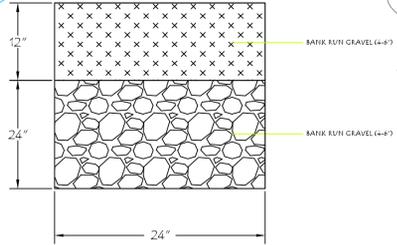


MICHAEL DIFFENDERFER
 15 PLEASANT VALLEY ROAD UNDERHILL
 WASTEWATER SYSTEM DETAILS
 DRAWING 2 OF 5 08/01/2020 REV 08/17/2020



JH STUART ASSOCIATES
 22 TANGLEWOOD DRIVE P.O. BOX 8367
 ESSEX, VERMONT 05451 802-878-5171



INFILTRATION TRENCH CONSTRUCTION NOTES
 1. AN AREA OF 2' X 14' OF TOPSOIL AND SUB-SOILS SHALL BE REMOVED TO A DEPTH OF 36"
 2. THE EXCAVATED AREA SHALL BE FILLED WITH TWO (2) FEET OF WASHED CRUSHED STONE (3/4" - 1 1/2") AND CAPPED WITH ONE (1) FOOT OF BANK RUN GRAVEL (4-8" DIAMETER)

DESIGN CRITERIA
 3 BEDROOMS X 140 GALLONS/BR = 420 GALLONS PER DAY (GPD)
 35 EMPLOYEES X 15 GPD/EMPL = 495 GPD
 915 GPD/ 2.0 GAL/SF/DAY = 458 SQUARE FEET
 458 SF/55F/LF = 92 LINEAR FEET (5' WIDE SEEPAGE BED)
 [INSTALL MicroFAST 1.50 PRE-TREATMENT UNIT]

CONNECTIONS TO BE CAST INTO TANK WALLS. INSPECT SLUDGE DEPTH EVERY THREE YEARS. CLEAN WHEN SLUDGE DEPTH REACHES OR EXCEEDS TWELVE (12) INCHES.

NO CHANGE OF TREATMENT EQUIPMENT OR TANKS SPECS IS PERMITTED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND AN AMENDED WW PERMIT