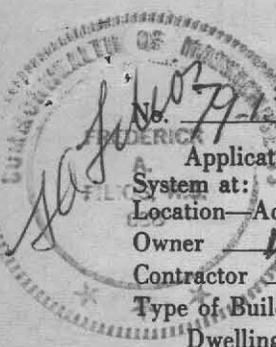


**BOARD OF HEALTH, AMHERST, MASSACHUSETTS**  
**APPLICATION FOR DISPOSAL WORKS CONSTRUCTION PERMIT**

#200 Rear Front Lot



No. 79-13 Date JUNE 25, 1979 Fee \$15.00 Date Rec'd. 6/25/79 By CE Dade  
 Application is hereby made for a permit to Construct () or Repair ( ) an Individual Sewage Disposal System at:  
 Location—Address Sunderland Rd or Lot No. Rear lot  
 Owner W.D. Cowls Inc Address 134 Montague Rd  
 Contractor Karls Excavating Address Hadley Mass  
 Type of Building \_\_\_\_\_ Dimensions \_\_\_\_\_ Size Lot 45,000 sq ft ±  
 Dwelling—No. of Bedrooms 2 Expansion Attic ( ) Garbage Grinder ( YES )  
 Other \_\_\_\_\_ No. of persons 4 Showers ( )  
 Other fixtures \_\_\_\_\_  
 Town Water? Yes Type of Well \_\_\_\_\_

Design Flow 55 gallons per person per day. Total daily flow 220 gallons  
 Septic Tank—Liquid capacity 1500 gallons Dimensions: L \_\_\_\_\_ W \_\_\_\_\_ D \_\_\_\_\_  
 Disposal Trench—No. \_\_\_\_\_ Width \_\_\_\_\_ Total Length \_\_\_\_\_ Total leaching area \_\_\_\_\_ sq. ft.  
 Disposal Bed—No. \_\_\_\_\_ Diameter 24x20' Depth below inlet \_\_\_\_\_ Total leaching area 480 sq. ft. *SUGGEST 600 MIN*  
 Dry Well—No. \_\_\_\_\_ Diameter \_\_\_\_\_ Depth below inlet \_\_\_\_\_ Dimensions: \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_  
 Other: Distribution box ( ) No. \_\_\_\_\_ Dosing tank ( ) \_\_\_\_\_

(Depth of Soil Line Below finished grade at foundation \_\_\_\_\_)  
 Percolation Test Results Performed by Frederick Filios Date Mar 20 1979  
 Test Pit No. 1 16 minutes per inch Depth of Test Pit 36"  
 Test Pit No. 2 \_\_\_\_\_ minutes per inch Depth of Test Pit \_\_\_\_\_  
 Description of Soil enclosed Depth to Ground Water 7 1/2' + 5' (fill)  
 Will disposal area be filled? 5' Cut down? \_\_\_\_\_  
 (On reverse side or separate sheet, show plot plan with building. Include dimensions, distances from all boundaries. Show location of wells, streams, ledge, large trees, etc.)

AGREEMENT: The undersigned agrees to construct the aforescribed individual sewage disposal system in accordance with the provisions of Article XI of the Sanitary Code and regulations of the Amherst Board of Health. The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by this board of health.

Application Approved by CE Dade Owner or builder Paul Jones Treas date 6/15/79  
 Application Disapproved for the following reasons: \_\_\_\_\_ date 6/25/79

**BOARD OF HEALTH, AMHERST, MASSACHUSETTS**  
**CERTIFICATE OF COMPLIANCE**

THIS IS TO CERTIFY, That the individual Sewage Disposal System installed ( ) or repaired ( ) by \_\_\_\_\_ at \_\_\_\_\_ has been constructed in accordance with the provisions of \_\_\_\_\_ INSTALLER \_\_\_\_\_ Article XI of the State Sanitary Code as described in the application for Disposal Works Construction Permit No. \_\_\_\_\_ dated \_\_\_\_\_ The issuance of this certificate shall not be construed as a guarantee that the system will function satisfactorily.  
 DATE \_\_\_\_\_ Inspector \_\_\_\_\_

**BOARD OF HEALTH, AMHERST, MASSACHUSETTS**  
**DISPOSAL WORKS CONSTRUCTION PERMIT**

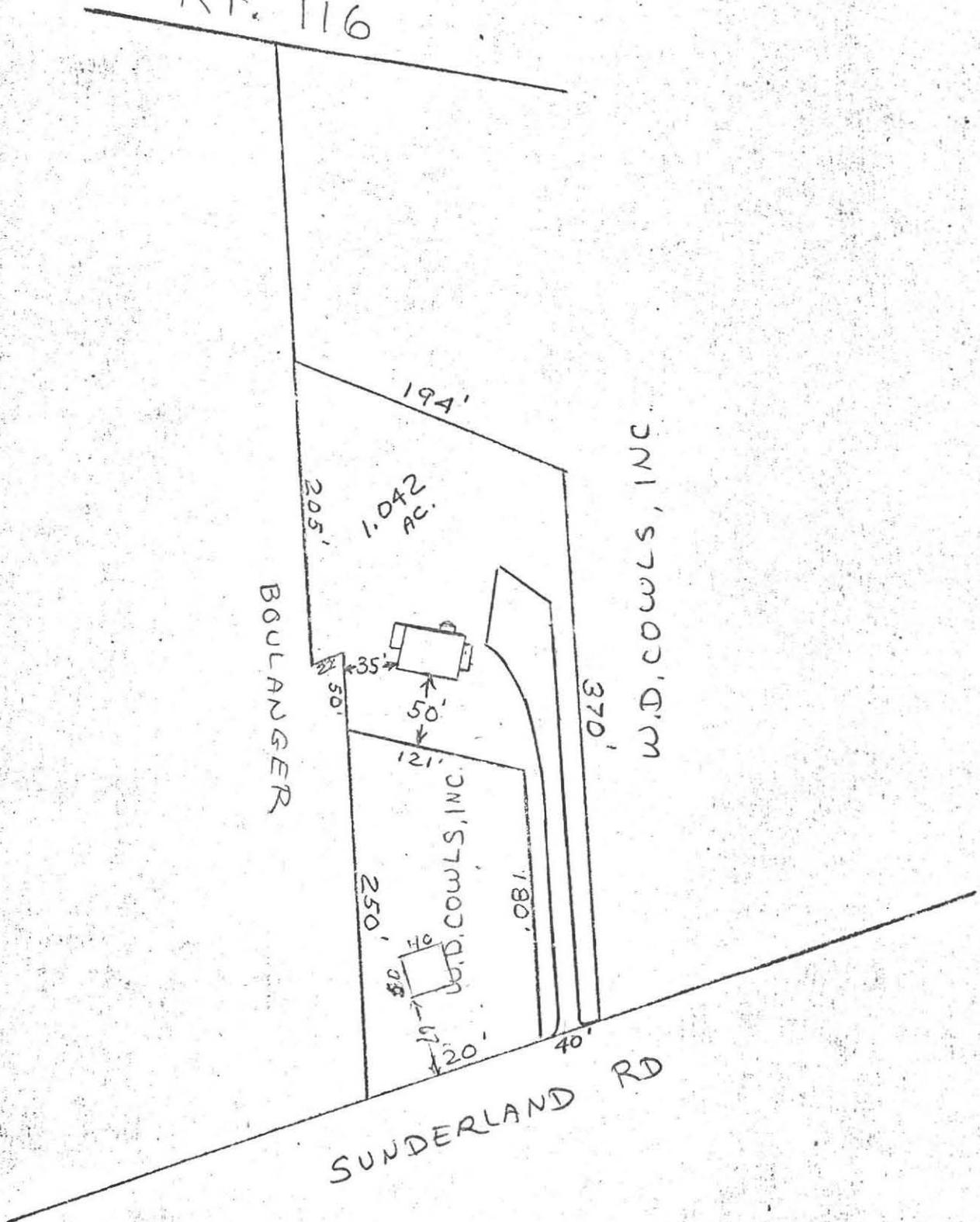
No. 79-13 Permission is hereby granted W.D. Cowls Inc - KARLS Exc. to construct () or repair ( ) an Individual Sewage Disposal System at Rear lot - Sunderland - RE East Side as shown on the application for Disposal Works Construction Permit No. 79-13  
 This permit is issued with the understanding that future alterations or additions will be made if necessary. This permit shall not be construed as permission to create or maintain any sewage nuisance and in the issuance of this permit the Board of Health assumes no responsibility for the future operation or maintenance of the system.

DATE June 25, 1979 Board of Health CE Dade



# SITE PLAN

RT. 116



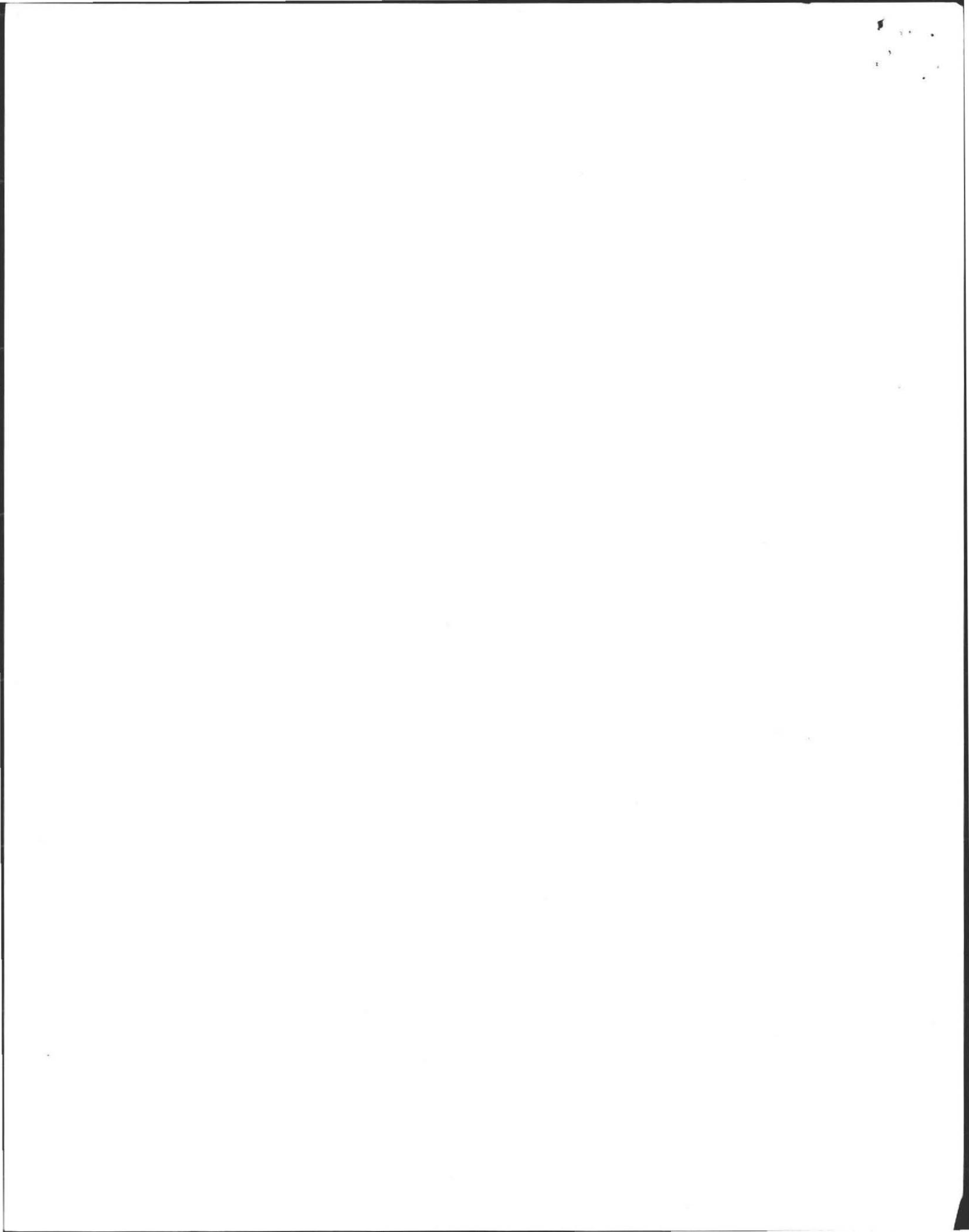
BOLLANDER

SUNDERLAND RD

1.042 AC.

370' 51' 57m00'D.M

W.D. COWLS, INC.



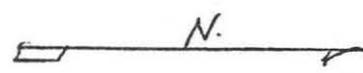
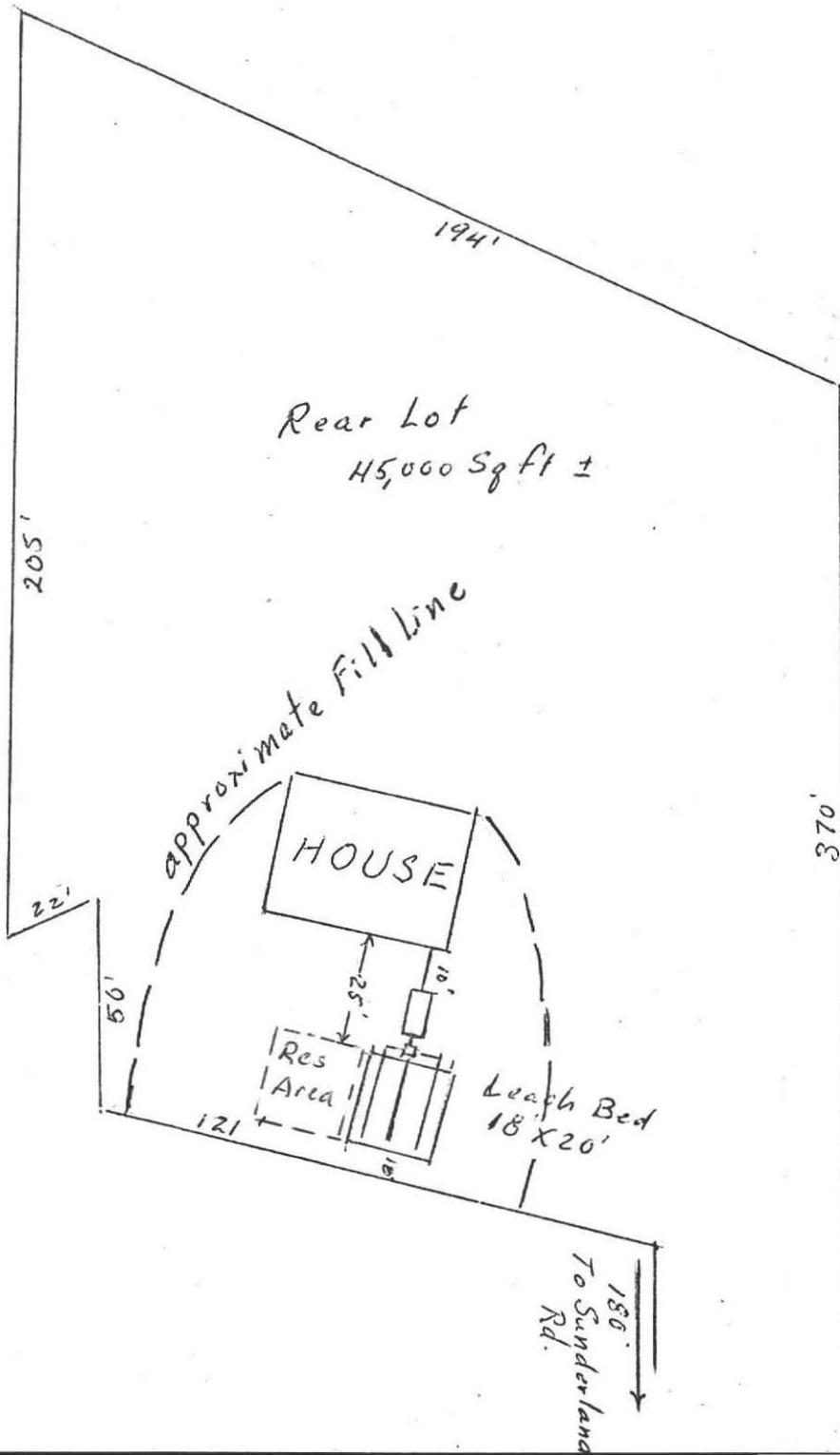
# PLAN SHOWING SEWAGE DISPOSAL

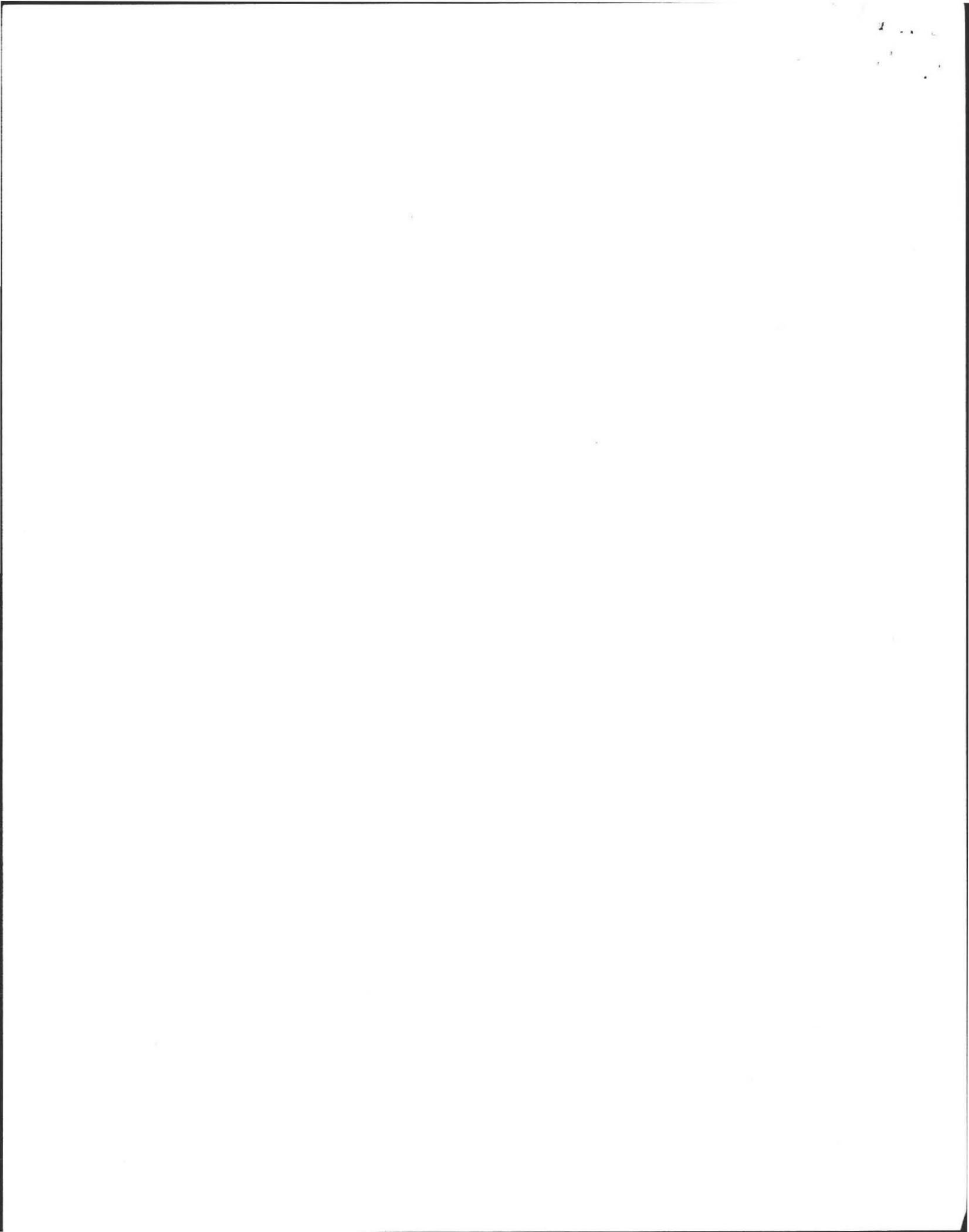
For: W.D. Cowls Inc.  
134 Montague Rd.  
Amherst Mass.

Scale: 1" = 40'

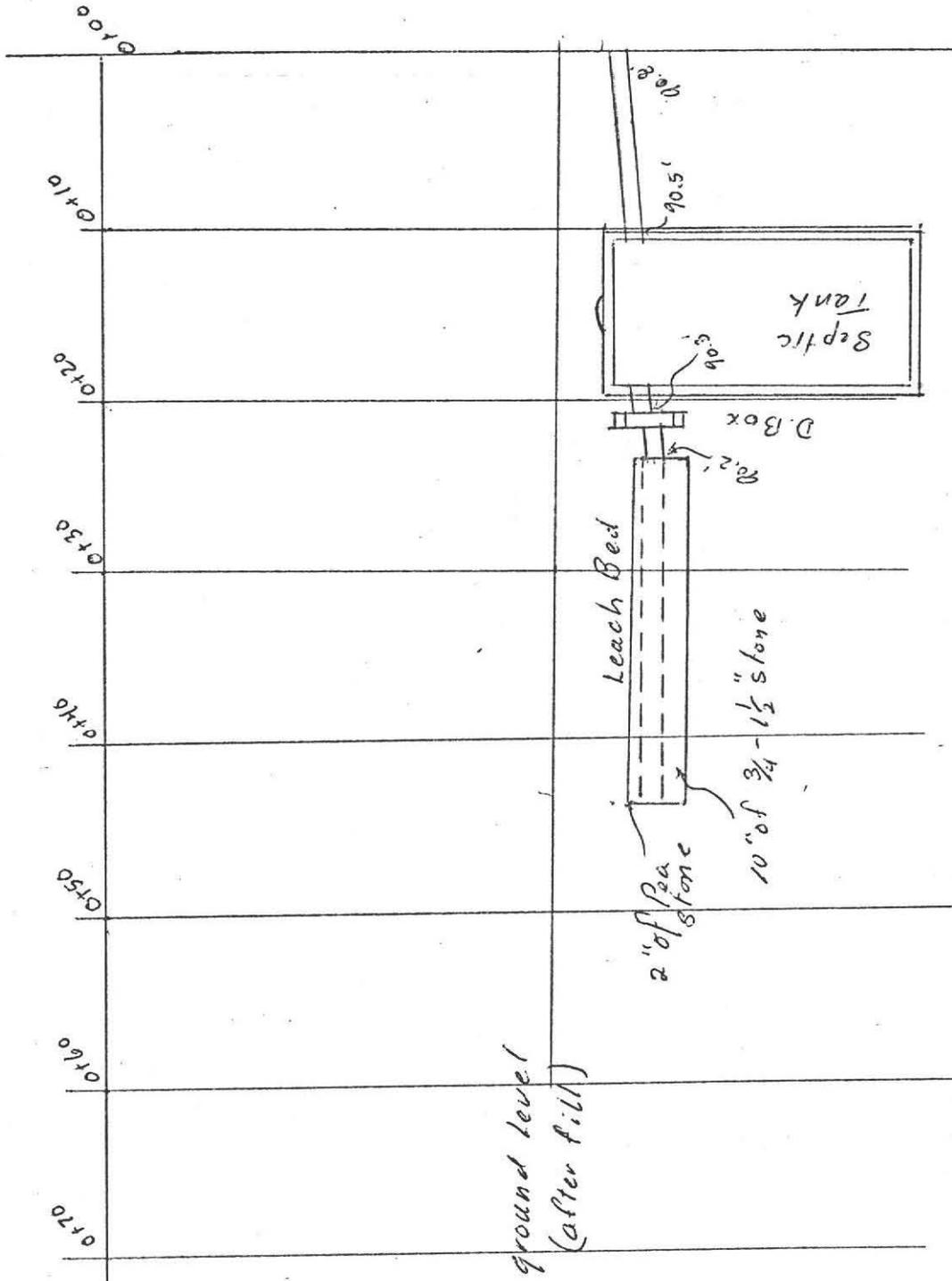
By: Frederick Filios

Rear Lot





HOUSE

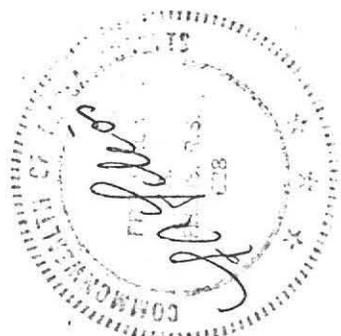


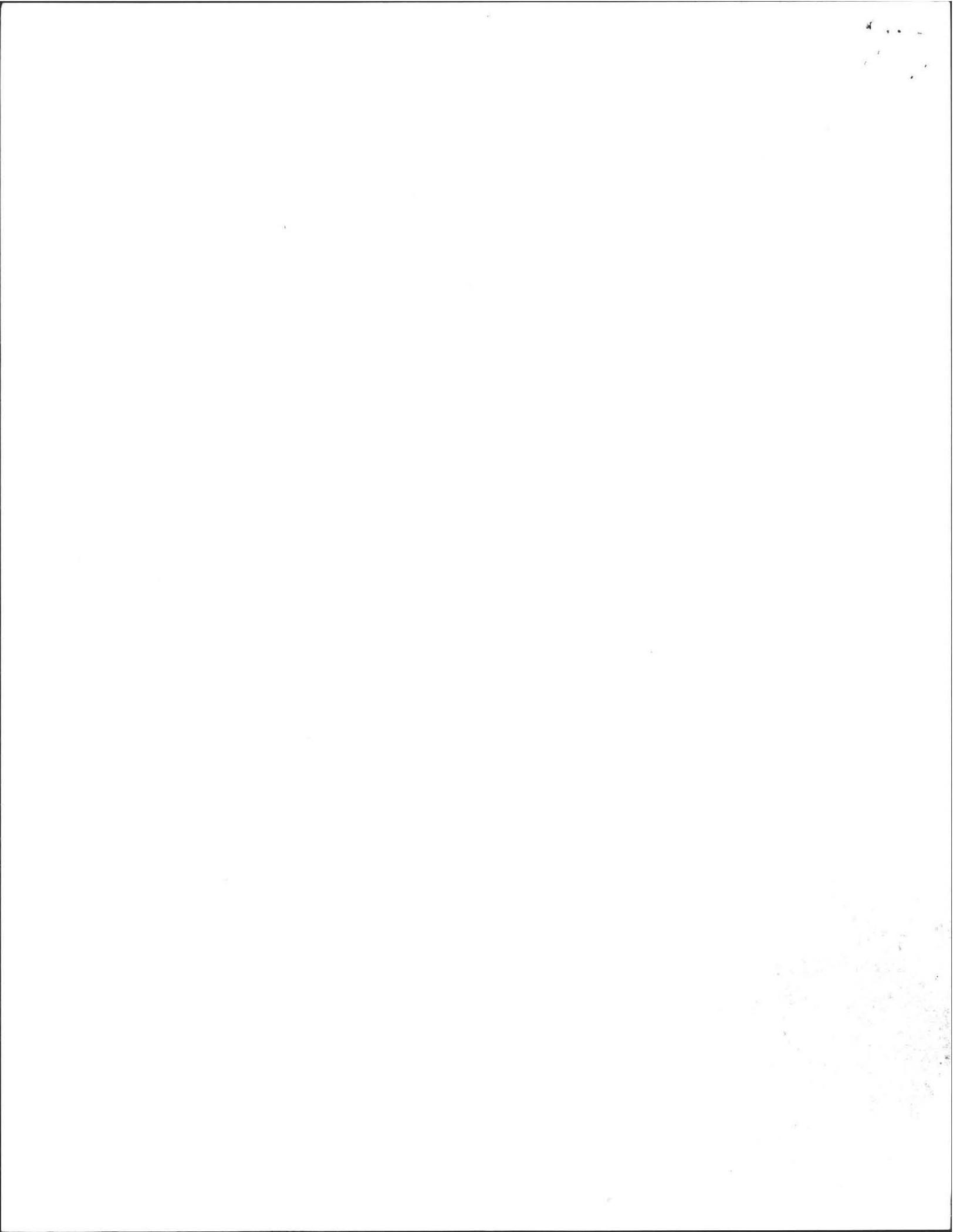
# PROFILE OF SEPTIC SYSTEM

For: W.D. Cowls Inc.  
 134 Montague Rd  
 Amherst Mass.

Scale: Horizontal 1" = 10'  
 Vertical 1" = 3'

By: Frederick Filios





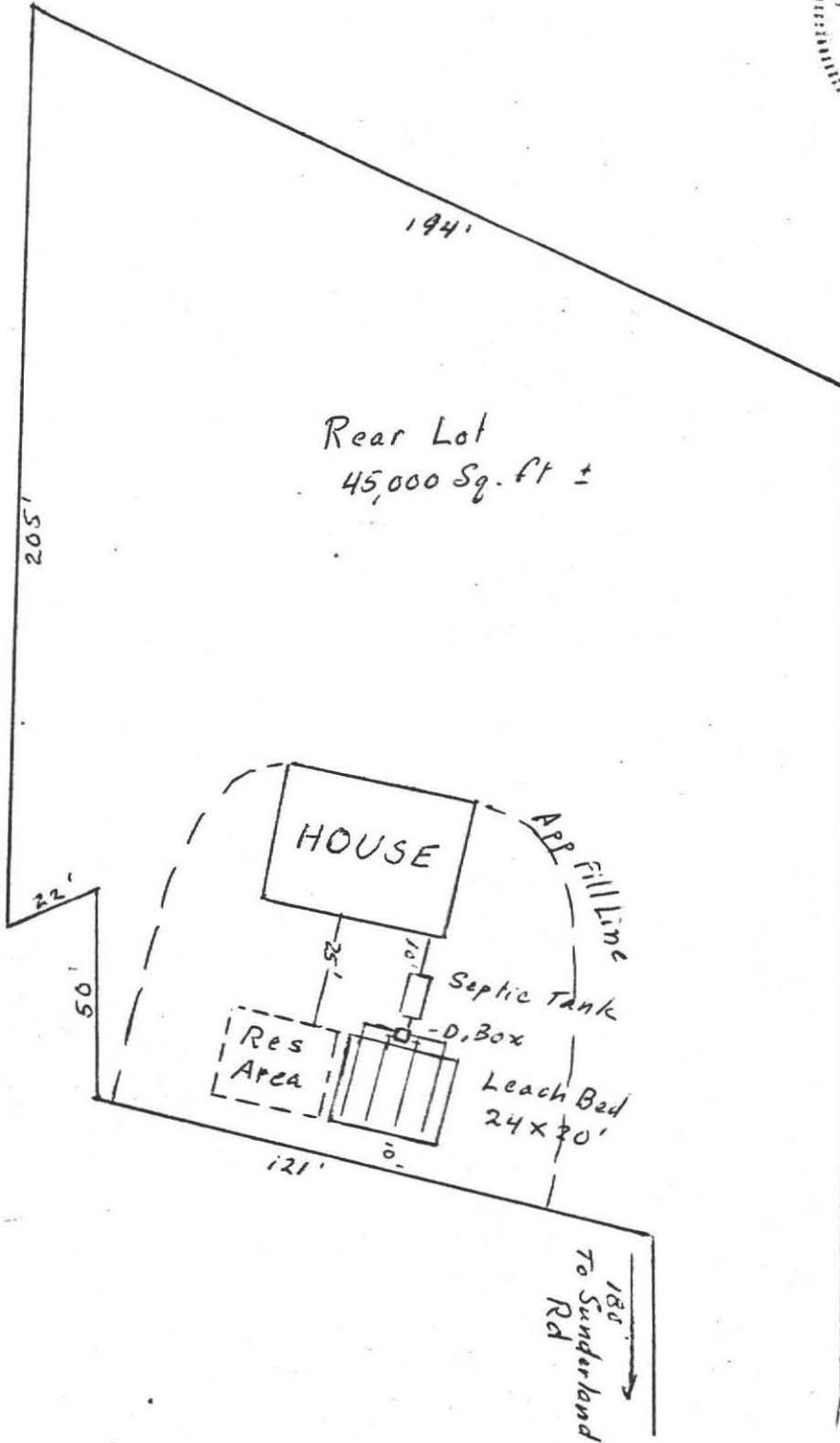
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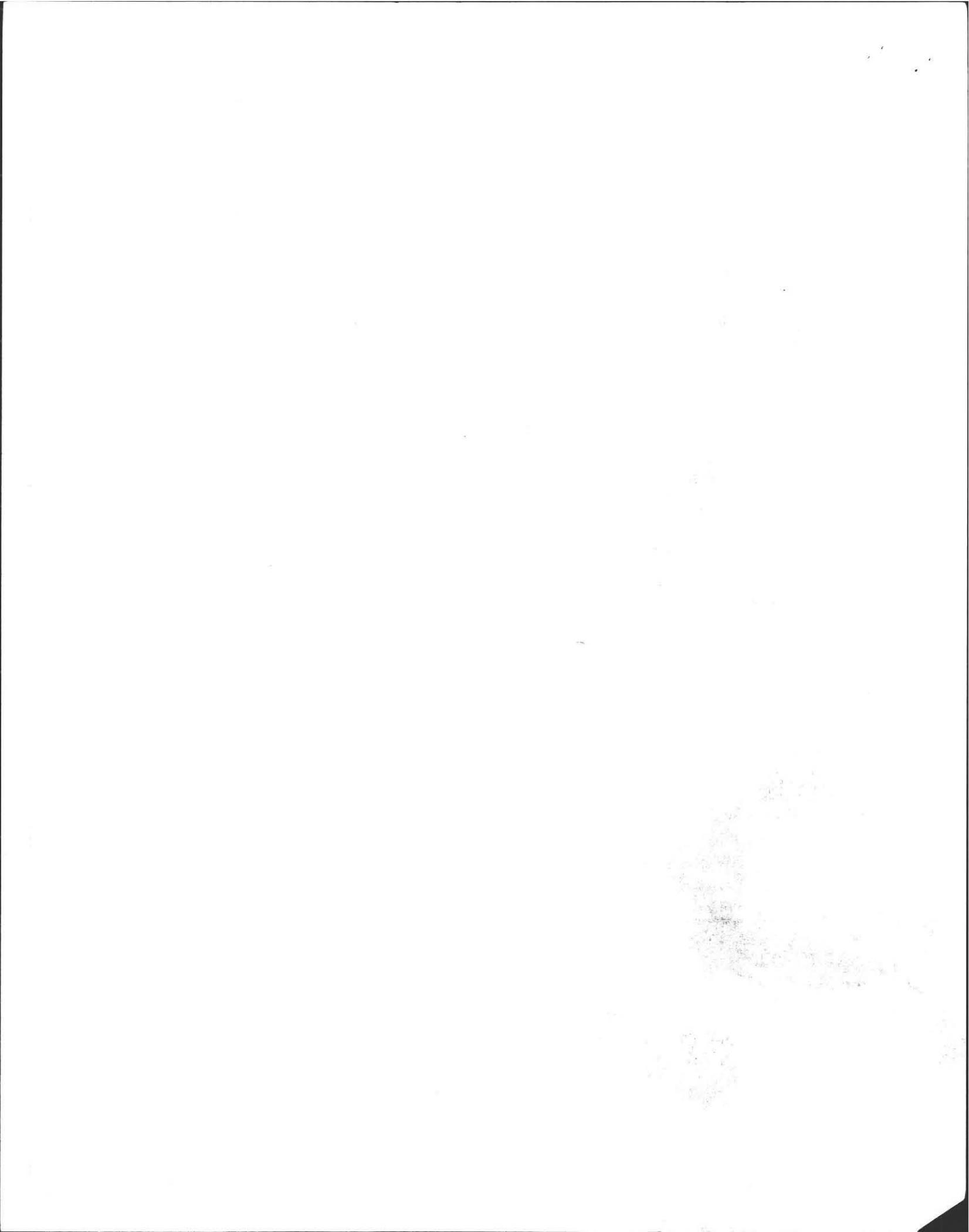
For: W.D. Cows Inc.

134 Montague Rd.  
Amherst Mass.

Scale: 1" = 40'

By: Frederick Filios





# DEEP SOIL LOGS

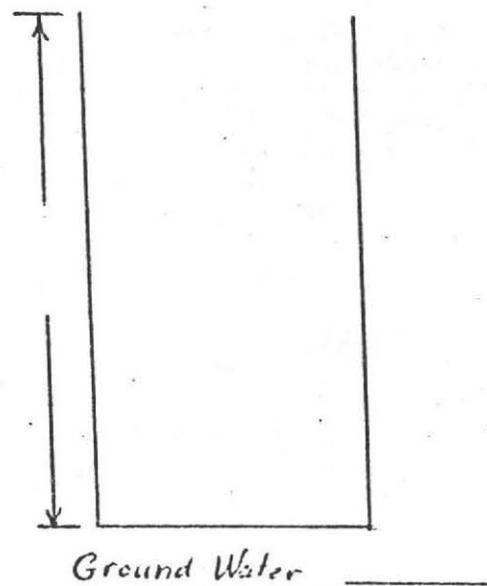
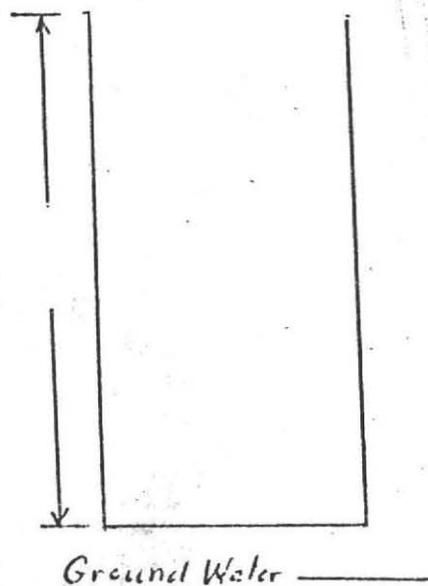
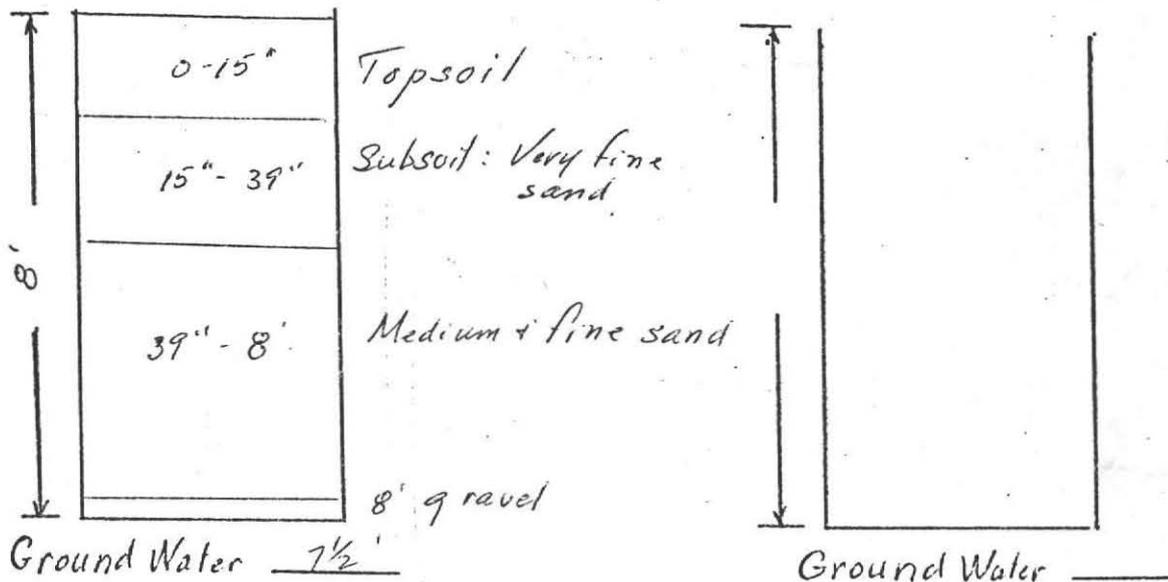
OWNER W.D. Cowls Inc.

Date Feb 22 1979

LOCATION Sunderland Rd.

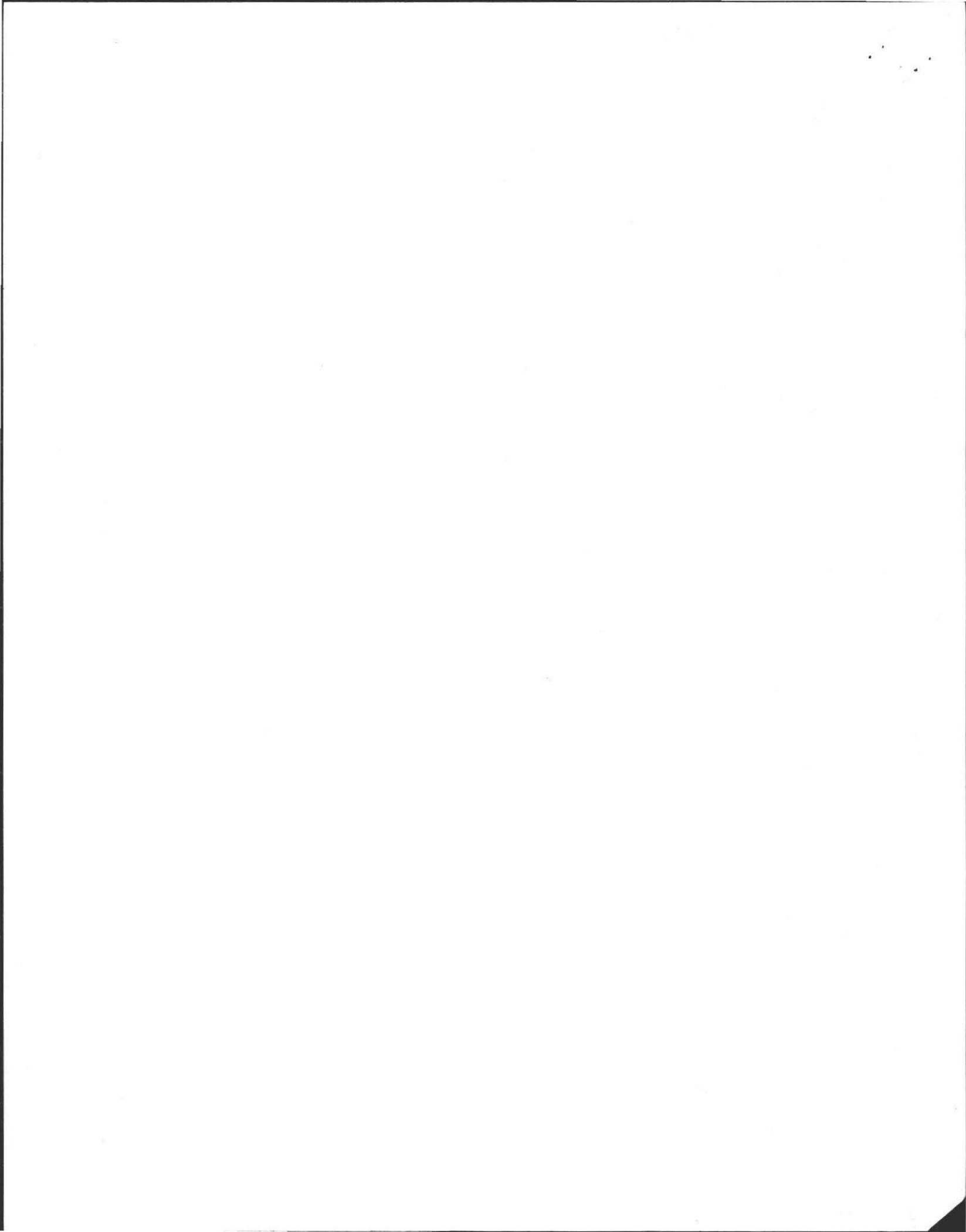
OBSERVER FA Filios

Plot # 9



Rate of Percolation  
16 minutes/inch





# DEEP SOIL LOGS

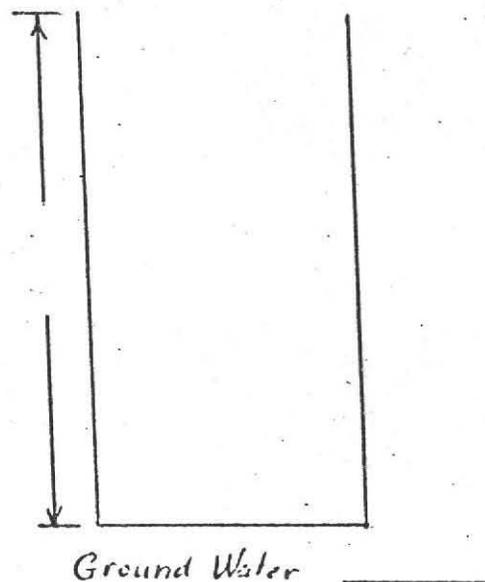
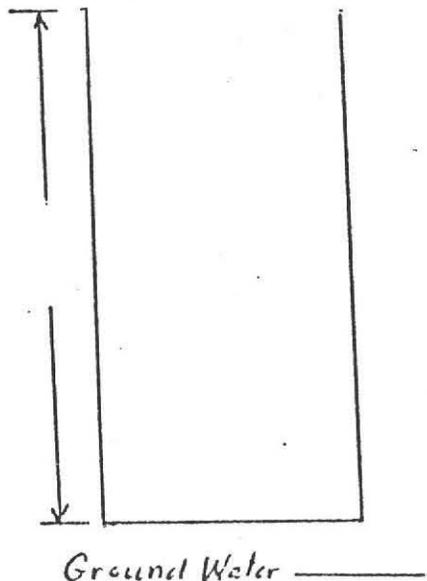
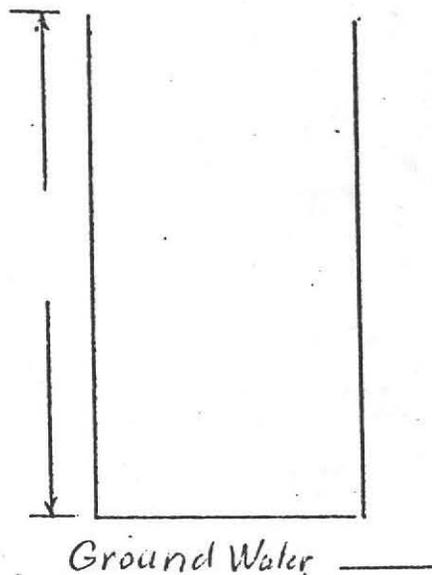
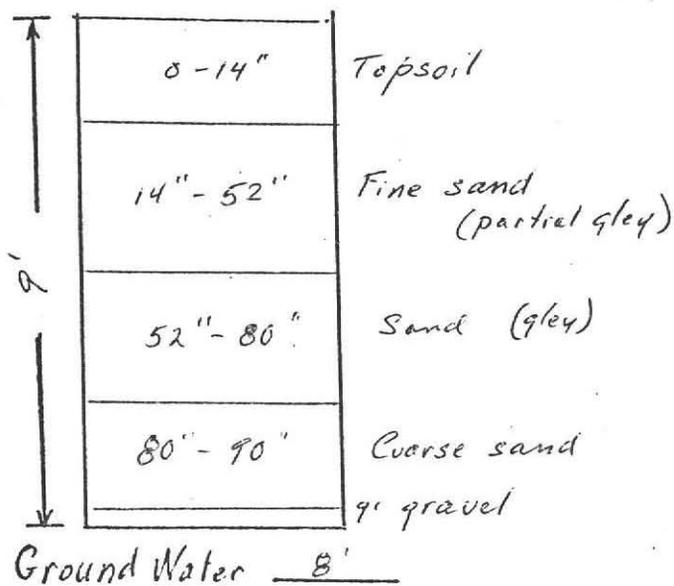
OWNER W.D. Cowls Inc

Date Feb. 22 1979

LOCATION Sunderland Rd.

OBSERVER F.A. Filios

Plot # 10



Rate of Percolation

3.66 minutes/inch.

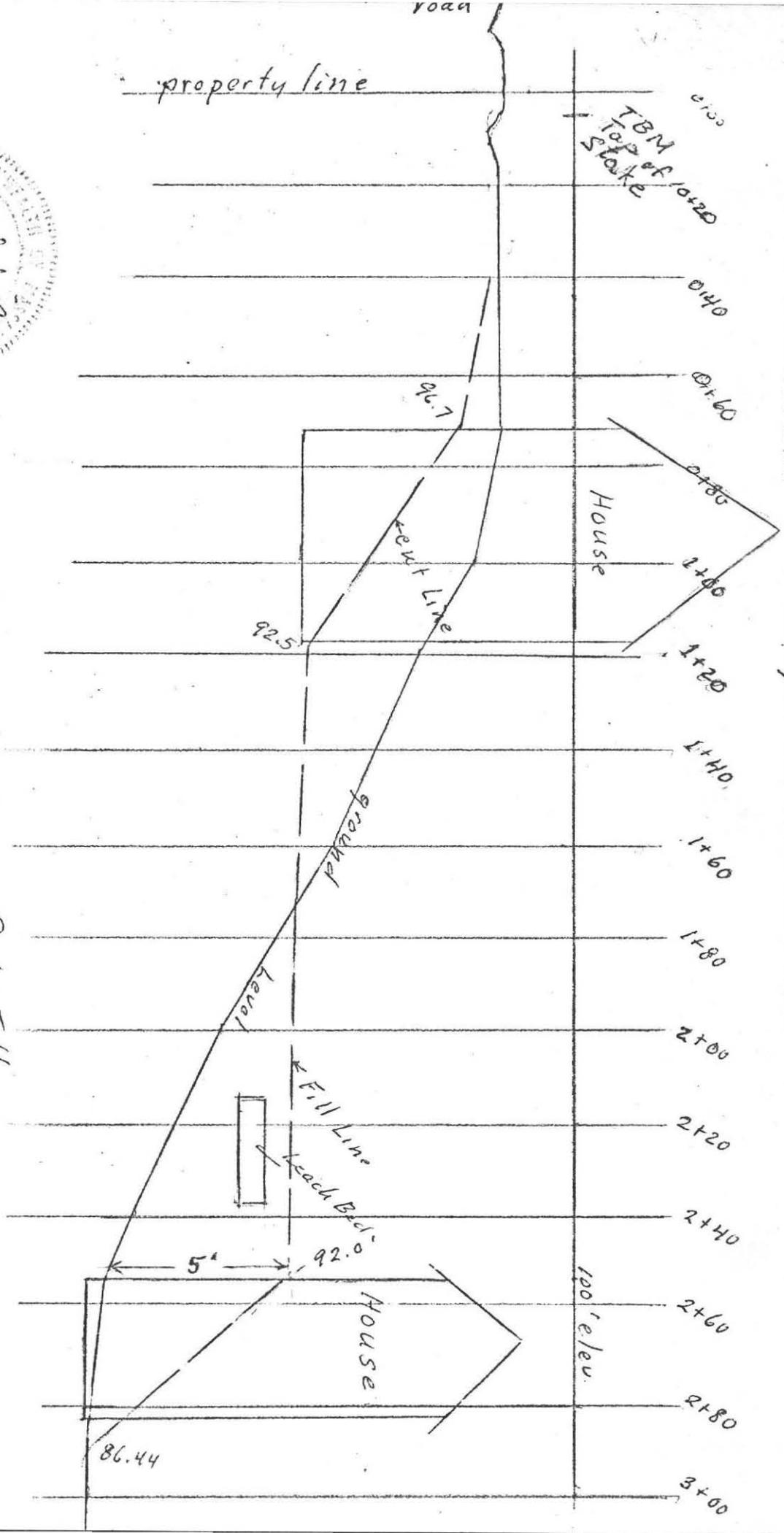




# CUT AND FILL PLAN

For: W.D. Cowls Inc 134 Montague Rd Amherst Mass.

Scale Horizontal 1" = 30'  
 Vertical 1" = 4'  
 By: Frederick Filios

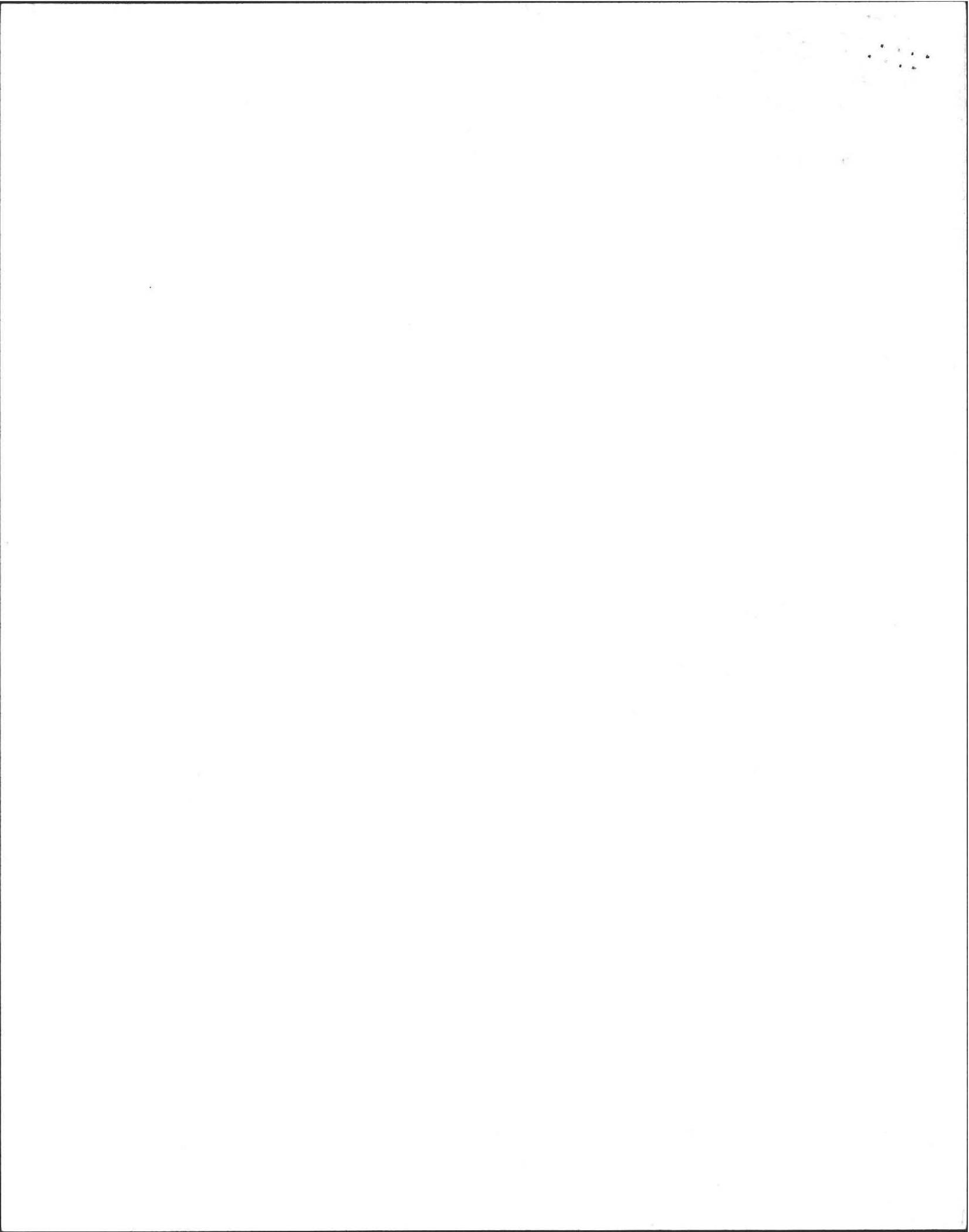


Note: Remove and Replace Topsoil

Cut & Fill

Section = 310 Sq Ft  
 x 80' width

$$\frac{2480}{27} = 92 \text{ yds}$$



BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

SUNDERLAND ROAD - (REAR LOT)

Important Information Regarding Your Private Sewage Disposal System

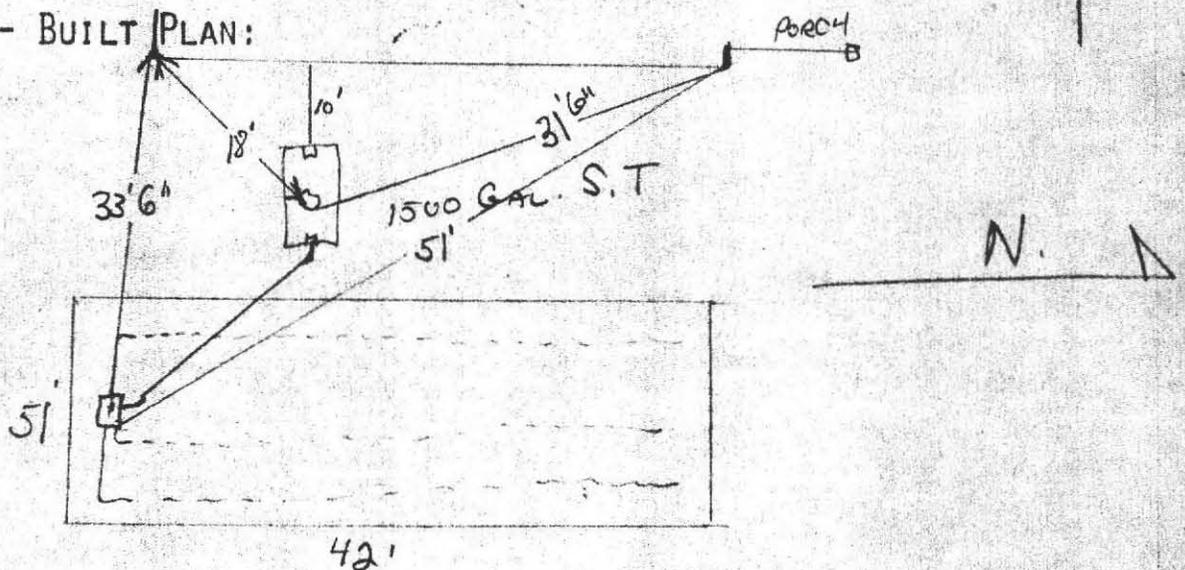
DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner W. D. COWNS Address SUNDERLAND RD  
Installer KARL'S EXC. Address RIVER DR. N. WADLEY  
Date Installation Inspected and Approved 9/28/79  
Description of System: Tank Capacity: 1500

Leach Field ( ) Bed (X) Seepage Pit ( ) Square Feet: 750

Garbage Grinder Yes (X) No ( ) No. Bedrooms: 2 No. People 4

AS - BUILT PLAN:



PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

1. This system must be inspected periodically and the tank pumped out at an interval not to exceed 3 years.
2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
3. Regular pumping is crucial to avoid early failure and costly repairs of the system.
4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
5. Further information can be obtained by contacting your Health Department at 253-7077.

