Lot 38 Woodleaf Subdivision Fast Track Septic System Information

Number of Bedrooms	4
Basement or Crawl	Crawl Space
Design Flow (gpd)	480
LTAR (gpd/ft2)	0.3
Primary System Type	**LP PPBPS**
No. Lines	2 (See Table)
Total Linear Feet	270
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	70' of 2" SCH 40 PVC
Size of laterals	1 1/4" SCH 40 PVC
Flow Rate through the system	30.5 gpm
Elevation head	Approx. 12.3'
Pressure head	3.0'
Friction head	1.1'
20% Contingency	3.3'
Total Head	19.7'
Pump Requirements	30.5 gpm @ 20' of head; use Goulds WE03L pump or equivelent with compatible electrical
Dosing Volume	219.6 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	318

***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	Pink	LPPPBPS	75	3.7				
2	System	Red	LPPPBPS	125 centerfed		28	28	1 per panel	5/32"
3	System	White	LPPPBPS	145 centerfed		33	33	1 per panel	5/32"
4	Repair	Blue	LPPPBPS	110					
5	Repair	Orange	LPPPBPS	83	9.3				
6	Repair	Pink	LPPPBPS	50					
						Total: 61	Total: 61 (1 in each panel turned up)		
				Total System: 270'					
				Total Repair: 318'					

Tank	Red	1000 gal (2 compartment)	10
Pump Tank	Red	1000 gal.	10
House	Blue		11.8