SPECIFICATION FOR LOW PRESSURE SYSTEM

Daily Waste Flow	360	gal.
Septic Tank Size	1000	gal.
Pump Tank Size	1000	gal.
Effluent Loading Rate	.15	gal.
Absorption Area	2400	ft.
Supply Line Length	150	ft.
Supply Line Diameter	2	in.
Manifold Placement	end of laterals	
Total Length of Laterals	480	ft.
Lateral Diameter	1 1/4	in.
Hole Size	5/32	in.
Hole Spacing	5	ft.
Number of Holes	96	
Pressure Head	2	ft.
Flow per Hole	.41	gpm
Total Flow	39.36	gpm
Elevation Head	20	ft.
Friction Head	4	ft.
Total Head	26	ft.
Pump Requirements	40	gpm at 28 ft.
Storage in Laterals	43.2	gal.
Storage in Supply Lines	24.3	gal.
Total Storage Volume	67.5	gal.
Dosing Volume	~~200~~ 100	gal.
Dosing Depth	~~10~~ 5"	in.
Check Valve	yes	
Siphon-Breaker Hole	YES 3/16"	