

## Bristol Town Administrator

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**From:** Bristol Town Administrator  
**Sent:** Thursday, May 18, 2023 3:10 PM  
**To:** Coco Moseley  
**Cc:** Ian Albinson; Sharon Lucia - Bristol Town Clerk; Bristol Treasurer  
**Subject:** RE: LML Septic  
**Attachments:** Lawrence\_Memorial\_Library\_Bristol\_Town\_agreement\_1996-05-28.pdf;  
Lawrence\_Memorial\_Library\_septic\_plan\_GME\_1997.pdf

Hi Coco,

Yes, I would say proceed with the necessary work. Since we do not have any building-related budget line item for the Library, I propose it be paid from the recently renamed Capital Building and Maintenance Reserve Fund.

Thank you, Coco, for your efforts to handle this.

--Valerie

Valerie Capels, Town Administrator  
Town of Bristol  
1 South Street  
P.O. Box 249  
Bristol, VT 05443  
P: (802) 453-2410 Ext. 1  
F: (802) 453-5188  
E: [townadmin@bristolvt.org](mailto:townadmin@bristolvt.org)  
W: [www.bristolvt.org](http://www.bristolvt.org)  
FB: <https://www.facebook.com/bristolvt/>  
IG: <https://www.instagram.com/townofbristolvt/>  
Tw: @BristolTownAdm

Please note this email message, along with any response or reply, may be considered a public record subject to disclosure under the Vermont Public Records Law (1 V.S.A. §§ 315-320).

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**From:** Coco Moseley <director@lawrencelibraryvt.org>  
**Sent:** Thursday, May 18, 2023 9:35 AM  
**To:** Bristol Town Administrator <townadmin@bristolvt.org>; Ian Albinson <ianalbinson+sb@gmail.com>  
**Subject:** LML Septic

Dear Valerie and Ian,

It came to my attention during the ARPA proposal work that LML has a septic tank and that it should be regularly pumped every 3-5 years. It has not been serviced since 2015 when the pump malfunctioned and the lines froze and the septic backed up. Unfortunately the institutional knowledge of the septic was not handed down to me when Nancy retired.

I called Clark Wright this morning to schedule a pump, but there's a few snags to figure out.

1. The depth of the tank is unknown so they need to first send out a tech this Monday the 22nd to locate the tank and determine whether or not it needs to be excavated or hand dug since there is not a "riser" installed for easy service.
2. They recommended a "riser" be installed, either on Monday, if the septic tank can be hand dug or at a later date, if it needs to be excavated. The estimated cost of the "riser" for a hand dug septic is \$200-400, depending on the amount of materials needed. If the septic needs to be excavated, they would have to schedule that work for another time.
3. Per the 1996 agreement with the SB (attached), I believe LML is responsible for the maintenance of the tank, which would include the pumping, but that the town is responsible for any upgrades to the system, which would include the riser.

Please let me know if you'd like me to move forward with the installation of the riser this Monday, if possible, when they are here to locate the depth of the tank.

Thank you,  
Coco

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 [LML SB Agreement 1996.pdf](#)

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Director  
Lawrence Memorial Library  
40 North St  
Bristol, Vermont

802-453-2366  
[www.lawrencelibraryvt.org](http://www.lawrencelibraryvt.org)

May 28, 1996

We, the undersigned, agree to the following division of responsibility for the physical facility known as The Lawrence Memorial Library at 40 North St., Bristol, Vermont.

The Town of Bristol, Selectboard, Town Administrator or other designated agents will be responsible for:

Major structural maintenance to include, but not limited to:

- repair/reconstruction of entrances and exits
- exterior painting
- roof repair
- septic improvements
- paving
- heating system improvements
- modifications of existing utilities
- Modifications required by federal or state law, ie. Americans with Disabilities Act, Department of Labor and Industry standards, OSHA regulations, etc.

The Lawrence Memorial Library, Board of Trustees, Library Director or other designated agents will be responsible for:

General maintenance to include, but not limited to:

- equipment maintenance
- interior cleaning
- improvements to furnishings
- lawn mowing, grounds maintenance
- snow removal
- repairs to facilitate availability of library services to the public, ie. plumbing, lighting, heating, etc.

The Board of Trustees of the Lawrence Memorial Library accepts responsibility for recognizing the need for and recommending to the Selectboard major repairs. The Town of Bristol Selectboard accepts responsibility for allocating funds and scheduling recommended repairs.

Town of Bristol Selectboard

LML Board of Trustees

James Bouvier

James J. Bouvier

Sylvia Coffin

Sylvia Coffin

Doug Corkins

Doug Corkins

Betty Ferris

Betty Ferris

Barbara James

Barbara James

Chico Martin

Chico Martin

Stanley Livingston

Stanley Livingston

Alison Reynolds

Alison Reynolds

Kenneth Weston

Kenneth Weston

Larry Smith

Larry Smith



Minimum isolation distance from Leachfield

Drilled well	100 feet (200 ft down-slope)
Waterline	25 feet
Roadway/driveway	10 feet (25 feet down-slope)
Streams/lake	50 feet
Foundations	35 feet/25 feet down-slope
Property line	25 feet

**BASIS OF DESIGN**

2 Employees @ 15 gal/imp. = 30 GPD  
 30 Seats @ 3 gal/seat = 90 GPD  
 Design Flow = 120 GPD  
 Use Percolation Rate = 3 Min/Inch  
 Application Rate = 134 Gal/ sq ft per Day  
 (3.4 sq ft) x (75% w/ 18" stone) = 100.5 sq ft Required  
 2 - 3' x 23' Trenches = 50 sq ft Provided

**OPERATION & MAINTENANCE**

THE TECHNICIAN HAS DETERMINED A LOCATION FOR ON-SITE WASTEWATER DISPOSAL ON THE PROPERTY BASED ON A SITE EVALUATION AND SOIL TEST PITS. IT WAS DETERMINED THAT THE PROPOSED LOCATION WAS THE BEST LOCATION AVAILABLE.

THE OWNER IS RESPONSIBLE FOR PROPER OPERATION AND MAINTENANCE OF THE PROPOSED SYSTEM TO PROTECT PUBLIC HEALTH AND THE GROUNDWATER.

I RECOMMEND CHECKING THE LEVELS OF SOLIDS IN THE SEPTIC TANK ON A YEARLY BASIS AND PUMPED AS NEEDED. THE D-BOX SHOULD ALSO BE CHECKED FOR SOLIDS AND ALL SOLIDS SHOULD BE REMOVED WHEN FOUND IN THE D-BOX.

THE LIFE OF THE SYSTEM CAN NOT BE ESTIMATED DUE TO CONDITIONS BEYOND THE CONTROL OF THE DESIGNER SUCH AS EXCESS GROUNDWATER, RAINWATER, AND THE INTRODUCTION OF FOREIGN MATERIAL INTO THE SYSTEM.

I RECOMMEND CONSERVING WATER WHENEVER POSSIBLE AND INSTALLING WATER SAVING DEVICES SUCH AS AERATORS IF POSSIBLE.

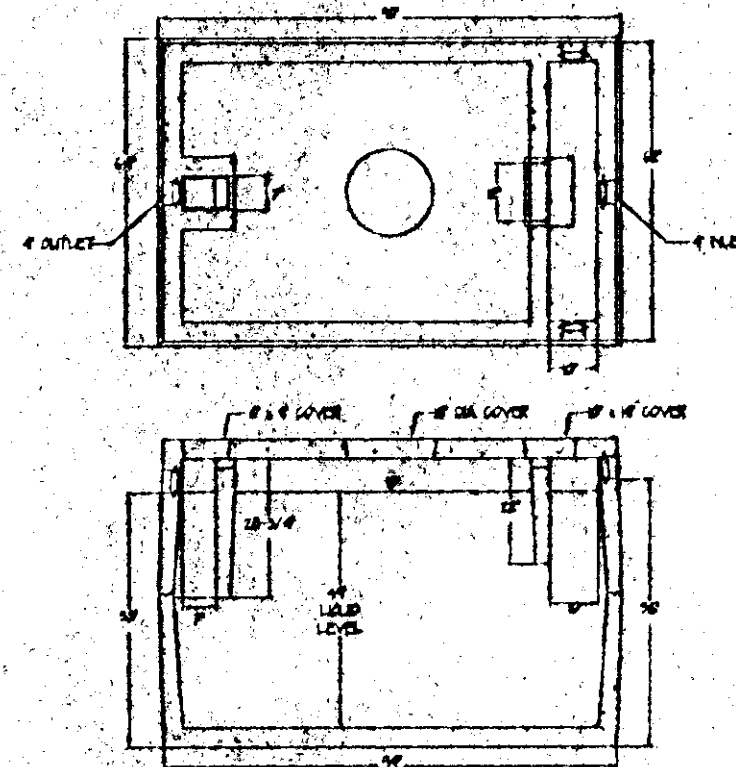
DUE TO INSTANCES BEYOND THE DESIGNER'S CONTROL THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE CONTINUED FUNCTIONING AND PROPER USE AND MAINTENANCE OF THE SYSTEM.

TEST PITS CONDUCTED 10/24/94  
 REGIONAL ENGINEER DONALD WOODS

TP #1  
 0-9 BROWN FINE SANDY LOAM TOPSOIL  
 9-30 YEL-DR GRAVELLY SAND  
 30-84 BROWN GRAVELLY COARSE SAND  
 NO EVIDENCE OF SH&W

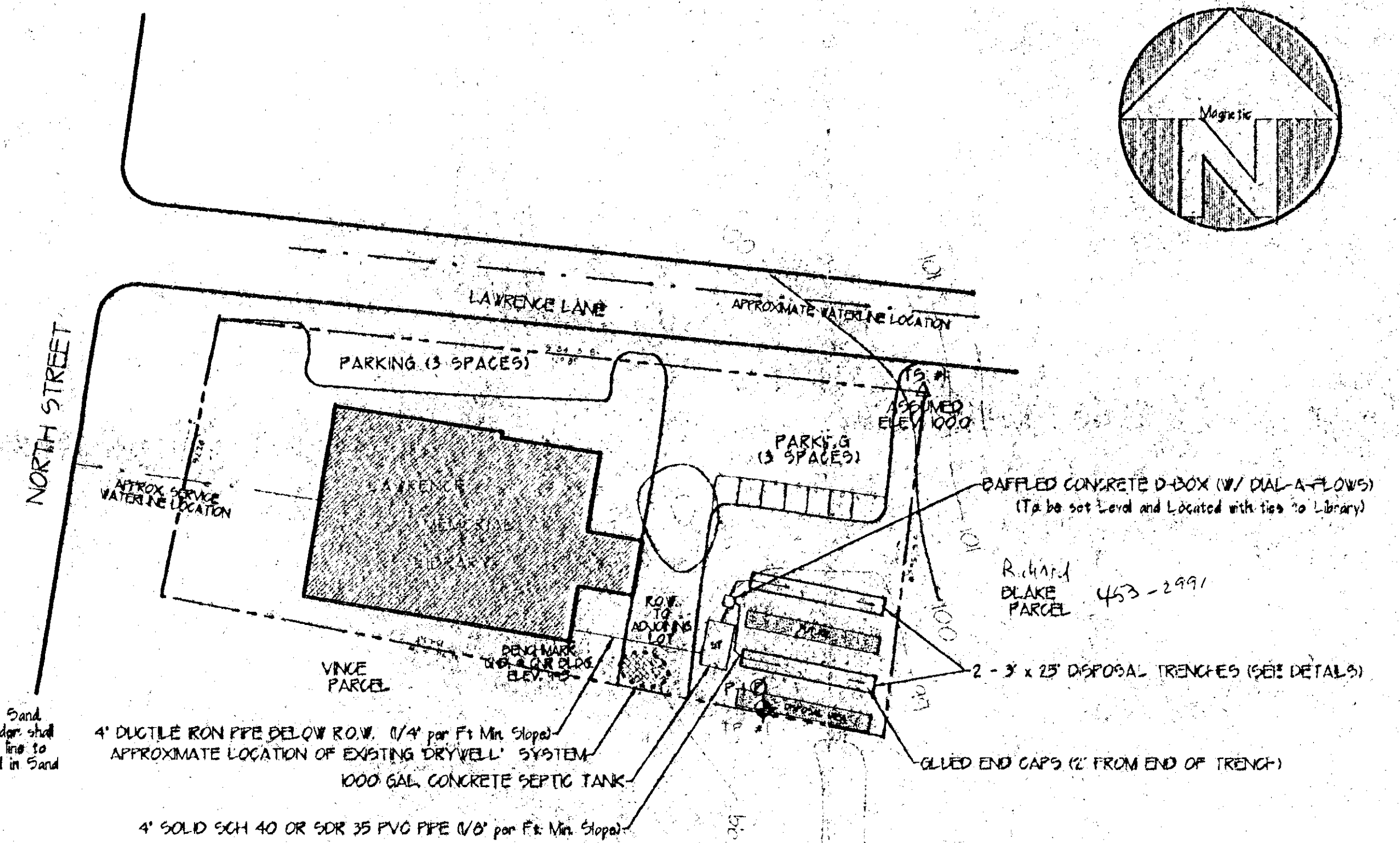
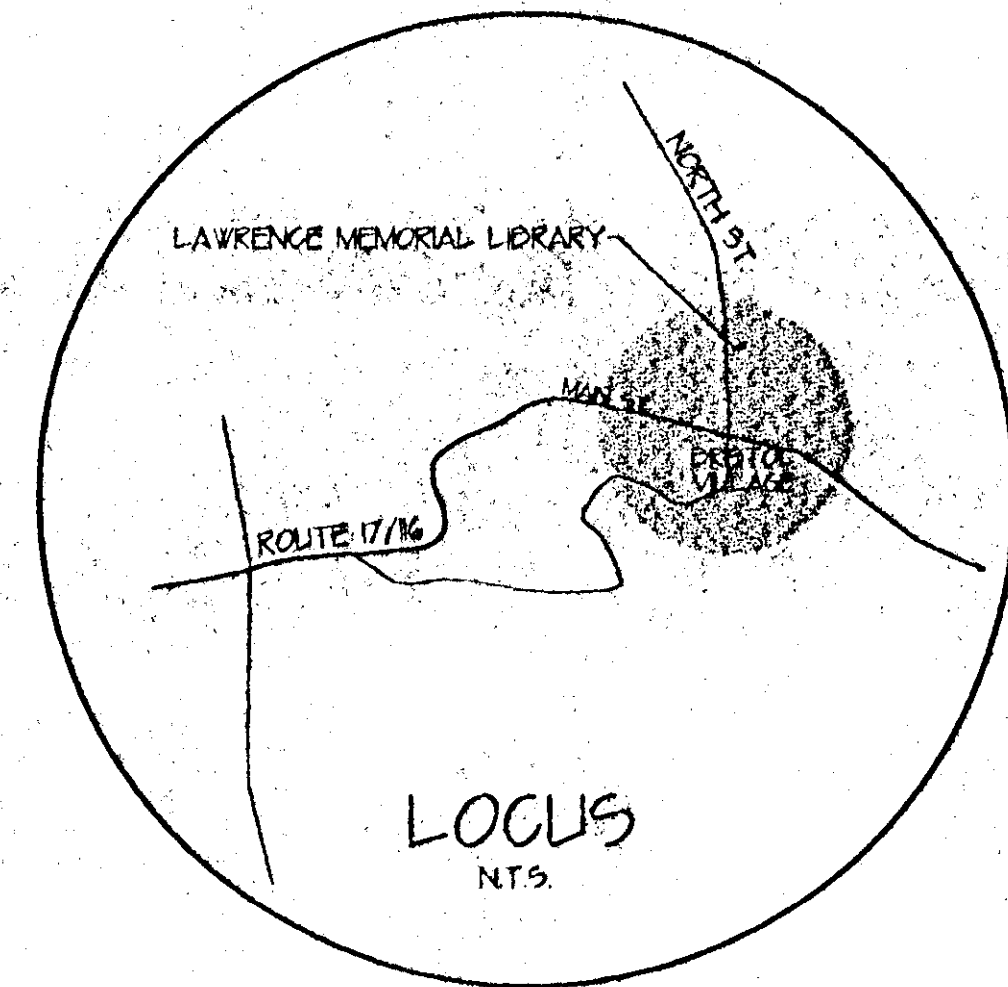
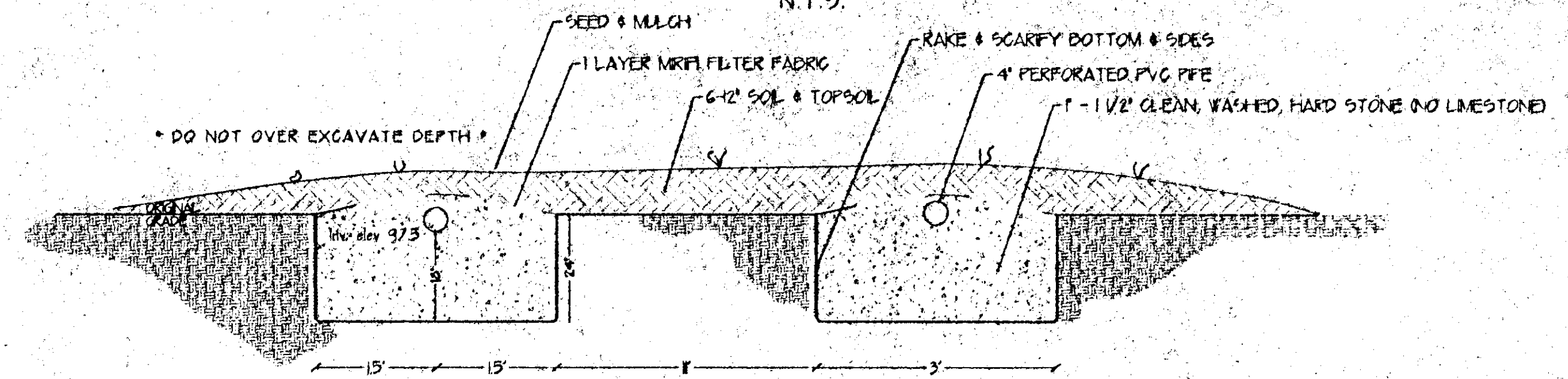
PERCOLATION TEST  
 P1 - 3 MIN/INCH

**1000 GAL. SEPTIC TANK DETAIL**  
 N.T.S.



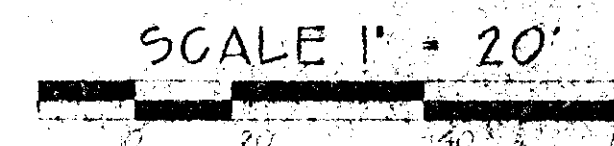
Septic Tank Detail as Specified on Sheet 27 of 28

**TRENCH SYSTEM CROSS SECTION**  
 N.T.S.



Line shall be placed in Sand. No large stones & boulders shall be placed around. Be sure line to Tank Line. Shallow Placed in Sand.

**SITE PLAN**



**LEGEND**

- ☐ SEPTIC TANK
- ⊕ TEST PITS
- △ TRANSIT POINT
- ⊙ PERCOLATION TEST

- CONSTRUCTION NOTES**
- CONTACT THE TECHNICIAN OR ENGINEER PRIOR TO INSTALLATION TO REVIEW AND STAKE OUT THE SYSTEM.
  - DIG DOWN 24" ON THE LOWER SIDE OF THE DISPOSAL TRENCHES AND LEVEL BACK FROM THERE. \*\*\*\*\*DO NOT OVERDIG DEPTH\*\*\*\*\*
  - RAKE THE BOTTOMS AND SIDES TO REMOVE ANY SOIL SMEARING.
  - PLACE 18" OF 1 1/2" CRUSHED OR GRADED STONE IN THE TRENCHES. THE STONE MUST BE CLEAN AND HARD. DO NOT USE LIMESTONE.
  - LAY 4" PERFORATED PVC PIPE LEVEL AS SHOWN. MAKE SURE END CAPS ARE GLUED IN PLACE.
  - PLACE 6" OF STONE AROUND AND OVER THE PIPE.
  - PLACE A MATING OF MRFI OR EQUIVALENT FILTER FABRIC OVER THE ENTIRE STONE.
  - CONTACT A TECHNICIAN 48 HOURS PRIOR TO COVERING THE SYSTEM.
  - COVER WITH 6-12" OF SOIL AND TOPSOIL. GRADE THE AREA TO PREVENT ANY SURFACE WATER PONDING ON THE SYSTEM.
  - SEED AND MULCH THE ENTIRE AREA.

THE PROPOSED SYSTEM IS DESIGNED AS A REPLACEMENT TO A FAILING DISPOSAL SYSTEM AND MAY NOT MEET THE FULL REQUIREMENTS OF THE VERMONT E.P.R.'S

PARCEL INFORMATION OBTAINED FROM SURVEY CONDUCTED BY KEN WESTON, L.S., DATED 7/8/78, LAST REVISED 5/2/86

Department of Environmental Conservation  
 Approved: *W.H. 815*  
 Permit #: *000-9-0292*  
 Date: *9/2/97*

No.	DATE	DESCRIPTION	SKH	BY
1	7/22/97	Note Addition and Revisions, Tank Detail	SKH	

*Alan Huzenga*  
 ALAN HUZENGA, P.E.

**LAWRENCE MEM. LIBRARY  
 REPLACEMENT  
 DISPOSAL SYSTEM**  
 BRISTOL, VERMONT

**GREEN MOUNTAIN  
 ENGINEERING**  
 CIVIL WATER WASTEWATER

**VERMONT  
 CONTOURS, INC.**

PROJECT SHEET  
 LAWRENCE MEMORIAL LIBRARY

Handwritten notes on the right margin:  
 15' 3" incline  
 1.25'  
 97.5'  
 + 4" φ  
 + 1" pipe cut off  
 + 1" pipe @ 2' R.W.P.  
 + 1" pipe @ 1' R.W.P.  
 + 3" free range  
 + 2" slope  
 98.5' C  
 = 4" cover