Lot 1217 The Point Subdivision Fast Track Septic System Information

Number of Bedrooms:	**5**
Design Flow (gpd):	600
Foundation Type:	**Basement w/ Plumbing**
Initial System Type:	**LP PPBPS**
LTAR (gpd/ft2):	**0.3** 333.3 *ft. Required*
No. Lines:	7
Total Linear Feet:	345
Trench Width:	3' min.
Trench Spacing:	9' min.
Pump Required:	Yes
Distribution Device:	Gate Valve Box w/ LPP Distribution
Maintenance Agreement Required:	Yes
Length and Diameter of Supply Pipe:	245 of 2" SCH 40 PVC
Size of laterals:	1 1/4" SCH 40 PVC
Flow Rate through the system (gpm):	38.5
Approx. Elevation head (ft.):	21
Pressure head (ft.):	3
Friction head (ft.):	6.8
20% Contingency (ft.):	1.3
Total Head (ft.):	32.1
Approx. Pump Requirements:	**38.5 gpm @ 33 ft. of head To be designed by installer at time of installion**
Dosing Volume (gal/dose/day @ design flow):	277.2 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
Check Valve:	Yes
Siphon Break hole:	Yes
Repair System:	**LP PPBPS**
Total Linear Feet:	341
Repair LTAR:	0.30 333.3 *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	Hole Size(In.) per panel
1	White	45	10	5/32"
2	White	65	15	5/32"
3	Pink	45	10	5/32"
4	Orange	50	11	5/32"
5	Orange	50	11	5/32"
6	White	45	10	5/32"
	Blue	45	10	5/32"
Totals		**345**	**77**	

Table 2: Summary of Repair System Specifications

Laterals	Line Color	Length (ft)	Elev. (Ft.)
Line # 1	Pink	57	**9.6**
Line # 2	Red	61	
Line # 3	Blue	40	
Line # 4	Red	50	
Line # 5	Pink	55	
Line # 6	Orange	53	
Line # 7	White	25	**3.2**
Totals		**341**	

			Elev. (ft.)
Tank	Red	1500 gal (2 compartment)	
Pump Tank	Red	1500 gal.	18.2
House	Blue	Front Right Corner	12.2

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

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

*** Where supply line crosses under drive, it must be placed ≥ 30" deep or or be sleeved in ductile iron pipe or equivalent.**