



ACRES OF VIRGINIA, INC.

Surveyors-Engineers-Planners & Soil Consultants
404 Clay Street Lynchburg, VA 24504
Office (434) 528-4674 Fax (434) 845-1048

PURAFLO DESIGN REQUIRED

Page 1 of 5

PART OF TM# 16-A-1B
PART OF GPIN # 1594-66-0833

Appendix 7

Certification Statement

County: Pittsylvania Date: December 29, 2006

Property Identification: Eagle Pointe Shores, Phase II, Lot 98

Submitted by: Acres of Virginia, Inc.

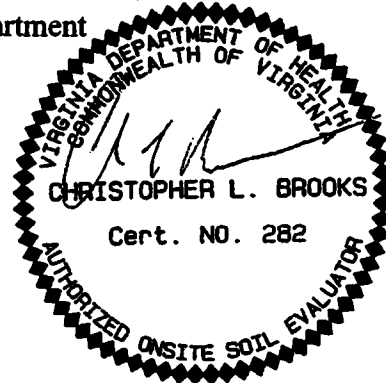
This is to certify according to §32.1-163.5 of the *Code of Virginia* that work submitted for the referred property is in accordance to and complies with the *Sewage Handling and Disposal Regulations* of the Virginia Department of Health. I recommend a certification letter¹ be approved².

AOSE Christopher L. Brooks Date: 12/29/06

Soil Consultant _____ Date: _____

¹This blank must be filled in with one of the following terms: 'permit', 'certificate letter', or 'subdivision approval'

²This blank must be filled in either the term 'approved' or 'denied'.



If the submission contains a certification by a professional engineer in consultation with an AOSE, the following statement shall be signed and sealed.

I hereby certify that the evaluations and designs contained herein (refer to subdivision, lot, etc.) were conducted in accordance with the *Sewage Handling and Disposal Regulations* (12 VAC 5-610-20 et seq., the "Regulations") and the policies of the Virginia Department of Health for implementation of those *Regulations*. Furthermore, I certify that the evaluations and designs comply with the minimum requirements of the *Regulations*.

I recommend a ¹ certification letter be ² approved

Licensed PE: R. J. Hewlett, Jr. Date: 12/29/06
Seal

¹This blank must be filled in with one of the following items: 'permit', 'certification letter', or 'subdivision approval'

²This blank must be filled in either the term 'approved' or 'denied'.



Appendix 6
Abbreviated Design Form

PURAFLO DESIGN REQUIRED

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

70

B. Trench bottom square feet
required per bedroom (from
Table 4.6 based on ☐ Gravity ☐ LPD ☒ Other-Puraflo)
Waste water pump required ☒ Yes ☐ No

$450 \div 0.80 = 562.50 \div 3 = 187.50$
per Puraflo requirements

C. Number of bedrooms

3

Area calculations

D. Length of trench 47'

Length of available area 47'

E. Width of trench 1.5'

F. Number of trenches 8

G. Center-to-center spacing 4.5'

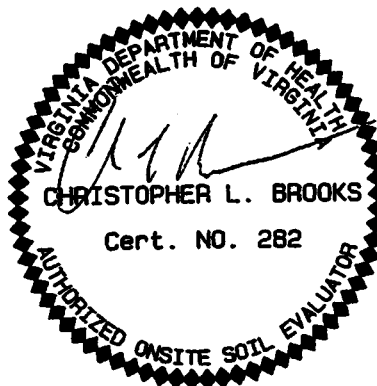
H. Width required 33'

Width of available area 51'

I. Total square footage required 562.50

J. Square footage in design 564

K. Is a reserve area required? ☒ Yes ☐ No



Acres of Virginia, Inc.
Surveyors-Engineers
404 Clay Street
Lynchburg, VA 24505
434-528-4674



Christopher L. Brooks/AOSE #282

Certification letter

SOIL EVALUATION FORM

DATE: December 29, 2006

PHONE NO: (434) 528-4674

COMM. NO. DF 051020

APPLICATION: Eagle Pointe Shores, LLC/Acres of Virginia, Inc.

ADDRESS: 404 Clay Street, Lynchburg, Virginia 24504

LOCATION: Greenberry Drive, Pittsylvania County, Virginia

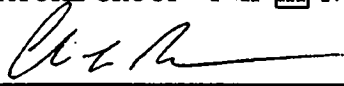
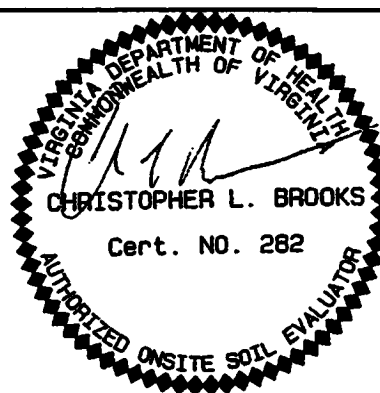
SUBDIVISION: Eagle Pointe Shores, Phase II

Lot: 98

PART OF TM# 16-A-1B

PURAFLO DESIGN REQUIRED

PART OF GPIN# 1594-66-0833

SLOPE: 9 %ESTIMATED PERC RATE: 70 MINUTES/INCHTEXTURE GROUP I II ☒ III IV

 Christopher L. Brooks/AOSE


HOLE #	HORIZON	DEPTH (IN.)	DESCRIPTION OF COLOR, TEXTURE, ETC.	TEXTURE GROUP
556	A	0-2	Brown (7.5 yr 5/4) loam topsoil with leaves and roots	IIb
	Bt ₁	2-12	Strong Brown (7.5 yr 5/8) clay loam with roots	III
	Bt ₂	12-30	Strong Brown (7.5 yr 5/8) clay loam with 25% weathered rock	III
	Cr	30-	Approaching greater than 50% weathered rock	
557	A	0-2	Brown (7.5 yr 5/4) loam topsoil with leaves and roots	IIb
	Bt ₁	2-12	Strong Brown (7.5 yr 4/6) clay loam	III
	Bt ₂	12-28	Strong Brown (7.5 yr 5/8) clay loam with 20% weathered rock	III
	Cr	28-	Approaching greater than 50% weathered rock	

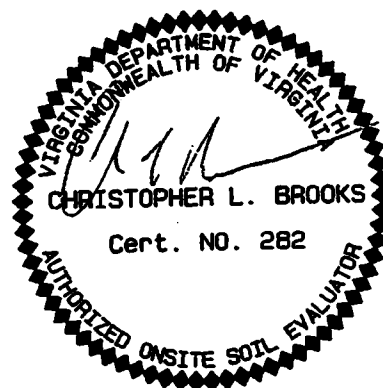
557A	Ap	0-4	Brown (7.5 yr 5/4) loam	IIb
	Bt ₁	4-20	Brown (7.5 4/6) clay loam	III
	Bt ₂	20-40	Red (10 R 4/8) clay loam	III

**RECOMMEND INSTALLING 8 - 47 FT. LINES
AT 15 INCHES ON 4.5 FT. CENTERS**

PURAFLO DESIGN REQUIRED



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DISCLAIMER: During construction of drainfield, contractor must comply with all O.S.H.A. regulations and safety requirements.

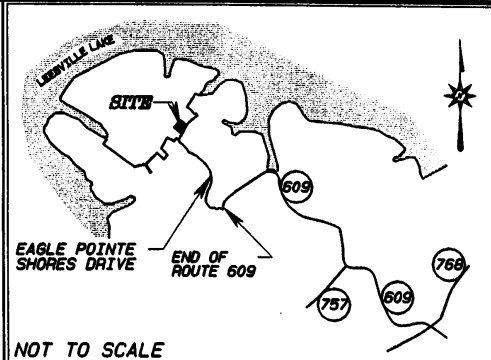
LEGEND:

ORANGE WIRE FLAGS

PINK WIRE FLAGS

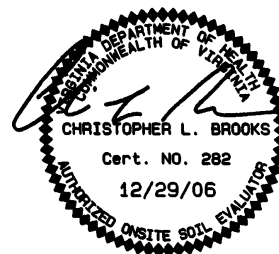
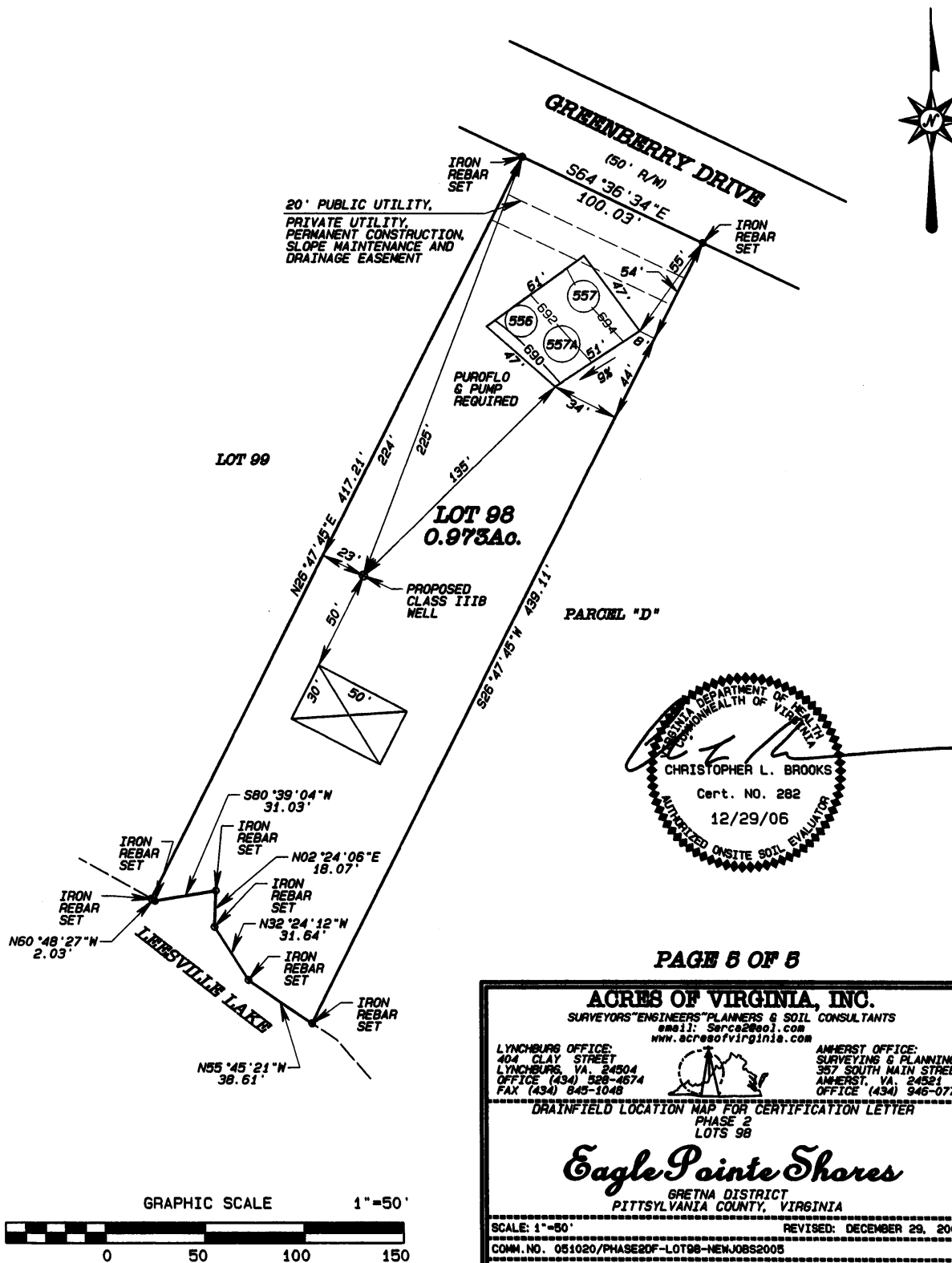


- DRAINFIELD CORNER
- SOIL DESCRIPTION APERTURES
- DWELLING
- PROPOSED WELL CLASS IIIB



NOT TO SCALE

VICINITY MAP



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ACRES OF VIRGINIA, INC.
SURVEYORS/ENGINEERS/PLANNERS & SOIL CONSULTANTS
email: Service@acresofvirginia.com
www.acresofvirginia.com

LYNCHBURG OFFICE:
404 CLAY STREET
LYNCHBURG, VA 24504
OFFICE (434) 526-4674
FAX (434) 845-1048

AMHERST OFFICE:
SURVEYING & PLANNING
357 SOUTH MAIN STREET
AMHERST, VA 24521
OFFICE (434) 946-0770

DRAINFIELD LOCATION MAP FOR CERTIFICATION LETTER
PHASE 2
LOTS 98

Eagle Pointe Shores
GRETNIA DISTRICT
PITTSYLVANIA COUNTY, VIRGINIA

SCALE: 1"=50' REVISED: DECEMBER 29, 2006
COMM. NO. 051020/PHASE2DF-LOT98-NEWJOB52005
TAX MAP 18-A-1B AND 18-B-1 DATA COLLECTION