

Davis Soils Consulting
290 LAKEWOOD COURT
ROCKY MOUNT, VA 24151

(540) 483-4914 Office

(540) 483-1881 Fax

AOSE/PE Report for:

Construction Permit

Certification Letter

Subdivision Approval

Property Location: Snow Creek District

911 Address: _____ City: Snow Creek

Lot 1 Section 2 Subdivision Counry Ridge Estates

GPIN or Tax Map # 119-36 Health Dept. ID # _____

Latitude _____ Longitude _____

Applicant or Client and address:

Name: DALMP, LLC

Street: 8491 Floyd Hwy. N.

City Copper Hill State VA Zip Code 24079

Prepared by:

AOSE Name C. Frank Davis License # 1940 0001002

Address 290 Lakewood Ct.

City Rocky Mount State VA Zip Code 24151

PE Name _____ License # _____

Address _____

City _____ State _____ Zip Code _____

Date of Report 3/16/2012 Date of Revision #1 _____

AOSE/PE Job # _____ Date of Revision #2 _____

Contents/Index of this report (e.g., Site Evaluation Summary, Soil Profile Descriptions, Site Sketch, Abbreviated Design, etc.)

<u>1. AOSE Report</u>	<u>5. Abbreviated Design Page</u>
<u>2. Soil Summary</u>	_____
<u>3. Profile Description</u>	_____
<u>4. Plat</u>	_____

Certification Statement

I hereby certify that the evaluation and/or designs contained herein were conducted in accordance with the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630) and all other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess any professional license by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein.

The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in Code of Virginia Section 54.1-402.A.11

I recommend that a (select one): construction permit certification letter subdivision approval

be (select one) issued denied

AOSE/PE Signature Frank Davis Date 3/16/2012

Appendix 2
Soil Summary Report

GENERAL INFORMATION

Date 3/16/2012 Submitted to Franklin Co. Health Department
 Applicant DALMP, LLC Telephone No. 540-320-3429
 Address 8491 Floyd Hwy. N. Copper Hill, VA 24079
 Owner Same Address Same
 Location _____
 Tax Map 119-36 Subdivision Country Ridge Estates
 Block/Section 2 Lot 1

SOIL INFORMATION SUMMARY

1. Position in landscape satisfactory Yes No
 Describe Side Slope
2. Slope 14 %
3. Depth to rock or impervious strata: Max. +72" Min. 54" None _____
4. Depth to seasonal water table (gray mottling or gray color) No Yes _____ inches
5. Free water present No Yes _____ range in inches
6. Soil percolation rate estimated Yes No Texture group: I II III IV
 Estimated rate: 60-65 min/inch
7. Permeability test performed Yes No
- If yes, note type of test performed and attach

Site Approved: Drainfield to be placed at 36" depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
 2 Insufficient depth of suitable soil over hard rock
 3 Insufficient depth of suitable soil to seasonal water table.
 4 Rates of absorption too slow.
 5 Insufficient area of acceptable soil for required drainfield, and/or Reserve Area.
 6 Proposed system too close to well.
 7 Other Specify _____

(attach additional pages if necessary)

Profile Description
SOIL EVALUATION REPORT

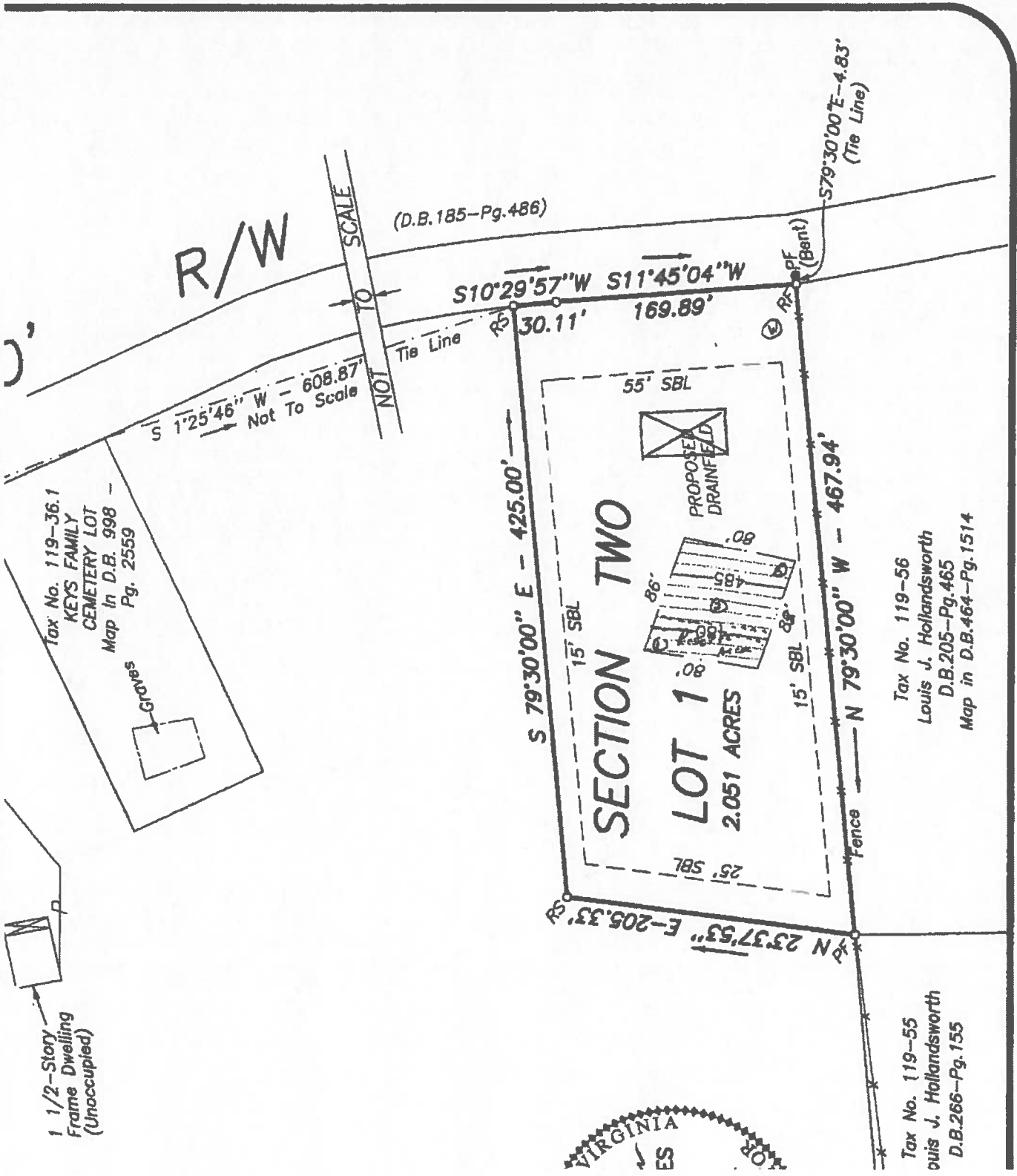
Lot# 1

See application sketch

See construction permit

X See attached

Hole #	Horizon	Depth (Inches)	Description of: color, texture, etc.	Texture Group
1	Ap	0"-6"	Brown Loam - 7.5 4/4	II
	Bt1	6"-24"	Red Clay - 2.5YR 4/6	IV
	Bt2	24"-42"	Red Clay Loam - 2.5YR 4/8	III
	C	42"-54"	Red Loam - 2.5YR	II
	Cr	54"-60"	Sericite Schist	
2	Ap	0"-8"	Brown Loam - 7.5YR 4/4	II
	Bt1	8"-24"	Red Clay - 2.5YR 4/6	IV
	Bt2	24"-48"	Red Clay Loam - 2.5YR 4/8	III
	C	48"-60"	Red Loam - 2.5YR 4/8 w/ ±15%	II
			Yellowish Brown Very Highly Weathered	
			Schist	
3	Ap	0"-8"	Brown Loam - 7.5YR 4/4	II
	Bt1	8"-24"	Red Clay - 2.5YR 4/8	IV
	Bt2	24"-54"	Red Clay Channery Loam - 2.5YR 4/8	III
	CB	54"-72"	Red "Heavy" Loam - 2.5YR 4/8	II



R/W

(D.B. 185-Pg. 486)

S 1°25'46" W = 608.87' Not To Scale

S10°29'57"W S11°45'04"W

30.11' 169.89'

S79°30'00"E - 4.83' (Tie Line)

S 79°30'00" E - 425.00'

SECTION TWO

LOT 1
2.051 ACRES

N 79°30'00" W - 467.94'



N 23°37'53" E - 205.33'

Tax No. 119-56
Louis J. Hollandsworth
D.B. 205-Pg. 465
Map in D.B. 464-Pg. 1514

Tax No. 119-55
Louis J. Hollandsworth
D.B. 266-Pg. 155

Tax No. 119-36.1
KEYS FAMILY
CEMETERY LOT
Map in D.B. 998 -
Pg. 2559

1 1/2-Story
Frame Dwelling
(Unoccupied)



Appendix 6
Abbreviated Design Form

Lot# 1

For use with gravity and pump drainfields, enhanced flow systems and low pressure distribution systems when applying for a certification letter or subdivision approval.

Design Basis

- A. Estimated Percolation Rate 60-65
- B. Trench bottom square feet required per bedroom
Table 4.6 based on Gravity LPD 480
- C. Number of bedrooms 3

Area Calculations

- D. Length of trench 80' Length of available area 80
- E. Width of trench 3'
- F. Number of trenches 6
- G. Center-to-center- spacing 10'
- H. Width required G(F-1) + E 83' Width of available area 86'
- I. Total square footage required (line B times line C) 1,440
- J. Square footage in design (D*E*F) 1,440
- K. Is a reserve area required? yes 50% No