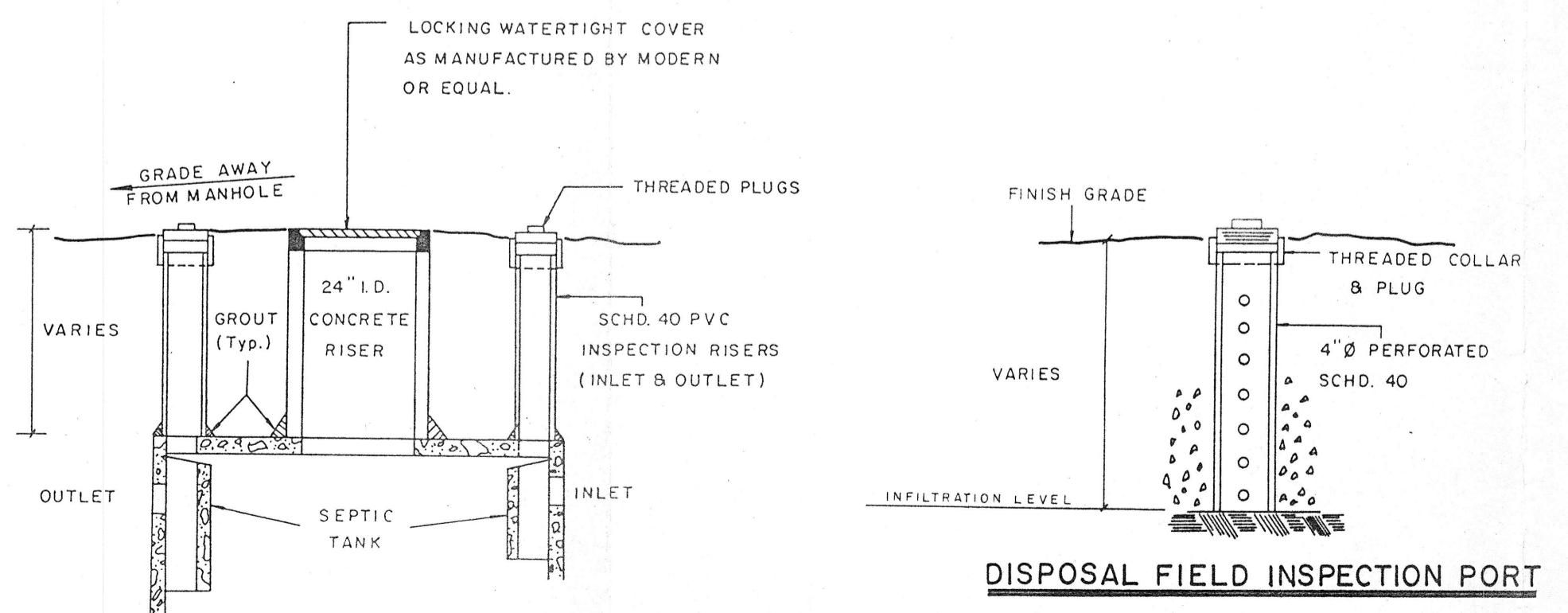
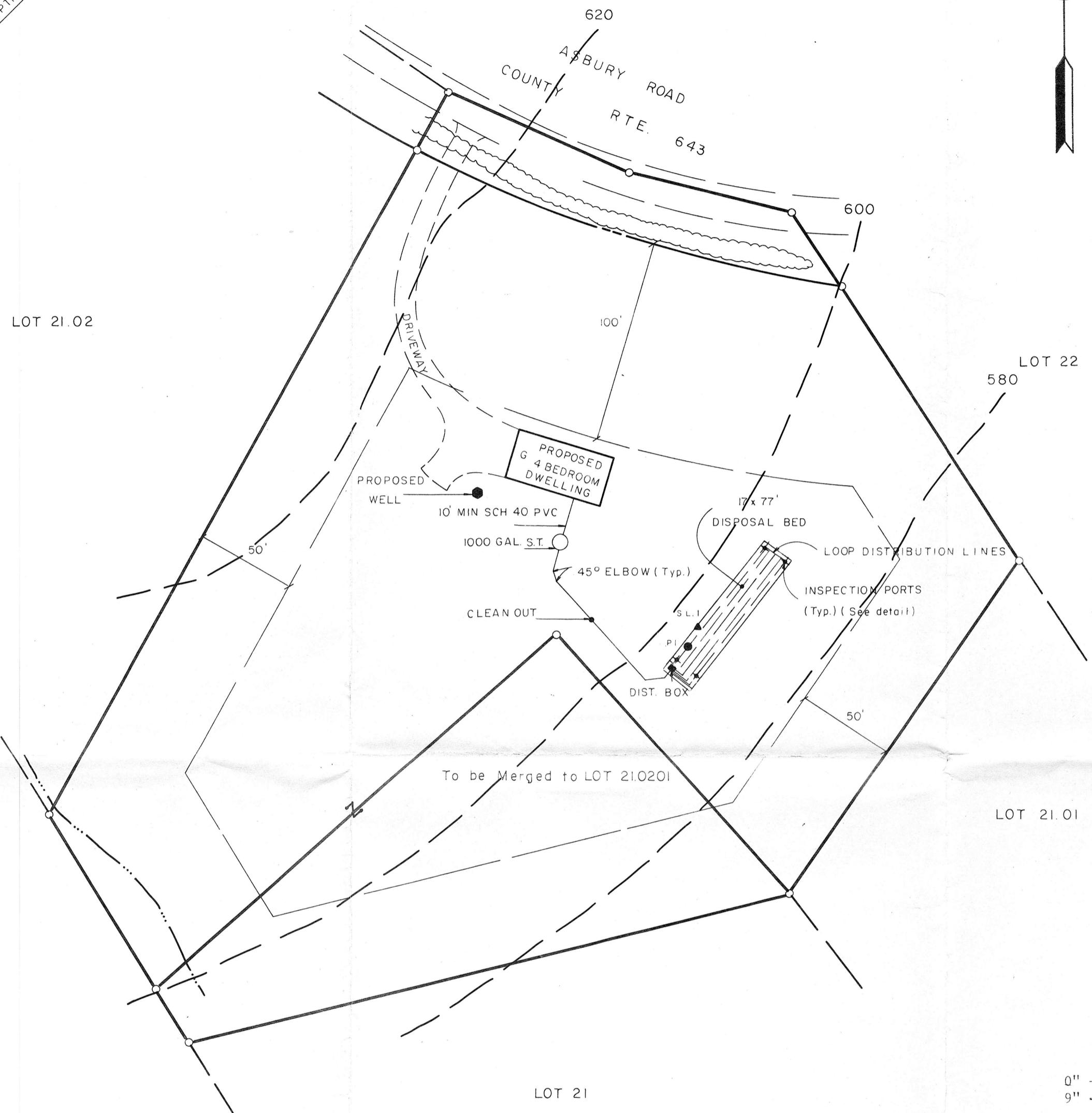


PROPOSED
ADJOINING
SEPTIC

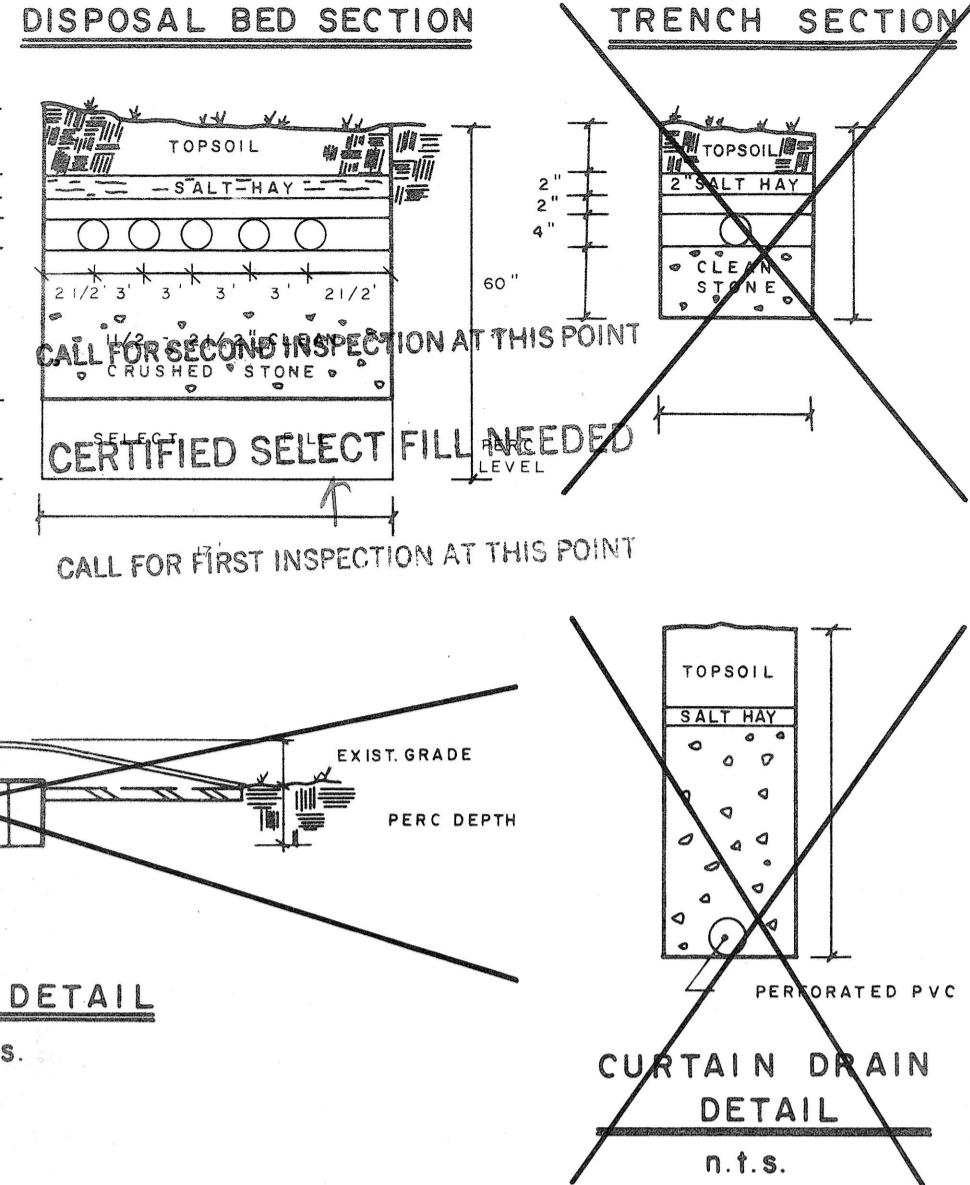


SEPTIC TANK RISER DETAILS
n.t.s.

DISPOSAL FIELD INSPECTION PORT
(See plan for locations)
+ DENOTES INSPECTION PORTS

DRAWN	J. H. K.	TRACED	B. S. Z.	CHECKED
5-16-90	REV. PER W.C.H.D.	J. H. K.	1" = 50'	JOB NO. 90-003

Date Revision Box Init.



DESIGN NOTES

1. Design is based on 4 Bedroom Dwelling
2. With a percolation rate of 15 minutes.
3. System is overdesigned 25 %
4. 1309 S.F. of percolation area is provided as per Chapter 199 P.L. 1954.

GENERAL NOTES

1. All piping to be 4" SCH #40 PVC with a minimum slope of $\frac{1}{4}$ " per foot. Piping within disposal area to be 4" perforated PVC with slope of 2" - 4" per 100 feet. 45° maximum bends. Water tight joints. Loop disposal bed distribution lines.
2. Septic disposal field is to be oriented along the contours, encompassing the passing percs and soil log.
3. Proposed well is to be a minimum of 100 feet from the disposal field and 50 feet minimum to the septic tank. These minimum distances apply not only to the lot in question, but also all adjacent lots.
4. Use a precast concrete distribution box - set level to distribute flow equally.
5. Area above disposal field shall be graded to divert surface water away from area.
6. If as-built septic systems are required, all elements of the system must be left uncovered until they can be accurately located. No location will be provided for elements of the system we cannot see.
7. Mound systems require inspection by the design engineer during construction. It is the responsibility of the contractor to notify this office prior to the start of construction and whenever a health department inspection is scheduled.
8. Distribution box shall be located within disposal bed.

Deep Soil Log #1
0" - 9" Topsoil
9" - 50" Red clay and slightly sandy clay
50" - 132" Sand and stone
No water; No mottling

Percolation Tests
Hole # Depth Rate
P1 60" 1" = 5 min.

This lot was created by minor subdivision and survey prepared under the direct supervision of Robert W. Lee P.L.S., Lic no. 11662.

RECEIVED JUN 18 1990 APPROVED JUN 20 1990

WARREN COUNTY HEALTH DEPT.

WARREN CO. HEALTH DEPT.

TAX MAP DATA

SHEET 9 BLOCK 45 LOT 2103

SEPTIC SYSTEM DESIGN for JOEL REGER in FRANKLIN TOWNSHIP, WARREN COUNTY 4-5-90

PREPARED BY JOHN H. KEARNEY, P.E. DATE 16345 N.J. LIC NO.

J.H. KEARNEY, CONSULTING ENGINEERS ROUTE 31 & ANDERSON RD., P.O. BOX 233 - HAMPTON, N.J. 08827

DRAWN	J. H. K.	TRACED	B. S. Z.	CHECKED
5-16-90	REV. PER W.C.H.D.	J. H. K.	1" = 50'	JOB NO. 90-003
SCALE	1" = 50'	JOB NO.	90-003	MAP NO. S-1531