Lot 619 Parkwood Phase 6 Fast Track Septic System Information

Number of Bedrooms	5
Basement or Crawl	**Basement with Plumbing**
Design Flow (gpd)	600
LTAR (gpd/ft2)	0.3
Primary System Type	**LP PPBPS**
No. Lines	5 (See Table)
Total Linear Feet	335
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	150' of 2" SCH 40 PVC
Size of laterals	1 1/4" SCH 40 PVC
Flow Rate through the system	38 gpm
Elevation head	Approx. 23.0'
Pressure head	3.0'
Friction head	4.1'
20% Contingency	6.0'
Total Head	36.1'
Pump Requirements	38 gpm @ 36.1' of head To be designed by installer.
Maximum Dosing Volume	273.6 gal -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.)
Pump Run per dose	approx. 7.2 min.
Check Valve	Yes
Siphon Break hole	No
Repair System	**LP PPBPS**
Total Linear Feet	364
Repair LTAR	0.3

***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.**

Table 1: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading Elev. (Ft.)	Panels	Holes	Hole Spacing	Hole Size (In.)
1	Repair	NF	LPPPBPS	35					
2	Repair	Orange	LPPPBPS	60					
3	System	Blue	LPPPBPS	60 endfed	3.0	13	13	1 per panel	5/32"
4	System	White	LPPPBPS	70 endfed		16	16	1 per panel	5/32"
5	System	Red	LPPPBPS	70 endfed		16	16	1 per panel	5/32"
6	System	Pink	LPPPBPS	70 endfed		16	16	1 per panel	5/32"
7	Repair	Orange	LPPPBPS	65 endfed		15	15	1 per panel	5/32"
8	Repair	Blue	LPPPBPS	68					
9	Repair	White	LPPPBPS	69					
10	Repair	Red	LPPPBPS	66	8.7				
11	Repair	Blue	LPPPBPS	66					
						Total: 76	Total: 76 (1 in each panel turned up)		
				Total System: 335'					
				Total Repair: 364'					

Tank	Red	1500 gal (2 compartment)	18.0
Pump Tank	Red	1500 gal.	18.0
House	Blue	Left Front	9.0

Note: Fill all gullies on lot.
Smooth any old field terraces