Lot 8 Woodleaf Subdivision Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
LTAR (gpd/ft2)	**0.25**
Primary System Type	**LP PPBPS**
No. Lines	4 (See Table)
Total Linear Feet	320
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	120' of 2" SCH 40 PVC
Size of laterals	1 1/4" SCH 40 PVC
Flow Rate through the system	36 gpm
Elevation head	Approx. 7.8'
Pressure head	3.0'
Friction head	2.6'
20% Contingency	2.7'
Total Head	16.1'
Pump Requirements	36 gpm @ 16.1' of head; use Goulds WE03L pump or equivelent with compatible electrical
Maximum Dosing Volume	259.2 gal -1.9 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	Yes
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	System	Pink	LPPPBPS	59' endfed	3.8'	13	13	1 per panel	5/32"
2	System	White	LPPPBPS	105' centerfed		24	24	1 per panel	5/32"
3	System	Pink	LPPPBPS	93' centerfed		21	21	1 per panel	5/32"
4	System	Blue	LPPPBPS	63' endfed		14	14	1 per panel	5/32"
5	Repair	Blue	LPPPBPS	29'					
6	Repair	Red	LPPPBPS	103'					
7	Repair	White	LPPPBPS	50'					
8	Repair	Orange	LPPPBPS	86'					
9	Repair	Pink	LPPPBPS	50'	7.5'				
						Total: 72	Total: 72 (1 in each panel turned up)		
				Total System: 320'					
				Total Repair: 318'					

Tank	Red	1000 gal (2 compartment)	5.6'
Pump Tank	Red	1000 gal.	5.6'
House	Blue	Left Rear Corner	5.2'

Notes: 120 ft. of Additional Repair located on left side of lot
System should be reflagged after initial area cleared

Likely to change - smooth out some after clearing & grading.