DavidsonWoods LOT #53
PRESSURE MANIFOLD DESIGN

DESIGN FLOW (gpd):	360
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.25
TOTAL AREA TRENCH BOTTOM:	720
TOTAL LATERAL LENGTH:	240
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	240
SUPPLY LINE LENGTH:	121
TOTAL DYNAMIC HEAD:	19.11
MANIFOLD SIZE:	4 in.SCH 80 PVC
DOSING VOLUME:	133.59
PUMP TANK DRAW DOWN*:	6.4
SEPTIC TANK SIZE:	1000
PUMP TANK SIZE:	1000

**Pump tank draw down based on a volume basis of 21 gallons per inch. Draw down may vary among pump tank manufacturers.*