Lot 672 Parkwood Phase 6 Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Basement w/ Plumbing**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.25**
Primary System Type	**25% Reduction Offsite**
No. Lines	5 (See Table)
Total Linear Feet	500'
Trench Width	3' min.
Trench Spacing	9' min.
Pump Required	Yes
Distribution Device	Pressure Manifold
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	~1,800' of 3" SCH 40 PVC
Flow Rate through the system	28 gpm
Elevation head	Approx. 79'
Pressure head	2.0'
Friction head	1.0'
20% Contingency	14'
Total Head	98'
Pump Requirements	28 gpm @ 98' of head **To be designed by installer.**
Maximum Dosing Volume	240 gal -2.0 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. 8.6 min.
Check Valve	Yes
Siphon Break hole	No
Repair System	**Offsite LP PPBPS**
Total Linear Feet	483'
Repair Loading Rate	0.25

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Topo Map Elevation (Ft.)
1	Repair	Blue	LP PPBPS	69	
2	Repair	Pink	LP PPBPS	89	
3	**System**	**White**	**25% Reduction**	**100**	763'
4	**System**	**Red**	**25% Reduction**	**100**	
5	**System**	**Blue**	**25% Reduction**	**100**	
6	**System**	**Pink**	**25% Reduction**	**100**	
7	**System**	**White**	**25% Reduction**	**100**	
8	Repair	Blue	LP PPBPS	145	
9	Repair	Pink	LP PPBPS	105	
10	Repair	White	LP PPBPS	75	755'
				Total System: 500'	
				Total Repair: 483'	

Tank	Red	1500 gal (2 compartment)	
Pump Tank	Red	1500 gal.	790'
House	Blue	Left Front	

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	4
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

NOTE: Elevations taken from topo map only
- Elevations should be verified by surveyor at installation