

**PERCOLATION TESTS 11-28-78**  
 TEST SHOWED 6 MIN/INCH AT 36" DEEP  
 TEST SHOWED 6 MIN/INCH AT 48" DEEP  
 SOIL DATA U.S.D.A. S.C.S. CLASSIFIES THIS SOIL AS:  
 NO. 470 CANTON VERY STONY  
 SANDY LOAM 15% TO 24 PERCENT SILT  
 SUPPLIER: SEPTIC TANK & DISTRIBUTION BOX ARE TO BE SUPPLIED BY BATES & CO., CONCORD, N.H., MERRIMACK CONCRETE PRODUCTS INC., MERRIMACK, N.H. OR EQUAL.

**TEST PITS 11-6-78**  
 31" FOREST LOAM TOPSOIL  
 0" BROWN SANDY LOAM SUBSOIL  
 24" BROWN GRAVELLY SAND

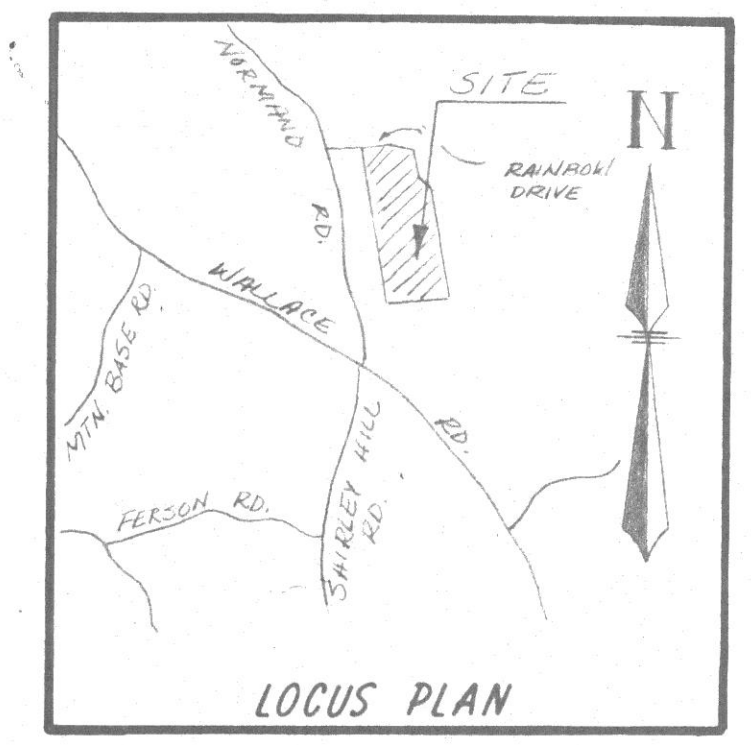
**LEGEND**  
 --- PROPERTY LINES  
 --- BUILDING SETBACK LIMITS  
 --- W --- WATER LINE  
 --- D --- DRAIN LINE  
 --- E --- EDGE OF PAVEMENT  
 --- M --- EDGE OF WETLAND  
 --- C --- CENTERLINE OF BROOK  
 --- R --- CENTERLINE OF SEASONAL RUNOFF  
 --- W --- EDGE OF WOODS  
 --- F --- FENCELINE & STONEWALL  
 --- P --- PERFORATED PIPE  
 --- S --- SEPTIC TANK, D-BOX & WELL  
 --- E --- EXISTING CONTOUR  
 --- S --- SPOT ELEVATION  
 --- P --- PROPOSED GRADE

**DESIGN DATA** THIS SYSTEM IS TO SUPPORT 4 BEDROOMS. 4 BEDROOMS AT 6 MIN/INCH = 909 SQ. FT. OF LEACHING AREA REQUIRED. 1000 GAL. CONCRETE SEPTIC TANK PROVIDED. TEST DATA INDICATES LEACHAGE OR HARDPAN AT 1 FT. DEEP & S.H.W. AT 1 FT. DEEP DUE TO (EDGE) (HARDPAN) (S.H.W.) BED ELEVATION IS TO BE 1 FT. ABOVE (BELOW) THE HIGHEST EXISTING GRADE WITHIN PROPOSED LEACHFIELD AREA. SEE DESIGN POINTS.

**NOTES** 1 THIS LOT (IS) (IS NOT) PART OF A SUBDIVISION S/D NAME BIRCH COURT - DEMENY I  
 N.H.W.S. & P.C.C. S/D APP NO. 13118 DATE 4/4/78 PREVIOUS IND. APP. NO. DATE  
 2 PROPERTY LINES SHOWN WERE DEVELOPED GRAPHICALLY AND ARE NOT THE RESULT OF A PRECISE SURVEY  
 3 A 4" CLEAN SAND FILTER IS TO BE CONSTRUCTED BELOW LEACHFIELD. SOIL SURFACE IS TO BE RAKED PRIOR TO PLACEMENT  
 4 THE FOLLOWING MINIMUM DISTANCES ARE REQUIRED BY THE N.H.W.S. & P.C.C. AND MAY BE SUPERSEDED BY TOWN REGULATIONS:  
 MIN. DIST. FROM LEACHFIELD TO: SURFACE WATER, OPEN DRAINAGE, CULVERT OPENING, PRIVATE WELLS, & RESERVOIR, ALL 75';  
 WATER LINE (SUCTION) 100'; WATER LINE (PRESSURE) 25'; TIGHT CULVERT, CATCH BASIN, SWIMMING POOL, FOUNDATION W/DRAINS, ALL 35'; TOP OF BANK, 20'; PROPERTY LINE, FOUNDATION W/O DRAINS, 10'.  
 MIN. DIST. FROM SEPTIC TANK TO: SURFACE WATER, OPEN DRAINAGE, PRIVATE WELLS, & RESERVOIR, ALL 75'; CULVERT OPENING, WATER LINES (SUCTION), 50'; CATCH BASIN 35'; TIGHT CULVERT, FOUNDATION WITH DRAINS, 25'; SWIMMING POOLS, 20'; WATER LINES (PRESSURE), PROPERTY LINES, 10'; FOUNDATION W/O DRAINS, TOP OF BANK, 5'.



**REVIEWED AND APPROVED**  
 IN ACCORDANCE WITH THE REQUIREMENTS OF THE  
 NEW HAMPSHIRE  
 WATER SUPPLY & POLLUTION  
 CONTROL COMMISSION  
 Signed: *Donna Morgan*  
 Date: 12-7-79



PROPOSED SANITARY SYSTEM FOR  
**101 REALTY INC.**  
 IN  
**GOFFSTOWN, N.H.**

SCALE: 1" = 20'  
 OWNER: 101 REALTY INC., 427 AMHERST ST. NASHUA, N.H. 03060 TEL. 887-7046  
 DATE: FEB 14 1979

**THOMAS F. MORAN INC.** surveyors civil engineers land planners  
 55 South River Road (Rt. 3) Bedford, N.H. 03102  
 13 Nashua Street Milford, N.H. 03055

RECEIVED  
 FEB 20 1979  
 WATER SUPPLY & POLLUTION CONTROL COMMISSION

GOFFSTOWN 85165