

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

No. 73-59 Date May 23, 1973 Fee \$3.00 Date Rec'd. May 23, 1973 By D. G. F.

Application is hereby made for a permit to Construct (X) or Repair () an Individual Sewage Disposal System at:

Location—Address 521 So. Pleasant St or Lot No. _____

Owner The Common School Address 521 S. Pleasant St.

Contractor VALLEY TRUCK CO. Address NORTH ST NUTRITION

Type of Building _____ Dimensions _____ Size Lot _____

Dwelling—No. of Bedrooms 2 Expansion Attic () Garbage Grinder () no

Other pupils No. of persons 100 Showers () _____

Other fixtures _____

Town Water? yes Type of Well _____

Design Flow 50 gallons per person per day. Total daily flow 1000 gallons

Septic Tank—Liquid capacity 1500 gallons Dimensions: L _____ W _____ D _____

Disposal Trench—No. 3 Width 3.0' Total Length 168 Total leaching area 504 sq. ft.

Disposal Bed—No. _____ Diameter _____ Depth below inlet _____ Total leaching area _____ sq. ft.

Dry Well—No. _____ Diameter _____ Depth below inlet _____ Dimensions: _____ x _____ x _____

Other: Distribution box (X) No. _____ Dosing tank () _____

(Depth of Soil Line Below finished grade at foundation _____)

Percolation Test Results Performed by Miles J. Huber PE Date 5-14-73

Test Pit No. 1 2 minutes per inch Depth of Test Pit 9.0'

Test Pit No. 2 2 minutes per inch Depth of Test Pit 9.0'

Description of Soil sand & gravel Depth to Ground Water TP#1-9.0' TP#2-7.0'

Will disposal area be filled? no Cut down? no

(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 [Signature] [Signature] Owner or builder [Signature] Date 5-23-73
 date 5/24/73
 date

Application Disapproved for the following reasons:

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

THIS IS TO CERTIFY, That the individual Sewage Disposal System installed (X) or repaired () by KARL EXC. at 521 So. Pleasant St 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. 73-59 dated 5-23-73

The issuance of this certificate shall not be construed as a guarantee that the system will function satisfactorily.

DATE 7-10-73 Inspector [Signature]

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

No. 73-59 Permission is hereby granted The Common School to construct (X) or repair () an Individual Sewage Disposal System at 521 SOUTH PLEASANT ST as shown on the application for Disposal Works Construction Permit No. 73-59

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 14, 1973 [Signature]
 Board of Health

April 1, 1911

The Commercial

Dear Sirs,
I have the pleasure to inform you that the same has been received and is being prepared for shipment.

Very truly yours,
Wm. H. ...

Wm. H. ...
Chicago, Ill.

Dear Sirs,
I have the pleasure to inform you that the same has been received and is being prepared for shipment.

Very truly yours,
Wm. H. ...
Chicago, Ill.



The Commonwealth of Massachusetts
Department of Public Health

DIVISION OF ENVIRONMENTAL HEALTH
WESTERN DISTRICT
WESTERN MASSACHUSETTS PUBLIC HEALTH CENTER
UNIVERSITY OF MASSACHUSETTS
AMHERST, MASSACHUSETTS 01002

MAY 30 1973

May 29, 1973

Board of Health
Amherst
Massachusetts

Re: Amherst - Subsurface
Sewage Disposal at
the Common School

Gentlemen:

The Department is in receipt of a plan of subsurface sewage disposal for the Common School at 521 South Pleasant Street in the town of Amherst.

The information noted on the plan shows that percolation and deep hole tests showed that the area was suitable for the disposal of properly settled septic tank effluent. The plan shows that a subsurface system consisting of a 1500 gallon septic tank and a leaching system consisting of 3 trenches each 3 feet wide and 56 feet in length providing a disposal area of 504 square feet is to be installed.

All percolation and soil tests were observed by your health director, Charles Drake.

The Department approves the plans submitted with the understanding that a permit will be obtained from your board for its construction, that no more than 1,000 gallons per day of wastewater is to be disposed in the field and that the system will be inspected before backfilling.

If there are any questions on this matter, please feel free to contact this office.

Very truly yours,

Angelo Iantosca

Angelo Iantosca
Regional Sanitary Engineer

AI:bs
cc: Drummeey Rosane Anderson Inc.
26 S. Prospect St.
Amherst, Mass.

Encl. - Plan

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~~Charlie~~

~~call Allan Jacque~~

~~after 5:45 at home~~

~~or call Charlie Aberson this afternoon~~

~~RF: football scrummages~~

sld

8/27 1:15

NEW ADDITION
WORKED UP
1985

Common School

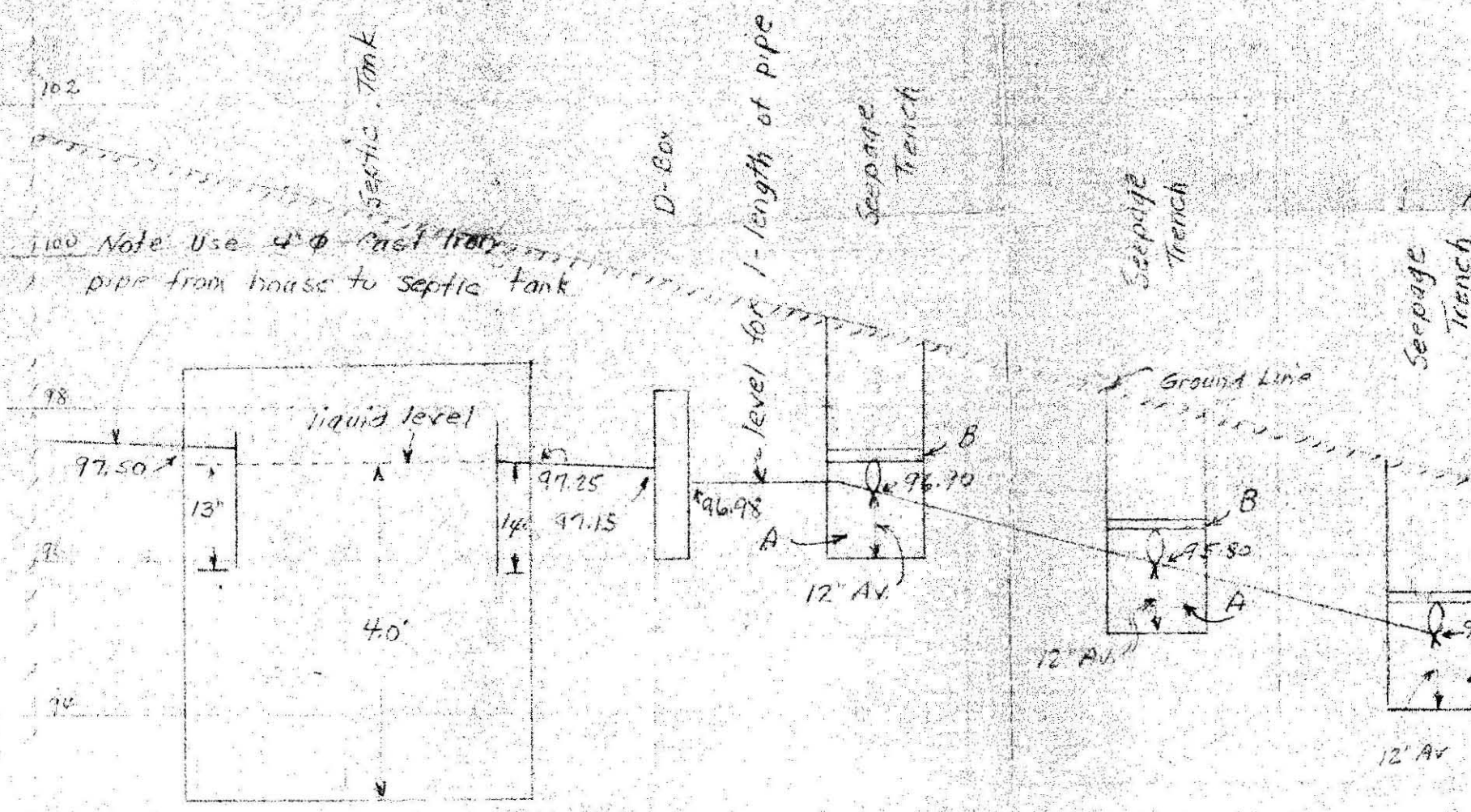
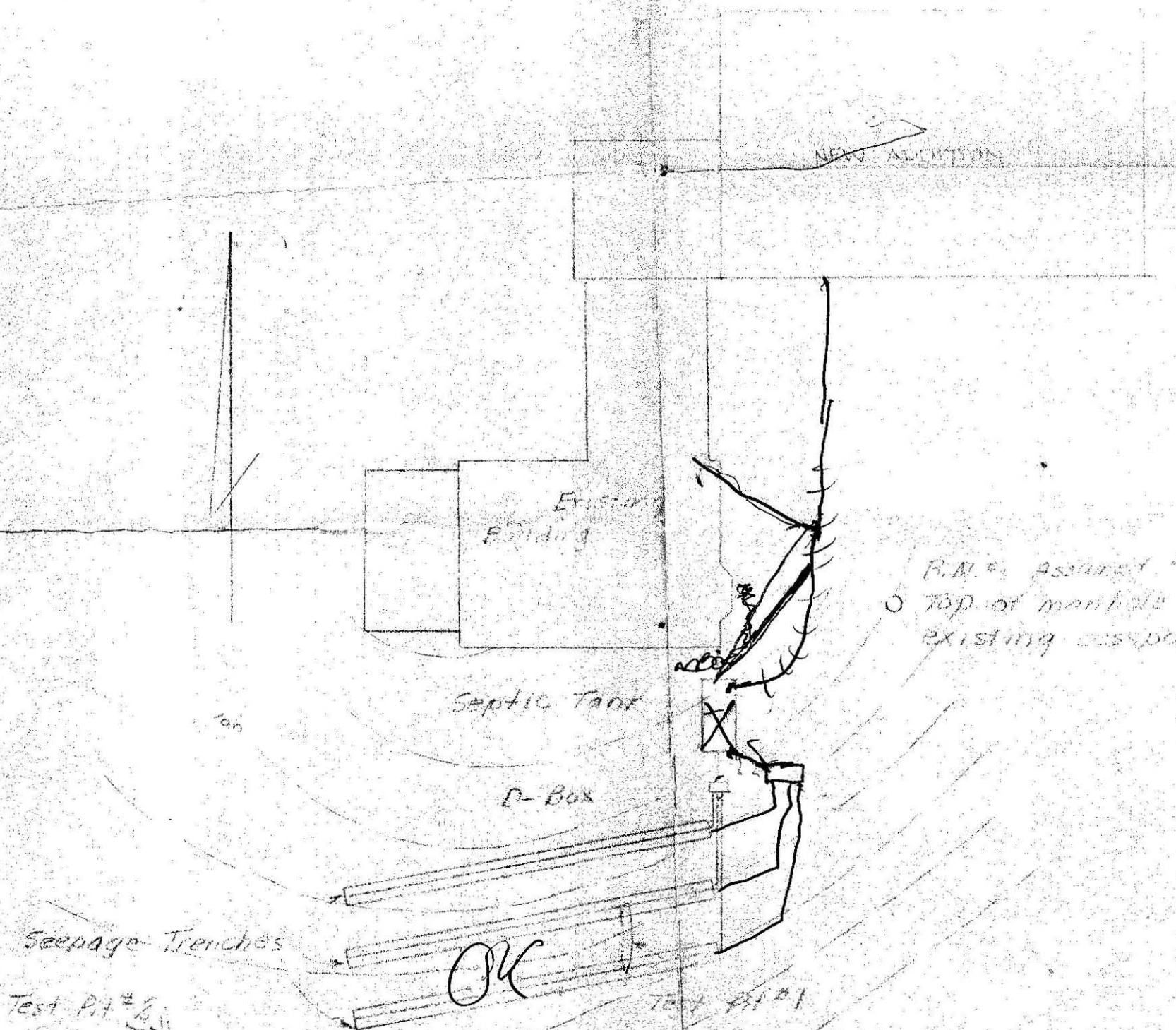
Daily flow
 Bedrooms 2 - 4 persons @ 50 300 gal/day
 School kitchen cafeteria gymnasium
 showers 100 pupils @ 8 800
 Total 1100 gal/day
 Septic Tank size 150% x 1000 1500 gal

Percolation test results:
 Tests taken at 24 - 34 depth
 Results of test 1" in 2 min use 1" in 2 min for design
 Hydraulic loading 5/10 sq ft/gal
 Required leaching area 1000 x 5/10 = 500 sq ft

Use trenches 3.0 wide
 $500/3 = 167$ lin. ft.
 Use 3 trenches $167/3 = 56$ lin. ft. per trench
 Area available $56 \times 3 \times 3 = 504$ sq. ft.

Test Pit Results
 T.P. #1
 0-24" top soil OL loose
 24"-54" silty sand SW loose
 54"-108" sand SW loose with gravel and stones
 water at 9.0'
 T.P. #2
 0-18" top soil OL loose
 18"-96" sand SW with gravel loose
 96"-108" sand SW water bearing loose water at 7.0'

Note: Trenches are 3.0w.
 bottom of trenches are level
 4" perforated pipes have 7/16
 fall over all
 12" av. of 3/4-1 1/2" clean stones
 shall be placed under pipes
 stones to be carried to top
 of pipes
 2" of 1/8-1/4" clean stones
 shall be placed over pipes
 Backfill shall be a minimum
 of 12" over stones
 Trenches are 9.0' o.c.
 See "The State Sanitary Code"
 Art. XI for additional speci-
 fications.



Note: Seepage trenches are 3.0 wide
 and 56.0 long
 Bottoms of trenches are level.
 Use 4" perforated bituminous
 fiber pipe for distribution pipes
 with a grade of 1/16" per foot
 Pipe from Septic Tank outlet to
 distribution pipes shall be 4" AS
 Asbestos Cement pipe.
 A - Place average of 12" of 3/4-1 1/2"
 stones under and along side of
 distribution pipes to top of pipe
 B - Place 2" of 1/8-1/4" stones
 over A

APPROVED

Mass. Department of Public Health
 Division of Environmental Health
 Date July 29, 1973

Plan of Sanitary Sewage Disposal
 System for Property at
 521 So. Pleasant Street
 Amherst MA.

5-22-73 Scales as shown
 by M.J. Hubler P.E.

SCALE	DATE
AS SHOWN	5/22/73
DATE	DRAWN
5/22/73	M.H.
DRAWN	REVISIONS
M.H.	

SANITARY SYSTEM

THE COMMON SCHOOL
 AMHERST, MASS.

DRUMMEY ROSANE ANDERSON
 79 south pleasant street
 amherst, mass.

DRA