

#87 Woodlot Drive

No. 89-17

89-17 Reversed Sunbeam

549-1059 Bill

87 Woodlot

FEE 60.00 pd

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST MASS

Application for Disposal Works Construction Permit

CHECK OR FILL IN WHERE APPLICABLE

87

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

LOT 140 87 WOODLOT ROAD AMHERST MASS. Location - Address T & C GOOD ELF HILL ROAD AMHERST MASS or Lot No. R ROBERTS Hemmingway Rd Amherst, MASS Owner Address

Type of Building 4 Bedroom Dwelling - No. of Bedrooms Expansion Attic (-) Garbage Grinder (485) Other - Type of Building Resident No. of persons 8 Showers (2) - Cafeteria (-) Other fixtures 2 1/2 BATH FULL BMT WITH DRAINS Design Flow 110 gallons per person per day. Total daily flow 10 x 9 x 125 x 150 825 Septic Tank - Liquid capacity 1500 gallons Length 10'6" Width 5'0" Diameter Depth 5'0" Disposal Trench - No. Width Total Length Total leaching area sq. ft. Seepage Pit No. 1 Diameter 18x13 Depth below inlet 48" Total leaching area sq. ft. Other Distribution box () Dosing tank () BOTTOM 23 FT 5120 248 FT 2 Percolation Test Results Performed by F. A. FIELDS Date 4/25/89 Test Pit No. 1 2.0 minutes per inch Depth of Test Pit 10.9 Depth to ground water BWA Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil TPI-1 0-18 TOPSOIL 18-26 SUBSOIL 26-52 COMPACT SILT 52-84 SLIGHTLY COMPACT SILT 84-149 FINE SAND NO H2O TPI-2 0-18 TOPSOIL 18-26 SUBSOIL 26-96 96-149 FINE SAND NO H2O Nature of Repairs or Alterations - Answer when applicable COMPACT SILT 96-149 FINE SAND NO H2O

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: William E. Peamety Oct 23, 89 Date

Application Approved By: Application Disapproved for the following reasons:

Permit No. 89-17 Issued 10/24/89 Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF Amherst

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired () by Richard Roberts Installer at Lot 140 Woodlot Road 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. 89-17 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

Town OF Amherst

No. 89-17 FEE 60.00

Disposal Works Construction Permit

Permission is hereby granted Richard Roberts to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 140 Woodlot Road as shown on the application for Disposal Works Construction Permit No. 89-17 Dated 10/24/89

DATE 10-24-89 Board of Health

No. 89-17

FEE 60⁰⁰ PV.

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST MASS

Application for Disposal Works Construction Permit

CHECK OR FILL IN WHERE APPLICABLE



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

Location - Address 140 WOOD LOT ROAD AMHERST MASS.

Owner R. ROBERTS Hemmingway Rd Amherst, MASS

Installer 2 Bedroom 7000 Sq. Ft.

Type of Building Dwelling - No. of Bedrooms Expansion Attic (-) Garbage Grinder (485)

Other - Type of Building 2 1/2 BATH FULL BMT WITH DRAINS SHOWERS (2) - Cafeteria (-)

Design Flow 110 gallons per person per day. Total daily flow 110 x 9 x 125 = 125825 gallons.

Septic Tank - Liquid capacity 1500 gallons Length 10'0" Width 5'0" Diameter 5'0" Depth 5'0"

Disposal Trench - No. 1 Diameter 18" x 13" Depth below inlet 9'3" Total leaching area sq. ft.

Seepage Pit No. 1 Diameter 18" x 13" Depth below inlet 9'3" Total leaching area sq. ft.

Other Distribution box () Dosing tank () BOTTOM 238 FFE 510' 290 F12

Percolation Test Results Performed by F. A. FINOS Date 4/25/89

Test Pit No. 1 2.0 minutes per inch Depth of Test Pit 10'9" Depth to ground water BWA

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

Description of Soil TPI-1 0-18 TOPSOIL 18-26 SUBSOIL 26-52 COMPACT SILT 52-54 SLIGHTLY COMPACT

Nature of Repairs or Alterations - Answer when applicable TPI-2 0-18 TOPSOIL 18-26 SUBSOIL 26-96 COMPACT SILT 96-149 FINE SAND NO H2O

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 X William E. Peanney Oct 23, 89

Application Approved By _____ Date _____

Application Disapproved for the following reasons: _____ Date _____

Permit No. 89-17

Issued 10/24/89 Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF Amherst

Certificate of Compliance

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

at Lot 140 Wood Lot Road

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. 89-17 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

TOWN OF Amherst

Disposal Works Construction Permit

Permission is hereby granted Richard Roberts to Construct (X) or Repair () an Individual Sewage Disposal System at No. Lot 140 Wood Lot Road

as shown on the application for Disposal Works Construction Permit No. 89-17 Dated 10/24/89

DATE 10-24-89 Board of Health

AMHERST HEALTH DEPARTMENT

TITLE V FEES

Owner: T+C Gould (Seldon)

Site: 140 Woodlot Drive

Percolation Test: Per Lot

_____ Date: _____

_____ Date: _____

_____ Date: _____

_____ Date: _____

_____ Date: _____

Disposal Works Construction Permit

Plan Review Pd. 60.00 Date 10/24/89

Final Inspection Date _____

Subsequent Plan Review

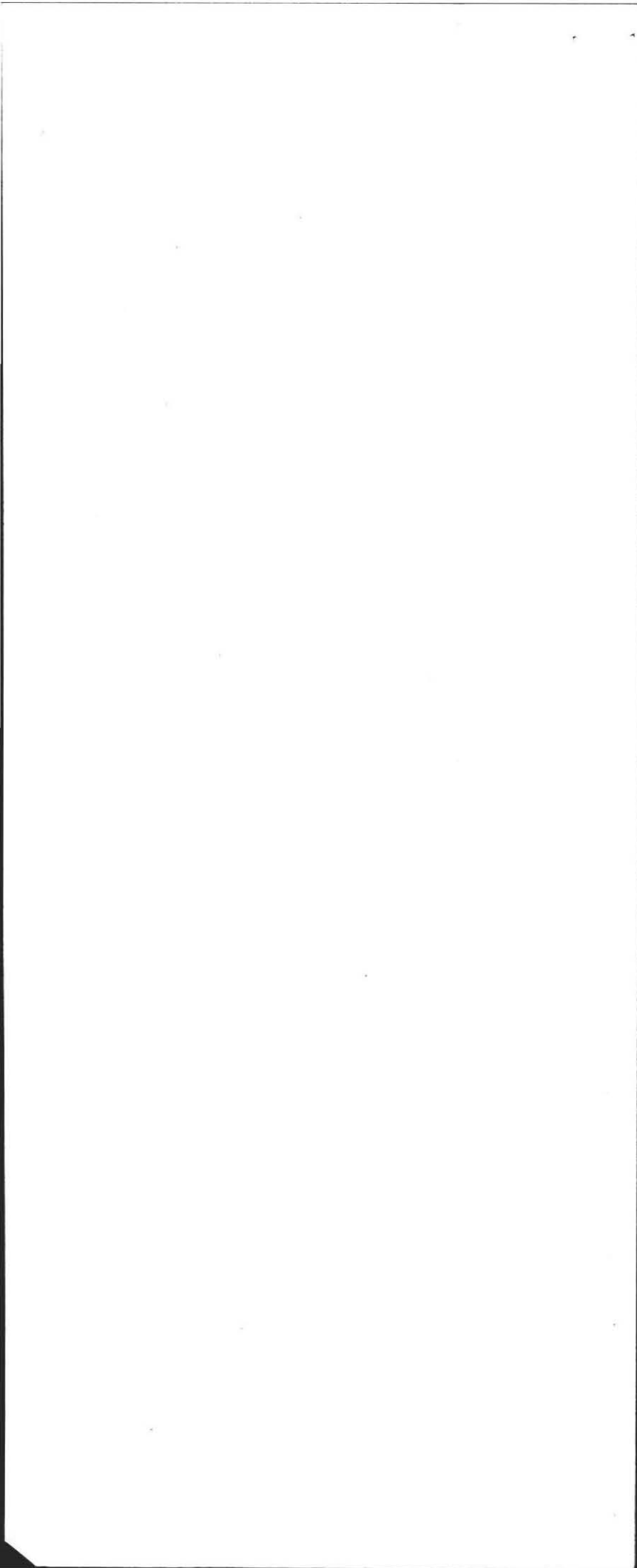
Revised
Plan
CU 011352
30.00
Sunbeam Custom
Homes Inc.
Date 5/8/90
Date _____
Date _____

Reinspection of Installation

Date _____

Date _____

Date _____



TOWN OF AMHERST

PERC TEST DATA SHEET

DATE April 25, 89 LOCATION Wood Lot Drive LOT SIZE Lot # 148

OWNER Clement Seldon ADDRESS Wood Lot Drive TELE # _____

P.E./RS Bill Tylor FIRM Filio's Eng. OBSERVED BY D. Zarnowski

BACK HOE OPERATOR Stoney's 367-2053 BENCH MARK _____

PERC DEPTH 104" PRE SOAK TIME _____ PERC DEPTH 115" PRE SOAK TIME _____

TEST CANT Hold CANT Hold

RATE (2) RATE (2)

#1

TOP 18"
SUB 26"
Compact Silt 52"
Slight Fine 9'
FINE Sand 14'
DRY

#2

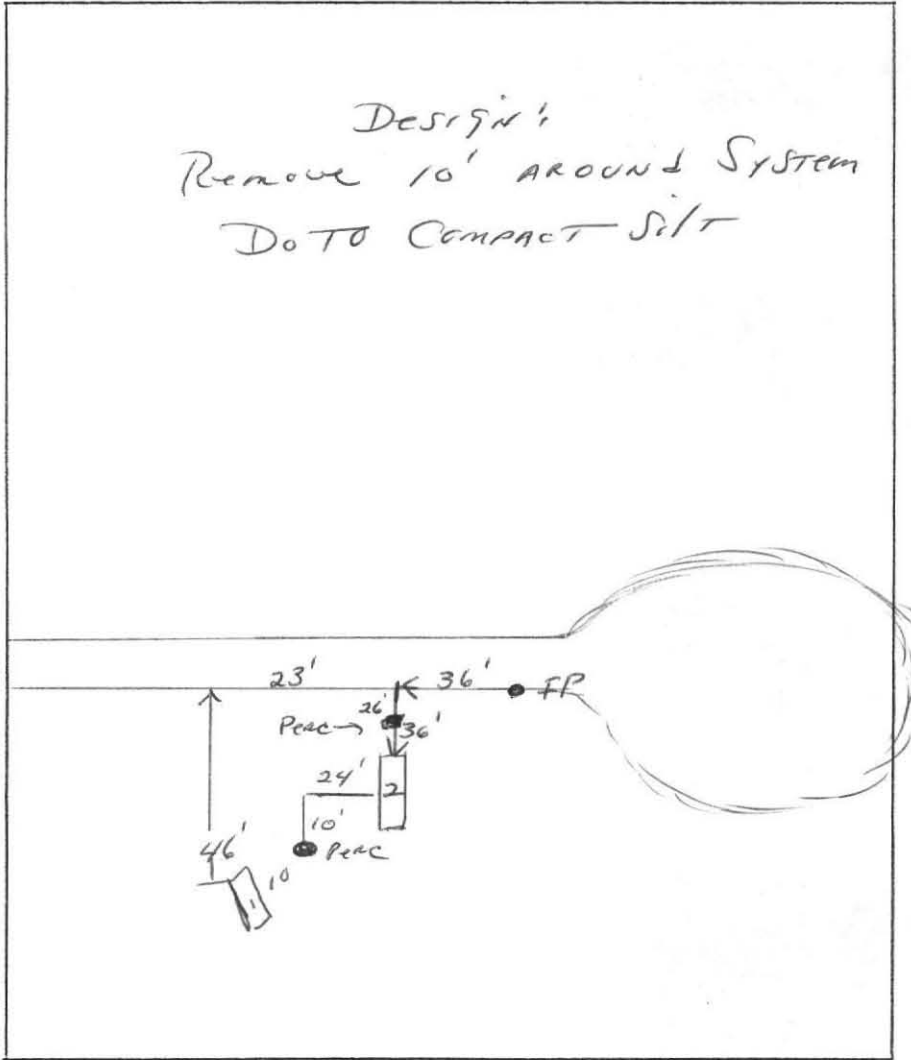
TOP 16"
SUB 26"
Compact Silt 8'
FINE Sand
DRY 14'

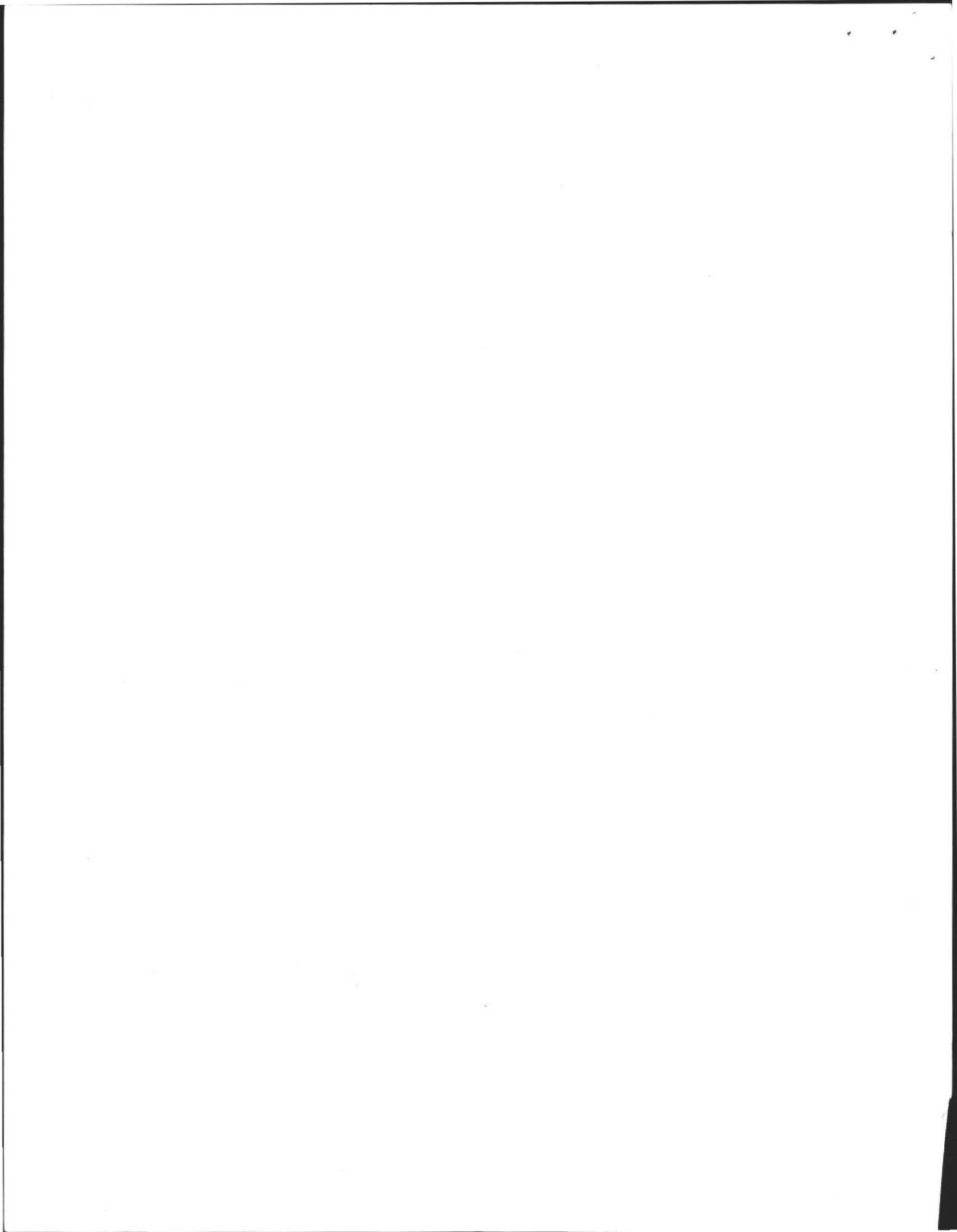
TOP
SUB

TOP
SUB

TOP
SUB

TOP
SUB

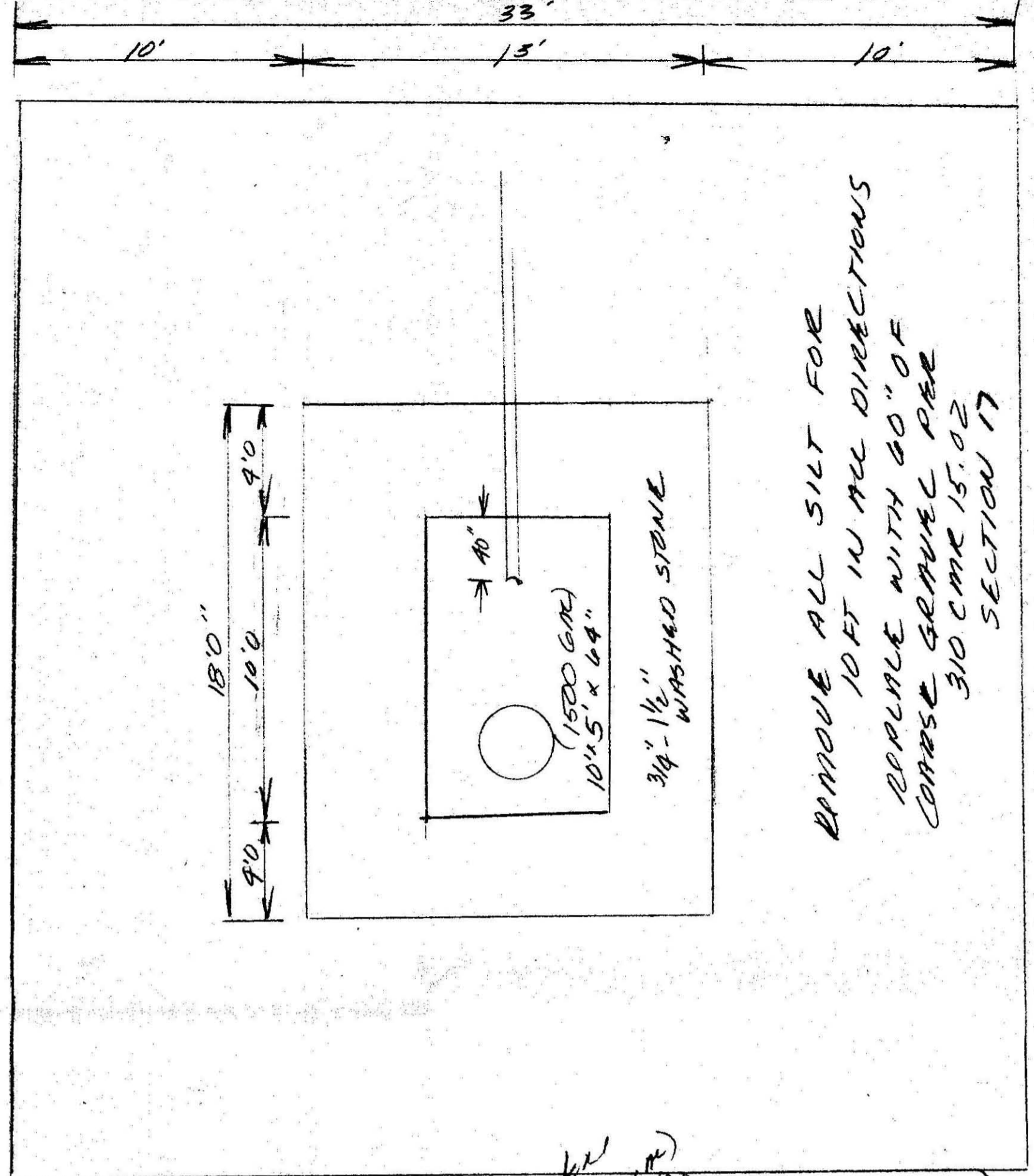
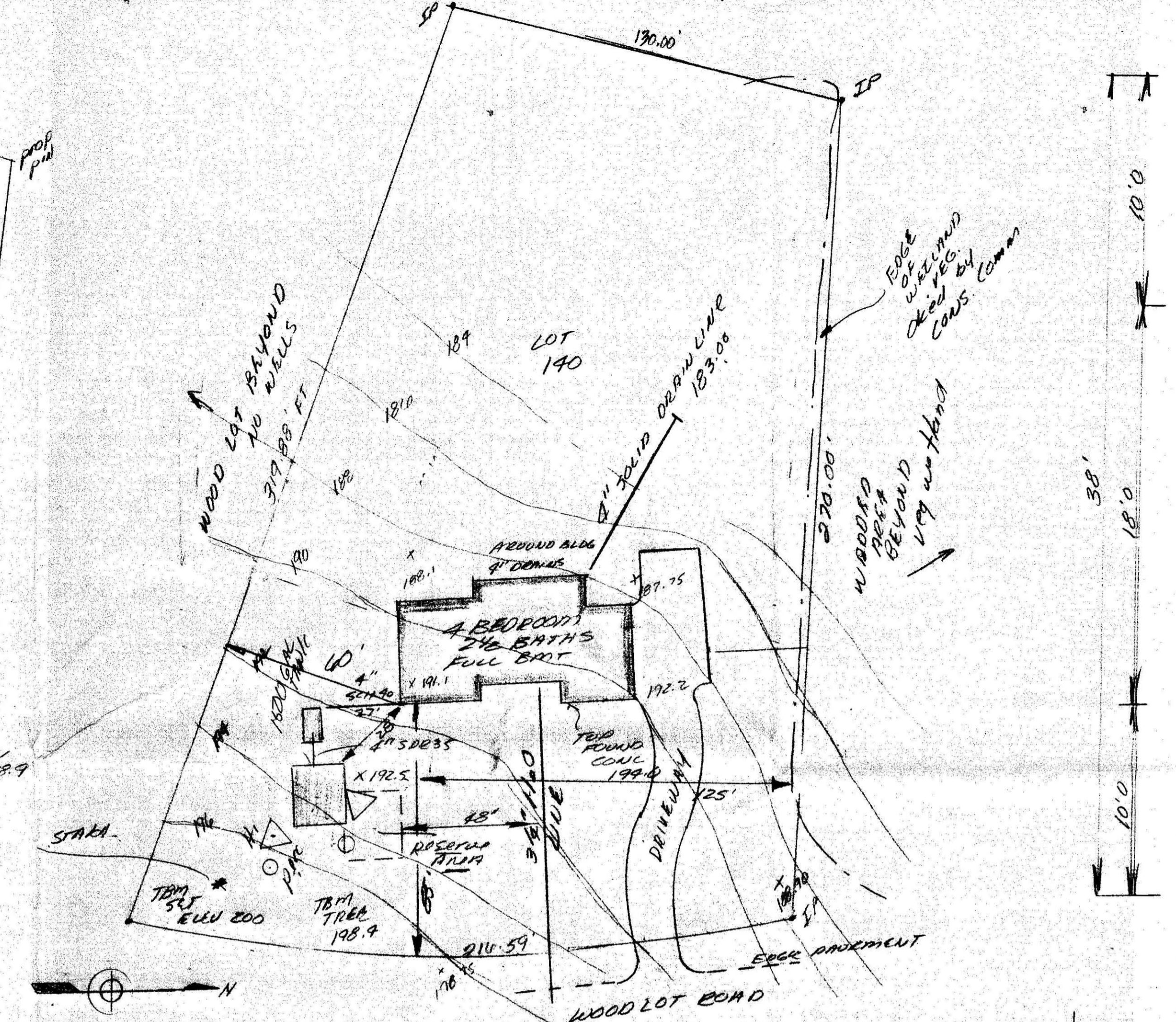




PERCOLATION TEST INFORMATION

TEST PIT	TEST PIT 1	TEST PIT 2
TOPSOIL	0-18"	0-10"
SUBSOIL	18-26"	10-26"
COMPACT SILT	26-52"	26-96"
SLIGHTLY FIRM SILT	52-7'	
FINE SAND	7-12'	

DATE APRIL 25, 1989
 ENGR. FILIOS ENTERPRISES INC.
 F.A. FILIOS
 WITNESS D. ZAROZINSKI, Bd OF HEALTH
 LOCATION LOT 140 (CLEMENT SELDIN)
 WOODLOT ROAD
 AMHERST MASS
 PERMEABILITY RATE
 DEPTH 102"
 RATE 2.0 MIN/INCH



REMOVE ALL SILT FOR 10 FT IN ALL DIRECTIONS
 REPLACE WITH 60\"/>

DESIGN INFORMATION
 ALL CONSTRUCTION TO BE IN ACCORDANCE WITH 310 CMR 15.02 AND LOCAL BOARD OF HEALTH REGULATIONS

FINISH GRADING AND EXISTING TERRACE TO REMAIN SIMILAR. ALL DISTURBED AREAS TO BE LOANED AND SEEDED

DESIGN CRITERIA
 USE: SINGLE FAMILY RESIDENTIAL STRUCTURE
 4 BEDROOM
 FOUNDATION CHAMBERS
 2 1/2 BATH ROOMS
 WITH DISPOSAL

DESIGN FLOW 310 CMR 15.02
 4 BR/ROOM x 4 = 160 GPM/DAY
 AMHERST REGULATIONS
 160 GPM / 125% = 200 GPM
 WITH DISPOSAL
 200 x 150% = 300 GPM

SEPTIC TANK 310 CMR 15.02 WITH DISPOSAL
 300 GPM x 200 = 100 GPM
 MINIMUM TANK CAPACITY WITH DISPOSAL
 1500 GALS
 10'0\"/>

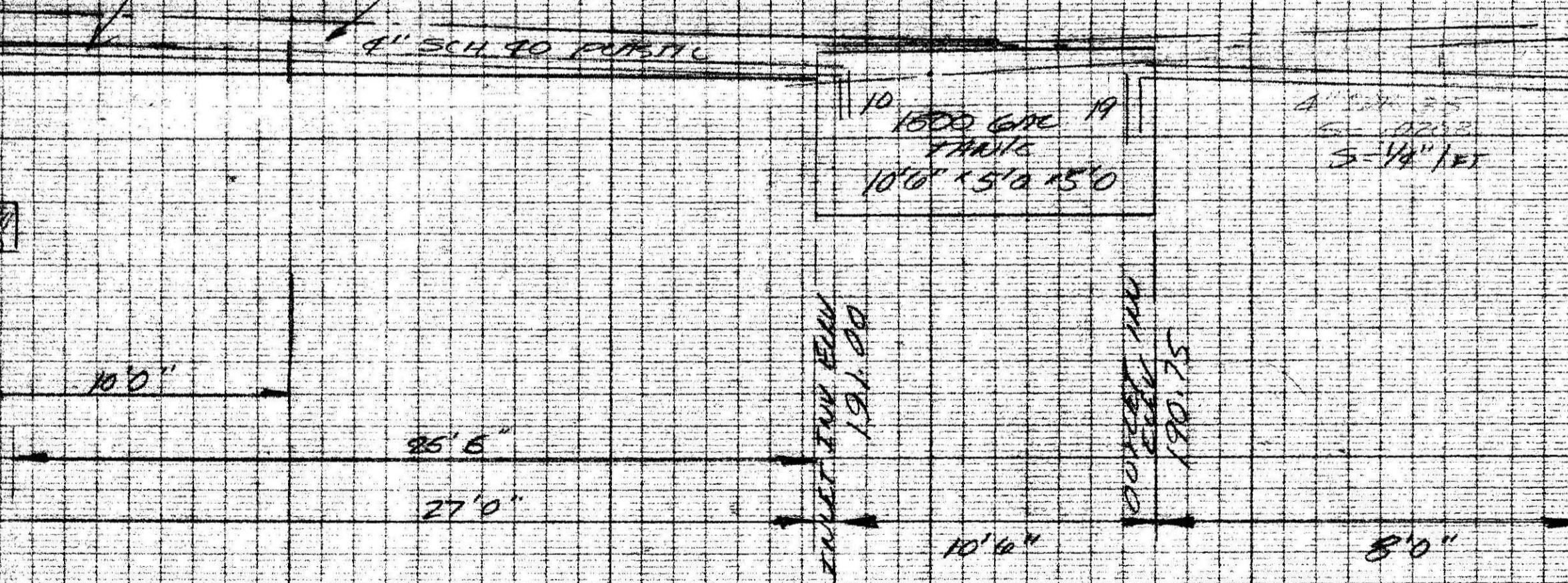
CONCRETE SYSTEM
 310 CMR 15.02
 USE 1500 GAL W/CHAMBER CHAMBER WITH 9 FT OF STAIR ALL SIDES
 EFFECTIVE WIDTH 13'0\"/>

BOTTOM AREA 13'0\"/>
 SIDEWALL AREA 13' x 48' x 2 + 18' x 12' x 2 = 248 FT²
 TOTAL PERIM 248 x 2.5 + 239 x 1.0 = 854 GAL/DAY
 MEETS CODE REGULATIONS

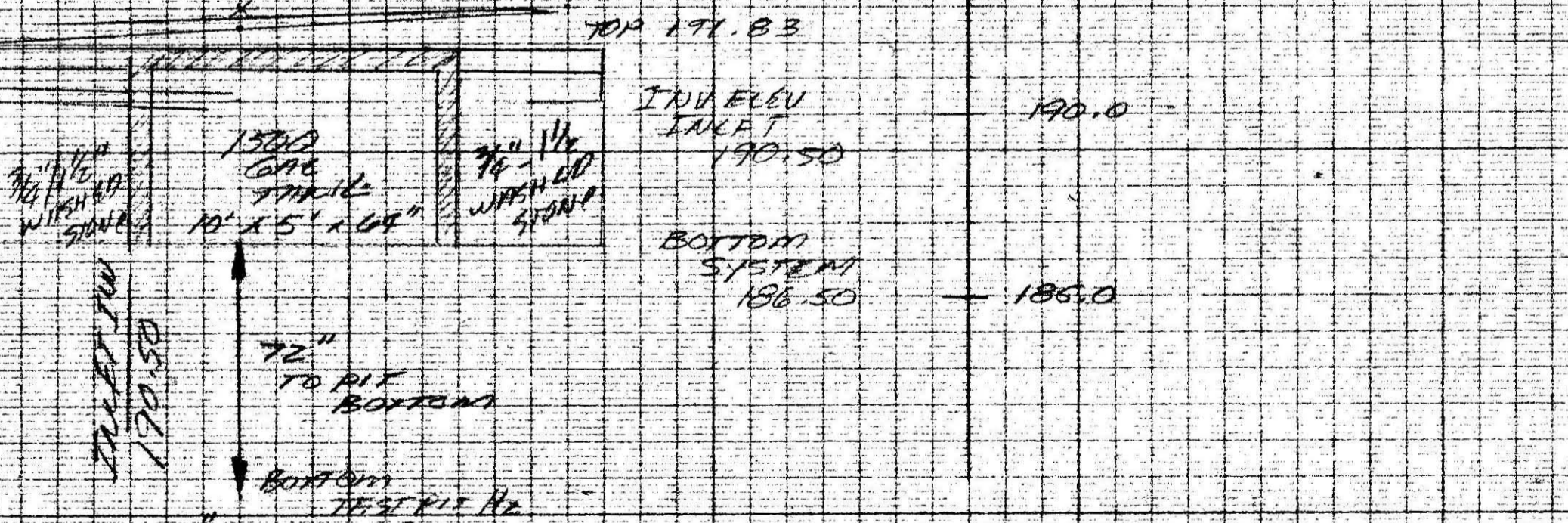
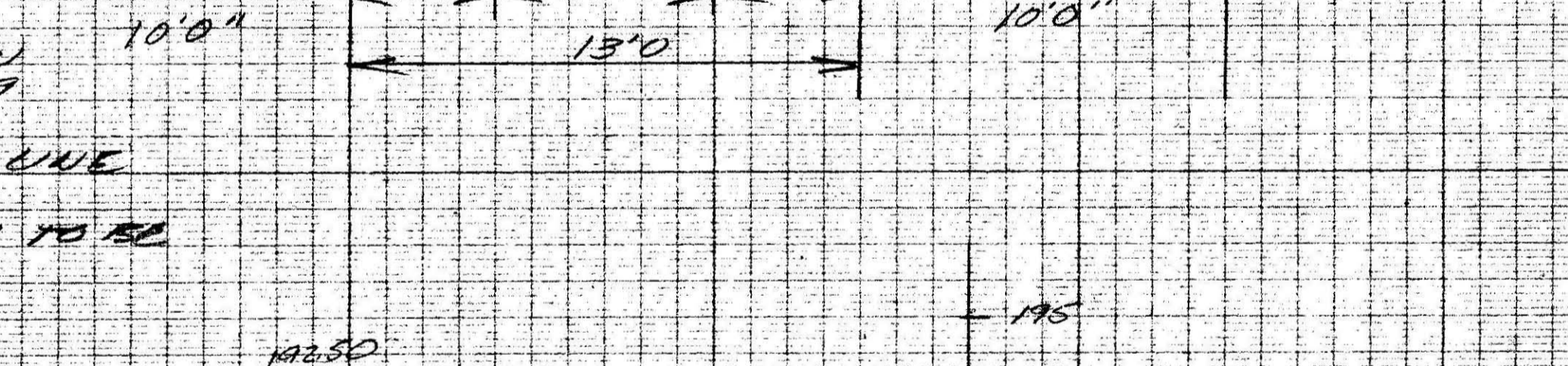
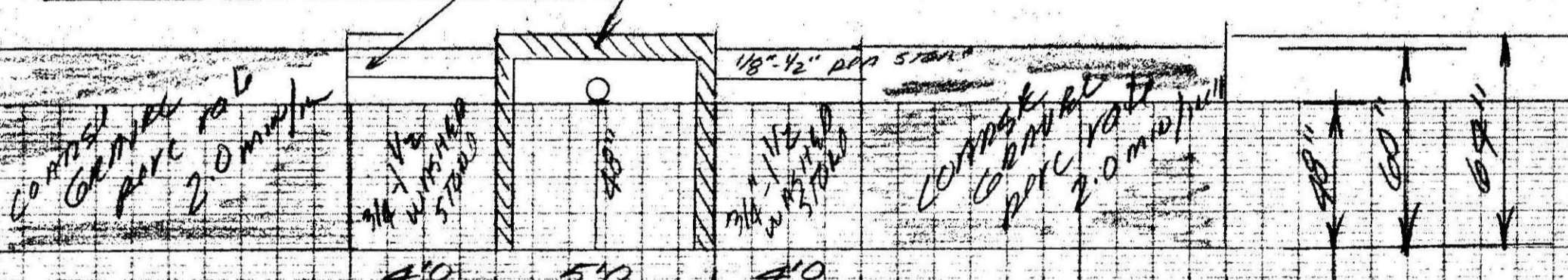
TRM SET BY PROPR. PIN
 ELEV 200.00

SEPTIC SYSTEM DESIGN
 ALONG CENTER LINE OF PIPE
 SCALE 1\"/>

- INSTALLATION NOTES
1. SEPTIC TANK TO HAVE INLET AND OUTLET TEES IN ACCORDANCE WITH 310 CMR 15.02 SECTION 8.9
 2. INLET TEE TO BE IN CENTER OF TANK FRONT LINE
 3. ALL PIPE JOINTS WITH TANK AND CHAMBER TO BE MORTAR OR ASPHALT CASSETT SEALED
 4. SEPTIC TANK AND CHAMBER TO BE SET LEVEL ON COMPACT MATERIAL



SCOUR OFFSET CALCULATION OF TANK FRONT LINE
 310 CMR 15.03
 REQUIRED 150 FT 4.65' = 9.3 FT REQ'D
 AVAILABLE AT BRAM DUT ELEVATION 191.08
 AVAILABLE 43 FT
 Exceeds code requirements



SEPTIC SYSTEM DESIGN
 LOT 140
 WOODLOT ROAD
 AMHERST, MASS
 J. & C. GOULD
 EDGE W/STREET TO DATE OCT 19, 1989

