



LOCUS TITLE INFORMATION

Z BITTERSWEET LANE

DAVID W. FOLEY SR & NANCY J. FOLEY OWNER:

DEED REFERENCE: BK. 16062 PG. 480 MAP UO9 LOT 218 ASSESSORS

GENERAL NOTES

SURVEY COMPLETED BY WINTER GEC AND WEILAND DELINEATION BY HUGHES ENVIRONMENTAL CONSULTANTS

CONTRACTOR TO MAINTAIN WORK AREA IN A CLEAN CONDITION. NO CONSTRUCTION DEBRIS SHALL BE ALLOWED TO ACCUMULATE MININ THE WORKSITE AND NO DIRT, GRAVEL, ETC. SHALL BE ALLOWED TO ACCUMULATE ON THE PUBLIC RIGHT-OF-WAY.

AREAS OUTSIDE THE LIMITS OF PROPOSED WORDISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE

CONTRACTOR SHALL INSTALL EROSION CONTROLS PRIOR TO COMMENCEMENT OF WORK

NOT ALL UNDERGROUND UTILITIES/STRUCTURES ARE SHOWN ON THIS PLAN,
PLEASE CONTACT DIG SAFE PRIOR TODISION AND/OR EXCAVATION

DESIGN CALCULATIONS:

1. HYDRAULIC LOADING DESIGNED FOR 4 BEDROOM @ 110 GPD/ BEDROOM= 440 GPD

- 2. SEPTIC TANK USE 2000 GALLON SEPTIC TINK 440GPD x 200% = 880 GAL REQ.
- 3. DESIGN PERCOLATION RATE= 4.6 M.P.I. (SXL CLASS II) EFFLUENT LOADING RATE = 0.60 G.P.D.M.F.
- 4. LEACHING AREA (3-41' LONG 2' X 2' TRENDES) PRIMARY LEACHING AREA: 41' X 65F (2'X2' TENCH)= 246 5.F. X 3 TRENCHES = 738 5F FLOW PROVIDED: 738 5.F. X 0.60 G.P.D./S.F.=443 G.P.D. > 440 G.P.D.

RESERVE LEACHING AREA: (3 - 41' LONG 212 TRENCHES)
PRIMARY LEACHING AREA: 41' X 6SF (2)/2 TRENCHE = 246 S F. X 3 TRENCHES = 738 SF FLOW PROVIDED: 738 S F. X 0.60 G.P.D./S J • 443 G.P.D.

GENERAL NOTES & SPECIFICATIONS:

- 1. THIS PLAN IS INTENDED FOR THE LOCATIONAID DESIGN OF THE SEWAGE DISPOSAL SYSTEM ONLY. THE DESIGN PROVIDES FOR DESIGN DERVICE A NEW 4 BEDROOM HOME. AS SUCH THIS DESIGN COMPLIES WITH MA TITLE V AND WEST NEWBURY REGULATIONS. NO VARIANCES
- 2. ALL CONSTRUCTION METHODS AND MATERIAL SHALL CONFORM TO THE COMM. OF MASS. TITLE V AND THE LOCAL APPROVING AUTHORY.
- 3. THERE ARE NO SURFACE WATER SUPPLIES WITHIN 400' OF THE LEACHING FACILITY OR SEPTIC TANK OR WITHIN 200' TO TRIBUTARIES TO SERVOIRS.
- 4. THERE ARE NO EXISTING OR PROPOSED GELSURFACE OR SUBSURFACE DRAINS THAT DISCHARGE TO SURFACE WATER SUPPLIES THEIR TRIBUTARIES WITHIN 100' OF THE PROPOSED LEACHING AREA AND 50' OF THE ROPOSED SEPTIC TANK.
- THERE ARE NO EXISTING OR PROPOSED GEL SURFACE OR SUBSURFACE DRAINS (EXCLUDING FOUNDATION DRAINS) WHICH INFRCEPT SEASONALLY HIGH GROUND WATER WITHIN 50' OF THE PROPOSED LEACHING IDLITY OR 25' OF THE SEPTIC TANK.
- THERE ARE NO LEACHING CATCH BASINS JURY WELLS WITHIN 25' OF THE LEACHING FACILITY OR SEPTIC TANK
- 7. THERE ARE NO OTHER OPEN, SURFACE CISESURFACE DRAINS (EXCLUDING FOUNDATION DRAINS) WITHIN 10' OF THE LEACHING FACILITIES OF THE SEPTIC TANK
- 8. ALL LARGE BOULDERS, TOPSOIL, AND OR SIC MATERIAL SHALL SE REMOVED FROM THE LEACHING AREA AND FOR A DISTANCE OF MICHAEL THE LEACHING FACILITY.
- 9. DEVIATION FROM AN APPROVED PLAN IS INSSIBLE ONLY WITH THE CONSENT OF THE DESIGN ENGINEER DESIGN ENGINEER.
- 10. ALL FILL REQUIRED FOR THE CONSTRUCTION OF THE LEACHING F CILITY SHALL CONFORM
 TITLE V, SECT. 15.255 SPECIFICATIONS, AS BILL BE INSTALLED IN 6" LIFTS USING A
 VIBRATORY COMPACTOR. VIBRATORY COMPACTOR
- 11. SYSTEM IS NOT DESIGNED FOR USE OF AND GERNDER



Design Consultants Inc.

Somerville 817-776-3350 **ENV. CONSULTANT**

HUGHES ENVIRONMENTAL CONSULTING 44 MERRIMAC STREET NEWBURYPORT, MA 01950

SURVEY WINTER GEC 44 MERRIMAC STREET NEWBURYPRT, MA 01950

PROJECT YEAM

7 BITTERSWEET LANE NEWBURY, MA

PLAN PREPARED FOR: GAGE FOLEY 31 POND STREET AMESBURY, MA 01913

ROJECT NEO

EV DESCRIPTION DATE



RECEIVED SEPTIC SYSTEM PLAN

Clark Lop DR BY: GS CHK BY: SBS PROJ NO: 22-003

DATE: 6/17/2022 www