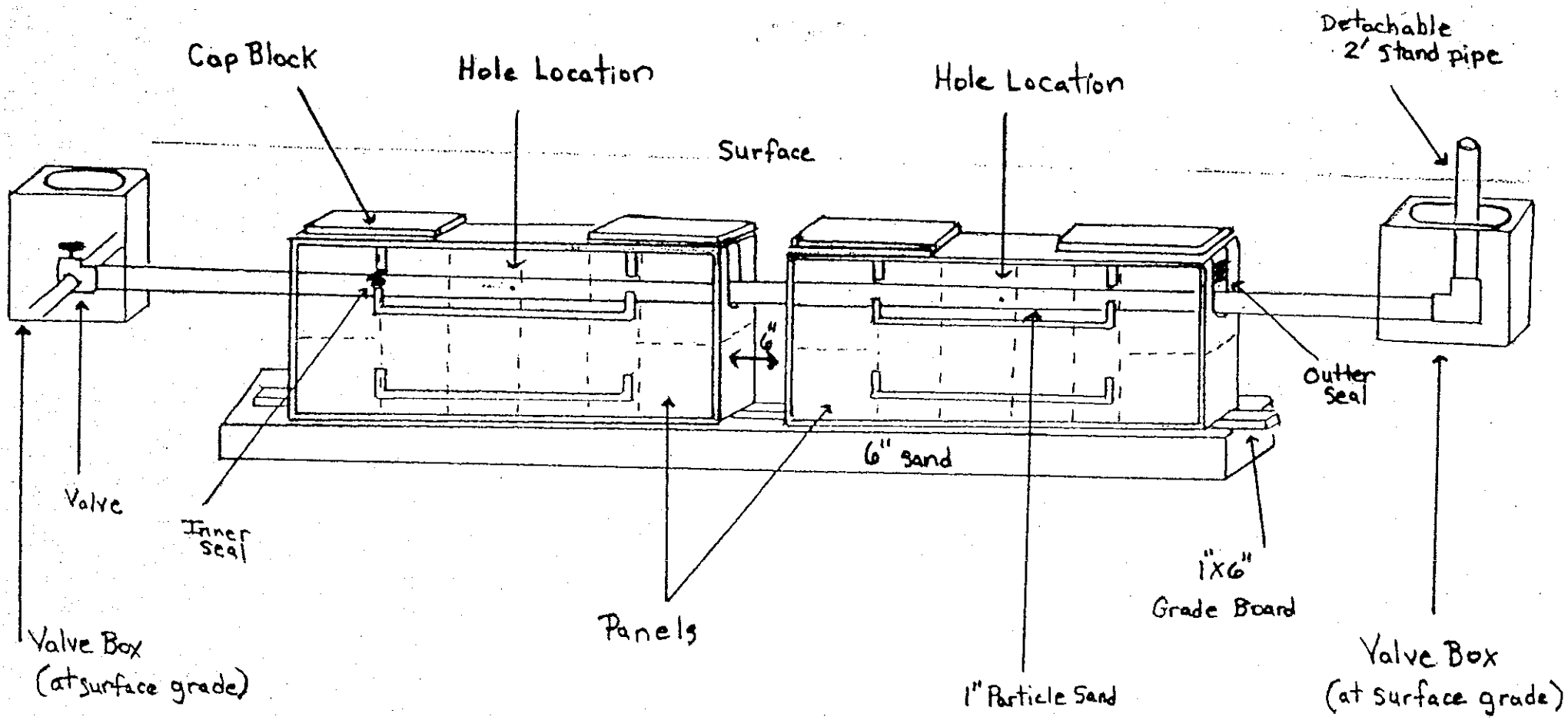
Pump Design Sheet **For:** **By:**

System Length (linear ft)	267	Total Flow (gpm)	27.57
# of 16in Panels	62		
# of Lines	4		
Hole Size (in) (5/32=.156 3/16=.188)	0.156	Friction Loss (ft) - Supply Line	1.93
Drainfield Pipe Size (in)	1.25	Friction Loss (ft) - Valve Box	3.20
Supply Line Size (in)	2	Friction Loss (ft) - Drain Lines	14.11
Supply Line Length (ft)	90		
Pressure Head (ft)	2	Friction Loss (ft) - Total	19.24
Elevation Head (ft)	12		
		Total Dynamic Head (ft)	41.74

When choosing a pump for this system, you will need a pump that can deliver:

27.57 GPM against **41.74** FT of Total Dynamic Head

Dose Volume (gal)	221.82
Pump Run Time (min)	8.05
Tank Drawdown (in)	10.56



Pressure Dosed PPBPS

# of panels 102.
Size holes 5/32. 1 hole per panel.
Approximate amount of sand needed 2/4 load.
100lbs. of partical sand per 8 panels.
Sidewalls raked and limed.
GPM 28.
TDH 42.

Comments

136946
Lot 57