



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-2B

PART OF GPIN # 1594-96-3669

Appendix 7

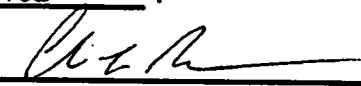
Certification Statement

County: Pittsylvania Date: August 13, 2007

Property Identification: Eagle Pointe Shores, Phase III, Lot 173

Submitted by: Acres of Virginia, Inc.

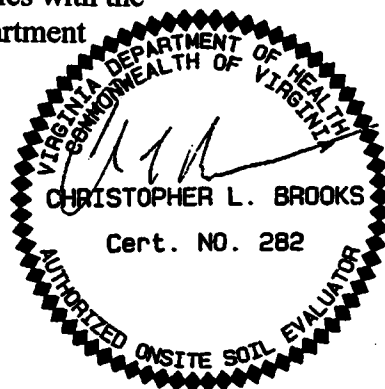
This is to certify according to §32.1-163.5 of the *Code of Virginia* that work submitted for the referred property is in accordance to and complies with the *Sewage Handling and Disposal Regulations* of the Virginia Department of Health. I recommend a certification letter¹ be approved².

AOSE  Date: 8/13/07
Christopher L. Brooks

Soil Consultant _____ Date: _____

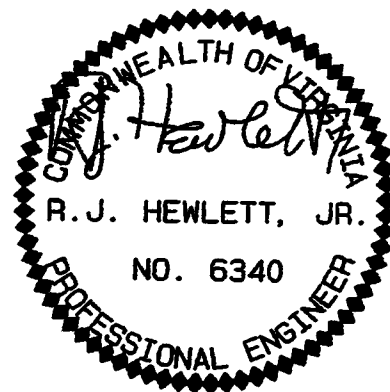
¹This blank must be filled in with one of the following terms: 'permit', 'certificate letter', or 'subdivision approval'

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

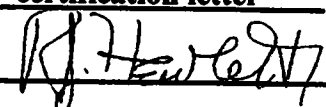


If the submission contains a certification by a professional engineer in consultation with an AOSE, the following statement shall be signed and sealed.

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 certification letter¹ be approved²

Licensed PE:  Date: 8/13/07
Seal

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

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

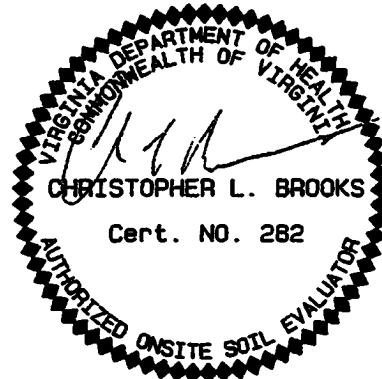
65

$450 \div 0.68 = 661.7647 \div 3 = 220.5882$
per Puraflo requirements

3

Area calculations

- D. Length of trench 75'
- Length of available area 75'
- E. Width of trench 3'
- F. Number of trenches 3
- G. Center-to-center spacing 9'
- H. Width required 21'
G(F-1) + E
Width of available area 75'
- I. Total square footage required 661.7647
(line B times line C)
- J. Square footage in design 675
(D*E*F)
- 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

SOIL EVALUATION FORM

DATE: August 13, 2007

PHONE NO: (434) 528-4674

COMM. NO. DF 051020

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

ADDRESS: 404 Clay St., Lynchburg, VA. 24504

LOCATION: Dylan Court, Pittsylvania County, Virginia

SUBDIVISION: Eagle Pointe Shores, Phase III

Lot: 173

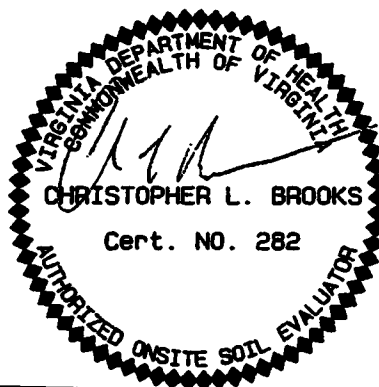
PART OF TM# 16-A-2B

PART OF GPIN# 1594-96-3669

PURAFL0 DESIGN REQUIRED

SLOPE: 16 %ESTIMATED PERC RATE: 65 MINUTES/INCHTEXTURE GROUP I II III IV

Christopher L. Brooks/AOSE #282



HOLE #	HORIZON	DEPTH (IN.)	DESCRIPTION OF COLOR, TEXTURE, ETC.	TEXTURE GROUP
1140	A	0-6	Strong Brown (7.5 yr 5/8) loam with few roots	IIb
	Bt ₁	6-30	Dark Red (10 R 3/6) clay loam with few roots	III
	C ₁	30-46	Yellowish Red (5 yr 5/8) loam with 20% friable weathered rock	IIb
1141	A	0-7	Strong Brown (7.5 yr 5/8) loam with few roots	IIb
	Bt ₁	7-35	Red (10 R 4/6) clay loam with Reddish Yellow (5 yr 5/8) variegation and 20% weathered rock	III

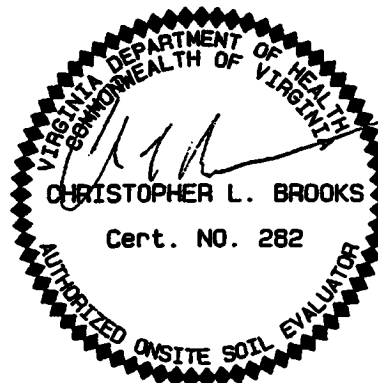
1142	A	0-6	Strong Brown (7.5 yr 5/8) loam with few roots	IIb
	Bt ₁	6-32	Red (10 R 4/6) light clay loam with moderate subangular blocky structure and 20% friable weathered rock	III
	Cr	32-	Approaching greater than 50% weathered rock	

**RECOMMEND INSTALLING 3 - 75 FT. LINES
AT 16 INCHES ON 9 FT. CENTERS**

PURAFLO DESIGN REQUIRED



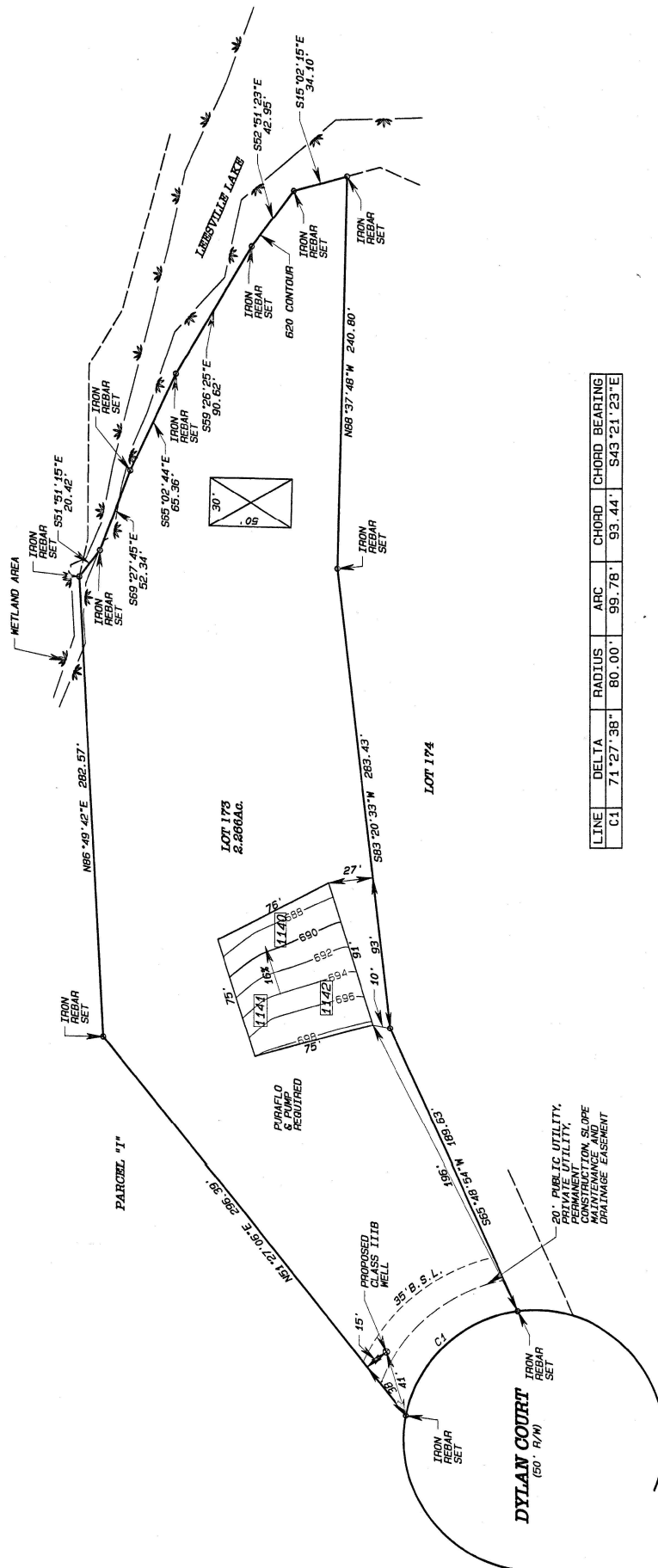
Christopher L. Brooks/AOSE #282



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

LEGEND:

- ORANGE WIRE FLAGS = DRAINFIELD CORNER
- PINK WIRE FLAGS = SOIL DESCRIPTION OPERATURES
- DMELLING
- PROPOSED WELL CLASS IIIB



LINE	DELTA	RADIUS	ARC	CHORD	CHORD BEARING
C1	71°27'38"	80.00'	99.78'	93.44'	S43°21'23"E

PAGE 5 OF 5

ACRES OF VIRGINIA, INC.
SURVEYORS/ENGINEERS/PLANNERS & SOIL CONSULTANTS
WWW.ACRESOFVIRGINIA.COM

LYNCHBURG OFFICE: 404 CLAY STREET, LYNCHBURG, VA 24504
OFFICE (434) 528-4624
FAX (434) 846-1048
AMHERST OFFICE: 100 WEST MAIN STREET, AMHERST, VA 24521
OFFICE (434) 946-0770



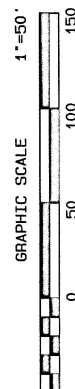
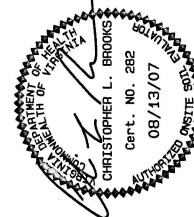
DRAINFIELD LOCATION MAP FOR CERTIFICATION LETTER
PAGES 3
LOTS 173

Eagle Pointe Shores

GRETNA DISTRICT
PITTSYLVANIA COUNTY, VIRGINIA

SCALE: 1"=50'
DATE: AUGUST 13, 2007
CDON NO. 051020/PHASE/LOT173-NEWJSS2005

PART OF OPTN1594-96-3689 DATA COLLECTION





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PURAFLO DESIGN REQUIRED

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Appendix 7

Certification Statement

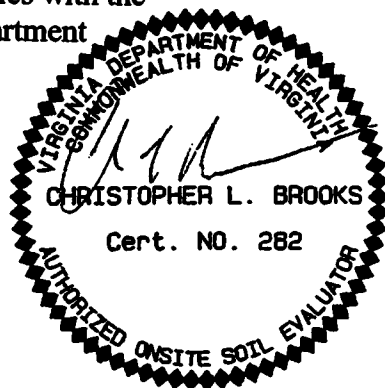
County: Pittsylvania Date: August 13, 2007

Property Identification: Eagle Pointe Shores, Phase III, Lot 174

Submitted by: Acres of Virginia, Inc.

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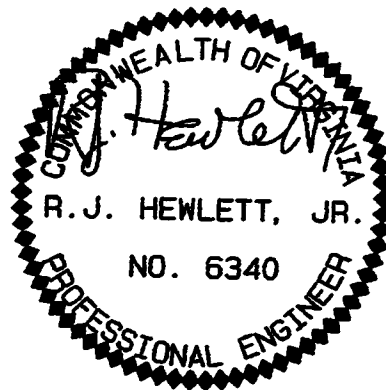
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I recommend a ¹ certification letter be ² approved

Licensed PE: R. J. Hewlett, Jr. Date: 8/13/07
Seal

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Waste water pump required ☒ Yes ☐ No
- C. Number of bedrooms

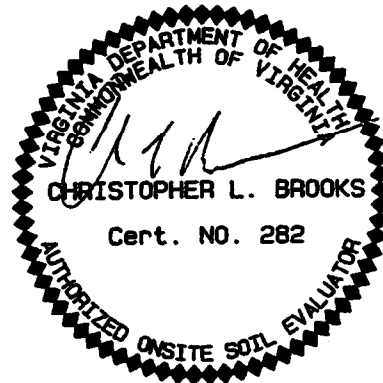
65

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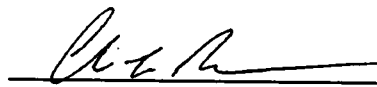
3

Area calculations

- D. Length of trench 93'
- Length of available area 93'
- E. Width of trench 3'
- F. Number of trenches 3
- G. Center-to-center spacing 9'
- H. Width required 21'
G(F-1) + E
Width of available area 44'
- I. Total square footage required 661.7647
(line B times line C)
- J. Square footage in design 837
(D*E*F)
- K. Is a reserve area required? ☒ Yes ☐ No



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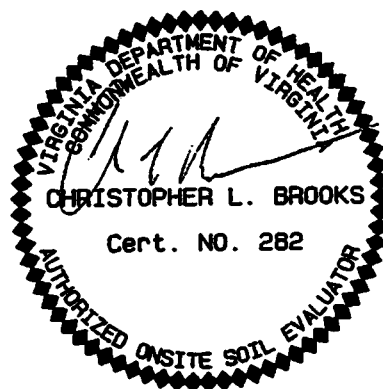
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PART OF GPIN# 1594-96-3669

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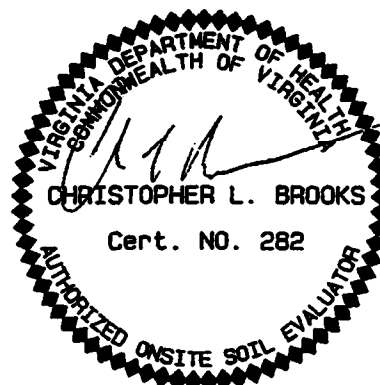
HOLE #	HORIZON	DEPTH (IN.)	DESCRIPTION OF COLOR, TEXTURE, ETC.	TEXTURE GROUP
1153	A	0-6	Brown (7.5 yr 4/6) loam with few roots	IIb
	Bt ₁	6-24	Red (10 R 4/6) clay loam with moderate subangular blocky structure and fine roots	III
	Bt ₂	24-48	Red (10 R 4/8) clay loam with Reddish Yellow (10 R 6/8) mottles due to parent material	III
1154	A	0-6	Brown (7.5 yr 4/6) loam with few roots	IIb
	Bt ₁	6-36	Red (10 R 4/6) clay loam with 20% weathered rock and moderate subangular blocky structure	III
	Cr	36-	Approaching greater than 50% weathered rock	

1155	A	0-7	Brown (7.5 yr 4/6) loam with few roots	IIb
	Bt ₁	7-39	Red (10 R 4/6) clay loam with moderate subangular blocky structure and 10% weathered rock	III
	Cr	39-	Approaching greater than 50% weathered rock	

**RECOMMEND INSTALLING 3 - 93 FT. LINES
AT 18 INCHES ON 9 FT. CENTERS**

PURAFLO DESIGN REQUIRED

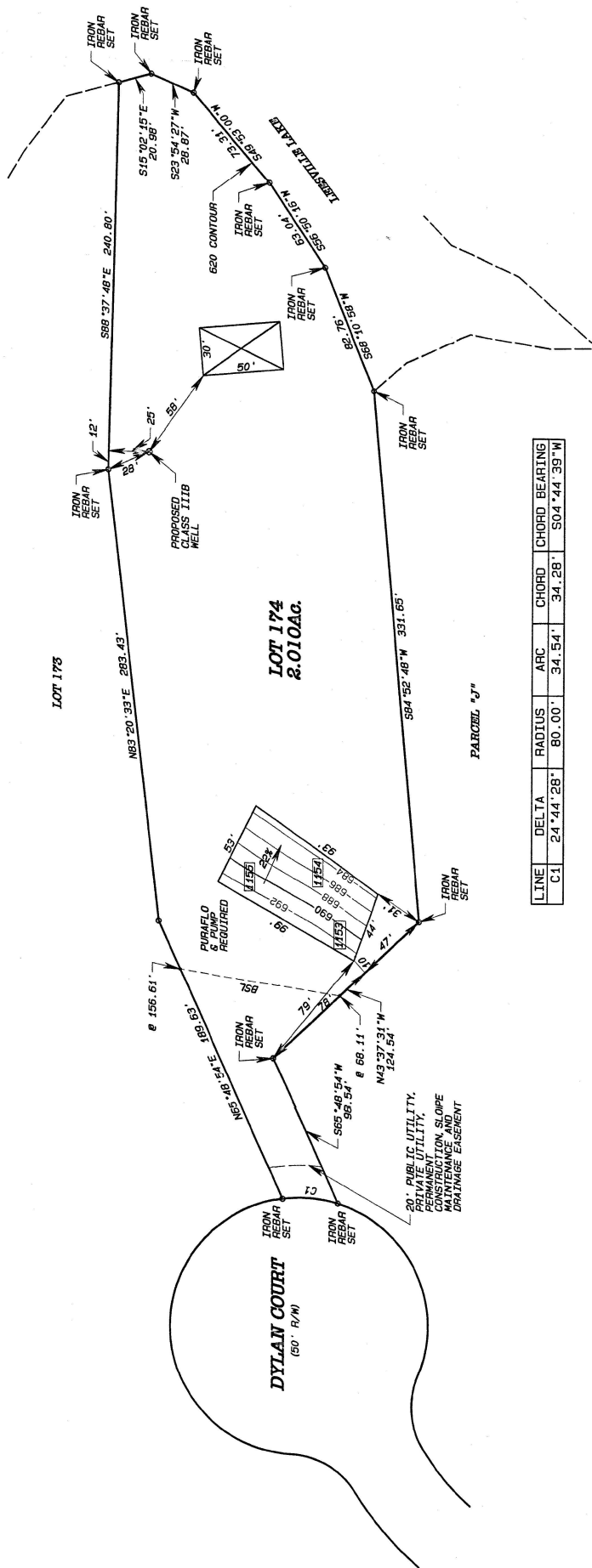

Christopher L. Brooks/AOSE #282



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LEGEND:

- ORANGE WIRE FLAGS
- PINK WIRE FLAGS
- SOIL DESCRIPTION APERTURES
- DWELLING
- PROPOSED WELL CLASS IIIB

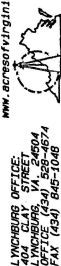


LINE	DELTA	RADIUS	ARC	CHORD	CHORD BEARING
C1	24°44'28"	80.00'	34.54'	34.28'	S04°44'39"W

PAGE 5 OF 5

ACRES OF VIRGINIA, INC.

SURVEYORS' ENGINEERS' PLANNERS & SOIL CONSULTANTS
1001 CLAY STREET
LYNCHBURG, VA 24004
PHONE (434) 845-1000
FAX (434) 845-1008
WWW.ACRESOFVIRGINIA.COM



Eagle Pointe Shores
GREENHURST DISTRICT
PITTSYLVANIA COUNTY, VIRGINIA

DATE: AUGUST 13, 2007

SCALE: 1"=50'

CONTRACT NO. 051020/PHASE 3 OF LOT 174 - NEW JONES ROAD

PART OF 6P1N1584-96-3658

DATA COLLECTION

