

Onsite Soil Consulting, LLC

Authorized Onsite Soil Evaluator

Soil Evaluation Report**Project number:** 06001**Applicant:** James M. Fraser
3905 Creekwood Place
Earlsville, VA 22936
434-825-5912**Owner:****Date:**

8/21/2006

Health Department:

Orange

Project name:"ASHLEYMARIE ESTATES" subd. of {TMP
53-19}**Lot:**

02

Site:

unified

Location: The site is on the north side of US 33, across from Chestnut Grove Church, or about 0.8 miles east of Eheart.Position in Landscape: sideslopeSlope: 8%Depth to rock or impervious strata, in.: None maximum: _____ minimum: _____Depth to seasonal water table (gray mottling or color), in.: NoneFree water present: No Range in inches: _____Percolation rate estimated: YesTexture class: IIIEstimated rate average at depth: 65Estimated rate slowest hole: 70Percolation test preformed: No

Number of percolation test holes: _____

Depth of percolation test holes: _____

Average percolation rate: _____

Comments:

hand auger evaluation

Name and title of evaluator:D. Vaughan Mairs, AOSE #182
1670 Merrifields Lane
Ruckersville, Virginia 22968
Tel: 434-973-0273, Fax: 434-964-1501

Abbreviated Drainfield Design

Estimated Perc. Rate, min./in.	65
Number of Bedrooms	3
Design Flow, gpd	490
Trench Length, ft.	100
Trench Width, ft.	3
Number of Trenches	12
On-Center Spacing, ft.	9
Usable Width of Area, ft.	102
Square Footage Required, sq. ft.	3247
Square Footage Available, sq. ft.	3600
Installation Depth, in.	48
Reserve Area Included in Design	100%

Project number	06001
Lot	02
Site	unified



Other features

- ☒ Primary and reserve areas included in this design
- ☐ Pump system required
- ☐ Low pressure system required
- ☐ Secondary treatment required
- ☐ Secondary treatment recommended
- ☒ 3C well (100' minimum from any drainfield)
- ☐ 3B well (50' minimum from any drainfield)
- ☐ Regrading of erosion features, etc. required
- ☐ Ground control not on site at time of evaluation
- ☐ Thick vegetation on site at time of evaluation
- ☐ Deeper installation may be possible with backhoe review

Other considerations

The design flow will accommodate 4 bedrooms if a conditional (reduced flow) permit is recorded.

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Sketch of: page 3 of 5

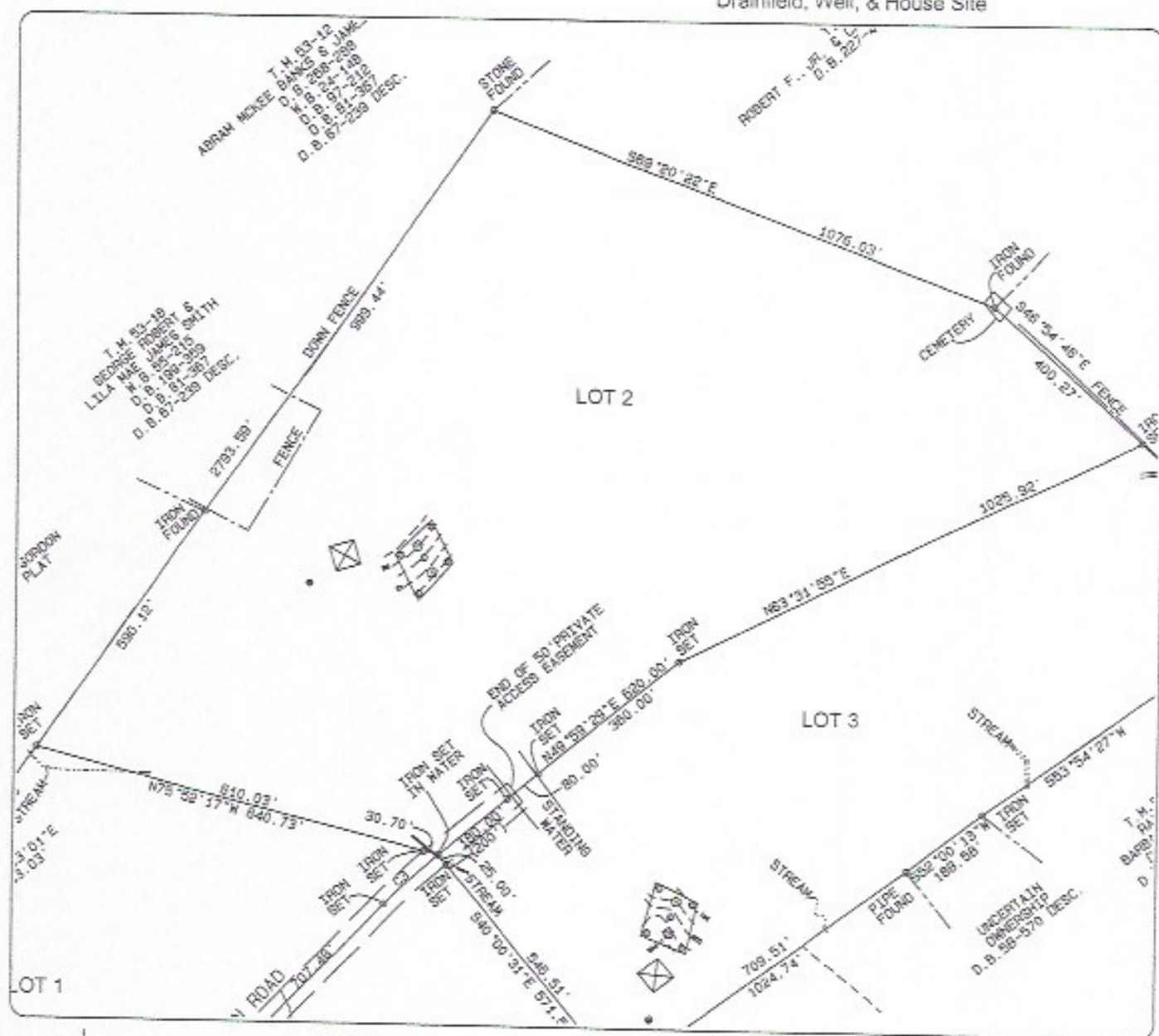
Lot 2

being a portion of

Tax Map 53, Parcel 19

showing proposed

Drainfield, Well, & House Site



Legend

- | | | | |
|--|--------------|--|----------------------|
| | = House Site | | = Drainfield |
| | = Bore Hole | | = Reserve Drainfield |
| | = Test Pit | | = Puraflo Drainfield |
| | = Well, IIIC | | = Drip System |
| | = Well, IIIB | | |



Scale: 1" = 300'

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Detail of:

Lot 2

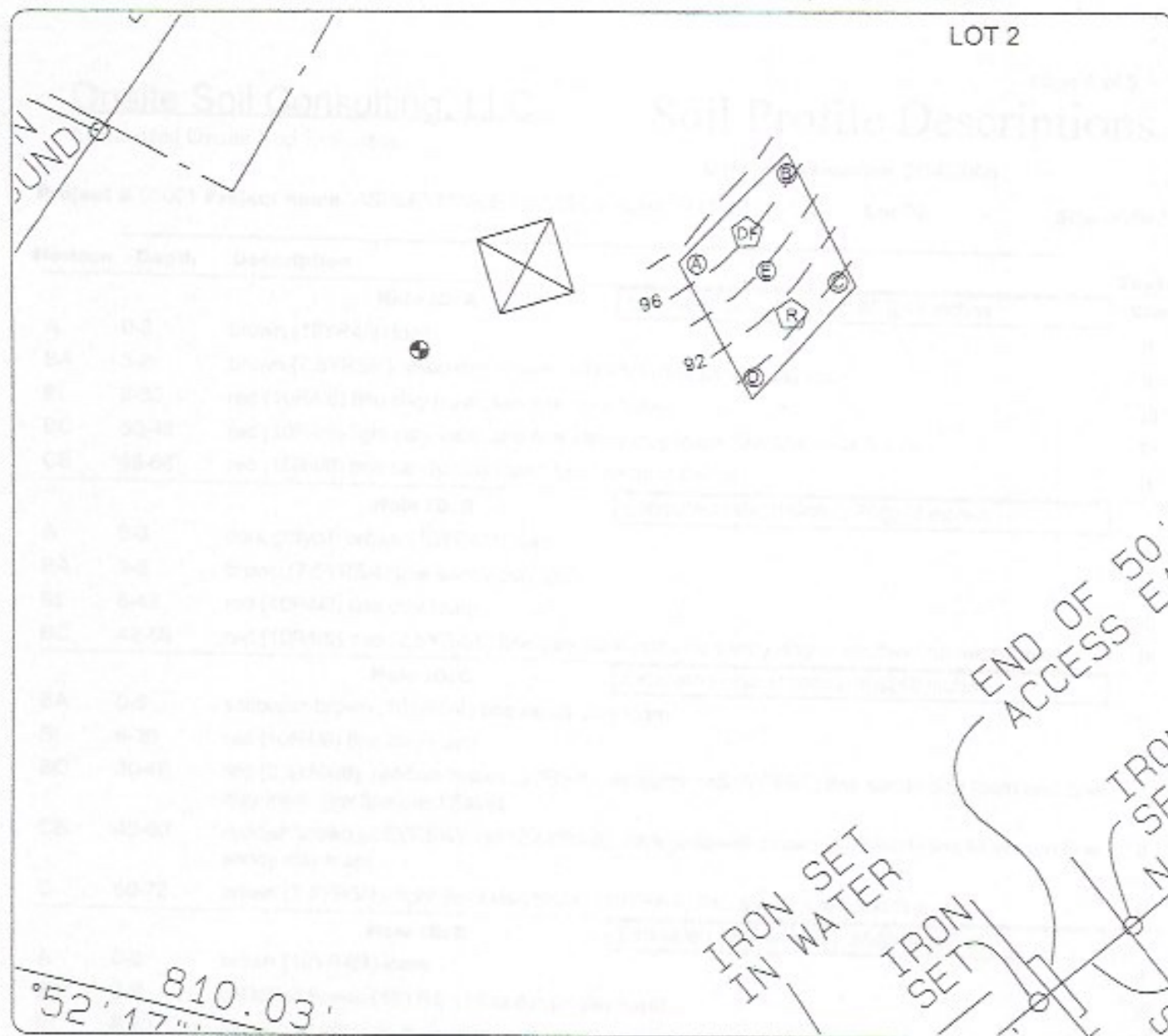
being a portion of

Tax Map 53, Parcel 19

showing proposed

Drainfield, Well, & House Site

LOT 2



Legend



= House Site



= Bore Hole



= Test Pit



= Well, IIIC



= Well, IIIB



= Drainfield



= Reserve Drainfield



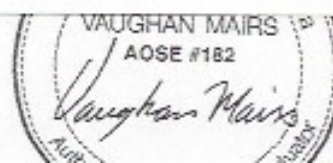
= Puraflo Drainfield



= Drip System



Scale: 1" = 100'



Certification Statement

Date: 8/21/2008

Project number: 06001

County: Orange

Site Identification: "ASHLEYMARIE ESTATES" subd. of (TMP 53-19), Lot 02 unified

Submitted by: Onsite Soil Consulting, LLC

This is to certify according to §32.1-12 and 32.1-164 of the *Code of Virginia* that work submitted for the referred property is in accordance to and complies with the *Sewage Handling and Disposal Regulations* of the Va. Department of Health. I recommend a subdivision approval be approved.

Name and title of evaluator:

D. Vaughan Mairs, AOSE #182

Signature: _____

