Installer Summary

| 1120 | gallon Septic tank (minimum) |

Tank options: Effluent filter & alarm req'd
Install 1650 Jacobson Compartment tank

| 522 | gallon Dose tank (minimum) | at | 12.69 | gpi |

| 18 | GPM @ | 19 | ft. of head, Pump required

| 4.2 | inch swing on Demand float which translates to roughly 3.1 inches of float tether length

if time dosing is required --> | 2.9 | minutes ON time & | 5.1 | hours OFF time

| 16 | inches from bottom of tank to "pump ON" float, or | 12 | inches to "timer ON" float

| 19 | inches from bottom of tank to "Hi Level Alarm" or | 29 | inches to "Hi level alarm" if time dosed

| 60 | ft. of | 2.0 | inch supply line with | end feed | manifold connection

(Tip: "top feed" manifold to control drainback)

| 36 | inch, or | 3.0 | ft. Sand Lift Mound
| 10.0 | ft. wide by | 25.0 | ft. long Rock bed
| 3 | laterals | 1.50 | inch diameter | 23.0 | ft. long | 3.0 | ft. lateral spacing
| 1/4" | inch perfs | 3.0 | ft. perforation spacing

| yes | Effluent filter & alarm
| 3 | clean out & valve box assemblies

| 44.0 | ft. Total sand ABSORPTION width (minimum)

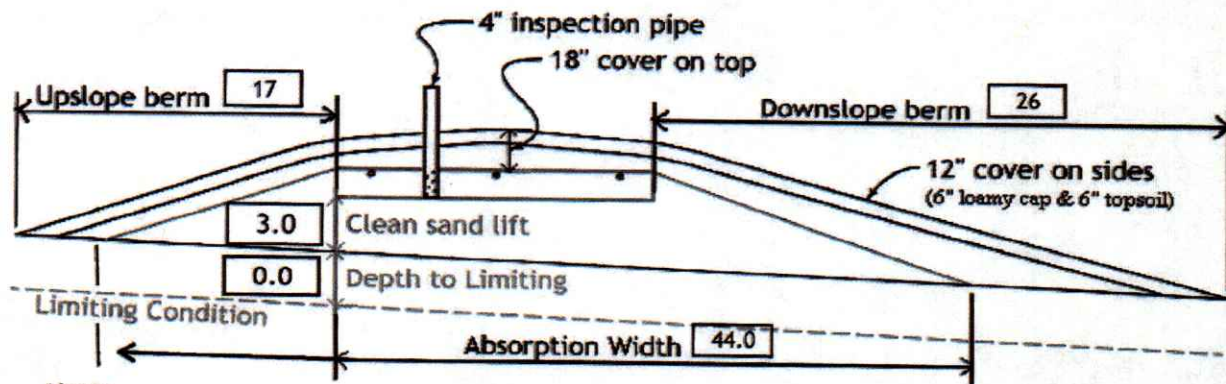| 13.0 | ft. upslope and sideslope (sand beyond rockbed, minimum)
| 21.0 | ft. Downslope (sand beyond rockbed, minimum)

Specific slope ratios give BERM widths (topsoil beyond rockbed) of:

| 4:1 | upslope ratio | 17 | ft. upslope berm
| 4:1 | sideslope | 22 | ft. sideslope berms
| 4:1 | downslope | 26 | ft. downslope berm

Note:
For 0 to 1% slopes, *Absorption Width* is measured from the *Bed* equally in both directions.
For slopes >1%, *Absorption Width* is measured downhill from the upslope edge of the *Bed*.

Rock Bed:	12.0	yd³ or *1.4=	17	ton	9	inches under pipe
Mound Sand:	270	yd³ or *1.4=	378	ton	calculation based on 3:1/4:1 slope from top of rockbe
Loamy Cap:	71	yd³ or *1.4=	99	ton	6" deep
Topsoil:	82	yd³ or *1.4=	115	ton	6" deep