

- 17) *** 533 gal Dose tank (minimum) at 12.69 gpi
- 18) *** 6.1 inch swing on Demand float, or Timed dosing of 2.3 min ON (confirm pump rate with drawdown test and adjust as necessary) 4 hrs OFF (<100% of design flow requires a larger OFF time)
- 19) 12 inches of from bottom of tank to "pump OFF" float, and/or to cover pump
- 20) *** 18 inches from bottom of tank to "pump ON" float, or 12 inches to "timer ON" float
- 21) *** 21 inches from bottom of tank to "Hi Level" float (add 5-15 inches if Time Dosed)
- 22) 267 gallons reserve capacity (after High Level Alarm is activated)
- 23) 74 inches, or 6.17 ft. to Redox or other limiting condition (This must match the soil boring log)
- 24) 36 inches, or 3.00 ft. of vertical separation required leads to bottom of rock no more than:
- 25) *** 38 inches, or 3.2 ft. Below existing grade **CRITICAL FOR FUTURE CERTIFICATIONS!!!**
- 26) *** 9 inches of rock below the pipe
3 inches of rock to cover the pipe
- 27) Overall Dimensions: 16.0 ft. wide by 36.1 ft. long Pressure Bed
- 28) *** Rock Bed materials:
16 ft. by 36.1 ft. by 12 inches total, plus 20% gives 26 yd³ or *1.4= 36 ton

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.


Designer Signature

Brummer Septic LLC.
Company

L-1347
License#

10/14/2019
Date

System will have an Effluent filter and alarm on septic tank outlet, Also alarm on pump tank.
No Traffic on drainfields area, No Snowmobiles, No ATV's, No Parking.