





TEST PIT LOG

TEST PIT #1 MARCH 6, 2023

0-98" 10YR 5/6 YELLOWISH BROWN MEDIUM GRAVELLY SAND, LOOSE, GRANULAR 98-178" 10YR 6/8 BROWNISH YELLOW COARSE

SAND, LOOSE, GRANULAR

ESHWT: NONE OBSERVED, (>178") ROOTS: TO 30" WATER: NONE LEDGE: NONE

TERMINATED AT 178" (14.8')

PERCOLATION TEST PERC RATE 6 MIN/INCH AT 60"

(1) THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 324.7 FEET [OF] ELEVATION, AND IS APPROXIMATELY 9.7' BELOW THE PROPOSED FINAL GRADE AT THE HIGH CONTOUR OF THE DESIGNED EFFLUENT DISPOSAL SYSTEM (EDS),

- 1. THIS DESIGN SHALL BE CONSTRUCTED UNDER THE DIRECT SUPERVISION OF A NEW HAMPSHIRE PERMITTED INSTALLER. THE INSTALLER SHALL INSTALL THIS SYSTEM IN STRICT ACCORDANCE WITH THESE PLANS AND MOST RECENTLY ADOPTED DESIGN RULES AS ADOPTED BY THE NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (CHAPTER
- 2. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE COORDINATED WITH THE DESIGNER PRIOR TO CONSTRUCTING THE SYSTEM. THE INSTALLER SHALL BE RESPONSIBLE FOR INSURING THAT THIS SYSTEM MEETS ALL LOCAL STATE AND FEDERAL REGULATIONS AS CONSTRUCTED.
- 3. THIS SYSTEM SHALL NOT RECEIVE ANY FLOW FROM WATER TREATMENT DEVICES OF ANY KIND. UNDER NO CIRCUMSTANCES SHALL ANY GARBAGE GRINDERS BE INSTALLED IN THE
- 4. IT IS RECOMMENDED THAT A WATER METER BE INSTALLED IN THE WATER SERVICE TO THE FACILITY UTILIZING THE ISDS AND THAT THE OWNER/OPERATOR MONITOR DAILY WATER USE SO AS NOT TO EXCEED DESIGN FLOW.
- TO EACH COMPARTMENT BY MEANS OF EITHER A REMOVABLE COVER OR A 36" MANHOLE AT A DEPTH OF NO MORE THAN 6" BELOW FINISH GRADE.
- 6. SEAL ALL PIPES LEADING TO AND EXITING FROM THE SEPTIC TANK AND DRYWELL WITH EITHER NON-SHRINK MORTAR OR THICK PLASTIC CEMENT.
- 7. THE SEPTIC TANK IS TO BE AS SUPPLIED BY CAPITAL CONCRETE PRODUCTS OF HENNIKER, NEW HAMPSHIRE OR AN APPROVED EQUAL. A SEPTIC TANK WHICH IS NON-CONFORMING TO Env-Wq 1010 REQUIREMENTS EFFECTIVE 4-16-2011 MAY BE USED IN ACCORDANCE WITH Env-Wq 1010.15 EFFECTIVE 4-16-2011.

PLAN NOTES

- 1. THE PLAN VIEW OF THIS DESIGN IS BASED ON A FIELD TOPOGRAPHIC SURVEY PERFORMED BY THIS OFFICE. ALL BOUNDARIES SHOWN HEREON ARE AS DETERMINED BY THE OWNER/CLIENT AND NOT THE RESULT OF AN ACTUAL BOUNDARY SURVEY. ALL PROPERTY BOUNDARIES ARE APPROXIMATE.
- 2. ANY WETLAND BOUNDARIES IF SHOWN HEREON WERE DELINEATED IN ACCORDANCE WITH ENV-WQ 1014.03, "ON THE BASIS OF HYDROPHYTIC VEGETATION, HYDRIC SOILS AND WETLANDS HYDROLOGY IN ACCORDANCE THE TECHNIQUES OUTLINED IN THE "CORPS OF ENGINEERS WETLAND DELINEATION MANUAL TECHNICAL REPORT Y-87-1", JANUARY 1987. THE HYDRIC SOIL COMPONENT SHALL BE DETERMINED BY USING THE "FIELD INDICATORS FOR IDENTIFYING HYDRIC SOILS IN NEW ENGLAND, VERSION 3", APRIL 2004".

SEPTIC SYSTEM DESIGN PLAN PREPARED FOR

GMI ACQUISITION, LLC

ASSESSORS MAP T7 LOT 103-406 33 PUNCH BROOK ROAD

FRANKLIN, NEW HAMPSHIRE

SCALE: 1"=20' * DATE: APRIL 2023

SHEET 3 OF 4

T. F. BERNIER, INC. Land Surveyors - Designers - Consultants

50 PLEASANT STREET - P.O. BOX 3464 CONCORD, NEW HAMPSHIRE 03302-3464 Tel:(603)224-4148 - Fax:(603)224-0507

CHECKED BY F.B. PG. JOB #

