Lot 114 Meadow Glen Subdivision — Fast Track Septic System Information

Number of Bedrooms:	**3**	
Design Flow (gpd):	360	
Foundation Type:	**Basement w/ Plumbing**	
Initial System Type:	**LP PPBPS**	
LTAR (gpd/ft2):	**0.3**	
No. Lines:	3	
Total Linear Feet:	210	
Trench Width:	2' min.	
Trench Spacing:	8' min.	
Pump Required:	Yes	
Distribution Device:	Gate Valve Box w/ LPP Distribution	
Maintenance Agreement Required:	Yes	
Length and Diameter of Supply Pipe:	35' of 2" SCH 40 PVC	
Size of laterals:	1 1/4" SCH 40 PVC	
Flow Rate through the system (gpm):	22.5	
Approx. Elevation head (ft.):	18	
Pressure head (ft.):	3	
Friction head (ft.):	1	
20% Contingency (ft.):	4	
Total Head (ft.):	26	
Approx. Pump Requirements:	**22.5 gpm @ 26 ft. of head To be designed by installer at time of installion**	
Dosing Volume (gal/dose/day @ design flow):	162.0 gallons	2.2 doses/day @ design flow*
Volume of water pumped per dose:	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)	
Approx. Pump Run Time per dose (min.):	7.2	
Check Valve:	Yes	
Siphon Break hole:	Yes	
Repair System:	**LP PPBPS**	
Total Linear Feet:	205	
Repair LTAR:	0.3	*200 ft. Required*

***Before placement of cap block, one panel on each line near the center of the field should be observed filling to make certain that it does not overflow top chamber into air chambers of panel. If overflow occurs, reduce floats by 25 gallons and reset until no overflow is observed.**

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Table 1: Summary of Initial LPPPBPS System Specifications

Line No.	Line Color	Length (ft)	# Panels	**Rod Reading Elev. (Ft.)	Hole Size(In.) per panel
1	Orange	30	6	**0.9**	5/32"
2	Blue	60	13		5/32"
3	White	60	13		5/32"
4	Red	60	13		5/32"
5					
6					
Totals		**210**	**45**		

Table 2: Summary of Repair System Specifications

Laterals	Line Color	Length (ft)	Elev. (Ft.)
Line # 1	Orange	67	
Line # 2	Blue	69	
Line # 3	White	69	**11.7**
Line # 4			
Line # 5			
Totals		**205**	

			Elev. (ft.)
Tank		1000 gal (2 compartment)	
Pump Tank		1000 gal.	**14**
House	Blue	Front Left Corner	**3**

**** Elevations should be verified by surveyor at time of installation**

NOTES: ** Place one 5/32" hole per panel