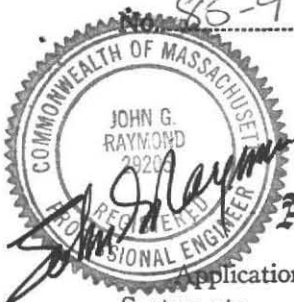


Henry Street- Completed

187 Henry St

85-9

FEE 90.00
Pd. 4/3/85



THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

TOWN OF AMHERST

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal

System at:
MECHANICAL HENRY STREET
89 MAR 1985

C

Location - Address
RESS BUILDING CORP.

or Lot No.
ROUTE 66, WESTHAMPTON

Owner
Karl's Excavating

Address

Type of Building

Address 21,429 Sq. feet
Size Lot

Dwelling — No. of Bedrooms 4 Expansion Attic () Garbage Grinder (X)

Other — Type of Building No. of persons Showers () — Cafeteria ()

Other fixtures 55

Design Flow 55 gallons per person per day. Total daily flow 440 gallons.

Septic Tank — Liquid capacity 1500 gallons Length Width Diameter Depth

Disposal Trench — No. Width Total Length Total leaching area sq. ft.

~~Septic Tank~~ DRY WELL 1 Diameter 3'0" Depth below inlet 3'0" Total leaching area

Other Distribution box () Dosing tank () DEMENSIONS: 18'x13'x3'0" CAPACITY=699GPD

Percolation Test Results Performed by RPB HUNTLEY ASSOC. Date DEC. 4, 1984

Test Pit No. 1-2-0 minutes per inch Depth of Test Pit Depth to ground water

Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil C-M SAND & GRAVEL NO GROUNDWATER AT 10'0"

Nature of Repairs or Alterations — Answer when applicable

Agreement:

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Sanitary Code — The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by the board of health.

Signed *Robert E. Skerki Pres* 4/3/85

Application Approved By *C. Drabow* 4/3/85

Application Disapproved for the following reasons:

Permit No. 85-9

Issued 4/3/85 Date

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

OF

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired () by

Installer

at

has been installed in accordance with the provisions of TITLE 5 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 SATISFACTORY.

DATE Inspector

CHECK OR FILL IN WHERE APPLICABLE

BOARD OF HEALTH

No. 85-9

Town of Amherst

FEE \$90

Disposal Works Construction Permit

Permission is hereby granted to Construct (X) or Repair () an Individual Sewage Disposal System at No. 607 C NERRY ST

as shown on the application for Disposal Works Construction Permit No. 85-9 Dated 2/3/85

DATE 2/3/85

Signature of Board of Health member

PROPOSED DOMESTIC SUBSURFACE DISPOSAL SYSTEM DESIGN

Prepared For: RESS Building Corp
Location: Lot "C", Henry St, Amherst
Number of Bedrooms: 4 Garbage Disposal: NO

LEACH AREA DESIGN

4 Bedrooms x 2 persons/bedroom = 8 persons

8 Persons x 55 gallons of wastewater/person/day = 440 total gallons of wastewater/day.

Percolation Rate: 2.0 min/inch

Gallon of wastewater/square feet of leach area for a Percolation Rate of:

2.0 min/inch = 2.5 Gal/SF Sidewall Area

= 1.0 Gal SF Bottom Area

- * If a leach bed is to be installed, no sidewall is allowed.
- * If percolation rate exceeds 20 min/inch, no bottom area is allowed.

- SEPTIC TANK -

* WITHOUT GARBAGE DISPOSAL:

440 Gallons of wastewater day x 1.50 = 660 REQUIRED effective liquid capacity of septic tank.

RECOMMENDED: 1500 Septic Tank

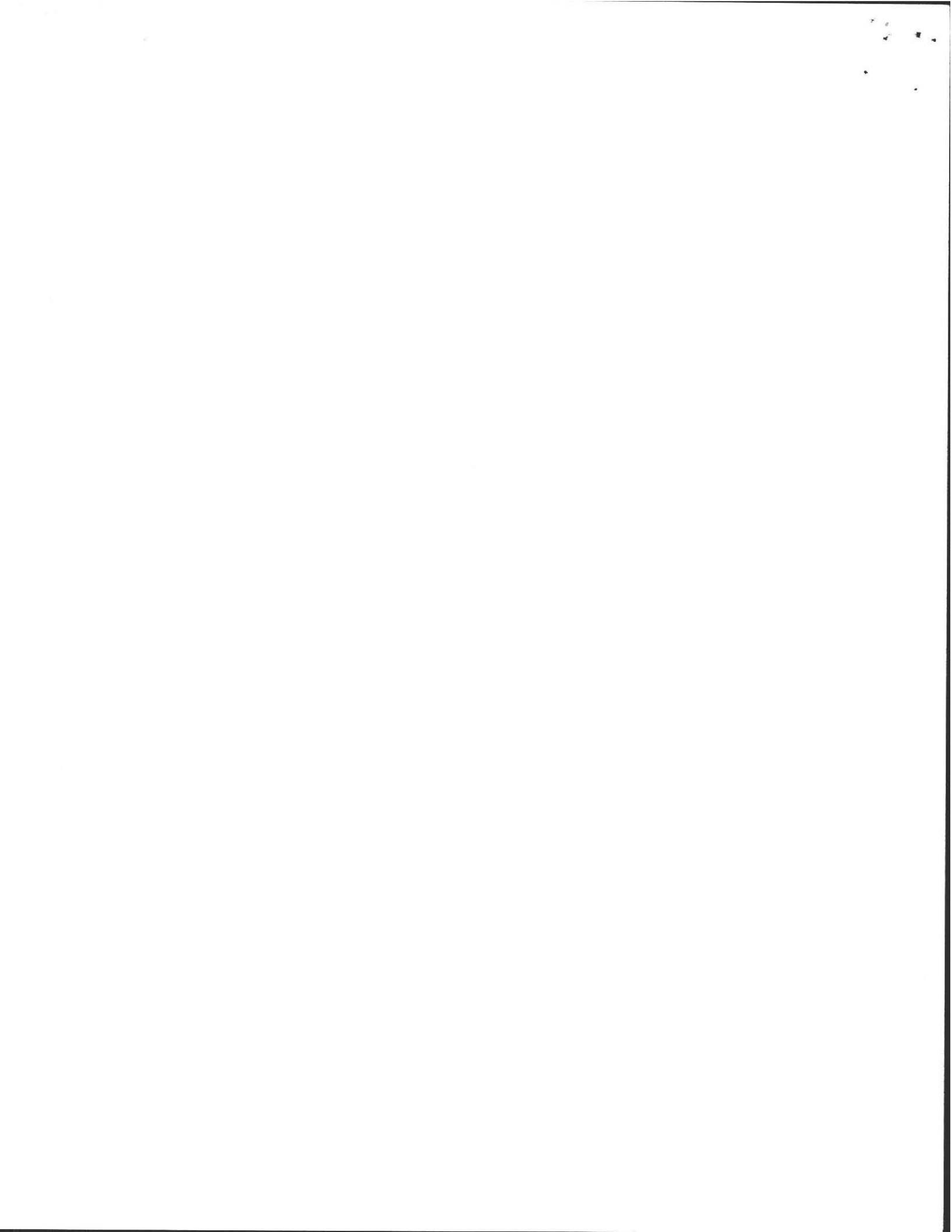
- * In no case will the septic tank be less than 1,000 gallons (effective liquid capacity)

** WITH GARBAGE DISPOSAL:

_____ Gallons of wastewater day x 1.50 = _____ REQUIRED effective liquid capacity of septic tank.

RECOMMENDED: _____ Septic Tank

- ** In no case will the septic tank be less than 1,500 gallons (effective liquid capacity)



LEACHING PIT DESIGN

Precast Pit Used: 10 ' Long x 5 ' Wide x 2 ' Effective Depth
Using 4 ' of stone all around and 1.0 ' of stone under pit.

SIDEWALL AREA:

13 ' Long x 3 ' Effective Depth x 2 Sides = 103 SF

13 ' Wide x 3 ' Effective Depth x 2 Sides = 78 SF

Total of 186 SF (Sidewall Area) x 2.5 Gal/SF = 465 Gal/Pit (Sidewall)

BOTTOM AREA:

13 ' Long x 13 ' Wide = 234 SF

234 SF (Bottom Area) x 1.0 Gal/SF = 234 Gal/Pit (Bottom)

465 Gal/Pit (Sidewall)

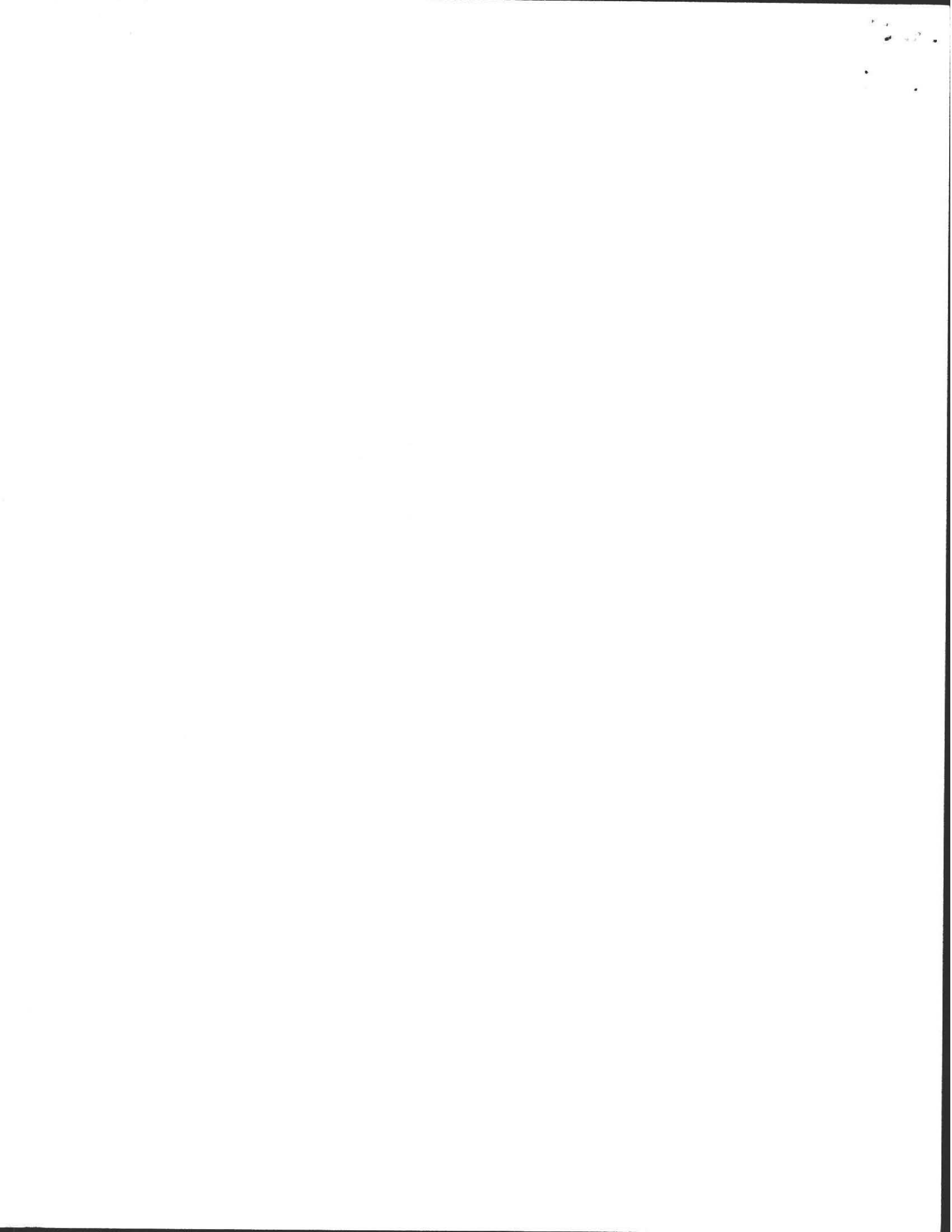
- 234 Gal/Pit (Bottom)

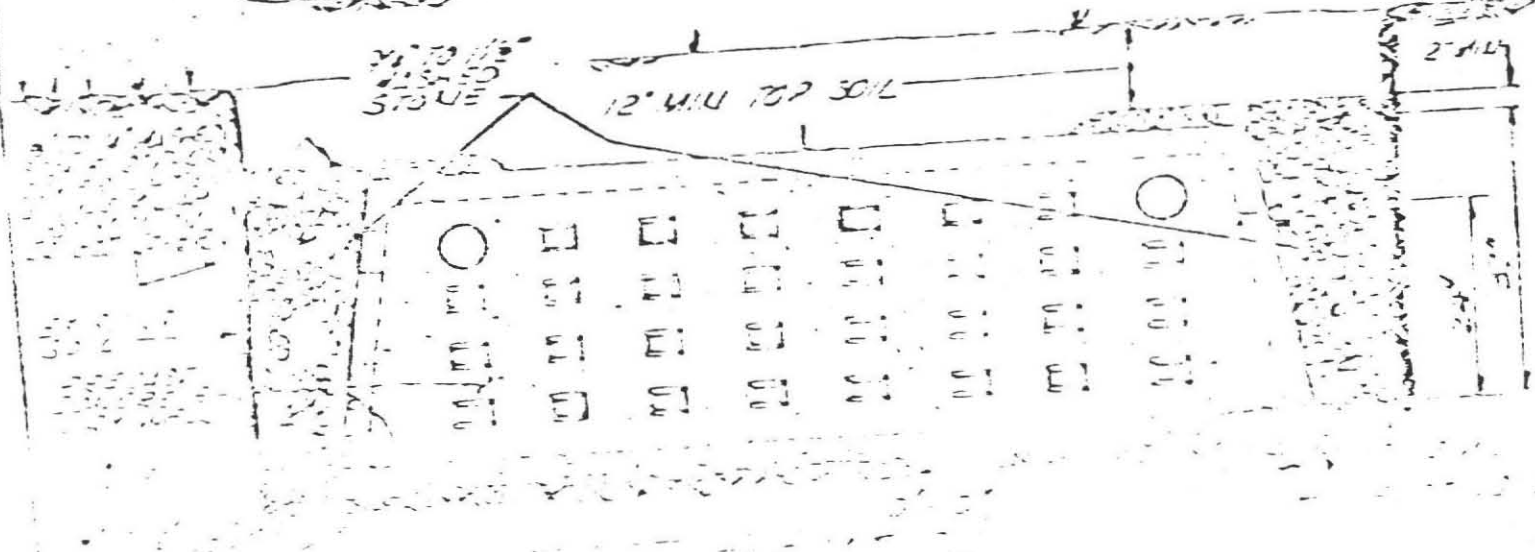
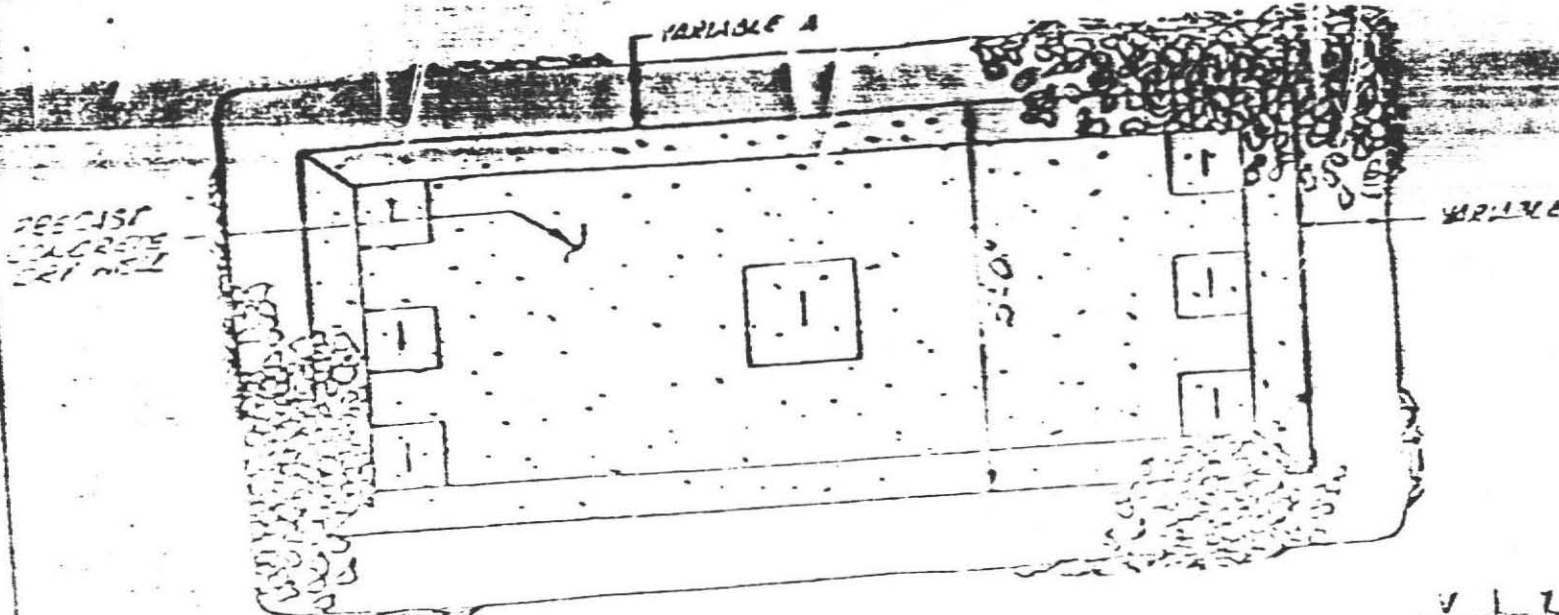
= 699 TOTAL Gal/Pit (Designed)

* Without Garbage Disposal: 440 Total Gal/Day (REQUIRED)

* With Garbage Disposal: 1.5 x _____ Gal/Day Daily Flow = _____ Gal/Pit

* 440 Total Gal/Day + 699 Gal/Pit = 1 Pit





• THE PIT SHOULD BE MADE TO FOLLOW THE SLOPE OF THE GROUND SURFACE
 AND IS TO BE MADE THE GREATEST EFFECTIVE WIDTH OR DEPTH OF THE
 PIT, WHICHEVER IS GREATER.

ALMER HUNTLEY, JR. & ASSOCIATES, INC.
 REGISTERED LAND SURVEYORS & CIVIL ENGINEERS
 105 PLEASANT STREET



LOT "C"
21,429 SF

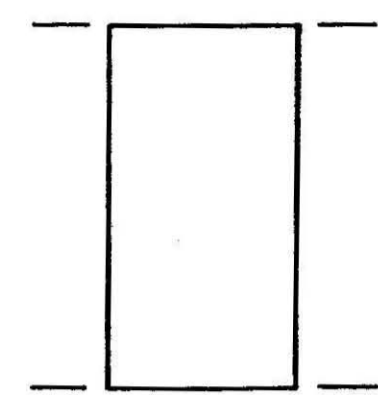
OBSERVATION PIT #3

DATE: 12-4-84

OBSERVATION PIT

DATE:

OTS	6'
Silt & Gravel	9'
Layers of C.M. Sand & Gravel	



GROUNDWATER = None

GROUNDWATER =

OXIDE =

OXIDE =

PERC. RATE = 2.0 Min/inch

PERC. RATE =

NOTES:

ALL WORK TO BE DONE IN ACCORDANCE WITH TITLE 5, STATE ENVIRONMENTAL CODE.

SEPTIC TANK SHOULD BE INSPECTED AND CLEANED AT LEAST ANNUALLY PER TITLE 5, SEC. 6.16.

LOT "D"

LOT "B"

PLAN
Scale: 1" = 20'

1500 Gallon Septic Tank

750 Gallon Leaching Pit Having 4'-0" OF Stone All Around And 1'-0" OF Stone Under

Reserve Area

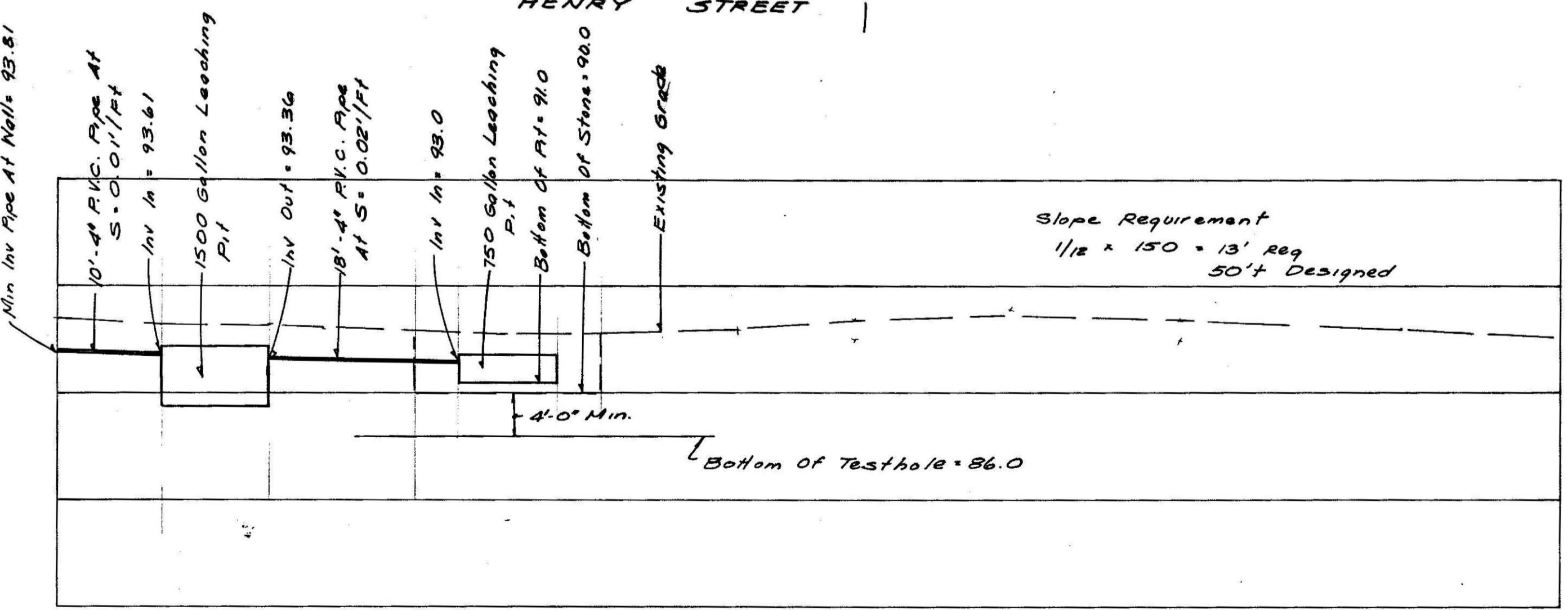
Approx Location Of Water Service

HENRY STREET

T.B.M. - HYDRANT -
Top Of Spindle = 100.00

98 PROPOSED CONTOUR
98 EXISTING CONTOUR

Slope Requirement
 $1/12 \times 150 = 13'$ Req
50'+ Designed



PROFILE
Scale: horiz. & vert. = 1" = 10'

<p>PLAN OF PROPOSED SEWAGE DISPOSAL SYSTEM FOR LOT "C", HENRY STREET, AMHERST PREPARED FOR RESS BUILDING CORP.</p>		<p>FIELD WORK: RPB COMPUTATIONS: RPB DRAFTING: RPB CHECKED: AMH SCALE: AS NOTED DATE: 3-29-85</p>
<p>ALMER HUNTLEY, JR. & ASSOCIATES, INC. SURVEYORS - ENGINEERS - PLANNERS 125 PLEASANT STREET NORTHAMPTON, MASS.</p>		<p>MECHANICAL 20 MAR 1985</p>
<p>20 MAR 1985</p>		<p>SHEET: OF:</p>

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

Lot "C" HENRY ST

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner RESS CONST - Co Address WESTAMPTON

Installer KARL'S Address RIVER DE HAOCHE

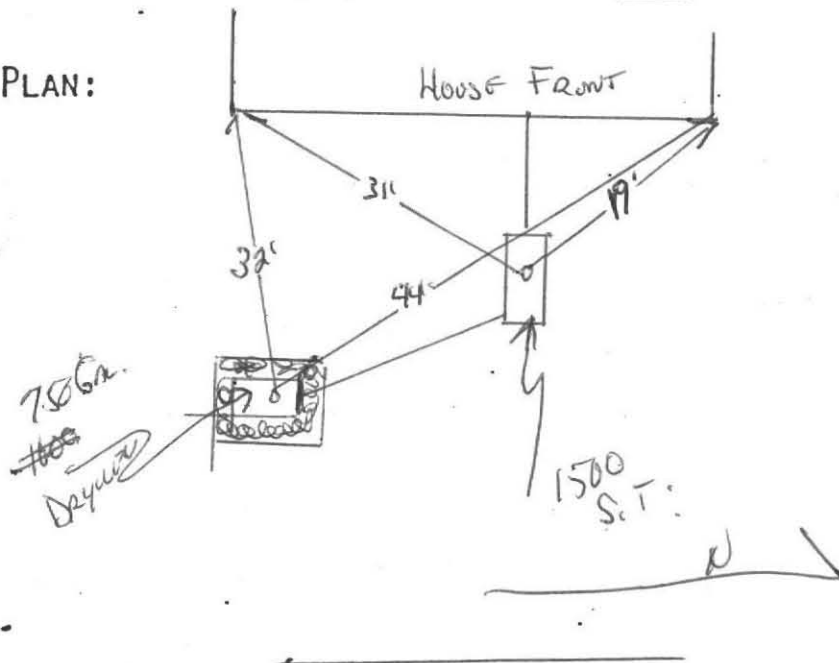
Date Installation Inspected and Approved SUMMER 85

Description of System: Tank Capacity: 1500

Leach Field () Bed () Seepage Pit (X) Square Feet: 240 Sides
120 BOTTOM

Garbage Grinder Yes (X) No () No. Bedrooms: 3 No. People 6

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.

