

DESIGN CRITERIA: (NO GRAVEL DISPOSAL)
 4.33 DIA X 1.06 WALL THICKNESS = 600 G.P.H.
 TRENCHES = 10' x 9' x 1.0' TRENCHES
 BOT. 1120 S.F. x 0.33 = 369.6 GAL.
 SIDE 592 S.F. x 0.50 = 296.0 GAL.
 1712 S.F. 665.6 GAL.
 PROVIDED

SEPTIC TANK Gals = 1500 GAL.
 DIST BOX No. outlets = 7 1/2 AFFLUE

SITE PREPARATION NOTES:
 (Check if applicable)

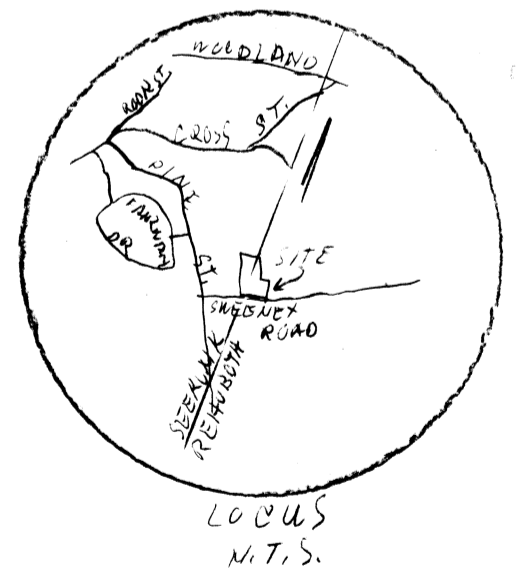
* Top, subsoil and other deleterious materials in, and within 25' ft. of the leach system are to be removed prior to construction and replaced by a clean sand or gravel fill free from clays, fines or other deleterious materials and having a perc rate of 2 M.P.I. (in original location) as per Sec. 2.17 of Title V.

✓ STRIP TO ELEV. 95.50 ± 25' ALL AROUND AND REPLACE WITH 2 M.P.I. MATERIAL TO ELEV. 93.25'

LEGEND:
 ■ PERCOLATION TEST
 ⊕ GROUND WATER TEST PIT
 -100- EXISTING CONTOUR
 -100- PROPOSED CONTOUR

CONSTRUCTION NOTES:

- ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE TITLE 5 RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS AS OF LATEST AMENDMENT 8 WITH THE REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
- THERE ARE NO KNOWN WELLS WITHIN 100' OF PROPOSED SEEPAGE FIELD; NO OTHER ISDS WERE FOUND WITHIN 100'; AND NO SUBDRAINS OR DRAINS WERE FOUND WITHIN 50' EXCEPT AS NOTED ON PLAN.
- THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND DIMENSIONS PRIOR TO STARTING WORK. HE SHALL NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE PLANS IN WRITING TEN (10) DAYS BEFORE BEGINNING WORK.
- MINIMUM DISTANCE FROM EDGE OF SEEPAGE FIELD TO PRESSURE WATER LINE = 10' AND 100' FOR SUCTION LINE.
- CARE SHALL BE TAKEN TO ASSURE THAT THE SOIL AT THE BOTTOM OF THE EXCAVATION IS NOT COMPACTED OR SMEARED.
- SUB-SURFACE DRAINS, FOUNDATION DRAINS AND STORM DRAINS SHALL BE 25' MINIMUM FROM SEPTIC TANK, 25' FROM SEEPAGE FIELD.
- TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (P.V.C.) SCHEDULE 40, UNLESS OTHERWISE NOTED.
- NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER 100% EXPANSION AREA.
- DROWN ENVIRONMENTAL SERVICES WILL NOT BE RESPONSIBLE FOR THE PERFORMANCE OF THIS SYSTEM UNLESS CONSTRUCTED AS SHOWN. ANY ALTERATIONS MUST BE APPROVED IN WRITING BY DROWN.



ELEVATIONS AND INVERTS	TEST PIT NO. / SOIL LOG	TEST PIT NO.	TEST PIT NO.	PERCOLATION TEST DATA
TOP OF FOUNDATION	106.58	8"	100	DATE OF TEST
FINISHED BASEMENT FLOOR	98.75	20"	100	4/30/86
INVERT OF PIPE AT FOUNDATION	103.90	SILTY SAND	100	PERC RATE 20 MIN/VIN.
INVERT AT SEPTIC TANK INLET	103.70	HARD CLAY	100	ELEV. OF BOTTOM OF PERC TEST HOLE N/R
INVERT AT SEPTIC TANK OUTLET	103.45	SAND AND GRAVEL WITH SILT	100	
INVERT AT DISTRIBUTION BOX INLET	103.42		100	
INVERT AT DISTRIBUTION BOX OULET	103.25		100	
INVERT AT END OF PIPES	102.76		100	
ELEVATION AT BOTTOM OF TRENCHES	101.15		100	



69-280

ASSESSOR'S MAP 26, 12758

PROPOSED SEWAGE DISPOSAL SYSTEM
 LOT 58, SWEENEY ROAD

APPLICANT WILLIAM CARDEN
 322 OAKHILL AVE.
 SEEKONK, MA 02771

SCALE 1"=30'
 DRAWN BY KSD
 REVISED

DATE 9/2/82
 APPROVED BY KSD
 JOB NUMBER 72-71A
 LOT 58

SURVEY TAKEN FROM PLAN BY E. OTIS DYER REHOBOTH, APRILS, 1972
 SURVEY AND TOPO TAKEN FROM PLAN BY GORDON WOLFE, SEEKONK, 1986

DROWN ENVIRONMENTAL SERVICES
 1612 252-6274
 P.O. BOX 263
 REHOBOTH, MASSACHUSETTS 02769