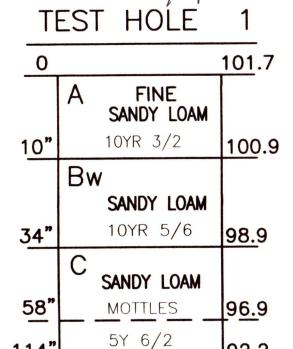


I CERTIFY THAT I AM CURRENTLY APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO 310 CMR 15.017 TO CONDUCT SOIL EVALUATIONS AND THAT THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE, AND EXPERIENCE DESCRIBED IN 310 CMR 15.017. I FURTHER CERTIFY I CERTIFY THAT THE RESULTS OF MY SOIL EVALUATION, AS INDICATED ON THE ATTACHED SOIL EVALUATION FORM, ARE ACCURATE AND IN ACCORDANCE WITH 310CMR 15.100 THROUGH 15.107.

SIGNATURE Sterien Donatelli DATE 3/11/2020



DIGSAFE #2019-450-6254

Soil Evaluator - STEVEN DONATELLI Witness - LENNY IZZO Date of Test -8/27/19Perc Rate - 5 M.P.I.

Design Rate - 0.60 LTAR (CLASS II SOILS) Design G.W. - (58") ELEV. = 97.2 (TR#3) Mottling - 58"

## CONSTRUCTION NOTES

ALL TOPSOIL AND SUBSOIL OR ANY OTHER IMPERVIOUS MATERIAL BELOW THE TOP OF THE PEASTONE AND FOR A DISTANCE OF 5' IN ALL DIRECTIONS FROM THE LEACHING FACILITY TO BE REMOVED AND REPLACED WITH CLEAN GRANULAR SAND/GRAVEL.

THE FOLLOWING INSPECTIONS IF CHECKED ARE REQUIRED BY THE BOARD OF HEALTH.

2. After Pipe And Stone Placement 3. After Final Grading 24 hr. Notice Required

DESIGN CRITERIA Total Daily Flow

3 Bdrms x 110 Gal/Bdrm/Day = 330 Gal/Day No. of Leach Trenches 2 Length 45 Width 3

Depth Below Inlet 6"

Effective Leaching Area is equal to 6.7' times Total Linear Feet. 90.0 L.F. x 6.7 = 603 S.F. Effective Leaching Area

603 S.F. X 0.60 = 362 Gal/Day Total Leaching Area gpd/Sq.Ft. Total Leaching Capacity

GARBAGE GRINDERS NOT ALLOWED / TO BE REMOVED IF ONE EXISTS

- TOP IMPERVIOUS BARRIER **LEGEND** BOTTOM IMPERVIOUS BARRIER FLOW DIRECTION DENNIS GRADY **EXISTING CONTOUR** 18 TAFT AVENUE → TROPOSED CONTOUR MENDON, MA EXISTING SPOT ELEVATION PROPOSED SPOT ELEV. SITEDEEP HOLE PERC HOLE 18 TAFT AVENUE BENCH MARKS: ASSUMED DATUM MENDON, MA. PAINT DOT COR. WALL TOP OF FOUNDATION ELEV.= 100.00 ELEV.= 106.14

~ REPAIR IA SYSTEM ~

SCALE 1" = 10' MARCH 4, 2020

I CERTIFY THAT THE SEWAGE DISPOSAL FACILITY IS DESIGNED IN ACCORDANCE WITH TITLE 5 OF THE STATE ENVIRONMENTAL CODE AND THE REGULATIONS OF THE MENDON BOARD OF HEALTH.

NOTE: THIS PLAN WAS NOT MADE FROM AN INSTRUMENT PROPERTY LINE SURVEY AND IS DRAWN FOR SEWAGE DISPOSAL PURPOSES ONLY AND NOT FOR PROPERTY LINE DETERMINATION.

