Lot 33 GA. Mills Plantation Fast Track Septic System Information

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	3 (See Table)
Total Linear Feet	402
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	405' of 2" SCH 40 PVC
Flow Rate through the system	16.5 gpm
Elevation head	Approx. 8'
Pressure head	2.0'
Friction head	3.7'
20% Contingency	2.7'
Total Head	16.4'
Pump Requirements	16.5 gpm @ 16.4' 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. 14.5 min.
Check Valve	No
Siphon Break hole	Yes
Repair System	**LP PPBPS**
Total Linear Feet	297
Repair Loading Rate	0.3