

LEACH BED REQUIREMENTS

PERCOLATION RATE: 1" PER 8 MINUTES @ 18"
 NUMBER OF BEDROOMS: 2 (TWO)
 HYDRAULIC LOADING: 150 GPD/BEDROOM = 300 GPD
 SYSTEM AREA REQUIRED: 500 Sq.Ft.
 SYSTEM AREA PROVIDED: 20' x 25' = 500 Sq.Ft.

DESIGN INTENT

THE INTENT OF THIS DESIGN IS TO MAINTAIN AT LEAST 2 FEET ABOVE THE SEASONAL HIGH WATER TABLE AND 2 FEET ABOVE LEDGE OR IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BED BOTTOM OF THE EFFLUENT DISPOSAL AREA AT ELEVATION 96.5 WHICH IS APPROXIMATELY 2.0 FEET BELOW THE ORIGINAL GROUND ON THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL AREA.

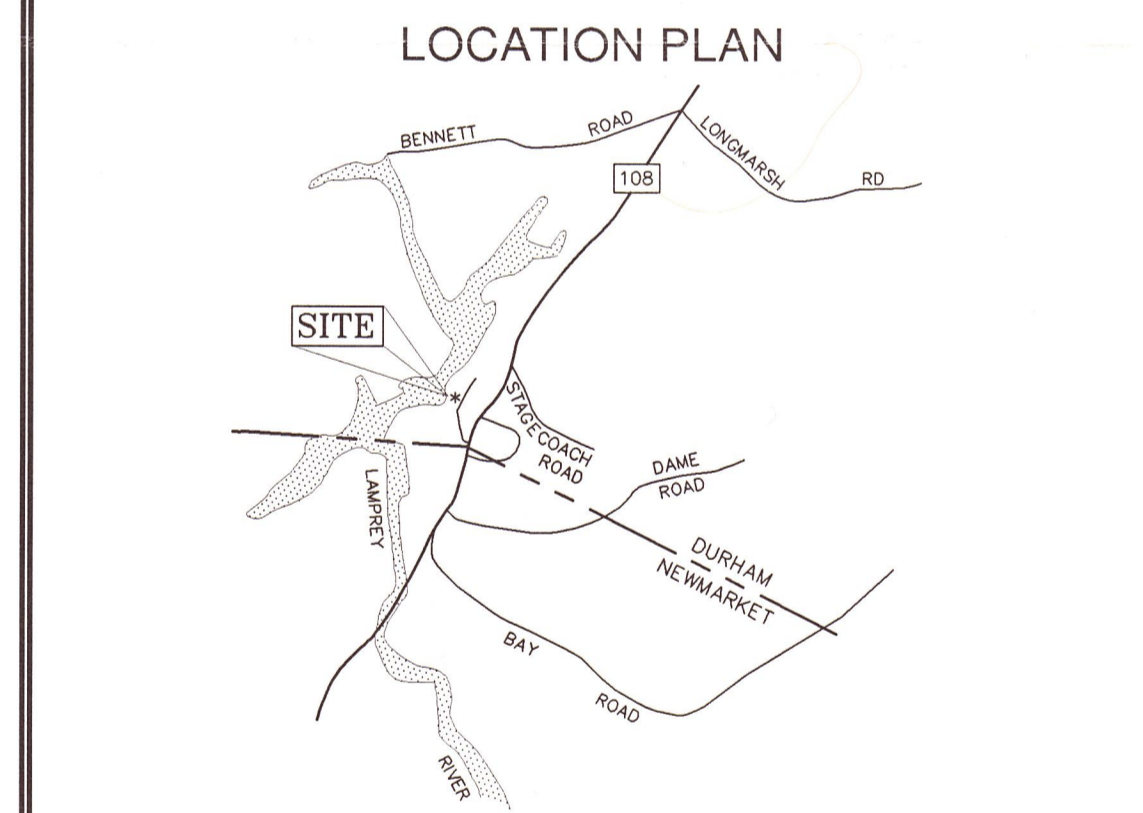
GENERAL NOTES

THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY.
 ANY DISCREPANCY BETWEEN THESE PLANS AND THE FIELD CONDITIONS IS TO BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION.
 THE SEPTIC SYSTEM IS NOT DESIGNED TO HANDLE A GARBAGE DISPOSAL UNIT.
 SEPTIC TANKS SHALL HAVE INLET AND OUTLET BAFFLES INSTALLED AND BE WATER TIGHT. ALL JOINTS, INLETS, OUTLETS, ETC. TO BE SEALED WITH NON-SHRINK MORTAR OR HAVE WATER TIGHT NEOPRENE GASKET SEALS CAST INTO THE CONCRETE BY THE MANUFACTURER. PRECAST CONCRETE COMPONENTS MAY BE PURCHASED FROM "A.J. FOSS" OR EQUAL.
 THERE ARE NO SURFACE WATERS OR WELLS WITHIN 125 FEET OF THE PROPOSED EDA. THERE ARE NO POORLY DRAINED SOILS WITHIN 125 FEET AND NO VERY POORLY DRAINED SOILS WITHIN 125 FEET OF THE PROPOSED EDA AS DELINEATED BY ADAM R. FOGG, DESIGNER No. 1377 PER Env-Wq 1014.03.
 LEACH LINES TO BE LAID LEVEL AND INSTALLED IN ACCORDANCE WITH Env-Wq 1017.05 AND Env-Wq 1017.01.
 SEPTIC STONE SHALL BE CLEAN, UNIFORMLY-SIZED WASHED CRUSHED STONE, WASHED ROCK, OR SIMILAR AGGREGATE, 1.5 INCH, FREE OF FINES, 0.75 INCHES TO 1.5 INCHES, IN ACCORDANCE WITH Env-Ws 1016.04.
 THE INSTALLED SYSTEM SHALL BE LEFT EXPOSED UNTIL INSPECTED BY A REPRESENTATIVE OF THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES.
 SYSTEM SHALL BE REBUILT IN PLACE SHOULD FAILURE OCCUR.
 THIS PLAN CONFORMS TO ALL APPLICABLE LOCAL SEPTIC SYSTEM ORDINANCES AND REGULATIONS AS APPROVED AND STAMPED BY THE LOCAL AUTHORITY.

TEST PIT DATA
 JANUARY 20, 2015

TEST PIT 1	
8"	DARK BROWN (10YR 5/3) FINE SANDY LOAM; FRIBLE; GRANULAR
48"	DARK YELLOWISH BROWN (10YR 4/4) FINE SANDY LOAM; FRIBLE; GRANULAR
NO REFUSAL NO S.H.W.T. OBSERVED NO WATER OBSERVED NO RESTRICTIVE	

SOIL TYPE: HcC - Hollis Charlton
 "Soil Survey of Strafford County, New Hampshire" sheet 33



SUBSURFACE SEPTIC DESIGN

OWNER: SALLY A. CRAFT
 PO BOX 381
 NEWMARKET, NH 03857

LOT ADDRESS: 300 NEWMARKET ROAD
 DURHAM, NH

SUBDIVISION: PRE-DATES 1967

TOWN INFO: TAX MAP 18, LOT 7-3 1.1 Ac.±

REGISTRY OF DEEDS: ROCKINGHAM BOOK 2119, PAGE 092

