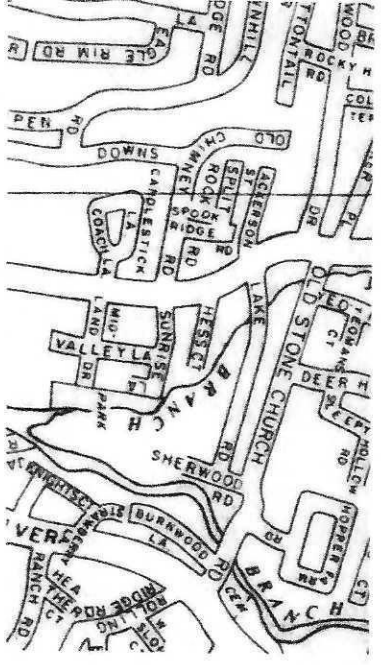




ION MAP

ROOF DOWNSPOUTS MUST NOT ENCROACH ON SEPTIC SYSTEM

PRESSURE USED DISPOSAL FIELD

AREA REQUIRED: per N.J.A.C. 7:9A-10.2(d)
Min. area = 1.33 S.F. per g.p.d.
= 1.33 x 650 g.p.d. = 865 S.F.

PLUS SAFETY FACTOR OF 20%
AREA PROVIDED = 23' x 45' = 1035 S.F.

UMP SIZE: Zoeller Model D188
1 1/2" H.B., 74 Ft. T.D.H. @ 136 G.P.M.
1 1/2" Discharge to 3" Delivery Pipe

There is no guarantee as to the ultimate service life of this Alteration.

THESE PLANS SUBMITTED ON: 2/26/93
ARE ACCEPTED FOR PRELIMINARY APPROVAL
FINAL APPROVAL TO BE GIVEN FOLLOWING FINAL
INSPECTION AND SUBMITTAL OF AS-BUILT PLANS.

John H. Smith
INSPECTOR

SEPTIC SYSTEM
PLOT PLAN

FOR

DENIKE RESIDENCE
18 RISING RIDGE RD., UPPER SADDLE RIVER, N.J.

PREPARED BY

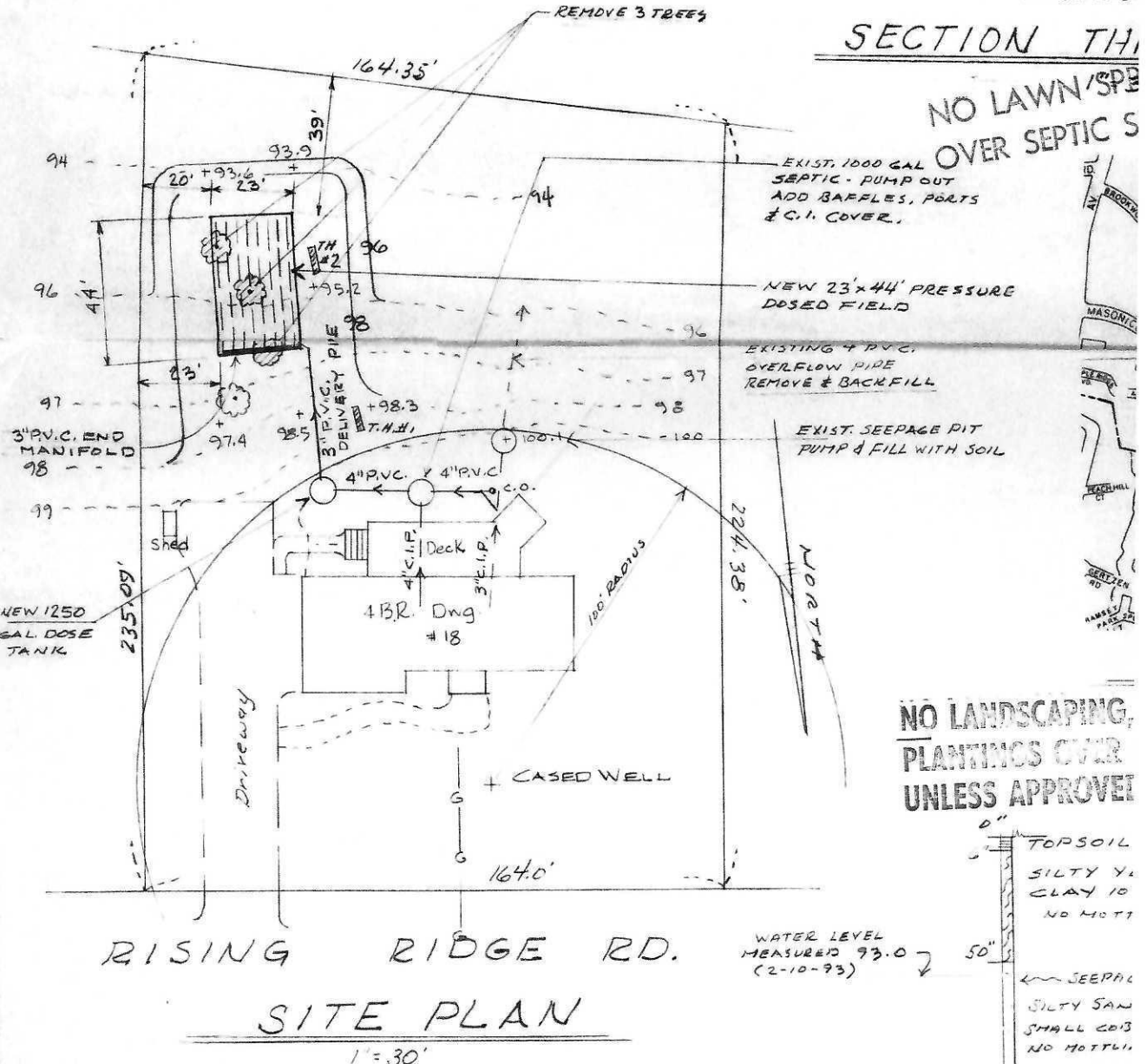
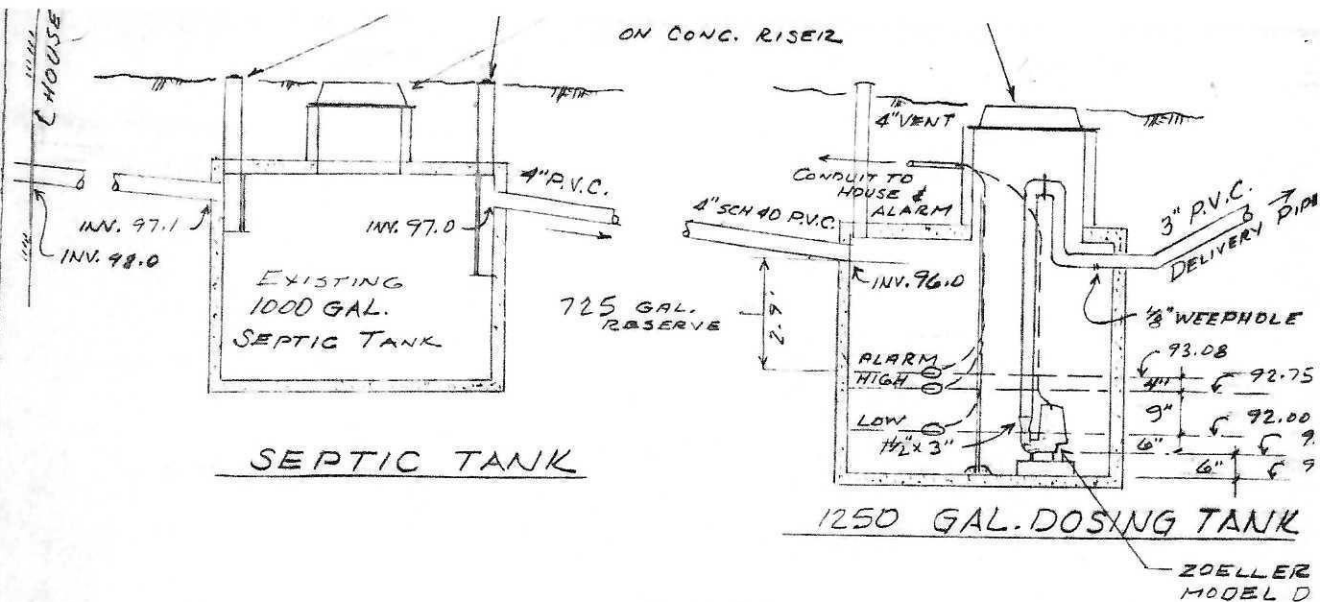
MICHAEL B. McNALLY, P.E. & L.S.
3 APACHE DR., OAKLAND, N.J.
387-9051

SCALES: As Noted DATE: 02.11-93

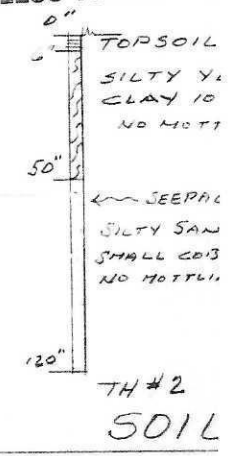
TH #1
Michael B. McNally
3. McNally, P.E. & L.S. #16032

YELLOW SILTY
CLAY
10 YR 6/6
SEEPAGE @ 85"
SILTY SAND SOME
SMALL COBBLES
NO MOTTLING

MISC FILL, ROCKS
STUMPS.



**NO LANDSCAPING,
PLANTINGS OVER
UNLESS APPROVED**



Northwest Bergen Regional Health Commission

For Upper Saddle River

SEWAGE DISPOSAL AND/OR INSPECTION PERMIT

Date 05-13-93

8770

INDIVIDUAL SEWAGE DISPOSAL SYSTEM				SERVICE	
x		Fee	Inspected	x	Fee
X	New	\$200.00			Visual Insp. Property
	Repair				Well Water Test
	Cleaning				Written Report
	Percolation				Verbal Report
	Reinspection				

Installed 3/25/93
[Signature]

Application having been made by Ralph Antonelli

accompanied by a plan and specification of the work to be done for Denike

18 Rising Ridge Road Block 103 Lot 4. Therefore, permission is hereby granted to do the said work outlined in said plans and the Sanitary Code of the said Board of Health.

NOTE: All deviation from the original plan must be submitted to the Regional Health Commission and accepted by it. No new, repair or alteration work to be covered until after inspection and approval.

NORTHWEST BERGEN REGIONAL HEALTH COMMISSION

Check # 4808

Cash

PERMIT IS NOT TRANSFERABLE

By John A. Galdi, Sanitarian

COUNTY/MUNICIPALITY BERGEN/UPPER SADDLE RIVER
18 RISING RIDGE RD.
 APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
 AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 4. General Design Data

1. ☒ Volume of Sanitary Sewage, gal 650 g.p.d.
☒ Residential: No. of Dwelling Units 1 Total No. of Bedrooms: 4
 Commercial/Institutional-Indicate type of establishment and show method of calculation. If estimate is based on water meter data, indicate source of data, frequency of readings, average daily flow, and maximum recorded daily reading _____
2. Alterations or Repairs
 - a) Reason for Alteration or Repair (Check appropriate categories):
 _____ Expansion or Change in Use _____ Upgrade Existing Facilities
☒ Correct Malfunctioning System _____ Other-Specify _____
 - b) Describe Nature of Alteration or Repairs: NEW PRESSURE DOSED FIELD
3. System Components:
 - a) Grease Trap Capacity, gals N/A
 Show Calculation Used: _____
 - b) Septic Tank Capacities, gals: 1000 First (Single) Compartment _____
 _____ Second Compartment _____ Third Compartment _____
 - c) Effluent Distribution
 Method: _____ Gravity Flow ~ _____ Gravity Dosing
☒ Pressure Dosing
 Dosing Device: 1 1/2 H.P. Pump _____ Siphon
 - d) Dosing Tank Capacities, gals: Total Capacity 1250 Dose Volume 185 gal.
 Reserve Capacity 725 gal.
 - e) Laterals: Number 8 Total Length 43' Pipe Size _____ Spacing 3'-0" C.C.
 - f) Connecting Pipe: Size 3" P.V.C. Length 44'
 - g) Manifold: Size 3" P.V.C. Length 23'
 - h) Disposal Field: Type of Installation MOUND SOIL REPL.
 Design Permeability (Percolation Rate) 6.1 in per hr.
 Trenches: Width _____ Total Length _____ Bed: Area 1035 S.F.
 - i) Seepage Pits: Design Percolation Rate N/A
 Number of Pits _____ Total Percolating Area Provided _____
4. Attachments (Check items included):
 - ☒ General Plan of System Showing Location of All System Components
 - ☒ X-Sections of Each System Component Including ~~Grease Trap~~, Septic Tank, Dosing Tank, Disposal Field, ~~Seepage Pits~~ and Interceptor ~~Drains~~
 - ☒ Pump Performance Curve
 - ☒ Other-Specify SOIL LOGS, PERMEABILITY TEST DATA
5. I hereby certify that the information furnished on Form 4 of this application (and attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Professional Engineer [Signature] Date 2-11-93

Name of Professional Engineer MICHAEL B. McNALLY License # 16032

MICHAEL B. McNALLY, P.E. & L.S.
 Engineering and Surveys
 3 Apache Drive
 OAKLAND, NEW JERSEY 07436
 (201) 337-9051