**EXAMPLE— SITE PLAN DRAWING— 3 Bedroom House**

**Chosen Design:** Pipe and Gravel; 2 laterals; 3 ft-wide trench; 2.5 Ft Gravel Below Pipe

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**Drainfield Sizing Calculations**

- 375 gpd X 5 sf/gal/day = 1875 sf
- 1875/7sf/lf = 268 linear feet
- 2 trenches@ 134 LF each

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**Trench Cross-Section**

- Min 9 Inches of Earth Cover
- Geotextile Fabric or 2 inches of gravel above pipe
- 2.5 Ft Gravel Below Pipe

**Reserve Area**

- Capped Inspection Ports at end
- 2– laterals of Pipe and Gravel

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**Effluent Filter**

**Diverter Valve**

Housed in an accessible Valve Box

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**1000 Gallon Septic Tank**

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**On-Site Well**

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**Cleanouts**

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**3 Bedroom Residence**

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**New Mexico Environment Department**

Liquid Waste Program Installation Guidance

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**Alternating Drainfields in Clay Soil**

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Drawing Not To Scale - JV 12-12