

DESIGN CRITERIA (NO GARBAGE DISPOSAL)
 3 BDRM. x 165 GAL/BED. = 495 G.P.D.
 2 - 25' L x 2' W x 1.5' D TRENCHES
 BOT. 100 S.F. x 1.0 = 100 GAL.
 SIDE 162 S.F. x 2.5 = 405 GAL.
 262 S.F. 505 GAL.
 PROVIDED

SEPTIC TANK Gals = 1500 GAL. NEW

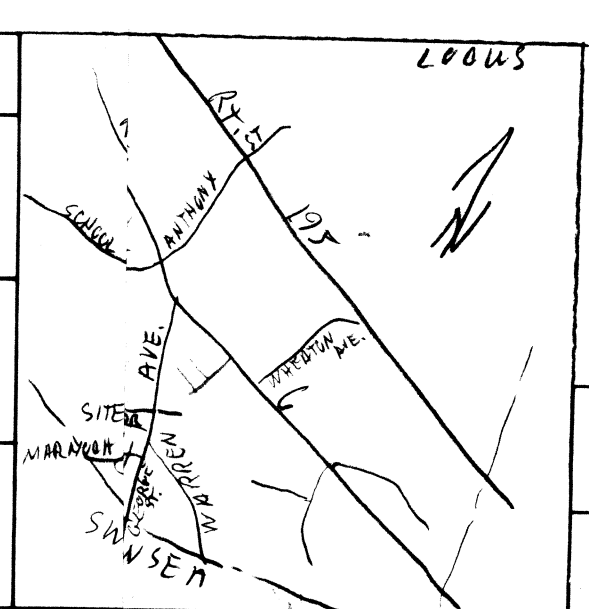
DIST BOX No. outlets = 5 W/RAFFLE

SITE PREPARATION NOTES:
 (Check if applicable)
 Top, subsoil and other deleterious materials in, and within 1' 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 247 of Title V.
 Other

LEGEND:
 [Symbol] PERCOLATION TEST
 [Symbol] GROUND WATER TEST PIT
 [Symbol] EXISTING CONTOUR
 [Symbol] PROPOSED CONTOUR
 [Symbol] WETLAND FLAGGED LINE
 [Symbol] HAYBALES

- 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 & 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 (PVC) 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.
 - TANK AND PLUMBING MAY HAVE TO BE RAISED.

ELEVATIONS AND INVERTS	TEST PIT NO. 1	TEST PIT NO.	TEST PIT NO.	PERCOLATION TEST DATA
TOP OF FOUNDATION	N/R	5' SOIL LOG	30.94	DATE OF TEST
FINISHED BASEMENT FLOOR	N/R	10' TO PT SUBSOIL	28.11	2/8/93
INVERT OF PIPE AT FOUNDATION	SEE NOTE #10	CLEAN		PERCOLATION RATE
INVERT AT SEPTIC TANK INLET	29.07	MEDIUM		2 MIN/VIN
INVERT AT SEPTIC TANK OUTLET	28.87	SAND		ELEV. OF BOTTOM OF PERC TEST HOLE
INVERT AT DISTRIBUTION BOX INLET	28.42			26.08
INVERT AT DISTRIBUTION BOX OUTLET	28.37			
INVERT AT END OF PIPES	28.20			
ELEVATION AT BOTTOM OF TRENCHES	26.50			



SEAL:
 COMMONWEALTH OF MASSACHUSETTS
 KARL S. DROWN
 No. 946
 REGISTERED SANITARY ENGINEER

REPAIR
 69-294

PROPOSED SEWAGE DISPOSAL SYSTEM
 89 MARNOCH DRIVE

DROWN ENVIRONMENTAL SERVICES
 (617) 282-6274
 PO BOX 263
 REHOBOTH, MASSACHUSETTS 02769

DATE: 5/1/93
 DRAWN BY: KSD

DATE: 6/1/93
 CHECKED BY: KSD

DATE: 7/3-16R
 55