date last occupied	~	How many people will be moving in?	?
Is there a washing machine connected to a separate gray water disposal system?	No	Septic Tank Pumping: Is the septic tank pumped regularly?	Yes
Are there additional gray water systems?	No	Frequency:	3 yrs
Is there a garbage disposal system?	No	Date of last pumping:	2013
Is there a sump pump discharging into the system?	No	Was file review completed prior to inspection?	Yes
How many bedrooms? Finished attic observed	3	If no, explain why?	

Comments: Both septic records and tax records were obtained prior to entering the site. Once on site I entered the dwelling and counted two bedrooms on the main floor and what appears to be a finished attic on the second. This area is carpeted and has windows on both ends a long with 2 small door that open into the knee wall. Tax records show the home as 3 bedrooms. The attic area did not appear to simulate a bedroom, but more as a family or playroom. While in the basement, I did observe a one bedroom apartment with a modest kitchen and full bath.

The weather was clear at time of inspection with the anticipation of an evening thunder storm. No rain at time of inspection. Site was dry and clear of snow or debris.

Treatment Tank: A two tanks in series			*Yes/No*
Type of system being inspected? Septic/laundry		Main tank lid opened for inspection?	Yes
		Liquid level below the tank's inlet invert?	Yes
		Liquid level below the tank's outlet invert?	Yes
Name the material of the system: Precast concrete		Treatment tank pumped for this inspection?	No
SLUDGE: 4" SCUM: floating paper		Are any portions of the tank(s) under a deck, driveway etc?	No
Approximate treatment tank volume: 500 gallons due to ledge rock this was the only size tank that would work		Is there evidence that sewage has surfaced above the treatment tank?	No
Evaluate the conditions of tank below: *Satisfactory, Satisfactory with Concerns, unsatisfactory Additional Investigation, or N/A*		Does water flow unimpeded from the treatment tank?	Yes
		Is an effluent filter part of the system?	No
Top and lids:	**Unsatisfactory**	If yes, does it appear properly maintained?	~
Inlet baffle:	Satisfactory	Are there any other types of accessory units present?	No
Outlet baffle:	Satisfactory	Risers:	0
Cracks or leaks:	Satisfactory	Depth to top of tank: 9"	
Sewage flow from structure:	Satisfactory	Depth to top of tank access: 6"	

Comments: This tank (A) is the first tank in a series of two. Due to the ledge rock a conventional 1000 gallon tank would not work in this application, so 2- 500 gallon tanks were used and approved by the local BOH in 1987. Tank (A) was located 9" deep with a 30" thin metal lid that does not meet code requirements. Steel covers below the surface tend to rot and when you least expect it the fold in. This manhole cover need to be replace to avoid a potential hazard.

Once opened the tank appeared to be at operating level. A sludge judge measured the debris on the bottom of the tank. Sludge 4" and minimal floating scum.

A pole mirror along with a q-beam observed the inlet/invert baffle and the outlet baffle. The inlet/invert is original concrete and appears to be in sound condition and in function, whereas; the outlet is a PVC-T also found to be in proper function. Tank (A) leads to tank (B) then to the absorption area.

Tank (A) was not pumped at time of inspection. Steel lid was replaced back on tank along with the dirt. Area was raked off.

Recommendations for this tank to bring it into satisfactory condition are:
Empty tank (A) prior to closing
Pump out permit required from the Township of West Milford ~ town licensed pumper will have the permit
Replace the manhole cover with concrete as long as it remains 6" below the surface

We verified that the washing machine discharge go directly into tank (A). Confirmed with diving rods and could hear the water running in the cleanout by the corner of the dwelling. No cesspool on site.

At the time of my inspection I confirmed where the washing machine went to. Several areas outside the wall where the washer was probed and we could not find a cesspool. (note nowhere in the town record does it say there is or one on site) With the use of divining rods no fluid was found in the side yard prior to running any water from within. We disconnected the cold water line from the washer and stuffed it into the stand pipe and turned the water on. Quickly after the water was

started the rods we able to pick up the waters currant. Traveling down the side of the building sideways, forward and sideways again the rods pulled to the back yard towards the septic tank (A). With the water still running we took the 4" PVC cleanout cap off on the side of the building and running water could be heard. No water in any other part of the dwelling was on during this test. The water entered the septic tank. No cesspool was found at time of my inspection. It appears the laundry water enters the septic tank (A).

Treatment Tank: (B) secondary or 2nd in series			*Yes/No*
Type of system being inspected? Secondary tank		Main tank lid opened for inspection?	Yes
		Liquid level below the tank's inlet invert?	Yes
		Liquid level below the tank's outlet invert?	Yes
Name the material of the system: Precast concrete		Treatment tank pumped for this inspection?	No
SLUDGE: very faint 6" SCUM: 0		Are any portions of the tank(s) under a deck, driveway etc?	No
Approximate treatment tank volume: 500 gallons		Is there evidence that sewage has surfaced above the treatment tank?	No
Evaluate the conditions of tank below: *Satisfactory, Satisfactory with Concerns, unsatisfactory Additional Investigation, or N/A*		Does water flow unimpeded from the treatment tank?	Yes
		Is an effluent filter part of the system?	No
Top and lids:	**Unsatisfactory**	If yes, does it appear properly maintained?	N/A
Inlet baffle:	Satisfactory	Are there any other types of accessory units present?	No
Outlet baffle:	**Unsatisfactory**	Risers:	0
Cracks or leaks:	Satisfactory	Depth to top of tank: 4"	
Sewage flow from(A) tank:	Satisfactory	Depth to top of tank access: at grade	

Comments: This tank (B) is the second and final tank in series. Again due to the ledge rock a conventional would not work in this situation. Tank (B) was located 4" deep with a 30" standard concrete manhole cover at grade. This manhole cover also does not meet code requirements. Any manhole cover at grade is required to be a locking manhole cover, again to avoid any potential hazards.

Once opened the tank also appeared to be at operating level. A sludge judge measured the debris on the bottom of the tank. Sludge 6" very faint finds and no scum. As a secondary tank it is properly working.

We also used a pole mirror and q-beam observed the inlet/invert baffle and the outlet baffle. The inlet/invert is PVC and the outlet is original concrete and deteriorated at the top. The outlet baffle needs to be replace.

Tank was not pumped at time of inspection. Concrete manhole was replaced and dirt packed around its sides.

Recommendations for this tank to bring it into satisfactory condition are:
Empty tank (B) prior to closing
Pump out permit required for the Township of West Milford ~ again pumper will have the permit
Replace the manhole cover with a locking steel manhole cover
This concrete manhole is in sound condition and can be used on tank (A) for its repair.
Install a new outlet baffle. Old baffle needs to be knocked off
Permit for repair/alteration and town inspection for new baffle

Absorption Area:	
Name the type of the absorption system: Gravity	
Was the absorption system located? Yes	
	YES/NO
Was a separate probe dug in the absorption area to confirm the observations in the inspection ports? No ports pre 1990	No

Are there any sewage odors in the area of the absorption system?	No
Does sewage flow back from the absorption system to the treatment tank?	No
Are there any visible signs of effluent or sewage in the area above or near any of the system components?	No
Are there any visible signs of effluent or sewage in the areas at or near the inlet invert of any absorption area components?	No
Is there lush vegetation in the areas above or near system components?	No
If exposed, is the distribution box in satisfactory condition?	?
Is there evidence of large objects (cars, pools, etc.) in the area directly over any part of the absorption system?	No

Comments: The absorption area was located just off the second tank (B). Divining rods verified and confirmed 4 laterals in the area. Several test holes were originated prior to introducing any fluid. Test holes were probed to 48" plus. Topcoat was measured at 18" whereas the aggregate is another 18". Remarkably there was no staining or sewerage in any of our test holes. No standing fluid was found anywhere in the area.

A stress test was performed and water was discharged for 30 minutes with no measurable fluid anywhere. No staining or sewerage odors were noticed. Approximately 150 gallons was discharged. Test was stopped since no measurable fluid was being noticed during this test. If this area was not functioning water would continue to rise in which it did not. All test holes were revisited 30 to 40 minutes later. Keep in mind the aggregate (stone) is storage until the fluid seeps into the ground. Even 30 minute later no standing fluid anywhere. This componet is able to handle one days flow. No concerns at time of inspection.

It appears that this area is functioning as designed. Therefore this componet of the septic system was found to be in Satisfactory condition on the day it was inspected.

Hydraulic load tested: No

This onsite wastewater system is able to handle one days flow according to the daily loading standards.

Sketch

BOH sketch is correct

Dosing or Pump Tank:	*Yes, No, Requires Additional Investigation, or N/A*
Does the system contain a dosing or pump tank?	**No**

Summary:	*Satisfactory, Satisfactory with Concerns, Unsatisfactory, Requires Additional Investigation, or N/A*
Condition of the septic treatment tank(A):septic/laundry (B):secondary	**Unsatisfactory manhole cover Unsatisfactory manhole cover baffle**
Condition of the dosing system(s):	**N/A**
Condition of the conveyance system(s):	**Satisfactory**
Condition of the absorption area(s):	**Satisfactory**
Condition of any accessory components:	**N/A**

Work Order #: _____

Health Department Reporting:

Note if any of the following conditions were observed during the inspection:

( ) 1. Contamination of nearby wells, or surface water bodies (eg: streams or rivers), by sewage or septic effluent.
( ) 2. Ponding or breakout of sewage or effluent onto the surface of the ground
( ) 3. Seepage of sewage or effluent into portions of buildings below ground
( ) 4. Backup of sewage into the building served which is not caused by a physical blockage of the internal plumbing

Some communities in New Jersey have passed ordinances requiring notification of observations that are consistent with any of the 4 conditions noted above, within 24 hours of the observation. These local ordinances also require a copy of this report within 10 days of the issuance of this report, regardless of observations made. These are not statewide requirements at this time.

If encountered, describe all observed noncompliant conditions encountered during this inspection: **None at time of inspection**

Customer authorization:
I have read and understand the information, as presented by the Inspector, on site and in this written report. I understand that Lakeland Septic Co., Inc. relies on information supplied by the owner(s) of the listed property or their agent and the local administrative authority in the evaluation of the onsite wastewater treatment and disposal system. I further understand that a copy of this report will be sent to the local administrative authority and I authorize Lakeland Septic Co., Inc. to provide this form to all parties as required.

Customer signature:	Printed name:
Inspector's signature:	Printed name: **Patricia L. Hoffmann** **PSMA, NJSMA, NOF Inspector #802**
	This report will be forwarded to the local Board of Health Office within 5 business days.

Disclaimer:
Based on today's observations and the information provided by the above said client or their agent, Lakeland Septic Co., Inc. submits this onsite sewage disposal system inspection form. The inspection is based on the current condition of the onsite sewage disposal system. Lakeland Septic Co., Inc. makes no representation that the system was designed, installed, or meets N.J.A.C. 7:9A-1.1 et seq. Lakeland Septic Co., Inc. has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time. Because of numerous factors (usage, soil type, installation, maintenance, etc.), which affect the proper operation of an onsite disposal system, as well as the inability of Lakeland Septic Co., Inc. to supervise or monitor the use and maintenance of the system, this form shall not be construed as a warranty by Lakeland Septic Co., Inc. that the system will function properly for any prospective buyer. Lakeland Septic Co., Inc. disclaims any warranty, either expressed or implied, arising from the inspection of the septic system.

This form was developed as a cooperative effort of:
Pennsylvania & New Jersey Septage Management Associations,
Rutgers Cooperative Extension New Jersey Agricultural Experiment Station, *and*
The New Jersey Department of Environmental Protection Septic System Inspection Protocol Subcommittee

Classic Septic Inspections Inc.

April 1, 2015

Ms. Wendy Mosca

Re: Septic System Inspection
1 Smithville Road – Block: 705 Lot; 9
West Milford, NJ

Dear Ms. Mosca:

Thank you for choosing **Classic Septic Inspections** to conduct your septic system inspection. Per your request a representative of this group has inspected the individual on-site waste disposal system at the above referenced property. The following report summarizes that effort and also provides some important information that may impact your decisions regarding the system and future maintenance or repair issues.

CSI Inspectors are **"guided"** by information presented in the "Technical Guidance for Inspections of Onsite Wastewater Treatment and Disposal Systems" prepared by the New Jersey Department of Environmental Protection. Although certain conditions found during these inspections are clear malfunctions, other may merely be indications of operating conditions that are not in conformance with either accepted standards or the intents of the original design.

In any case, **Classic Septic Inspections** strictly adheres to 'any concern or unsatisfactory conclusion reached regarding an onsite system that requires further action must be resolved or negotiated between the buyer and the seller.' (Technical Guidance for Inspection of Onsite Wastewater Treatment and Disposal Systems)

Throughout the report you will find a number of terms in **bold**. These terms are defined in detail elsewhere in the document and you are encouraged to read these definitions and understand the language used. In addition you have received a copy of a Homeowner's Manual for Septic Systems provided by the New Jersey Department of Environmental Protection. If this manual was not provided at the inspection, please contact our office to receive your copy.

127 Highland Avenue, Midland Park, New Jersey 07432
201-857-3011 • 201-857-2886 • 973-900-1330
F: 201-857-3631
classicseptic@optonline.net

On the date of the inspection, Tuesday, March 31st, some light snow was falling in and around the area. While the function of septic systems is not generally impacted by the weather, severe conditions may inhibit the access to the individual system elements.

While at the site we inspected a 29-year old combined septic system. Our inspector, Danny, was informed that the septic system serves a four-bedroom home; **however, the attached Board of Health paperwork states the number of permitted bedrooms for this property is three (3).** Although there may appear to be four bedrooms in the dwelling, the size of the septic system is a function of the number of **permitted** bedrooms. **Additional rooms may have been added without the knowledge or approval of the local administrative authority.**

A 500-gallon concrete anaerobic septic tank and a 500-gallon overflow tank were exposed, opened and inspected. The concrete cover to grade on the overflow tank, the inlet and outlet baffles and the integrity of the tanks appear to be satisfactory; **however, the lid on the septic tank consists of a piece of steel and does not meet current code.** Going forward, the septic tank must be pumped at regular intervals, usually every two to three years, to properly maintain the system. Although the guidelines state that "no inspection is complete until every tank is pumped and its condition evaluated", CSI explained why they do not require pumping at every inspection unless the inspector has reason to believe that pumping will expose defects that cannot be identified through other means. Under no condition will the tanks be pumped during an inspection if the disposal area is determined to be unsatisfactory.

The aerobic portion of the system consists of a 400 square-foot gravity disposal field, which appears to be under-sized. The disposal field was located and probed from the surface. The top of the distribution system material (gravel) was encountered approximately 25" below the surface and effluent and sludge were observed at 6" below the top of stone. The disposal field is nearing maximum capacity. Any increase in water usage may cause a system overload.

The gray water (laundry) discharges out the right side of the house and very close to the well. Per New Jersey state codes, as of April 2, 2012, all waste water must be discharged into a treatment tank before entering an absorption area.

Conclusions

Based on today's findings, this septic system is not operating in an acceptable manner and therefore receives an inspection certification of UNSATISFACTORY.

- **The house is listed as a four-bedroom dwelling, however, the septic system was designed for three bedrooms.**
- **The lid on the main septic tank is unsatisfactory and does not meet current code.**
- **The disposal field appears to be under-sized and is nearing maximum capacity.**
- **The gray water does not meet current code.**
- **Recommend contacting a licensed professional engineer and/or contractor to devise a plan for a new septic system or alteration to the present system that will meet with current state and local code. (Not all unsatisfactory systems require complete replacement.) All repairs/replacements must be approved by the Board of Health.**

Disclaimer:

Based on today's observations and the information provided by the owner(s) or their agent, CSI submits this sub-surface sewage disposal system inspection report. The inspection is based on the current condition of the onsite sewage disposal system. CSI makes no representation that the system was designed, installed or meets N.J.A.C. 7:9A-1.1 et seq. CSI has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time. Because of numerous factors (usage, soil type, installation, maintenance, etc.) which affect the proper operation of a sub-surface disposal system, as well as the inability of CSI to supervise or monitor the use and maintenance of the system, this report shall not be construed as a warranty by CSI that the system will function properly for any prospective buyer. CSI disclaims any warranty, either expressed or implied, arising from the inspection of the septic system.

Cautions

Septic Systems Have A Limited Life

This inspection does not specify the length of life remaining nor can that life expectancy be certified since many conditions which impact the system can change over short periods of time.

Age of the System

Like other components of a home, the older the septic system the less useful life it may have. Systems more than fifteen years old probably do not meet current standards, yet may function normally. Systems older that twenty years are generally beyond their peak operating efficiency and are likely to require repair or replacement soon, even if they are functioning at the time of the inspection.

System Design and Installation

The inspector may not be able to identify the location, size or configuration of all system components, depth of the system or alteration made without permits. As a result, this report will not confirm if the design or installation of the septic system conforms to State or local health department standards for size or setback requirements.

Number of Occupants

If the number of current occupants is less than the proposed number of new occupants moving into the home, or if higher water use is anticipated, it is not possible to predict how the system will function.

System Location

Septic Systems are buried below ground, sometimes in excess of five feet. Homeowner and municipal records are often unavailable or inaccurate. It is impossible for our company to locate and identify all system components at every inspection. Furthermore, it may not be possible for our company to determine if there have been alterations made to the system, or if the alterations meet current standards.

Supplemental Information

What kind of system do I have?

In this geographical area, **gray water** is usually water from a laundry system or kitchens. Perhaps the effluent from a sump pump, the foundation footing drains, roof runoff, and sometimes shower drains also enters the system. In New Jersey and New York this type of discharge is frowned upon and usually these types of discharge are recommended for removal from the septic system.

Black water usually refers to any flow containing human waste products. Although shower and bath flow generally does not contain human waste it is almost always mixed with toilet waste in the plumbing system. Subsequently all bathroom waste is usually referred to as black water.
In general gray water usually does not contain human waste products and does not need to be digested like human waste. Nonetheless the disposal requirements for this type of water are the same as black water.

For this reason most septic systems are built to receive combined waste. In addition to the obvious size reduction, there is also some treatment benefits realized from mixing the waste flows in the septic tank.

Why Do Septic Systems Fail?

A failing septic system is one that has sewage on the surface, in the house or in the well. This inspection, however, probably involves the sale of a costly piece of property. And the intent of the inspection is to determine whether or not the system is 'Operating As Designed'.

The following additional information concerning **Failing Septic Systems** can help you make an informed judgment concerning the likelihood of future failure should some cautions be raised by the inspector during the evaluation.

If the liquid effluent cannot soak into the soil surrounding the leach field, sewage may back up into the system and overflow into the house or puddle on the surface of the ground. This is a Failing Septic System. There are several possible causes for this problem.

1. Poor Soil Conditions; Faulty Design or Installation of Septic Systems
A leaching system placed in unsuitable soil, a system that is too small for the house it serves, or an improperly constructed system may lead to early failure.

2. Soil Clogging and Septic Systems
If sludge or scum is allowed to escape into the distribution box and from there into the leach field, the soil will quickly become clogged. If this happens, the liquid will no longer soak, or percolate, into the soil. Broken baffles in the septic tank that allow sludge or scum to escape can cause this condition. Failure to have the tank pumped can also lead to a situation where the sludge and scum overwhelm the baffles. Other causes of soil clogging can be as simple as an aging system. When a system ages, the naturally occurring biology found in the disposal area and surrounding soil can accumulate to a level that eventually clogs the soil.

3. High Water Table and Septic Systems
During wet, or abnormally wet, season's groundwater may rise into the leach field and force sewage upward to the ground surface. The presence of water in the disposal bed will dramatically shorten the life of the system. Since the water displaces the air normally found in the leaching area, the aerobic conditions no longer exist and the bed goes immediately into failure. This condition may mean the system has to be re-installed at a higher level. It may also be possible to intercept the high groundwater with a series of drains around the system called "curtain drains".

4. Roots and Clogging of Septic Systems
The roots of trees and bushes planted too close to the system can sometimes enter and block the pipes of the system. Removal of the plants and clearing the pipes of the roots is usually required.

5. Physical Damage to Septic System Components
Trucks or heavy equipment passing over the system can damage pipes and joints to the point of rendering the system inoperable. You should be aware of the location of the system and direct traffic to avoid such damage.

When is a system Operating As Designed?

After conducting the inspection the Inspector will generally indicate one of four options.

1. **Satisfactory (Operating as Designed)**
2. **Satisfactory with Concerns**
3. **Unsatisfactory (Not Operating As Designed)**
4. **Needs More Investigation**

In general the inspector is looking for two distinct treatment areas in the septic system. He must find a water tight, functioning anaerobic vessel and a dry operating aerobic area. The later may be in the form of a disposal bed, trenches or seepage pit. Or it may be in the form of an aerobic treatment system, sand filter or even a conventional sewage treatment facility.

If each of these elements is located and no physical defects are identified, the system will be found to operate as designed and a finding of Satisfactory is given. If the system is working but the aerobic area is partially flooded or a similar symptom is observed, then the system may be operating as designed but specific concerns will be outlined in the report suggesting a limited life remains.

If either treatment area is not functioning either because it has reached the end of its life or because of physical damage, a finding of Unsatisfactory will be reached. In rare cases, some physical constraint such as overly deep system elements or limited access (i.e. under structures or paved areas), additional investigation using more sophisticated equipment will be required.

If you have any questions regarding this report or require additional information, please contact our office at 973 900-1330.

Sincerely,
CLASSIC SEPTIC INSPECTIONS

Michael Acito

INSPECTION REPORT

1A - 4½ ok MT

2A - 43 ok MT

3A ok

(6067)

DATE APPLICATION RECEIVED _____

DATE APPLICATION REVIEWED _____

APPROVED ▸▸ REJECTED ▸▸ INITIAL ▸▸▸

COMMENTS: _____

TOWNSHIP OF WEST MILFORD
Passaic County, New Jersey

DEPARTMENT OF HEALTH

APPLICATION FOR PERMIT TO ALTER OR RECONSTRUCT AN EXISTING INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Owner (print) MR. KROSE

Mailing Address & Phone 1 SMITHVILLE RD HEWITT 07421

Location Address _____ (No. / Street) Block No. 168 Lot No. 38-41

Dwelling Unit ing - No. of Bedrooms 3 Use: Yearly ☒ Summer ☐ Expansion Attic - Yes ☐ No ☐ 1905 9

Other — Type of Building _____ No. of Persons _____ Gals./Person/Day _____ Total G.P.D. _____

Nature of Alteration (Check and supply information requested. When only septic tanks are to be replaced or altered, percolation tests will not be required.)

SEPTIC TANK	GREASE TRAP	DISPOSAL BED	DISPOSAL TRENCH	SEEPAGE PIT
Liquid Cap. 1000	Liquid Cap.	Width 16	Width	Width
Material	Material	Length 25	Depth	Length
Width	Width	Area Sq. Ft. 400	Area Sq. Ft.	Diameter
Length	Length	Distance between Lines 4	Distance between Lines	Depth Below Inlet
Diameter	Diameter	Type of Pipe PERF	Type of Pipe	Area sq. ft. of liner

X = LIMITING CONDITIONS

POOR ___ Soil Conditions
5 FT ___ Depth to ledge
___ Depth to water
___ Seepage
X ___ No percolation taken

5 ___ Distances from house
___ Distance from stream/lake
400 ___ Square foot area
___ Plumbing not high enough
___ Other

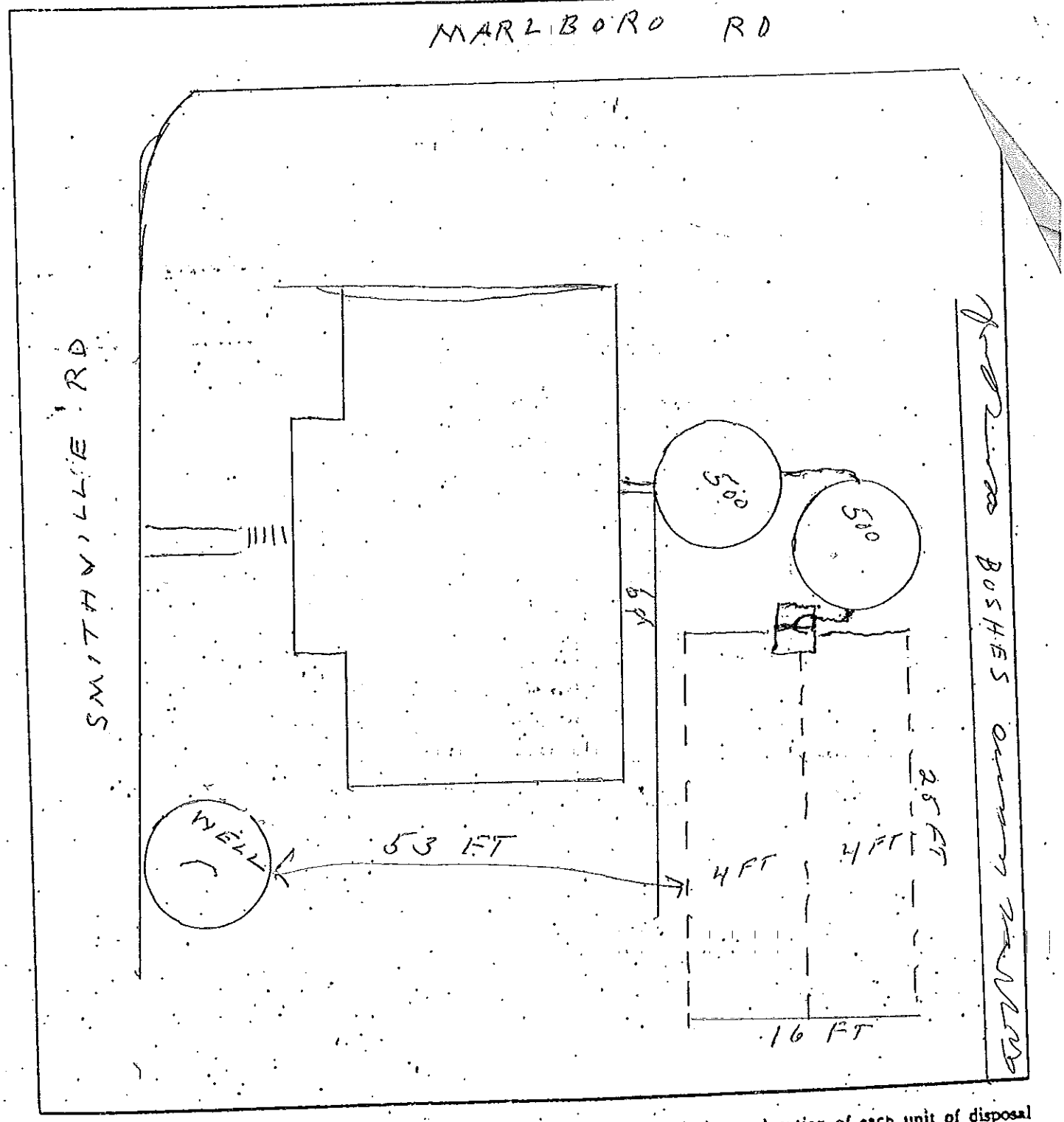
The undersigned owner recognizes the need to repair the septic system on this property and understands the limiting conditions imposed on the proposed installation.

The owner also recognizes that the Administrative Authority is endeavoring to accomplish a workable solution to the existing septic problem under the conditions aforementioned and agrees to the installation and its conditions.

William R Krouse 3/30/87
Signature of Owner / Date

Peter Woszyluk 3/30/87
Signature of Contractor -or- Engineer / Date

SKETCH OF PROPOSED ALTERATION



Make an accurate sketch showing the following — lot dimensions, location of house, location of each unit of disposal system, all buildings and large trees in disposal area. Include distances from house, side and rear lot lines, auxiliary buildings, large trees, sewage units and wells of all adjacent properties within 100 feet of proposed.

REMARKS: REMOVE & REPLACE TANKS & BED

Owner: William R Krause

Contractor: Pete Wozyluk

ition Permit.....$20.00
w Construction
Permit.....$30.00

Permit No. 6061

TOWNSHIP OF WEST MILFORD
PASSAIC COUNTY, N. J.

DEPARTMENT OF HEALTH

PERMIT TO LOCATE AND CONSTRUCT OR ALTER AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Owner's Name R. Kuse Phone

Location - Address 1 Smithville Rd Block No. 113 Lot No. 38-41

Contractor's Name P. Dzugluk Phone

In accordance with the provisions of an ordinance entitled: "AN ORDINANCE establishing a code to regulate and control the location, construction, use, maintenance, and method of emptying or cleaning individual sewage disposal systems, or other places used for the reception or storage of human excrement, the issuance of permits and providing penalties for the violation thereof.", or as may be directed by the Dept. of Health & State Law P.L. Ch 199

Dept. of Health of Township of West Milford
in the County of Passaic and
State of New Jersey

3/30/67
Date

Marion V. Poore
Administrative Officer

Application Filing Fee $2.00

TOWNSHIP OF WEST MILFORD
Passaic County, N. J.

BOARD OF HEALTH

Application No. 1420

Date

CONSTRUCT
APPLICATION FOR PERMIT TO ALTER AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM
RECONSTRUCT AND IMPROVE

Owner (print) LOUIS FONZO

Location - Address MARLBORO & SMITHVILLE ROAD (No. / Street) or Block No. 168 (705) Lot No. 38 - 42 (9)

Present Address

Dwelling Unit — No. of Bedrooms 2 Use: Yearly ☐ Summer ☒ Expansion Attic — Yes ☒ No ☐
TOTAL BEDROMMS * FOUR

Other —Type of Building

Type of Facilities ..... Persons ..... Gals. per Person .....

Nature of Alteration (Check and supply information requested. When only septic tanks are to be replaced or altered, percolation tests will not be required.)

SEPTIC TANK	2 DISPOSAL BED'S	DISPOSAL TRENCH	SEEPAGE PIT	DISTRIBUTION BOX
Liquid Cap. EXISTING	Width 12 ft	Width	Width	Width 1 ft
Material	Length 30 ft	Depth	Length	Length 2'-6"
Width	Area Sq. Ft. 360 @ 720	Distance between	Diameter	Depth 1'-6"
Length	Distance between	Lines	Depth Below	No. Outlets
Diameter	Lines 4 ft	Type of Pipe	Inlet	
Two Compartment Approx. 1750 gls	Type of Pipe 4" Perf		Material	

PERCOLATION TEST RESULTS

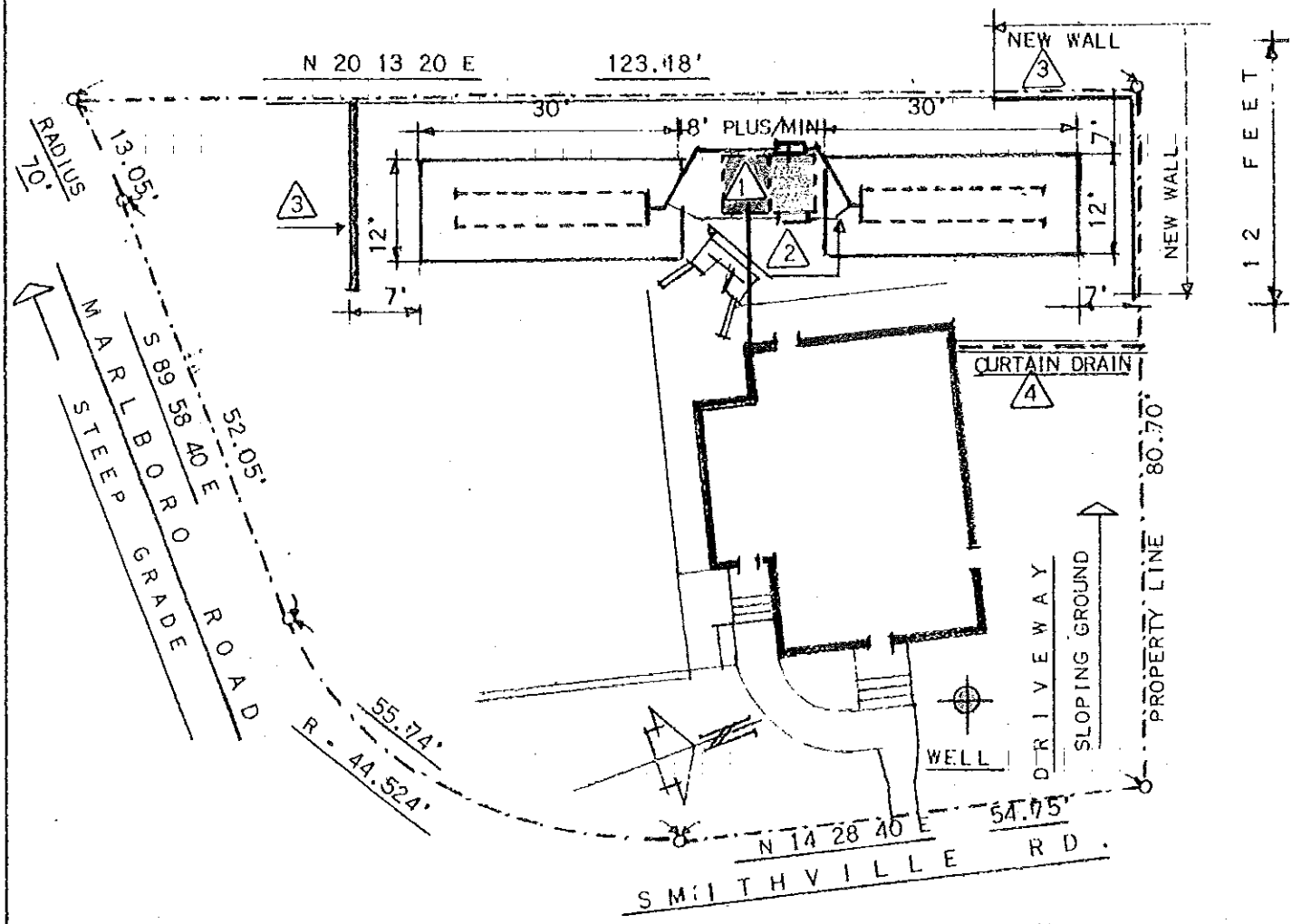
Hole No.	Time in Min. per In.	Number of Tests to Determine Saturation	Depth	Type of Soil Encountered, Depth of Each Type
1	19	1	30"	16" Silty Sand; 14" Sandy Clay
2	20	1	30"	12" Silty Sand; 18" Sandy Clay

Remarks and/or Variances Required: VARIANCE REQUIRED , covering distance of System from Residence and Property Line (7 ft).

There is no Basement in this Residence. Topography and Ground Conditions are such that the choice of location for disposal is limited. (Sloping ground , Ledge , etc.)

See Drawing B- 1057 - Print attached

Performed by A. MEIER Date 9/19/62



— L O C A T I O N - P L A N —

S C A L E 1" = 20'

NOTE: ① EXISTING SEPTIC TANK - TWO COMPARTMENTS - APPROX 1750 GLS.

② INSTALL DISTRIBUTION BOX WITH BAFFLE PLATE-PREFERABLE BETWEEN TANK AND RESIDENCE - IF NOT POSSIBLE-LOCATE ON OPPOSITE SIDE. PROVIDE OUTLET FROM TANK WITH PROPER BAFFLE PLATE .

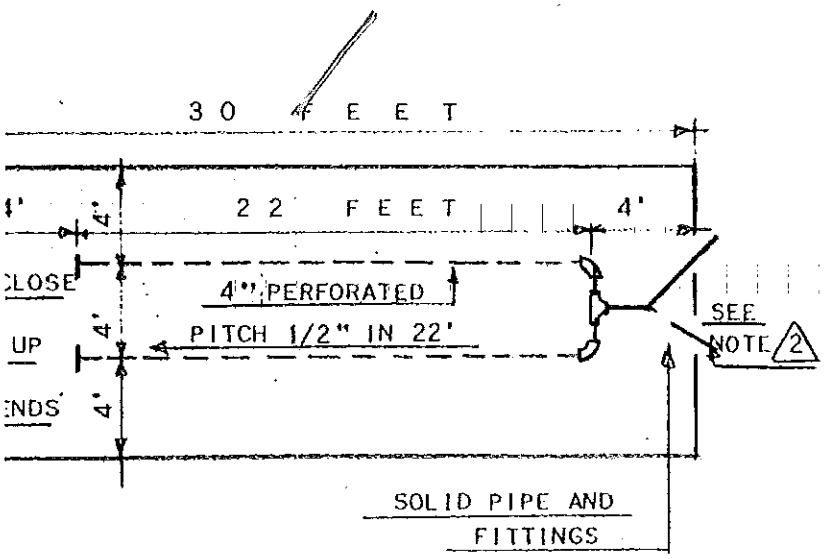
③ EXTEND AND CONSTRUCT NEW RETAINING WALL WHERE INDICATED.

④ PROVIDE SUB-SURFACE DRAINAGE TO PREVENT SATURATION OF THE DISPO

SHOULD DURING CONSTRUCTION AN UNUSUAL CONDITION BECOM OR SHOULD CONTRACTOR DOING THE JOB BE IN DOUBT ABOUT ANY PART STALLATION OR THE MEANING THEREOF - THAN PLEASE CONTACT THE E INFORMATION.

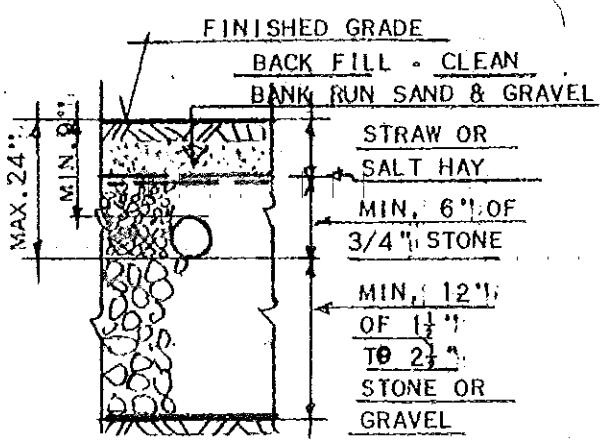
TOPOGRAPHY IS SUCH - THAT SPECIAL CARE IS REQUIRED FOR PROPER

PERIODIC CHECKING OF THE SEPTIC TANK AND RESPECTIVE CLEANING NECESSARY - IS ESSENTIAL FOR PROPER MAINTENANCE.



DISPOSAL BED
(TWO REQUIRED)

SCALE 1/8" = 1'



TYPICAL SECTION THRU DISPOSAL BED

PERCOLATION TEST - SEPT. 19TH, 1962

TEST BORING # 1 - 30" DEEP - 16" SILTY SAND - 14" SANDY CLAY
PERCOLATION 19 MIN/IN

TEST BORING # 2 - 30" DEEP - 12" SILTY SAND - 18" SANDY CLAY
PERCOLATION 20 MIN/IN

DESIGN OF THIS INSTALLATION IS BASED ON PERCOLATION AS OBSERVED AT THE DEPTH AS INDICATED - FOR A FOUR BEDROOM RESIDENCE - IT REQUIRES APPROVAL FOR VARIANCE - COVERING THE DISTANCE OF THE SYSTEM FROM THE RESIDENCE AND THE PROPERTY LINE (SEVEN FEET)

- PROPOSED IMPROVEMENT - and RECONSTRUCTION of SANITARY DISPOSAL SYSTEM

FOUR BEDROOM RESIDENCE

BED.

APPARENT-
F THE IN-
INEER FOR

RADING.

EN

WEST MILFORD TOWNSHIP REFERENCE MAP SHEET 9 C

ALFRED O. MEIER
CONSULTATION & DESIGN
UPPER GREENWOOD LAKE TEL 201 853 - 4612

LOUIS FONZO
MARLBORO RD. AND SMITHVILLE ROAD
WEST MILFORD TWSP. PASSAIC COUNTY N.J.
BLOCK 168 LOT 38 - 42

SCALE AS SHOWN | DATE SEPT. 21/62 | DRWG. B - 1057

ALFRED O. MEIER
Consulting Engineer
N.S.P.E. A.M.E. A.O.A.
BOX 7419 - UPPER GREENWOOD ROAD
HEWITT, N. J.

SPECIALIZING IN THE INSTALLATION OF FACILITIES FOR THE HANDLING, STORING AND MARKETING OF PETROLEUM PRODUCTS

UPPER GREENWOOD LAKE
77-2282

APRIL 28th, 1963

WEST MILFORD TOWNSHIP
BOARD OF HEALTH
Attention Mr. J. Greene:

Re: Sanitary Installation.
PERMIT # 1420 - 10/19/62

DEAR SIR :

Supplementary to letter of November 17th, 1962, please be advised that a final inspection was made at this date at Marlboro Road - Block 168 - Lot 38 - 42 - Louis Fonzo.

The retaining wall has been constructed and and the final grading completed.

A letter of compliance may be issued at your convenience.

Very truly yours

A. MEIER

AM/am
cc - Mr. Louis Fonzo
Letter of Nov. 17th, 1962 to Board of Health attached.

ALFRED O. MEIER
Consulting Engineer
N. S. P. E. A. M. E. A. O. A.
BOX 7419 - UPPER GREENWOOD ROAD
HEWITT, N. J.

DESIGN, SPECIFICATIONS AND SUPERVISION FOR GENERAL CONSTRUCTION WORK

UPPER GREENWOOD LAKE
853-4612

NOVEMBER 17th , 1962

WEST MILFORD TOWNSHIP
BOARD OF HEALTH
ATTENTION MR. J. GREENE

Re: Inspection of Sanitary Installation
PERMIT # 1420 - 10/19/62
Louis Fonzo - Marlboro Road
Block 168 - Lot 38 - 42

Dear Sir:

With reference to the subject installation and for information and record, please be advised as follows:

With the exception of the retaining walls, which the Owner intends to construct himself, the re-construction of the Sanitary Installation has been completed as of this date.

Contractor for the job was Mr. T. Bruce and for all practical purposes, construction was under continous supervision. Due to circumstances beyond our control, certain changes from the original application had to be made. During excavation and when checking on the existing Tank when exposed, it was found that this was no Tank at all and could be only considered a Cesspool. We called the Contractors attention to this fact and requested that he inform the owner accordingly, so that proper installation may be made. A 1,000 gallon tank was to be used, however, due to ground condition's (Ledge)it was impossible to install a standard 1,000 gl. Tank and there - fore the installation of a shallow Tank was requested. The only obtainable size was 750 glls, so we have manifolded two Tanks together, considering it on the basis of a two compartment Tank and used a 300 gl. Tank for the second compartment. It was also necessary to change the size of the Disposal Bed to keep the same 50 ft from the Neighbors Well. The area has been shortened but made wider in order to maintain the required total square feet.

We shall advise you when the retaining walls have been build and the installation completed in it's entirety, so that a Certificate of compliance may be issued at that time.

Very truly yours

A. MEIER

AM/am
cc - Mr. Louis Fonzo

Offered to Mr. Green Nov. 19th-62, not accepted due to too many papers in file-submit when completed in full

TOWNSHIP OF WEST MILFORD
PASSAIC COUNTY, N. J.

BOARD OF HEALTH

No. 1420

CERTIFICATE OF COMPLIANCE

ISSUED TO L Tomasetti
Name of Owner or Contractor

Mount Ivy Rd Block No. 68 Lot No. 38-4
Address

THIS IS TO CERTIFY, That the individual sewage disposal system installed by P Bruno
Installer

In the Township of West Milford has been constructed in accordance with the provisions of an ordinance entitled: "AN ORDINANCE establishing a code to regulate and control the location, construction, use, maintenance, and method of emptying or cleaning individual sewage disposal systems, or other places used for the reception or storage of human excrement, the issuance of permits and providing penalties for the violation thereof.", adopted by the Board of Health of Township of West Milford in the County of Passaic, State of New Jersey, October 19, 1956, and as described in the Application for Permit to Locate and Construct an Individual Sewage Disposal System. No. 1420 dated 4/19/62 or as the Board of Health of Township of West Milford has directed.

The issuance of this certificate shall not be construed as a guarantee that the system will function satisfactorily nor shall it in any way restrict the powers or responsibilities of the Board of Health in the enforcement of any law or ordinance relating to public health.

Board of Health of Township of West Milford
in the County of Passaic and
State of New Jersey

5/13/63
Date

J Bellantone
Administrative Officer

TOWNSHIP OF WEST MILFORD
PASSAIC COUNTY, N. J.

BOARD OF HEALTH

Permit No. 1420

PERMIT TO LOCATE AND CONSTRUCT OR ALTER AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM

Permit Fee: $5.00

PERMISSION IS HEREBY GRANTED _____
Name of Owner or Contractor

_____ Block No. _____ Lot No. _____
Address

In accordance with the provisions of an ordinance entitled: "AN ORDINANCE establishing a code to regulate and control the location, construction, use, maintenance, and method of emptying or cleaning individual sewage disposal systems, or other places used for the reception or storage of human excrement, the issuance of permits and providing penalties for the violation thereof.", or as may be directed by the Board of Health.

Board of Health of Township of West Milford
in the County of Passaic and
State of New Jersey

_____
Date

_____
Administrative Officer

TOWNSHIP OF WEST MILFORD
PASSAIC COUNTY NEW JERSEY

BOARD OF HEALTH

VARIANCE RELEASE

DISPOSAL SYSTEM | *** | WATER SUPPLY

Name of Applicant Louis Fonzo Date 9/23/62

Location Address Marlboro Rd. , Block # 168 Lot # 38-42

Variances Required Distance of system from the residence and the property line (seven feet)

The undersigned, being aware of the variances granted or to be granted by the West Milford Township Board of Health, agrees to the installation of said system, and further agrees they will not hold the West Milford Township Board of Health responsible or liable for any malfunction, incorrect installation, inadequate operation, polution of wells, water systems, or streams or waters of the State, or any portion or portions of said system thereof. Furthermore, the undersigned does agree to maintain said system in accordance with all sanitary laws and regulations.

Contractor: Thomas Bruce
Signature of Contractor

Home Address: Warwick Tpk.
U.G.L. Hewitt, N.J.

Home Telephone: 853-4752

Accepted: Louis Fonzo
Signature of Owner

Home Address: 9 Home Pl.
Lodi N.J.

Home Telephone: PR.9-9396

Countersigned:
J. B. GREENE
Executive Officer