

#600

FILIOS ENTERPRISES, INC.
69 Pelham Rd.
Amherst, MA 01002

Date: *May 5, 1995*

Name: *Carolyn Lester*
Address: *600 Station Road*
Amherst MA. 01002

Dear *Ms Lester,*

This is to notify you that Filios Enterprises, Inc. has inspected the septic system installed

AT: *600 Station Rd.*
Amherst Mass.

Unless exceptions are noted below, the system complied with the approved design and elevations.

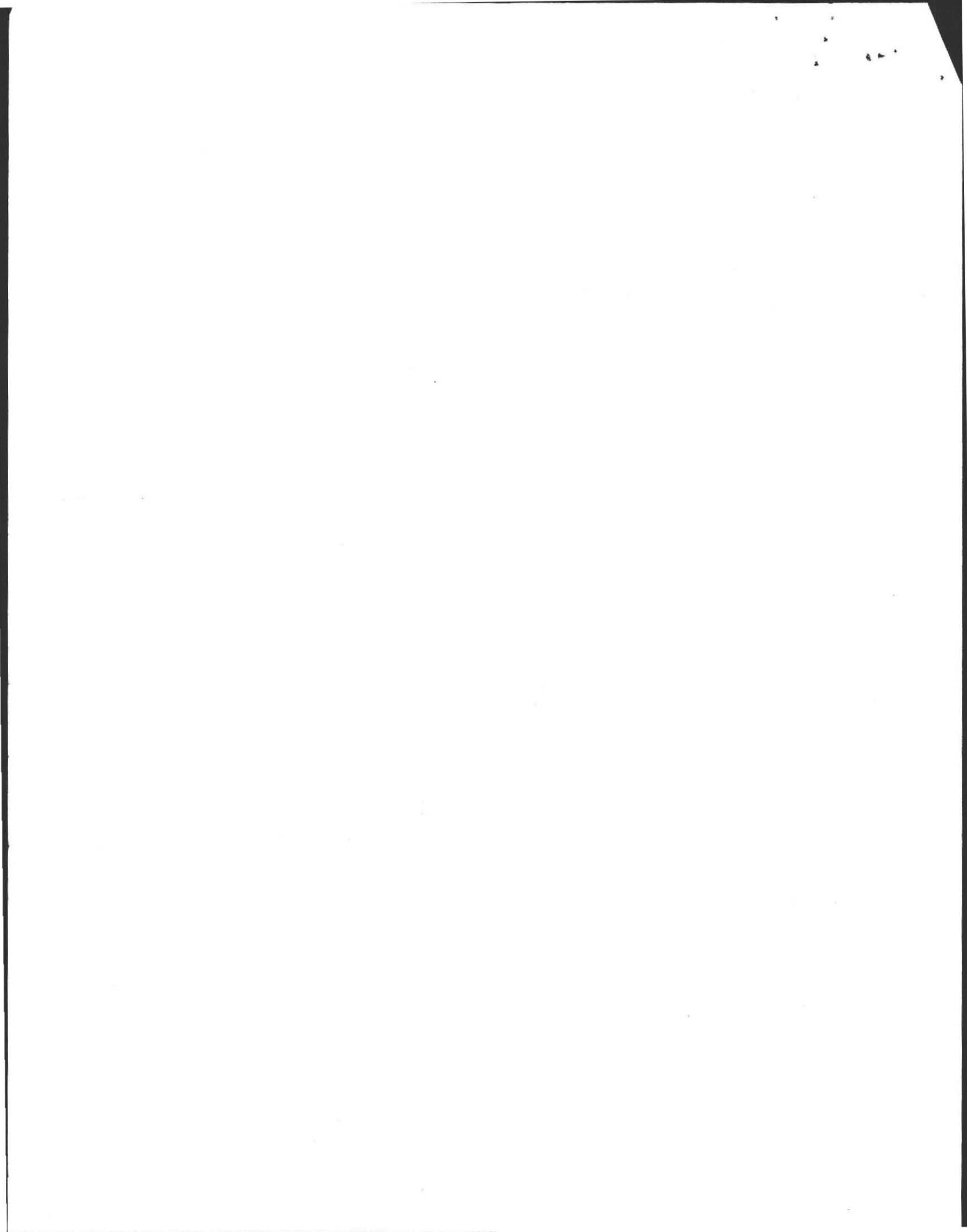
Exceptions: *The exceptions to the approved design are shown in red on the plan view and Profile view enclosed. The installation complies with Title V DEQE.*

Sincerely,

Frederick A. Filios

(Frederick A. Filios)

C.C. to Board of Health



No. 95-2

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

Town Amherst OF

Application for Disposal Works Construction Permit



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

Location - Address: Jesse Schwabbaum
600 Station Rd.
Owner: Carolyn Lester or Lot No. 48
Installer: Richard Roberts Address: 600 Station Rd., Amherst, MA 01002

Type of Building: _____
Dwelling - No. of Bedrooms: 3 Expansion Attic () Garbage Grinder (no)
Other - Type of Building: _____ No. of persons: _____ Showers () - Cafeteria ()
Other fixtures: _____

Design Flow: 55 gallons per person per day. Total daily flow: 412.5 gallons.
Septic Tank - Liquid capacity: 1500 gallons Length: 10.5' Width: 5.0' Diameter: _____ Depth: 4.0' (Liquid)
Disposal Trench - No. _____ Width: _____ Total Length: 25.0' Total leaching area: 152.0 sq. ft. Sidewall
Seepage Pit No. 1 Diameter: 25.0' x 13.0' Depth below inlet: 2.0' Total leaching area: 325.0 sq. ft. Bottom Area
Other Distribution box () Dosing tank ()
Percolation Test Results Performed by: Filios Enterprises, Inc. Date: January 6, 1995
Test Pit No. 1: 2 minutes per inch Depth of Test Pit: 161" Depth to ground water: 11'
Test Pit No. 2: _____ minutes per inch Depth of Test Pit: _____ Depth to ground water: _____

Description of Soil: Attached

Nature of Repairs or Alterations - Answer when applicable: raise building sewer outlet, replace tank with 1500 gal. septic tank, construct new leach facility

Agreement: The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Environmental 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: Carolyn Lester / 10 Jan '95
Application Approved By: Carol Zagoranyi for Public Health Dept Date: 01/10/95
Application Disapproved for the following reasons: _____

Permit No. 95-2 Issued _____ Date _____

Richard Roberts
5-5-95

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH
Town Amherst OF
Certificate of Compliance

Checked OK
F. Filios
5-5-95

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

at 600 Station Road has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal Works Construction Permit No. 95-2 dated _____

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE _____ Inspector _____

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH

No. 95-2 Town Amherst OF

FEE 160

Disposal Works Construction Permit

Permission is hereby granted Carolyn Lester to Construct () or Repair () an Individual Sewage Disposal System at No. 600 Station Road Street

as shown on the application for Disposal Works Construction Permit No. 95-2 Dated 01/10/95

DATE 01/10/95 Board of Health: Carol Zagoranyi for Public Health Dept

CHECK OR FILL IN WHERE APPLICABLE

1911

Home of

Tom

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Home of

Tom

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Home of

Tom

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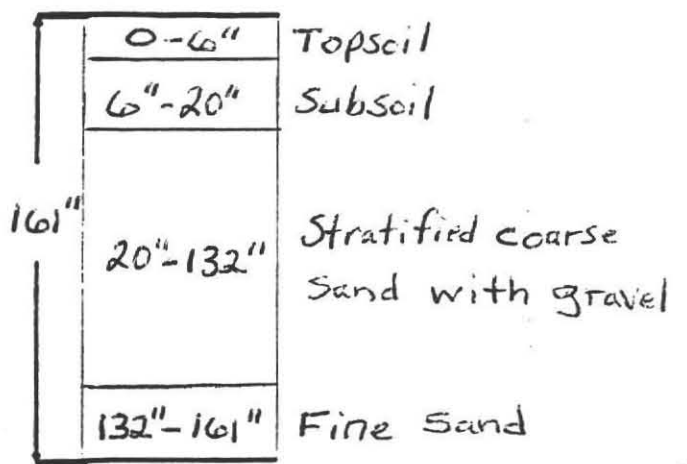
Deep Soil Logs

Filios Enterprises, Inc.

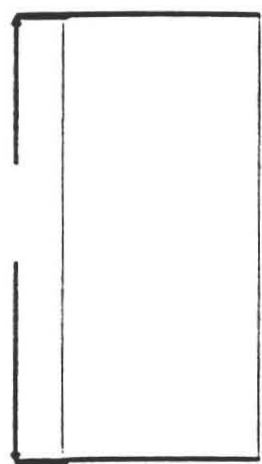
69 Pelham Rd., Amherst MA 01002, (413) 256-8008

Owner: Carolyn Lester
Location: 600 Station Rd.
Amherst, MA
Repair Perc

Date: January 6, 1995
B. of H. David Zarozinski



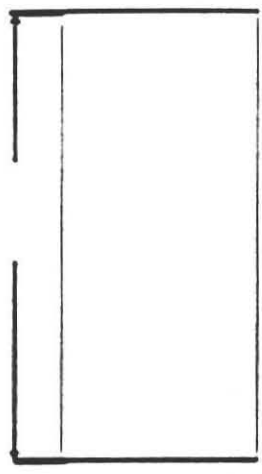
Ground Water Oxides At 11'



Ground Water _____



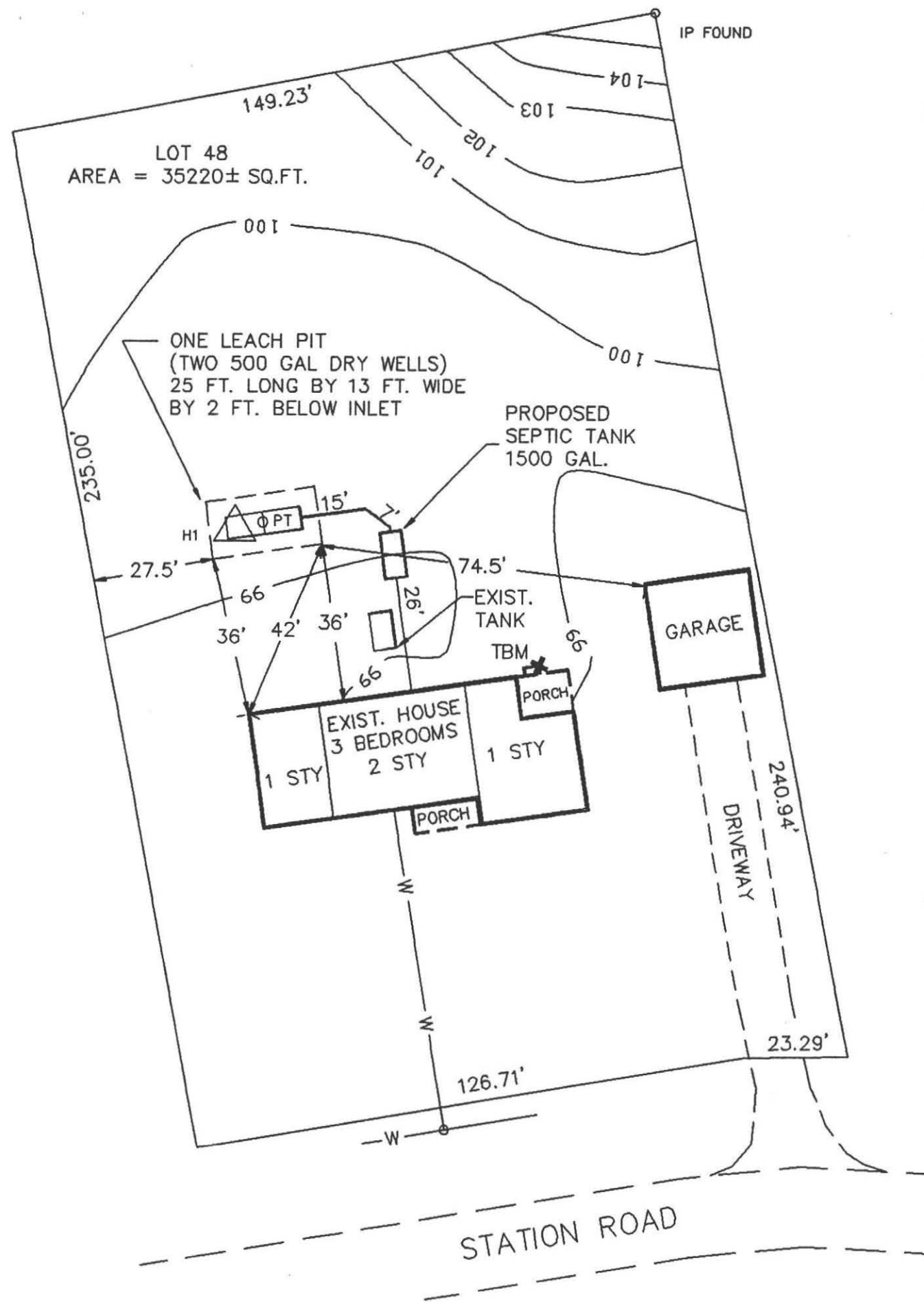
Ground Water _____



Ground Water _____

Percolation Rate at: 58"
2 min./inch



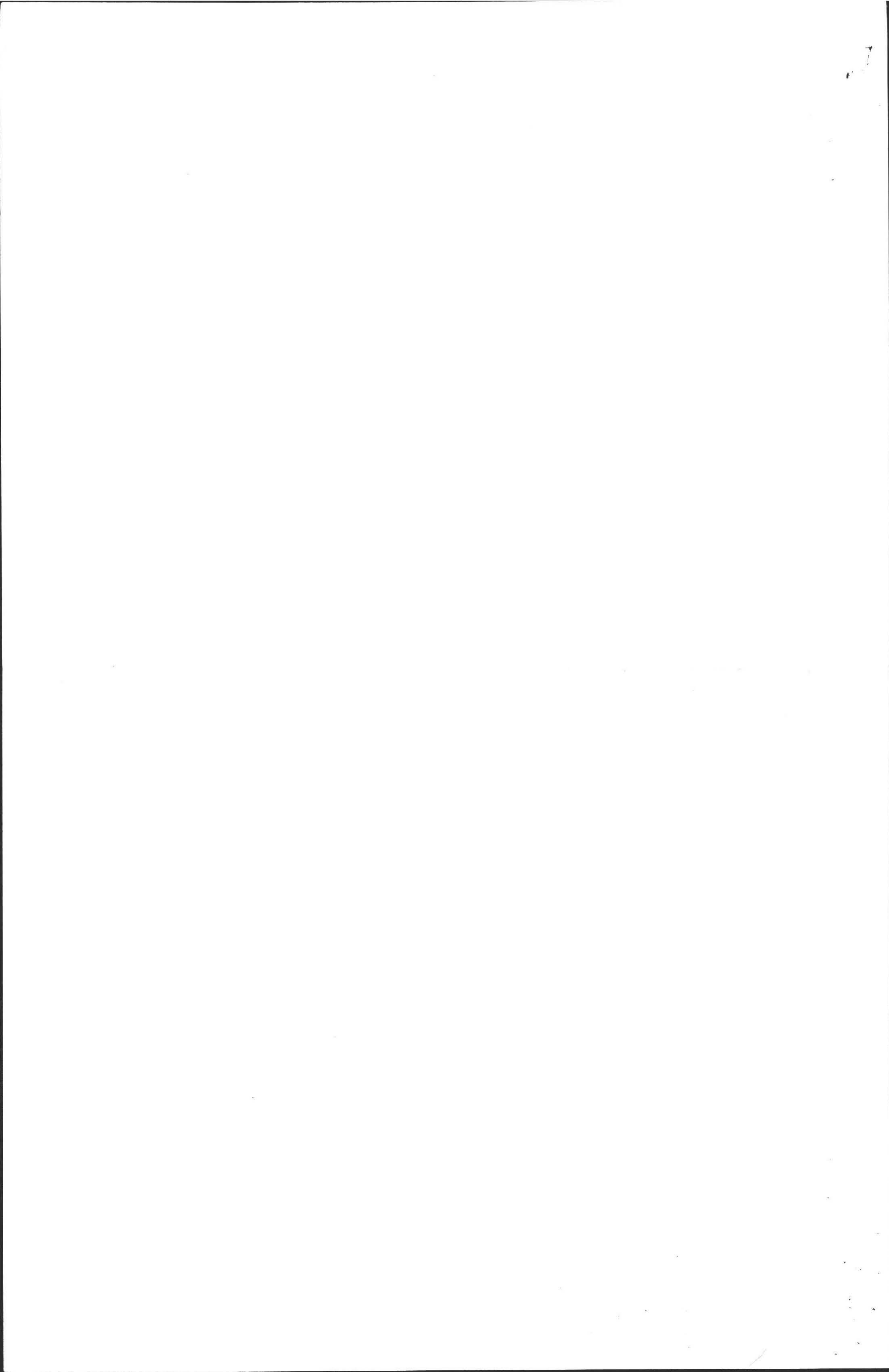


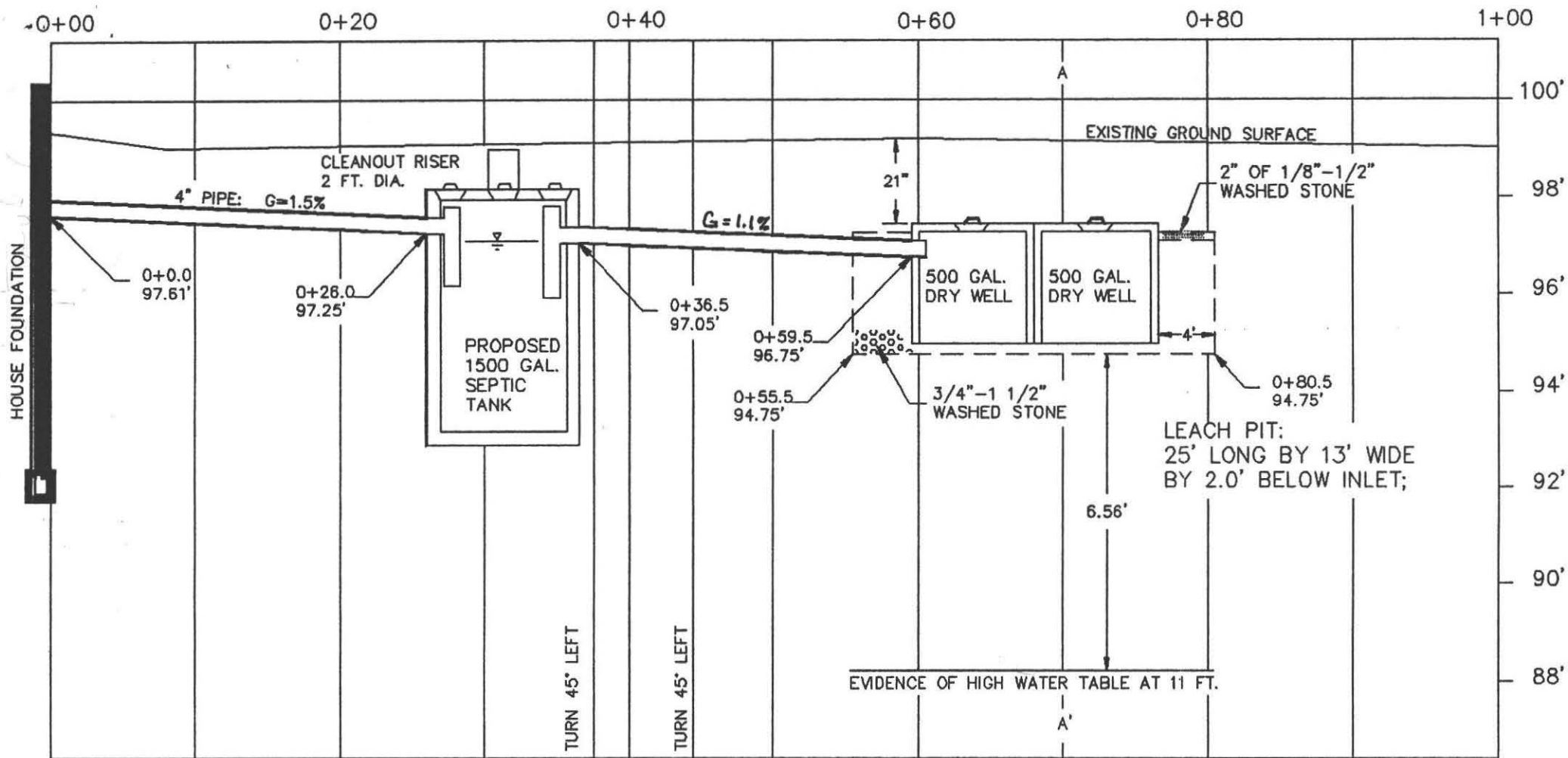
LEGEND	
○	PT PERCOLATION TEST
△	Hx DEEP TEST PIT
XXX	CONTOUR LINES (1' INTERVAL)
—○—	WATER SERVICE LINE AND VALVE

- NOTES:
1. TBM IS NORTHEAST CORNER OF CONC. STEP TO BACK PORCH.
 2. NO OTHER WELLS WITHIN 200' OF THE LEACH AREA AT THE TIME OF SURVEY.
 3. DRY WELLS SHALL BE TIGHTLY BUTTED END-TO-END.
 4. EXIST. SEPTIC TANK SHALL BE PUMPED AND FILLED WITH SAND.
 5. EXIST. FOUNDATION SEWER OUTLET SHALL BE RAISED.



PLAN OF SEWAGE DISPOSAL SYSTEM	
REPAIR AT 600 STATION RD., AMHERST, MA	
BY: FILIOS ENTERPRISES, INC. 69 PELHAM RD. AMHERST MA 01002 (413)256-8008	FOR: CAROLYN LESTER 600 STATION RD. AMHERST, MA 01002
ROBERT STOVER JANUARY 9, 1995	SCALE: 1" = 30' PAGE ONE OF TWO





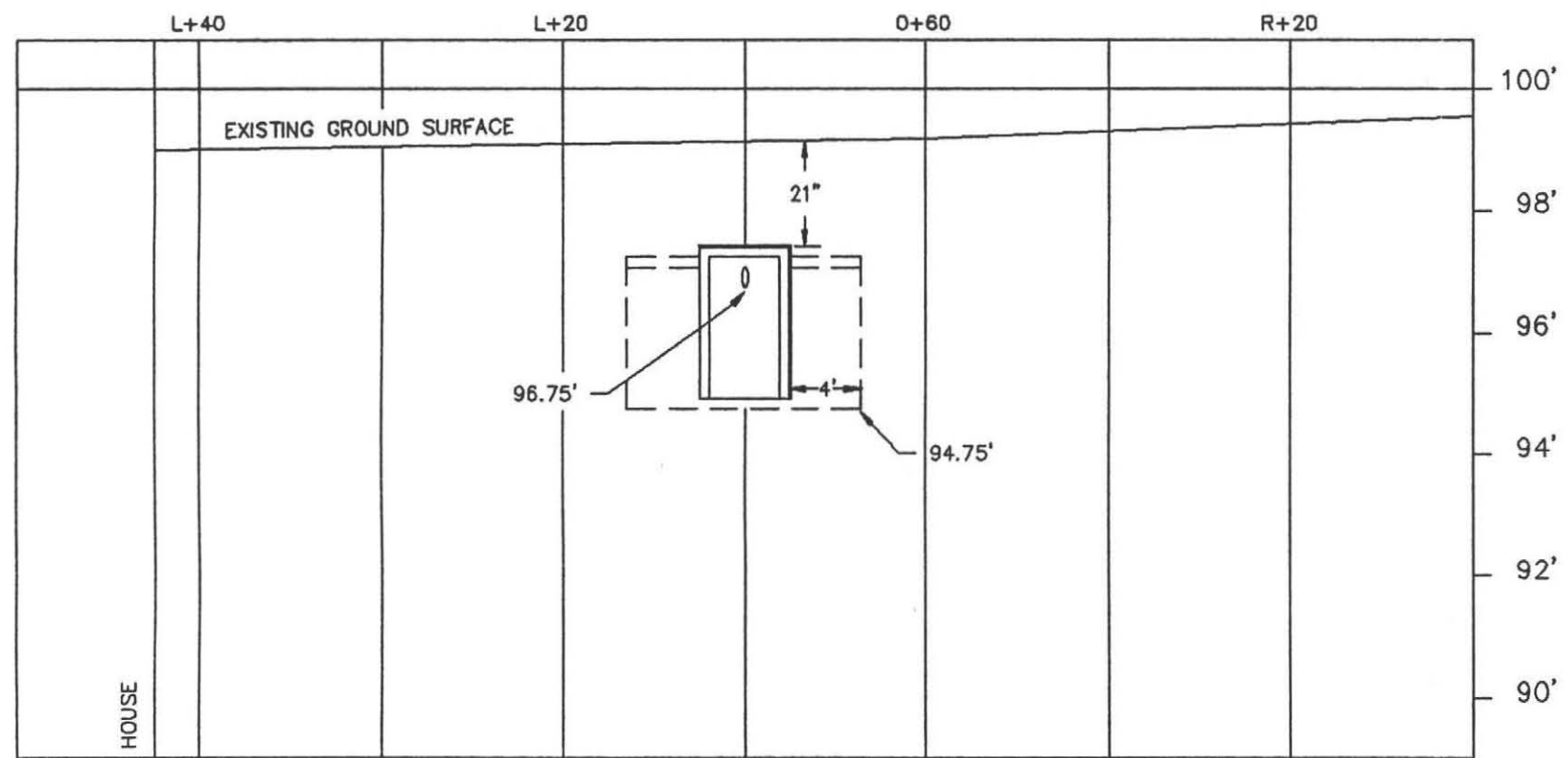
100 FT. ELEVATION ASSUMED AT TBM.
TBM IS NORTHEAST CORNER OF CONC.
STEP TO BACK PORCH AS SHOWN ON
THE PLANVIEW.

SPECIFICATIONS
ALL MATERIALS AND CONSTRUCTION MUST BE
IN ACCORDANCE WITH COMMONWEALTH OF
MASSACHUSETTS DEPT. OF ENVIRONMENTAL
PROTECTION STATE ENVIRONMENTAL CODE
TITLE 5.

CONSTRUCTION NOTES

1. SEPTIC TANK SHOULD BE INSPECTED AND PUMPED EVERY TWO YEARS.
2. SEPTIC TANK INLET AND OUTLET TEES SHALL EXTEND 10" AND 14" BELOW THE FLOWLINE RESPECTIVELY. TOPS OF TEES SHALL BE LEFT OPEN WITH 3" AIR SPACES BETWEEN TOPS OF TEES AND THE INSIDE OF THE TANK COVER.
3. THE INVERT ELEVATION OF THE SEPTIC TANK INLET SHALL BE AT LEAST 2" ABOVE THE INVERT ELEVATION OF THE OUTLET.
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5. THE TWO (500 GAL.) DRY WELLS SHALL BE TIGHTLY BUTTED END-TO-END.

CROSS-SECTION AT A - A' (0+70)



CALCULATIONS

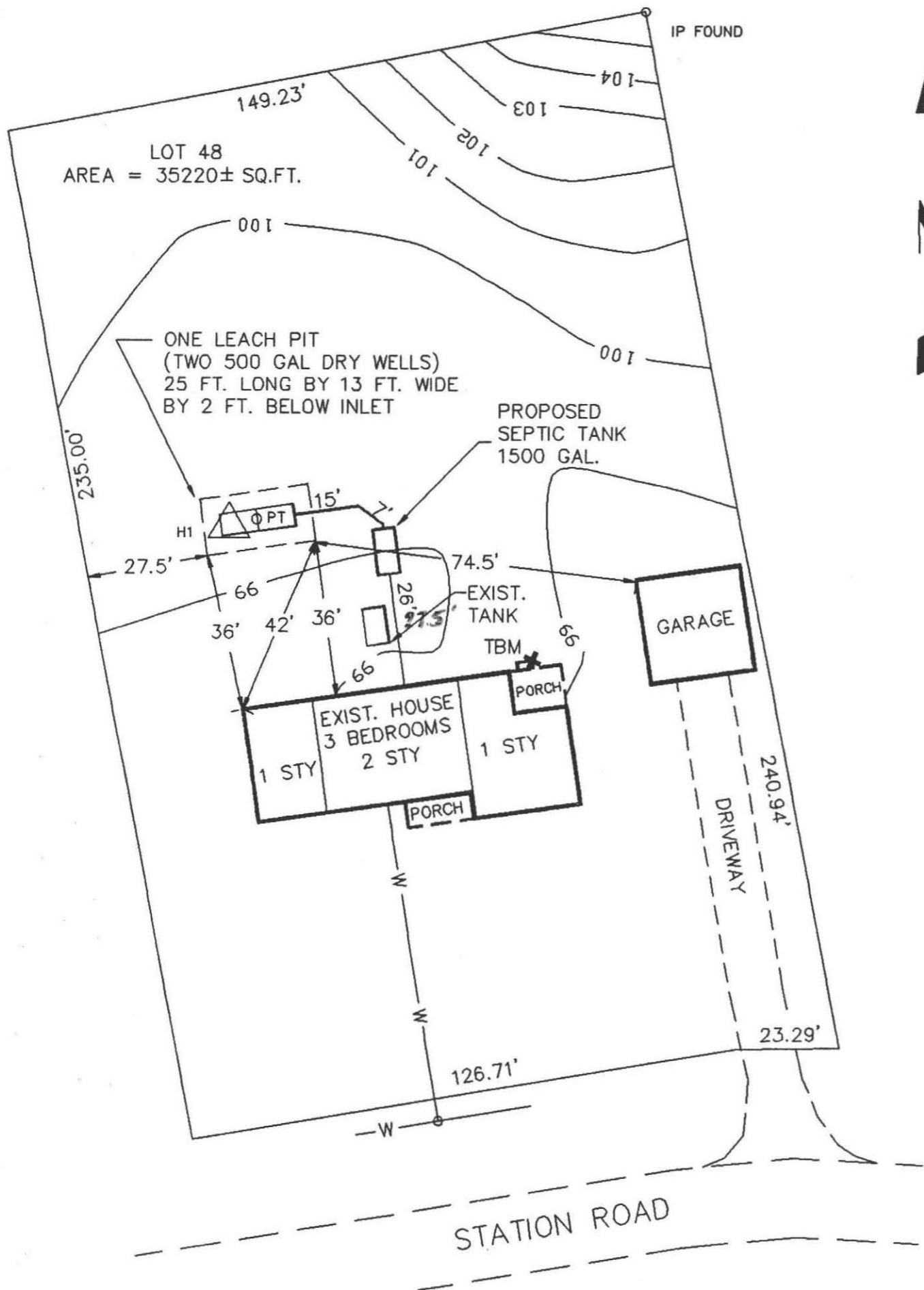
REQUIRED: For a 3 bedroom house without a garbage grinder a capacity of 330.0 gal./day x 1.25 (Town safety factor) = 412.5 gal./day.

DESIGNED: 1 leach pit 25.0'L X 13.0'W X 2.00' below inlet (effective depth), for a perc rate of 2 min./in., yielding side and bottom loading factors of 2.50 and 1.00 gal./sq.ft. respectively.

SIDEWALL: $(25.0' + 13.0') \times 2 \times 2.0' \times 2.50 \text{ Gal./Sq.ft.} = 380.0 \text{ Gal.}$
 BOTTOM: $(25.0' \times 13.0') \times 1.00 \text{ Gal./Sq.ft.} = 325.0 \text{ Gal.}$
 TOTAL: 705.0 Gal.



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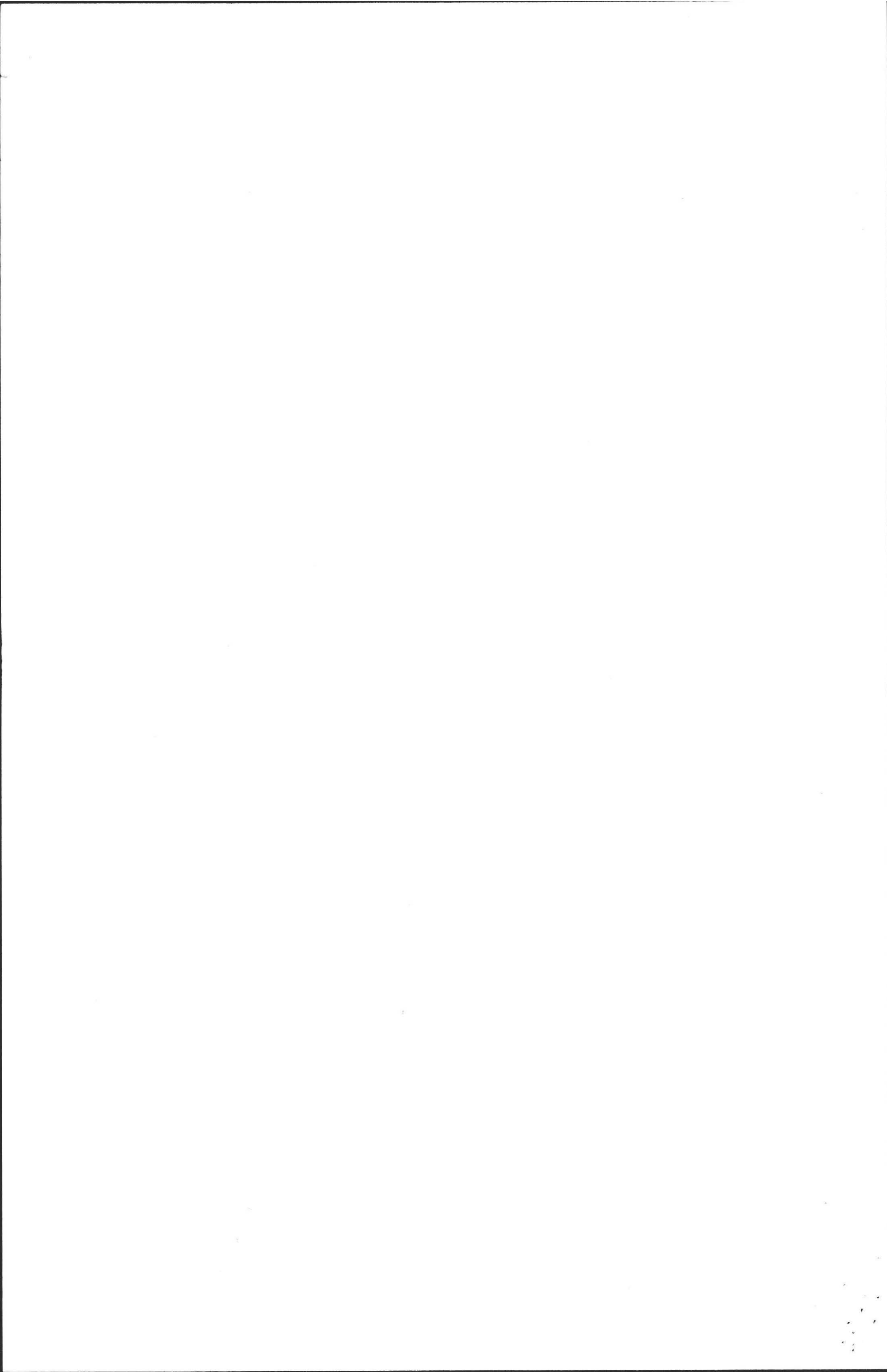


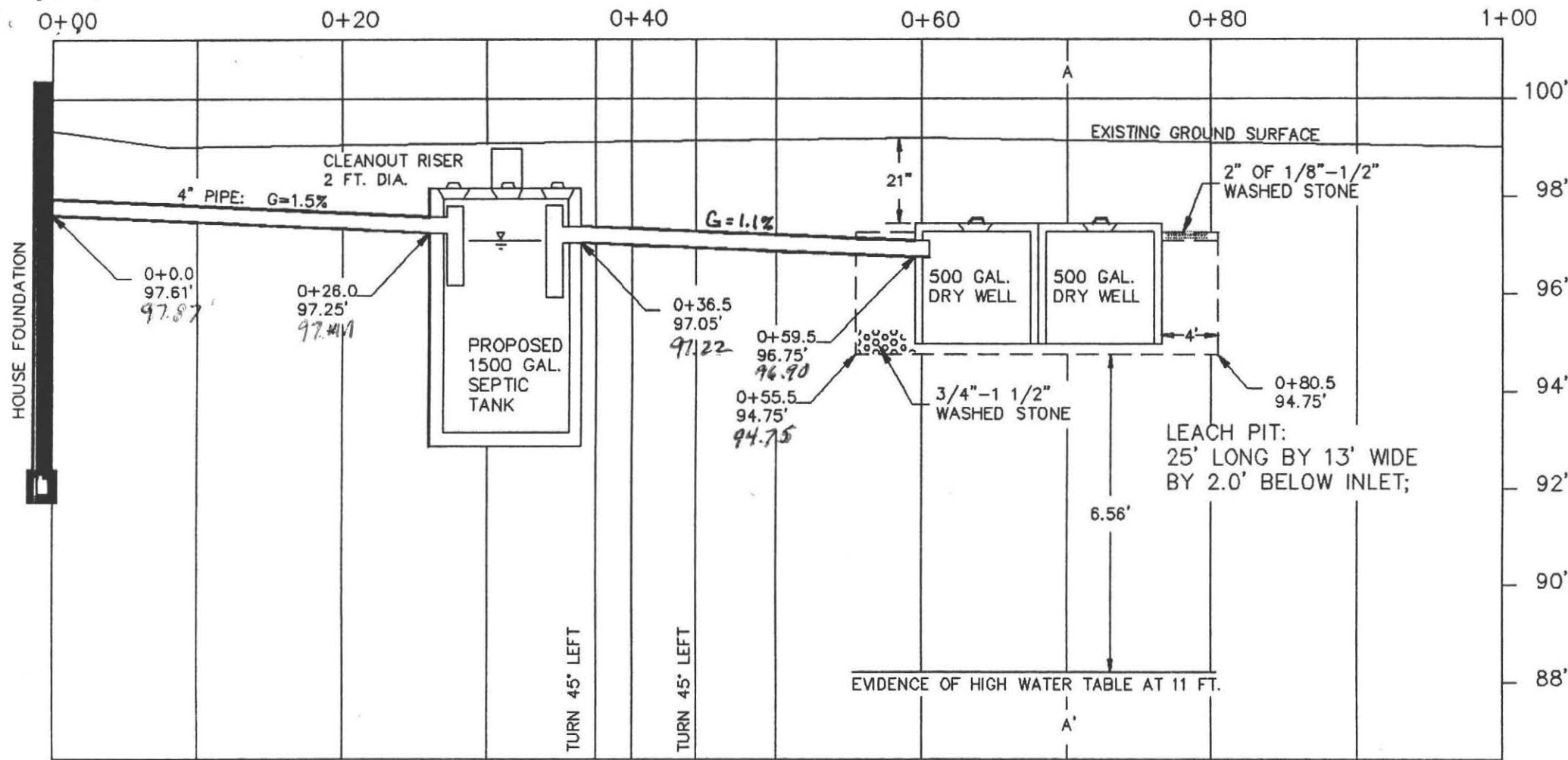
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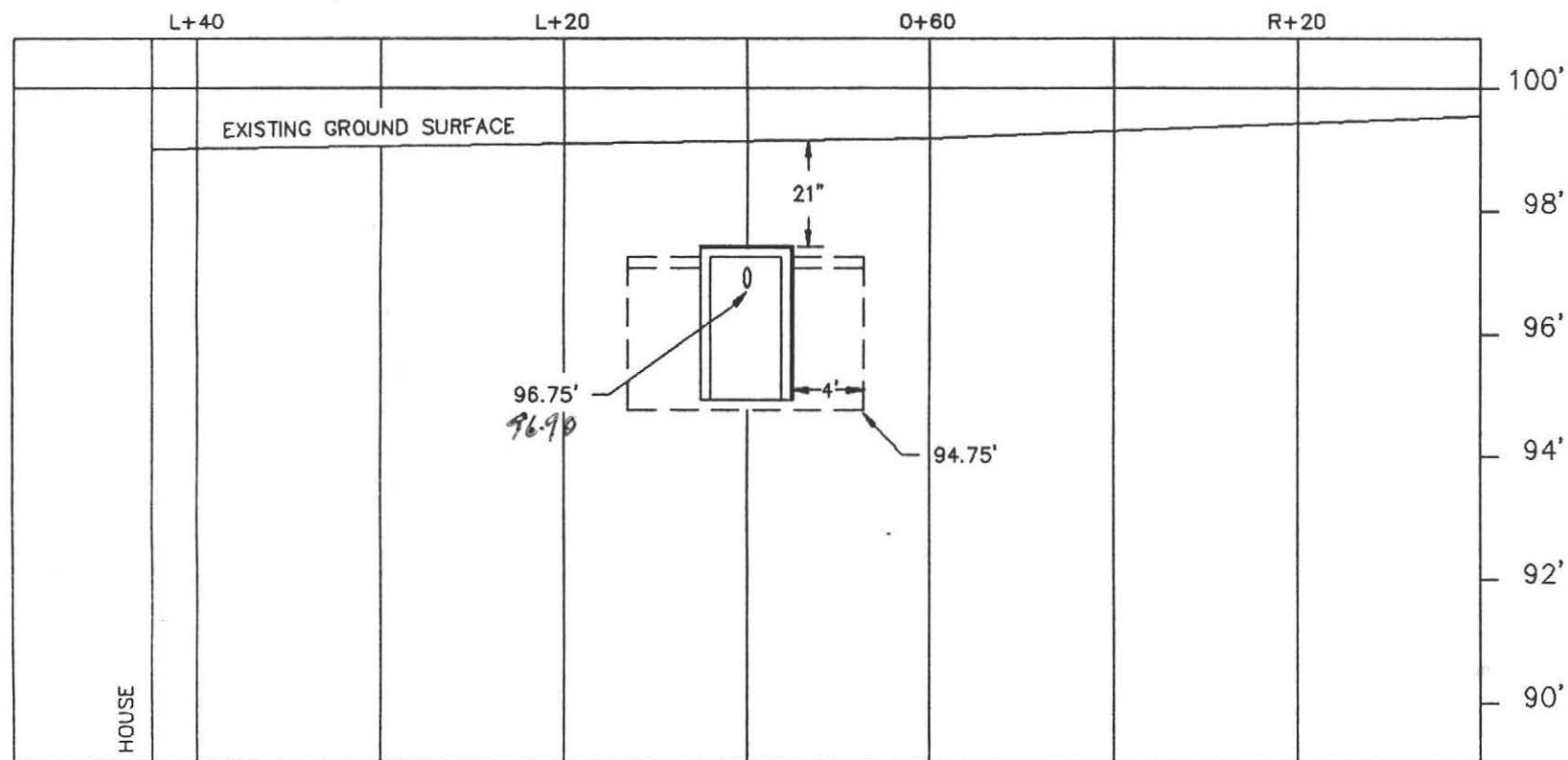
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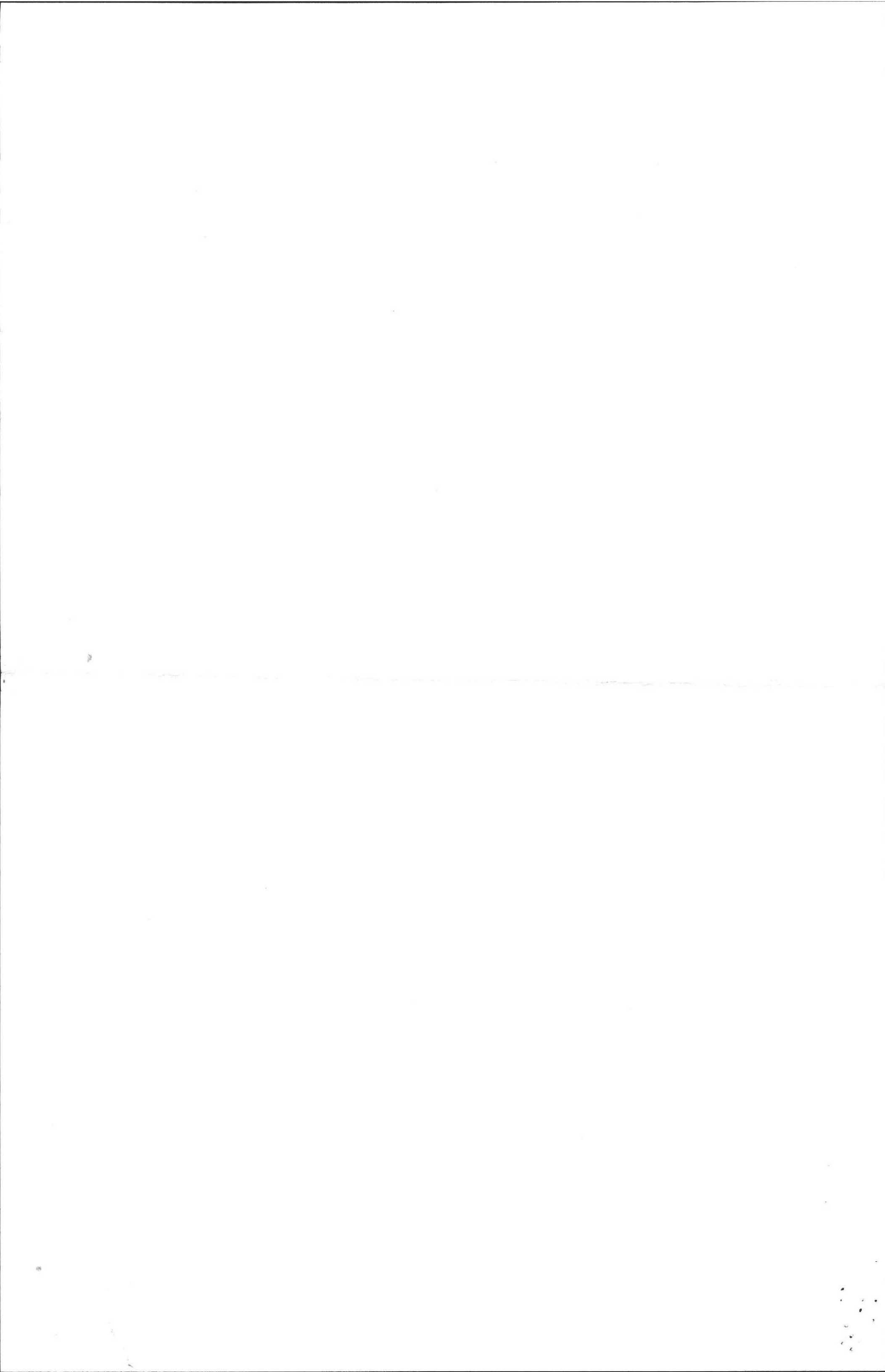
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JANUARY 9, 1995	PAGE TWO OF TWO



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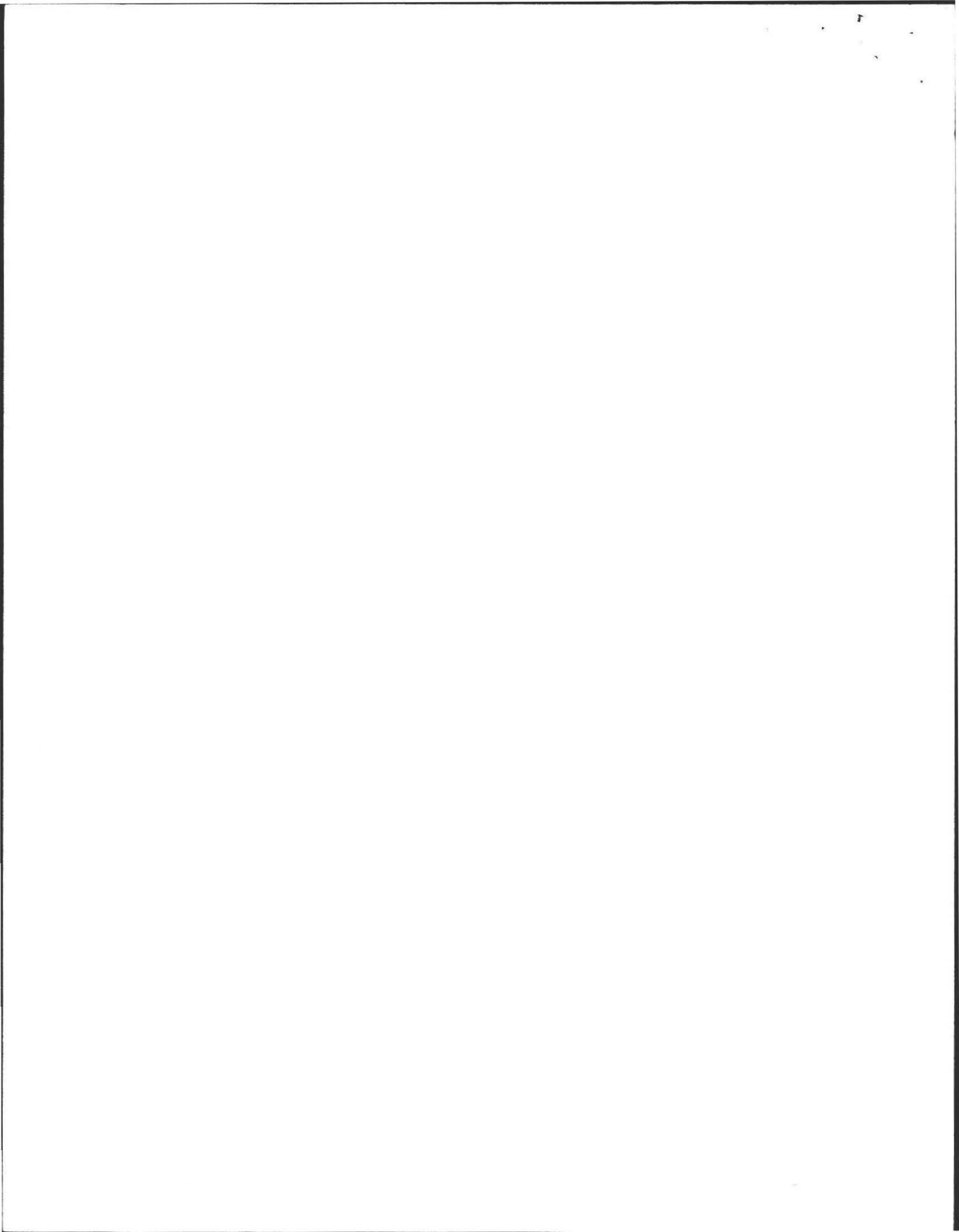
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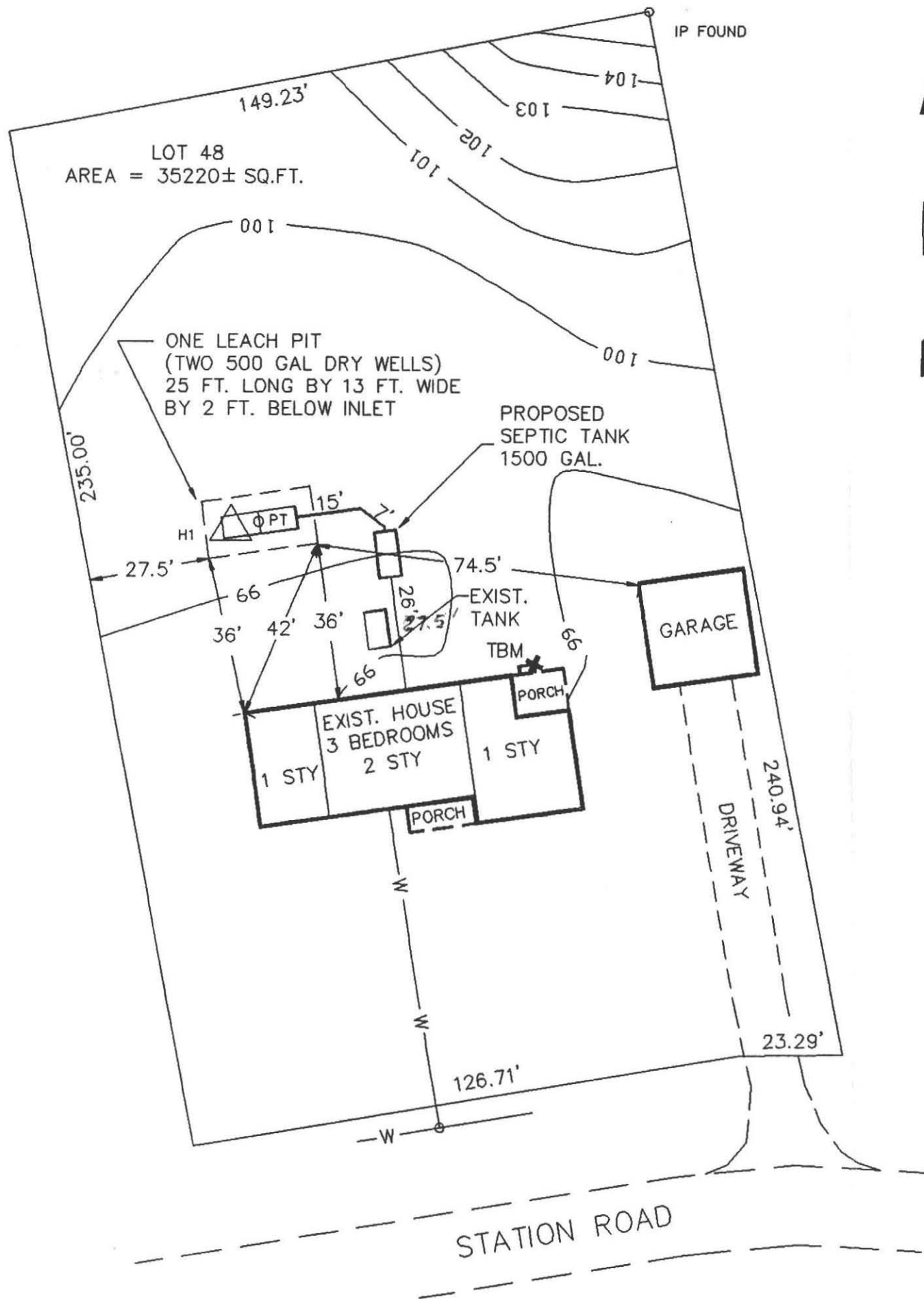
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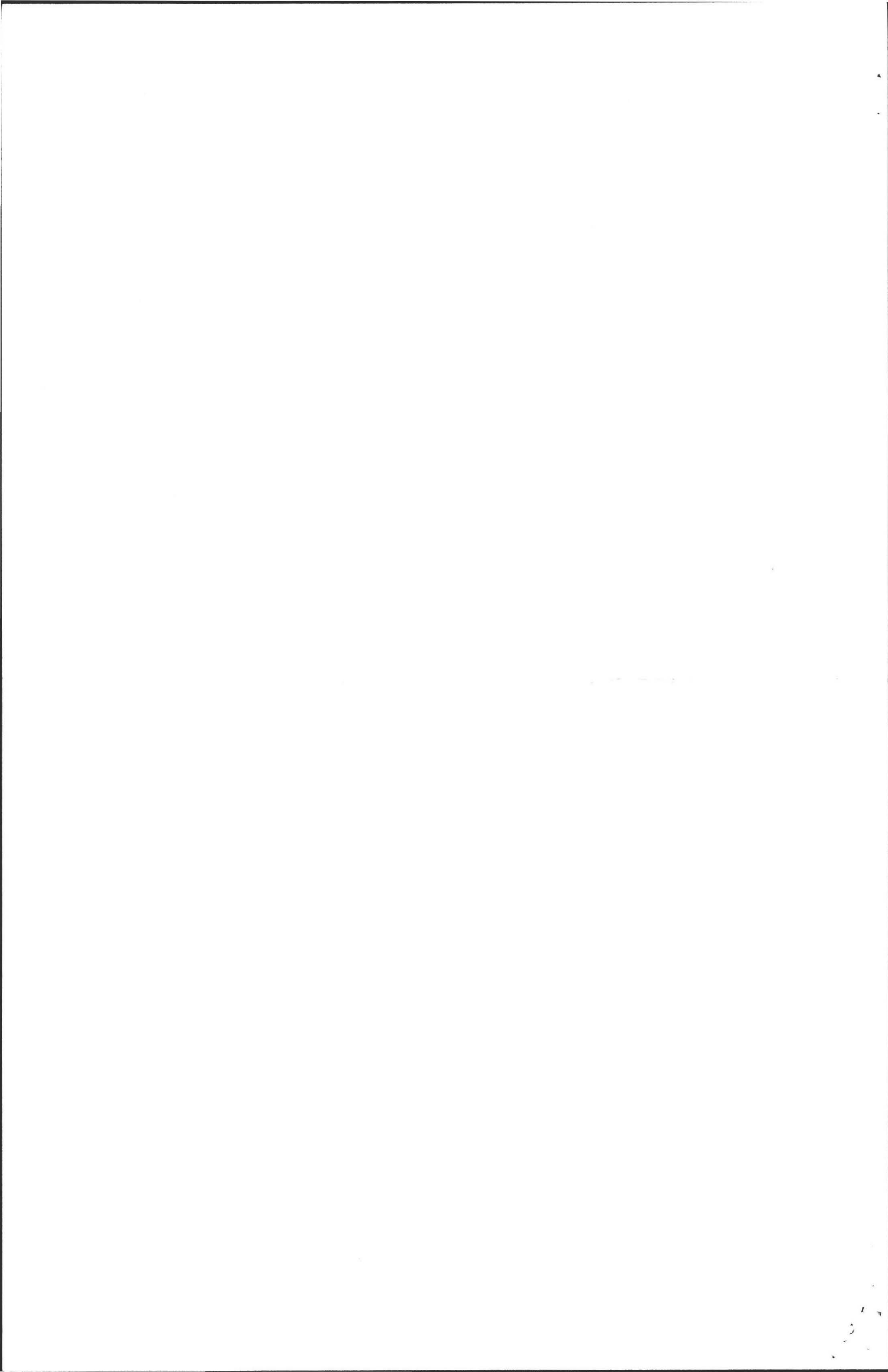


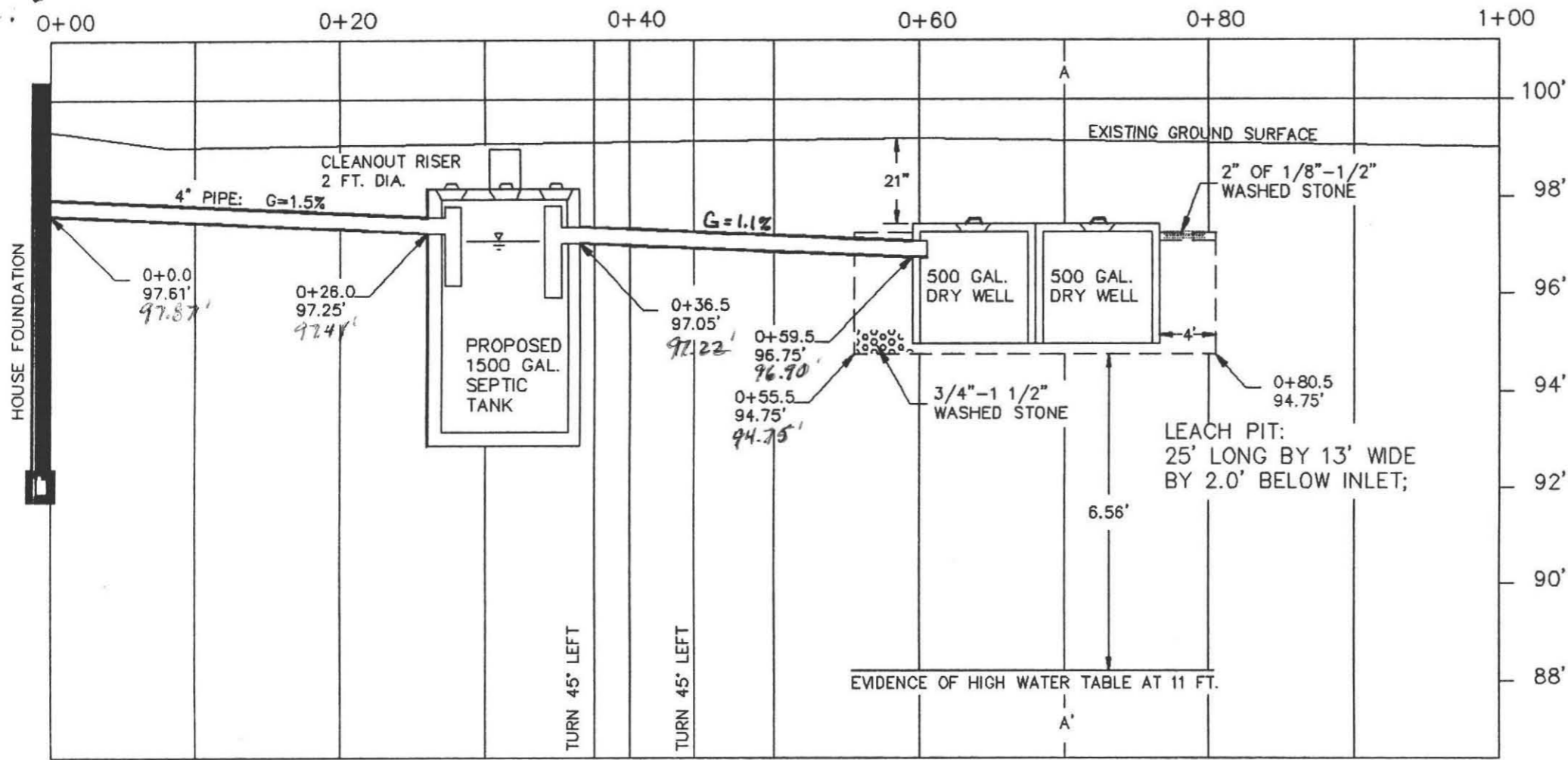
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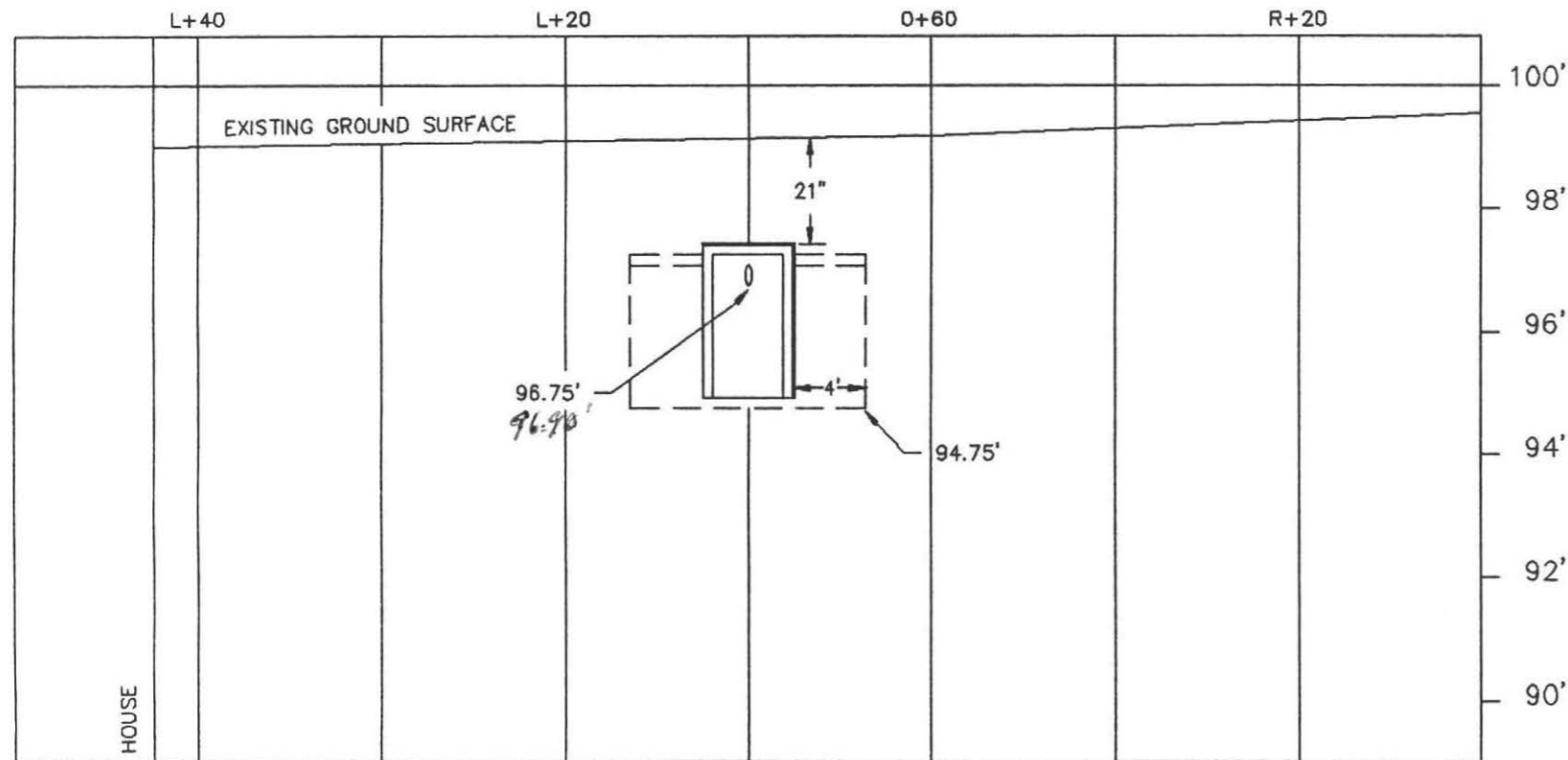
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