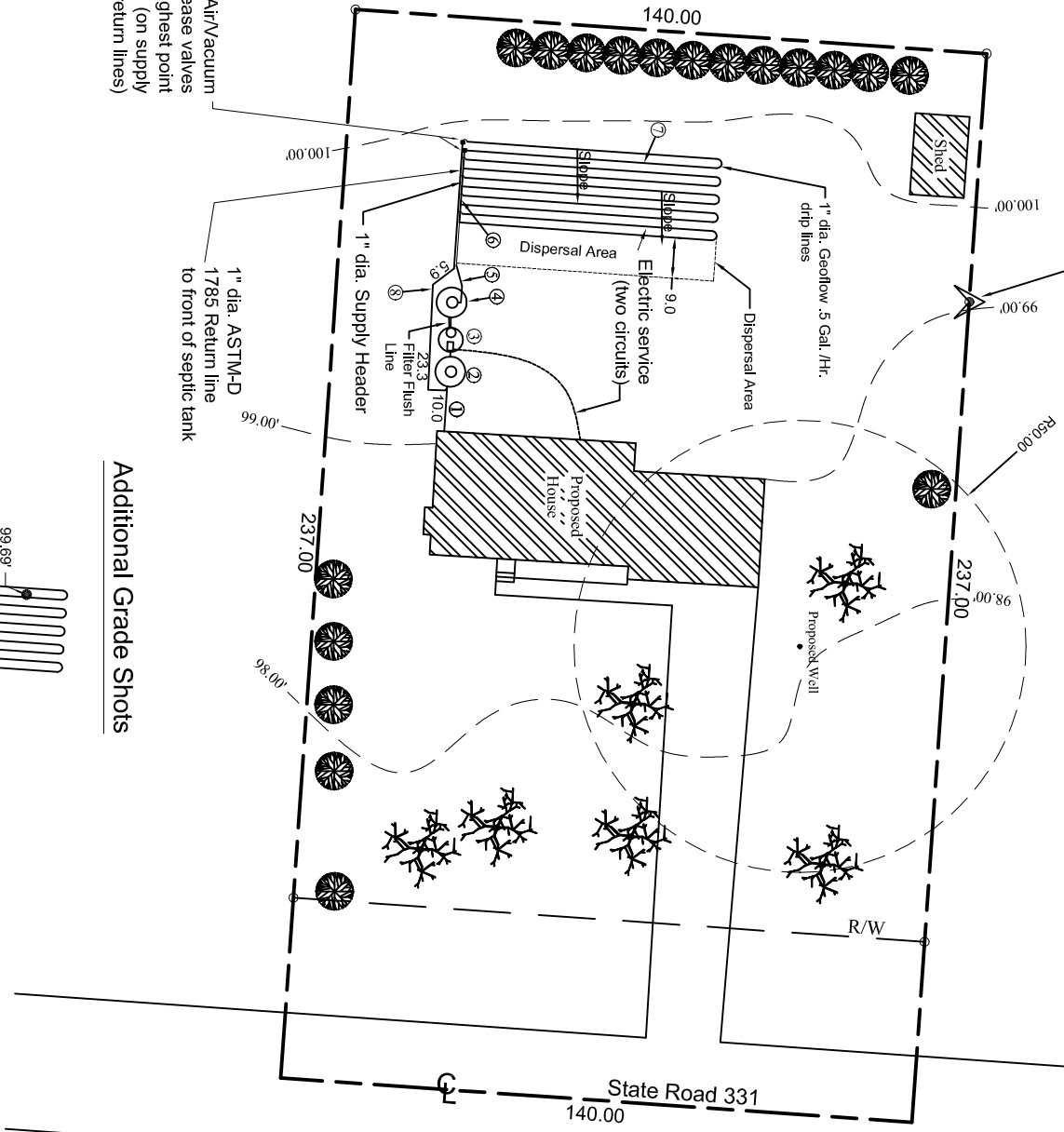


TBM 100.00' on top of orange painted wooden stake set on property line



**General Information**

- 3 Bedroom house 450 GPD flow
- Septic system requirements
- 1000 Gal. septic tank by AK Industries with riser
- 750 Gal. dosing tank by AK Industries
- 1000 Sq. Ft. of drip irrigation field
- Design:
- Five drip laterals 112 linear feet each (18 x 56 = 1,008 Sq. Ft.)
- Drip irrigation lines installed 6" below existing grade
- = Soil boring locations

Note: The four corners of the proposed drip field are flagged on-site.

**Material Key**

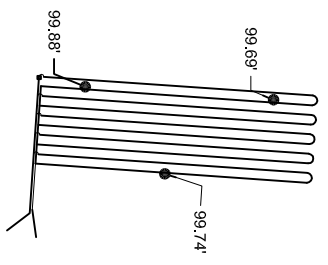
- 1 10' of 4" dia. ASTM-D 2665 Sch 40 gravity sewer to septic tank  
Also used in between tanks
- 2 1000 Gal. septic tank and riser by AK Industries
- 3 Hydro-Action AP-500 ATU complete with air pump, alarm, diffusers, etc. See page two for details.
- 4 750 Gal. dosing tank and riser by AK Industries including pump, floats, regulator, cyclone filter, water meter, etc.
- 5 22' of 1" dia. ASTM-D 1785 delivery line
- 6 16' of 1" dia. ASTM-D 1785 Delivery line/Manifold
- 7 Five drip irrigation laterals 112' long each  
Each drip line buried 6" below existing grade  
Six drip laterals 251' each. Buried 6" below ground surface
- 8 61' of 1" dia. ASTM-D 1785 drip field flush/return line to the front of the septic tank

**Elevation Key**

▲ = TBM 100.00' on top of wooden stake set on the north property line  
See other page(s) for detailed elevations

- 1 Sewer exits house at I.E. 97.50'
- 2 Sewer enters septic tank at I.E. 96.50' outlets at I.E. 96.25'
- 3 Sewer enters ATU at I.E. 96.09', Outlets at I.E. 95.84'
- 4 Sewer enters dosing tank at I.E. 95.68', Outlets at I.E. 95.43'
- 5-8 See drawing for other elevations

**Additional Grade Shots**



**MEADE SEPTIC DESIGN INC.**  
WWW.SEPTICDESIGN.COM

**Hydro-Action Industries** (574-936-2942)  
Sample Drawing only. Not for Construction

All measurements must be confirmed by the excavator prior to installation.  
Surface projection shows no signs of buried obstruction.  
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DATE 05/12/09 HYDRO1\_DRIP\_2190.DWG  
SCALE 1" = 40' PG 1/3 JOB# 2190