



SOIL AND ENVIRONMENTAL TECHNOLOGY, INC  
 111 N. Franklin Street, Christiansburg, VA 24073  
 Phone: (540) 381-0309 Fax: (540) 381-9430  
 E-mail: setec@soilandenvironmentaltechnology.com

## OSE Report for Subdivision

### Property Identification:

County: Pittsylvania  
 Subdivision: Sanctuary Pointe  
 Lot #: 1-35  
 Tax Map ID: 1563-62-7707, 1563-63-5816, 1563-75-7300 & -5535

### Directions to the Property:

US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, +/- 0.5 miles to property on L

### Applicant and Their Address:

Plyer Properties, Inc. & Smith Mountain Development, LLC  
 13697 Booker T. Washington Hwy, Suite 109A  
 Moneta, VA 24121

### Applicants Phone Number:

(540) 537-3865 Erik Plyer

### Date of this report:

6/4/2021

### Contents of this report:

|   |  |  |   |
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| <b>Soil Information Summary</b>                     | Pages: 2, 7, 11, 15, 19, 24, 28, 33, 37, 41, 46, 51, 55, 59, 63, 67, 71, 76, 81, 85, 89, 94, 99, 103, 108, 113, 118, 123, 127, 132, 137, 142, 147, 152, 157  | <b>Plat w/ House Site</b>                                | Pages: 5, 10, 14, 18, 22, 27, 31, 36, 40, 44, 49, 54, 58, 62, 66, 70, 74, 79, 84, 88, 92, 97, 102, 106, 111, 116, 121, 126, 130, 135, 140, 145, 150, 155, 160 |
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| <b>Primary/Reserve Design Specifications</b>        | Pages: 4, 9, 13, 17, 21, 26, 30, 35, 39, 43, 48, 53, 57, 61, 65, 69, 73, 78, 83, 87, 91, 96, 101, 105, 110, 115, 120, 125, 129, 134, 139, 144, 149, 154, 159 | <b>Blank Pages</b>                                       | Pages 162-163   |

### Certification Statement:

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the *applicable provisions of the Sewage Handling and Disposal Regulations (12 VAC5-610)*, the *Private Well Regulations (12 VAC5-630)*, The *Regulations for Alternative Onsite Sewage Systems (12VAC5-613)* 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 required 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 potential to both conventional and alternative onsite sewage systems has been discussed with the owner/applicant.

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 a **subdivision** be approved.

OSE

David Hall (1127)



The property lines and building location and proposed sewage disposal area are clearly marked and the property is sufficiently visible to see the topography. I give permission to the Virginia Department of Health to enter onto the property described during normal business hours for the purpose of processing this application and to perform quality assurance checks of evaluations and designs certified by a private sector Onsite Soil Evaluator or Professional Engineer as necessary until the sewage disposal system and/or private water supply has been constructed and approved.

Signature of Owner/Agent

Date

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**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 1  
 Acreage: 1.231

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 8 %
3. Depth to rock/impervious strata: Max. >95" Min. 90" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield located in an easement on Sanctuary Village – Lot 20. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

Pittsylvania County Health Department

See construction permit

**Lot:** 1 (1.231 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 2-12       | Strong Brown (7.5YR 4/6) Sandy Loam                                  | 2             |
|         | Bt      | 12-36      | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 36-48      | Red (2.5YR 4/6) Loam   | 2             |
|         | C       | 48-92      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes               | 2             |
| Auger 2 | A       | 0-3        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 3-12       | Strong Brown (7.5YR 4/6) Sandy Loam                                  | 2             |
|         | Bt      | 12-36      | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 36-43      | Red (2.5YR 4/6) Loam   | 2             |
|         | C1      | 43-55      | Red (2.5YR 4/6) Loam w/ many mica flakes                             | 2             |
|         | C2      | 55-90      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes               | 2             |
| Auger 3 | A       | 0-4        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | Bt      | 4-24       | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 24-46      | Red (2.5YR 4/6) Loam   | 2             |
|         | C1      | 46-60      | Red (2.5YR 4/6) Loam w/ many mica flakes                             | 2             |
|         | C2      | 60-95      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes               | 2             |

Applicants:

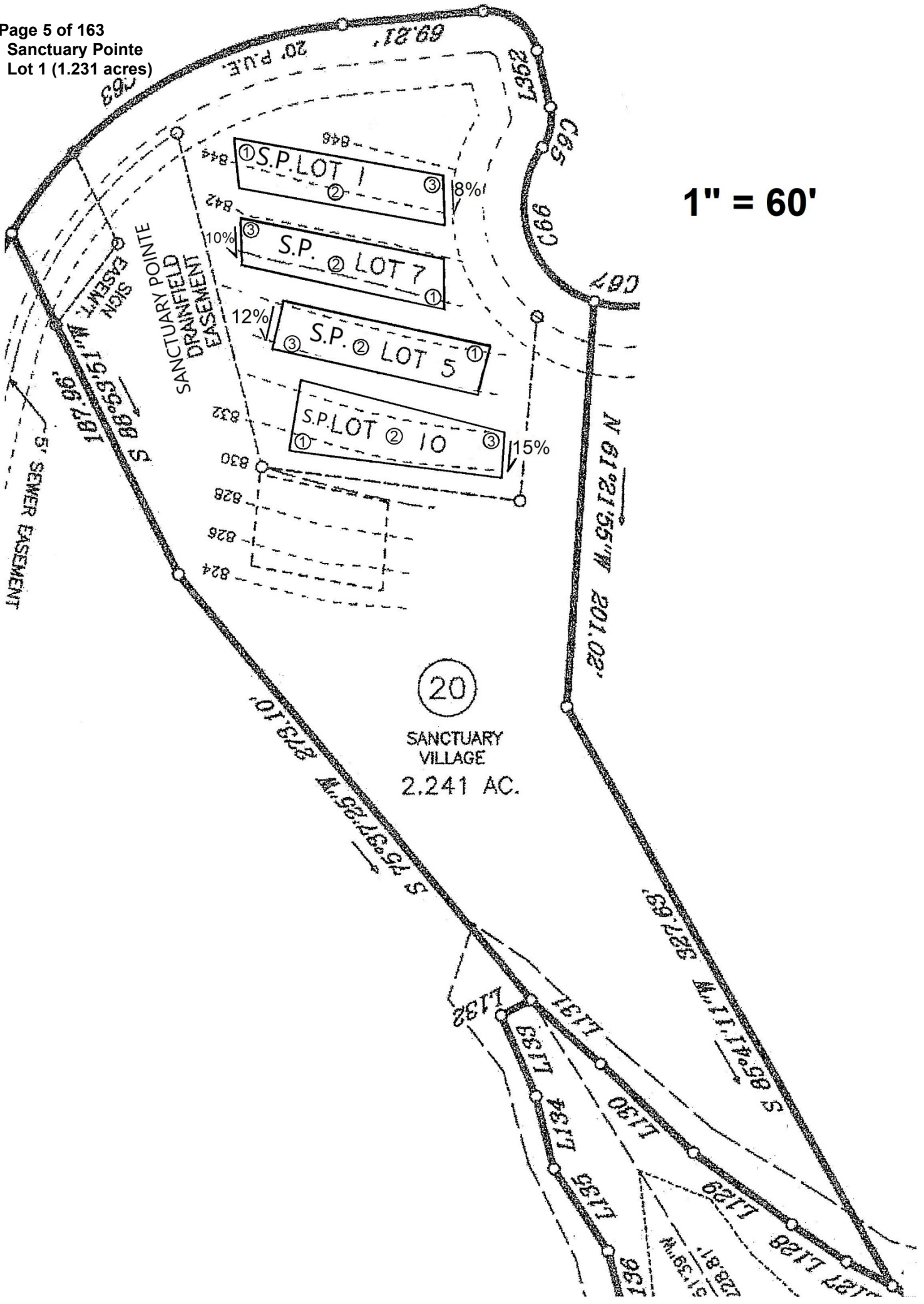
Subdivision: Sanctuary Pointe

Lot: 1 (1.231 acres)

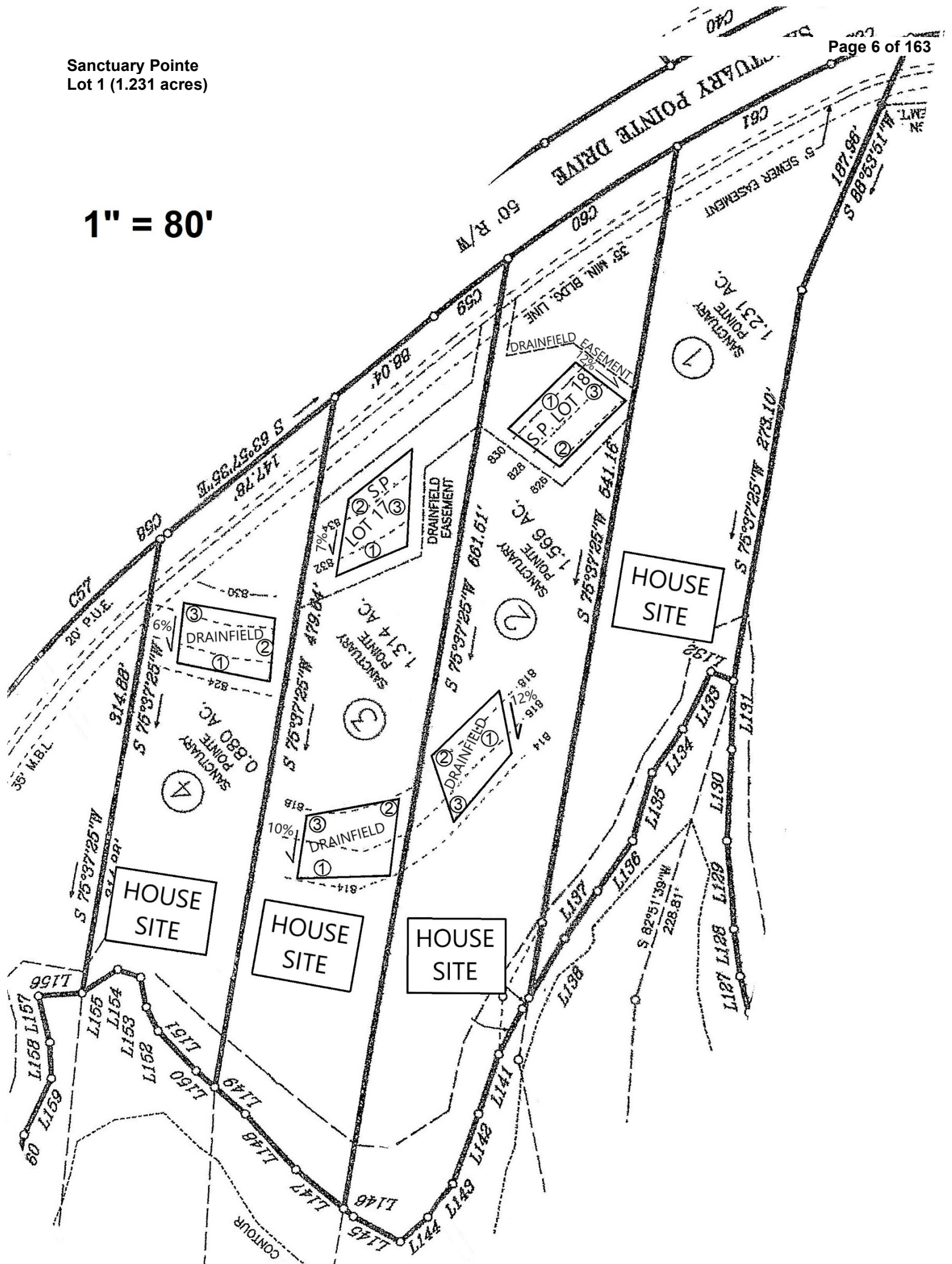
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                  | Reserve DF  |                        |
|---|------------------|---|------------------------|
| Type of system                                      | Pump DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35               | Type of Reserve                                     | N/A                    |
| Slope %   | 8                | EPR   | N/A                    |
| # Bedrooms  | 3                | Slope %   | N/A                    |
| Gallons/Day   | 450              | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286              | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300              | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858              | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900              | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100              | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No               | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10               | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23               | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60               | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A              | Type of Well Recommended                            | Community Water Supply |
|   |                  | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



1" = 80'





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### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 2  
 Acreage: 1.566

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >90" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/24/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 2 (1.566 acres)

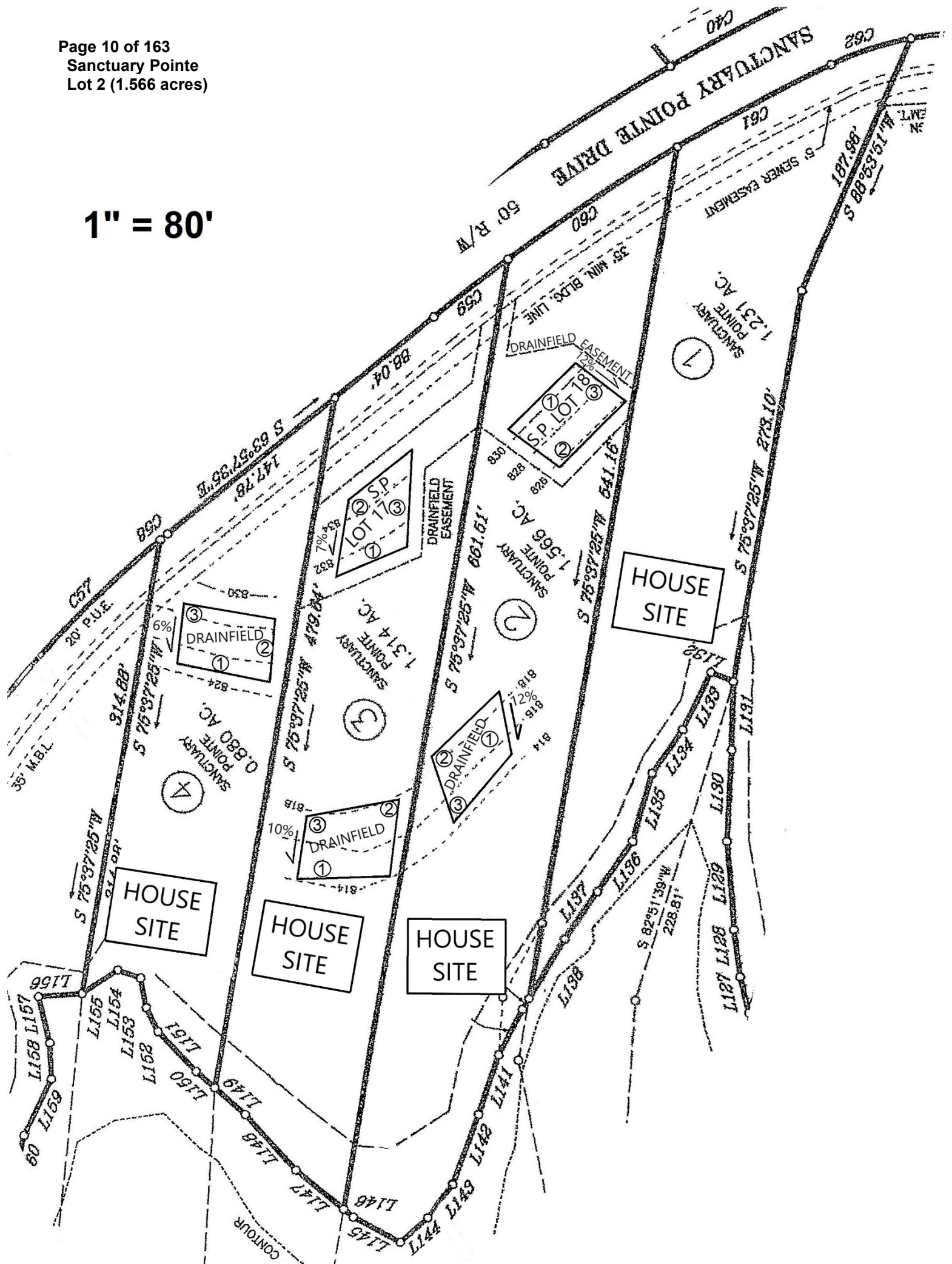
| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-4        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 4-30       | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 30-60      | Dark Red (2.5YR 3/6) Loam   | 2             |
|         | C       | 60-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 2 | A       | 0-6        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 6-26       | Dark Red (2.5YR 3/6) Clay Loam, Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 26-40      | Red (2.5YR 4/6) Loam w/ many mica flakes                                  | 2             |
|         | C1      | 40-50      | Reddish Brown (5YR 5/4) Loam w/ many mica flakes                          | 2             |
|         | C2      | 50-90      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 3 | A       | 0-12       | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 12-30      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 30-56      | Dark Red (2.5YR 3/6) Loam   | 2             |
|         | C       | 56-90      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 2 (1.566 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |      | <b>Reserve DF</b>                                   |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 12   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 80'





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### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 3  
 Acreage: 1.314

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 10 %
3. Depth to rock/impervious strata: Max. >90" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/7/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 3 (1.314 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | BA      | 0-10       | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 10-36      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 36-50      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 50-84      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes                          | 2             |
| Auger 2 | A       | 0-2        | Dark Brown (7.5YR 3/4) Sandy Loam                                       | 2             |
|         | BA      | 2-8        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 8-45       | Red (2.5YR 5/8) Channery Clay Loam; 25% coarse fragments                | 3             |
|         | BC      | 45-70      | Red (2.5YR 4/8) Loam w/ many mica flakes                                | 2             |
|         | C       | 70-84      | Brown (10YR 5/3) Sandy Loam   | 2             |
| Auger 3 | A       | 0-10       | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 10-36      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 36-50      | Red (2.5YR 4/6) Channery Loam w/ many mica flakes; 25% coarse fragments | 2             |
|         | C       | 50-90      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes                          | 2             |

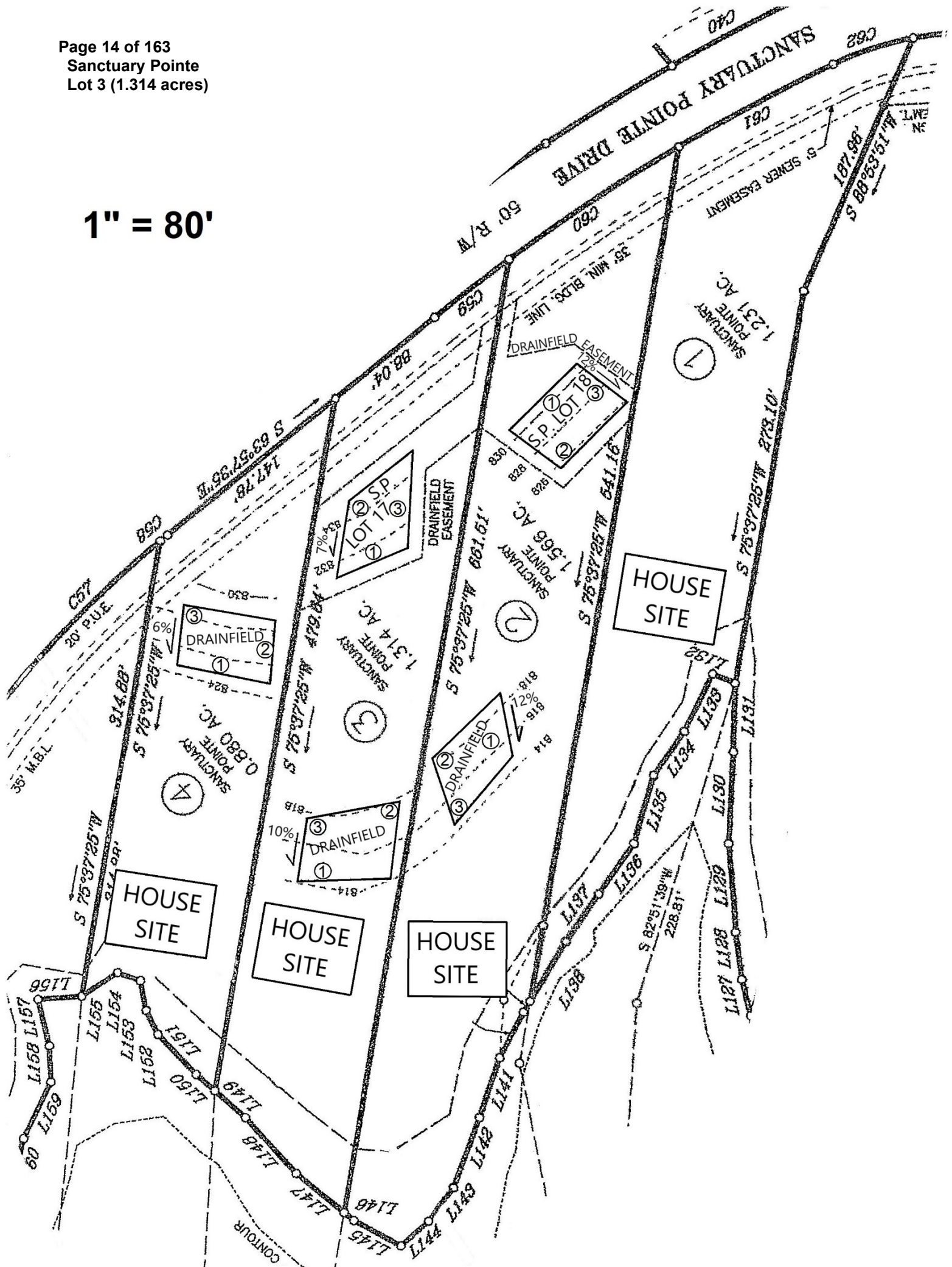
Applicants:

Subdivision: Sanctuary Pointe

Lot: 3 (1.314 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 10   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |





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 Subdivision: Sanctuary Pointe Lot: 4  
 Acreage: 0.880

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 6 %
3. Depth to rock/impervious strata: Max. >90" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/7/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

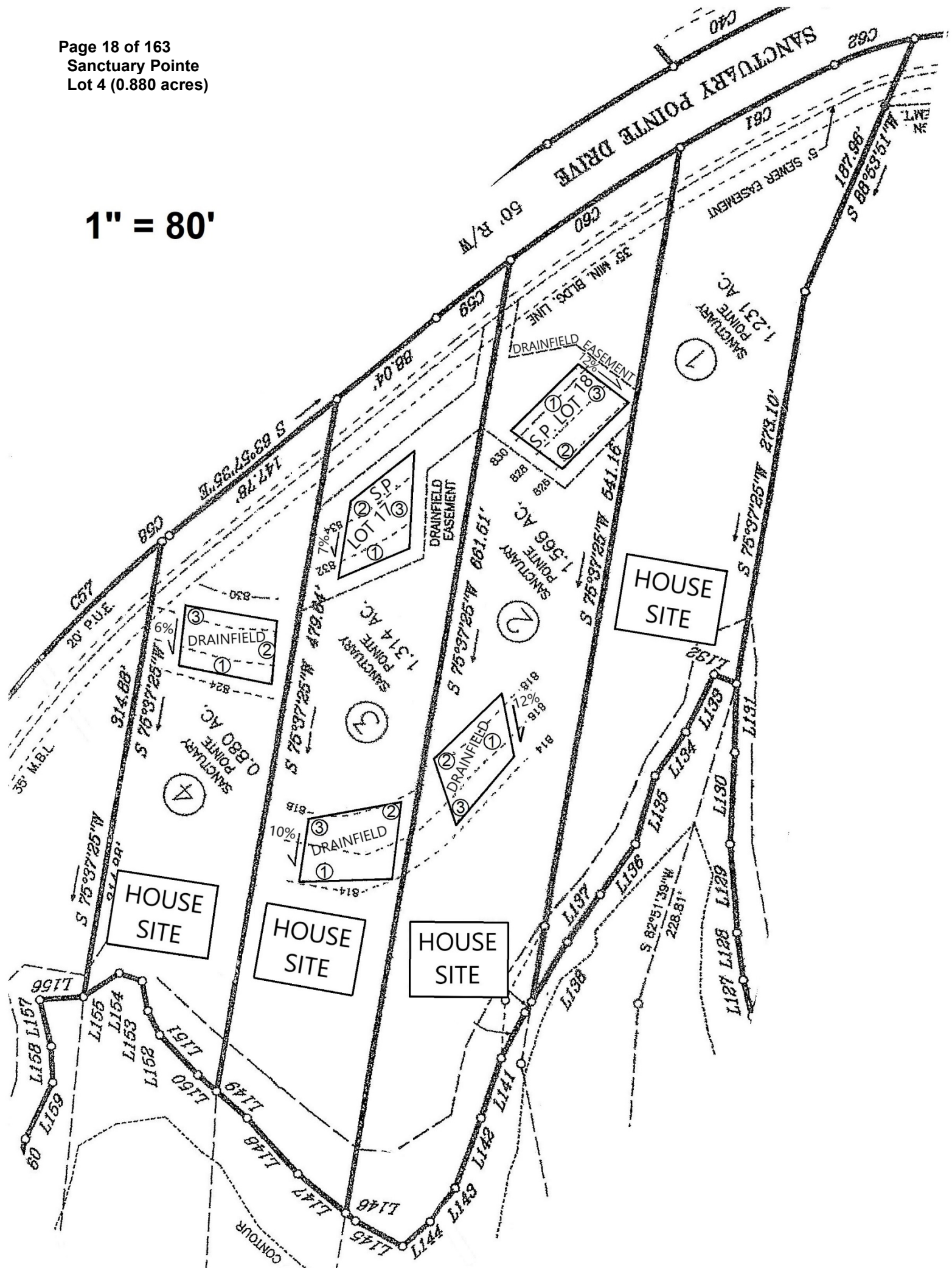
**Lot:** 4 (0.880 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-4        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | BA      | 4-12       | Yellowish Red (5YR 5/8) Sandy Loam  | 2             |
|         | Bt      | 12-45      | Dark Red (2.5YR 3/6) Clay   | 4             |
|         | BC      | 45-54      | Red (2.5YR 4/8) Clay Loam w/ many mica flakes                                   | 3             |
|         | C       | 54-90      | Red (2.5YR 4/6) Loam w/ many mica flakes  | 2             |
| Auger 2 | Oi      | 0-4        | Brown (10YR 4/3) Organic Soil   | -             |
|         | BA      | 4-10       | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 10-30      | Red (2.5YR 5/8) Clay  | 4             |
|         | C1      | 30-42      | Yellowish Red (5YR 5/8) gravelly Loam w/ many mica flakes; 20% coarse fragments | 2             |
|         | C2      | 42-84      | Brown (7.5YR 4/4) Sandy Loam w/ many mica flakes                                | 2             |
| Auger 3 | BA      | 0-4        | Yellowish Red (5YR 5/8) Sandy Loam  | 2             |
|         | Bt      | 4-20       | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 20-32      | Red (2.5YR 4/8) Loam  | 2             |
|         | C       | 32-84      | Red (2.5YR 4/6) Sandy Loam w/ many mica flakes                                  | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 4 (0.880 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |      | <b>Reserve DF</b>                                   |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 6    | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 5  
 Acreage: 1.158

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >92" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield located in an easement on Sanctuary Village – Lot 20. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

Pittsylvania County Health Department

See construction permit

**Lot:** 5 (1.158 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Brown (7.5YR 4/3) Sandy Loam   | 2             |
|         | BA      | 2-8        | Yellowish Red (5YR 4/6) Loam   | 2             |
|         | Bt      | 8-34       | Red (2.5YR 4/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 34-60      | Red (2.5YR 4/6) Loam   | 2             |
|         | C       | 60-92      | Reddish Brown (5YR 5/4) Sandy Loam w/ many mica flakes               | 2             |
|         |         |            |  |               |
| Auger 2 | A       | 0-2        | Brown (7.5YR 4/3) Sandy Loam   | 2             |
|         | BA      | 2-10       | Yellowish Red (5YR 4/6) Sandy Loam                                   | 2             |
|         | Bt1     | 10-18      | Red (2.5YR 4/6) Sandy Clay Loam                                      | 2             |
|         | Bt2     | 18-40      | Dark Red (2.5YR 3/6) Clay  | 4             |
|         | BC      | 40-54      | Red (2.5YR 4/6) Loam   | 2             |
|         | C       | 54-90      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes               | 2             |
|         |         |            |  |               |
| Auger 3 | A       | 0-6        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 6-12       | Yellowish Red (5YR 4/6) Sandy Loam                                   | 2             |
|         | Bt      | 12-33      | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 33-60      | Red (2.5YR 4/6) Loam w/ many mica flakes                             | 2             |
|         | C       | 60-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes               | 2             |
|         |         |            |  |               |

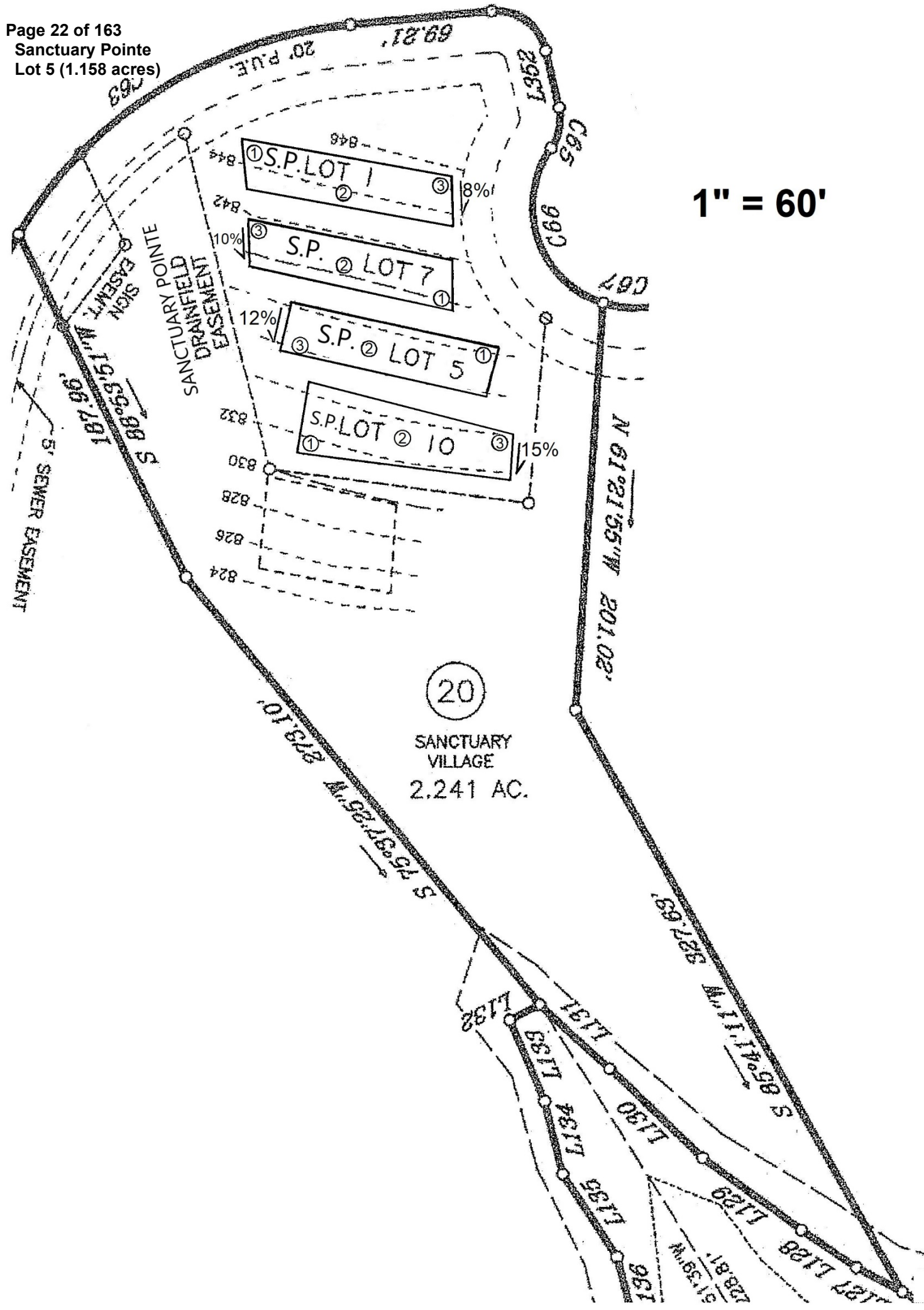
Applicants:

Subdivision: Sanctuary Pointe

Lot: 5 (1.158 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

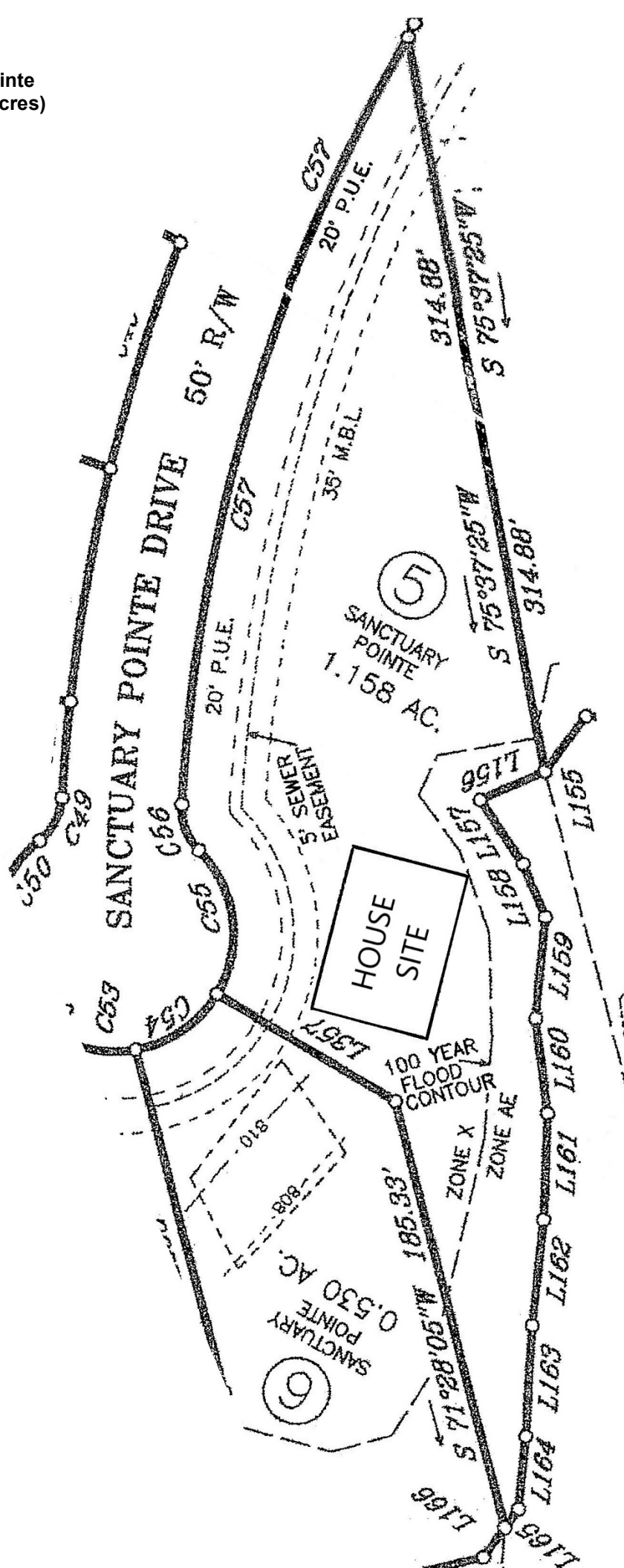


1" = 60'

20

SANCTUARY  
VILLAGE  
2.241 AC.

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property at end of culdesac on left  
 Subdivision: Sanctuary Pointe Lot: 6  
 Acreage: 0.530

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 8 %
3. Depth to rock/impervious strata: Max. >88" Min. 72" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/7/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 6 (0.530 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Brown (7.5YR 4/4) Sandy Loam                                   | 2             |
|         | BA      | 2-12       | Yellowish Red (5YR 5/8) Sandy Loam                             | 2             |
|         | Bt      | 12-24      | Dark Red (2.5YR 3/6) Clay Loam                                 | 3             |
|         | C       | 24-72      | Dark Yellowish Brown (10YR 4/4) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | A       | 0-4        | Brown (7.5YR 4/4) Sandy Loam                                   | 2             |
|         | BA      | 4-12       | Yellowish Red (5YR 5/8) Sandy Loam                             | 2             |
|         | Bt      | 12-36      | Dark Red (2.5YR 3/6) Clay Loam                                 | 3             |
|         | BC      | 36-60      | Red (2.5YR 4/6) Loam   | 2             |
|         | C       | 60-72      | Red (2.5YR 4/8) Sandy Loam                                     | 2             |
| Auger 3 | Bt      | 0-42       | Dark Red (2.5YR 3/6) Clay Loam                                 | 3             |
|         | BC      | 42-60      | Red (2.5YR 4/6) Loam   | 2             |
|         | C       | 60-88      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes         | 2             |

Applicants:

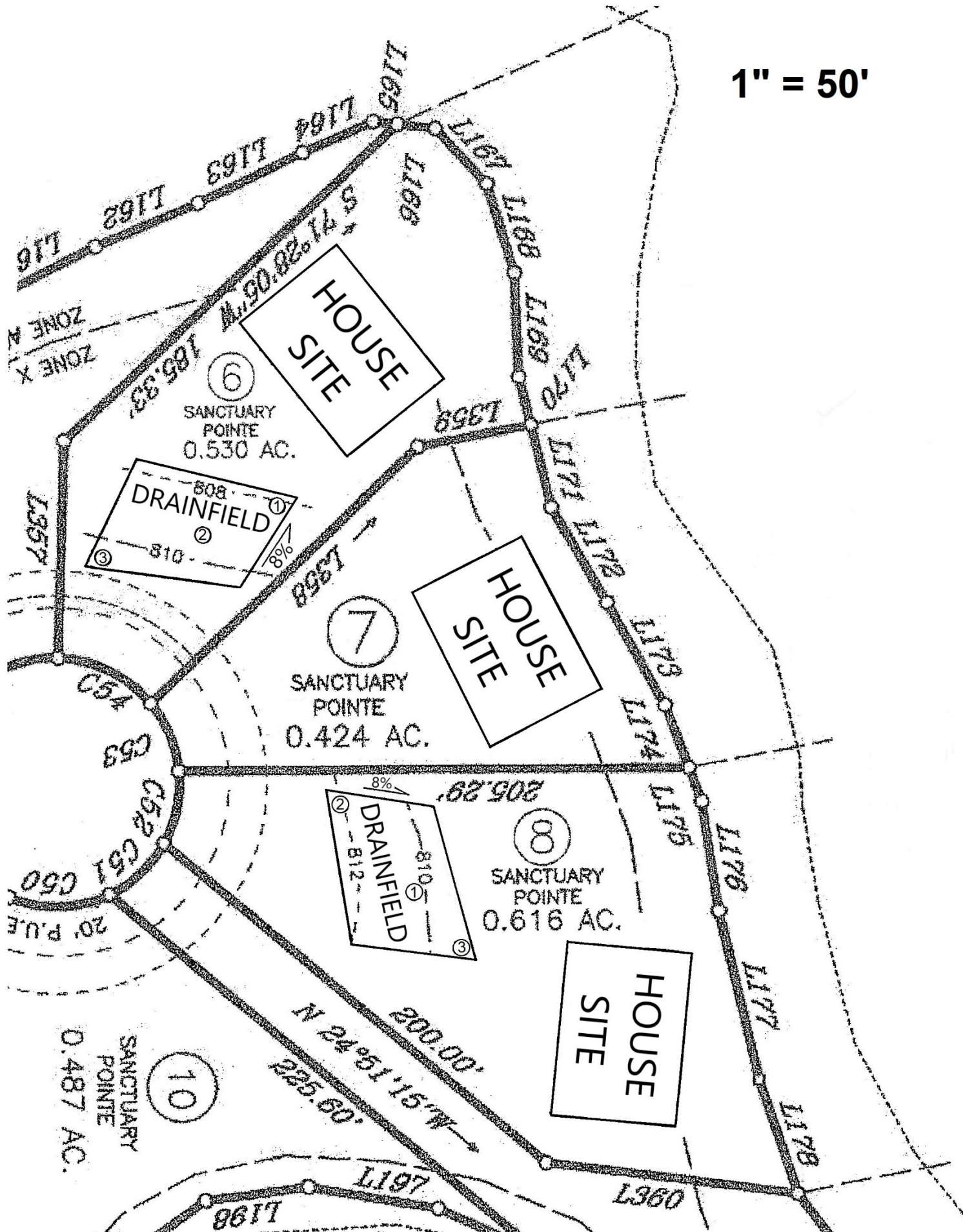
Subdivision: Sanctuary Pointe

Lot: 6 (0.530 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 8    | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 50'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
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**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property at end of culdesac  
 Subdivision: Sanctuary Pointe Lot: 7  
 Acreage: 0.424

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 10 %
3. Depth to rock/impervious strata: Max. >86" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 68" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Village – Lot 20). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/24/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 7 (0.424 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 2-12       | Strong Brown (7.5YR 4/6) Sandy Loam                                  | 2             |
|         | Bt      | 12-34      | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 34-60      | Red (2.5YR 5/6) Loam w/ many mica flakes                             | 2             |
|         | C       | 60-86      | Red (2.5YR 4/6) Sandy Loam w/ many mica flakes                       | 2             |
|         |         |            |  |               |
| Auger 2 | A       | 0-2        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 2-6        | Strong Brown (7.5YR 4/6) Sandy Loam                                  | 2             |
|         | Bt      | 6-32       | Dark Red (2.5YR 3/6) Clay; Strong Medium Subangular Blocky Structure | 4             |
|         | BC      | 32-45      | Red (2.5YR 5/6) Loam w/ many mica flakes                             | 2             |
|         | C1      | 45-60      | Red (2.5YR 4/6) Sandy Loam w/ many mica flakes                       | 2             |
|         | C2      | 60-86      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes                       | 2             |
|         |         |            |  |               |
| Auger 3 | A       | 0-4        | Dark Brown (7.5YR 3/2) Sandy Loam                                    | 2             |
|         | BA      | 4-12       | Strong Brown (7.5YR 4/6) Sandy Loam                                  | 2             |
|         | Bt      | 12-20      | Red (2.5YR 4/6) Clay; Strong Medium Subangular Blocky Structure      | 4             |
|         | C1      | 20-60      | Red (2.5YR 4/8) Loam w/ many mica flakes                             | 2             |
|         | C2      | 60-86      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes                       | 2             |
|         |         |            |  |               |

Applicants:

Subdivision: Sanctuary Pointe

Lot: 7 (0.424 acres)

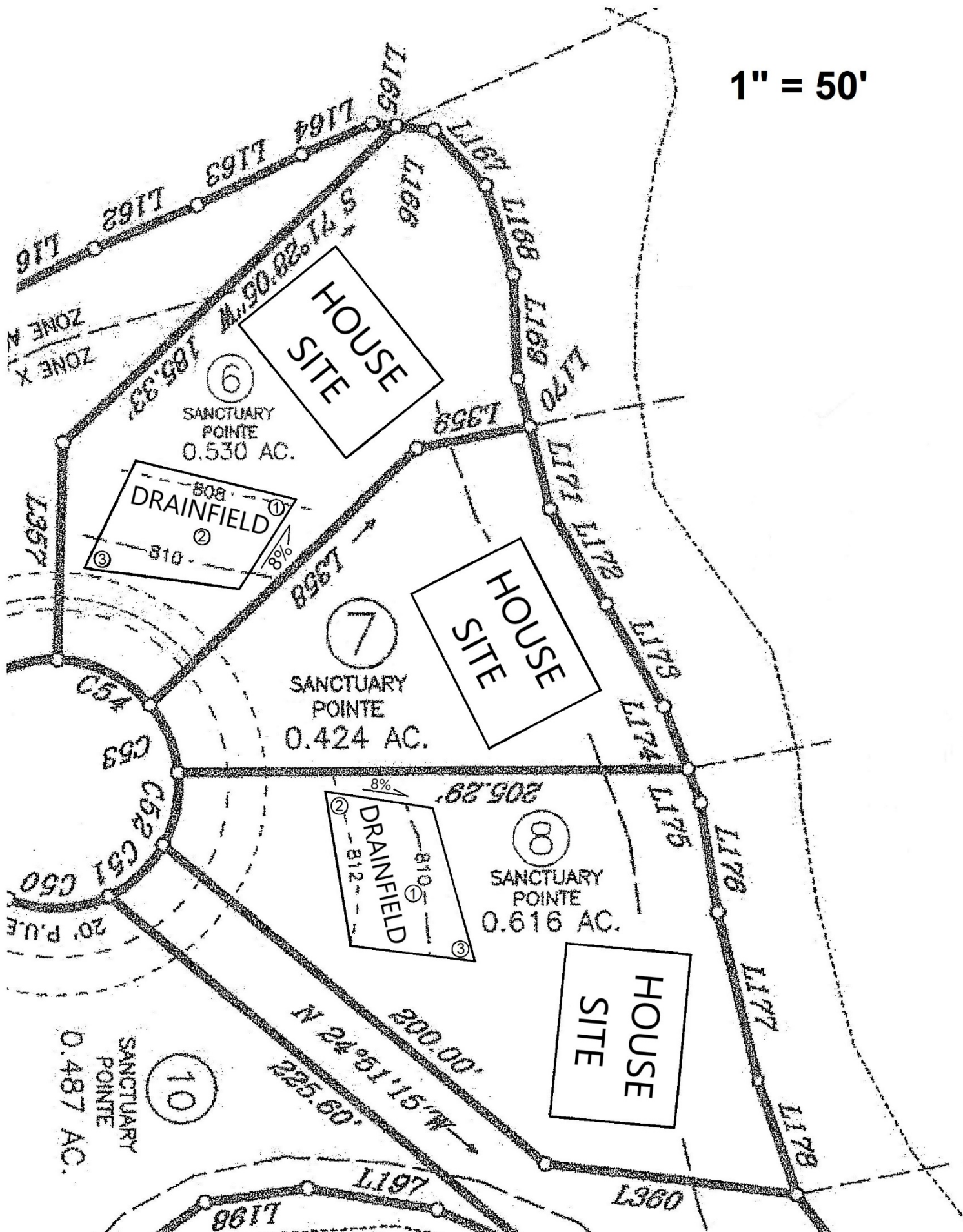
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 10                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 68                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

**1" = 60'**

Sanctuary Pointe  
Lot 7 (0.424 acres)

1" = 50'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
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**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property at end of culdesac on right  
 Subdivision: Sanctuary Pointe Lot: 8  
 Acreage: 0.616

Pittsylvania County Health Department  
 Telephone #: (540) 537-3865 **Erik Plyler**

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 8 %
3. Depth to rock/impervious strata: Max. >88" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/7/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 8 (0.616 acres)

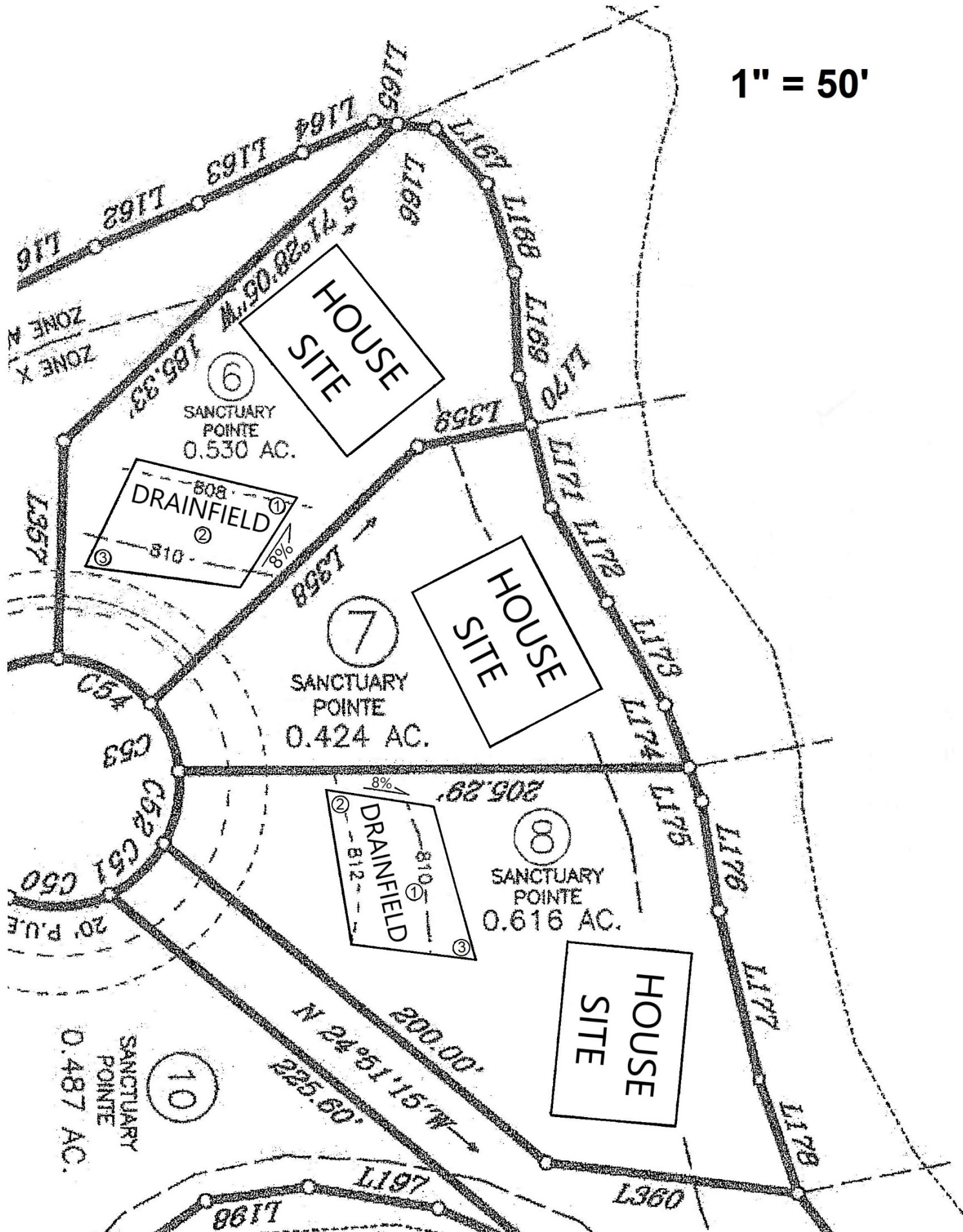
| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 2-8        | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 8-24       | Red (2.5YR 4/6) Loam                                   | 2             |
|         | C       | 24-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | A       | 0-5        | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 5-20       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 20-45      | Red (2.5YR 4/6) Loam                                   | 2             |
|         | C       | 45-88      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes | 2             |
| Auger 3 | A       | 0-2        | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | BA      | 2-8        | Yellowish Red (5YR 5/8) Sandy Loam                     | 2             |
|         | Bt      | 8-24       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 24-45      | Red (2.5YR 4/6) Clay Loam                              | 3             |
|         | C1      | 45-60      | Yellowish Red (5YR 4/6) Loam                           | 2             |
|         | C2      | 60-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 8 (0.616 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |      | <b>Reserve DF</b>                                   |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 8    | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 50'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property at end of culdesac on right  
 Subdivision: Sanctuary Pointe Lot: 9  
 Acreage: 1.371

Pittsylvania County Health Department  
 Telephone #: (540) 537-3865 **Erik Plyler**

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 8 %
3. Depth to rock/impervious strata: Max. >84" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Olivia Simpson AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/9/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 9 (1.371 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-5        | Dark Yellowish Brown (10YR 3/4) Sandy Loam             | 2             |
|         | BA      | 5-18       | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 8-34       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 34-48      | Brown (7.5YR 4/4) Loam w/ many mica flakes             | 2             |
|         | C       | 48-84      | Reddish Brown (5YR 4/4) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | A       | 0-4        | Dark Yellowish Brown (10YR 3/4) Sandy Loam             | 2             |
|         | BA      | 4-15       | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 15-36      | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 36-50      | Brown (7.5YR 4/4) Loam w/ many mica flakes             | 2             |
|         | C       | 50-84      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes         | 2             |
| Auger 3 | A       | 0-4        | Dark Yellowish Brown (10YR 3/4) Sandy Loam             | 2             |
|         | BA      | 4-14       | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 14-36      | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 36-50      | Brown (7.5YR 4/4) Loam w/ many mica flakes             | 2             |
|         | C       | 50-84      | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes         | 2             |

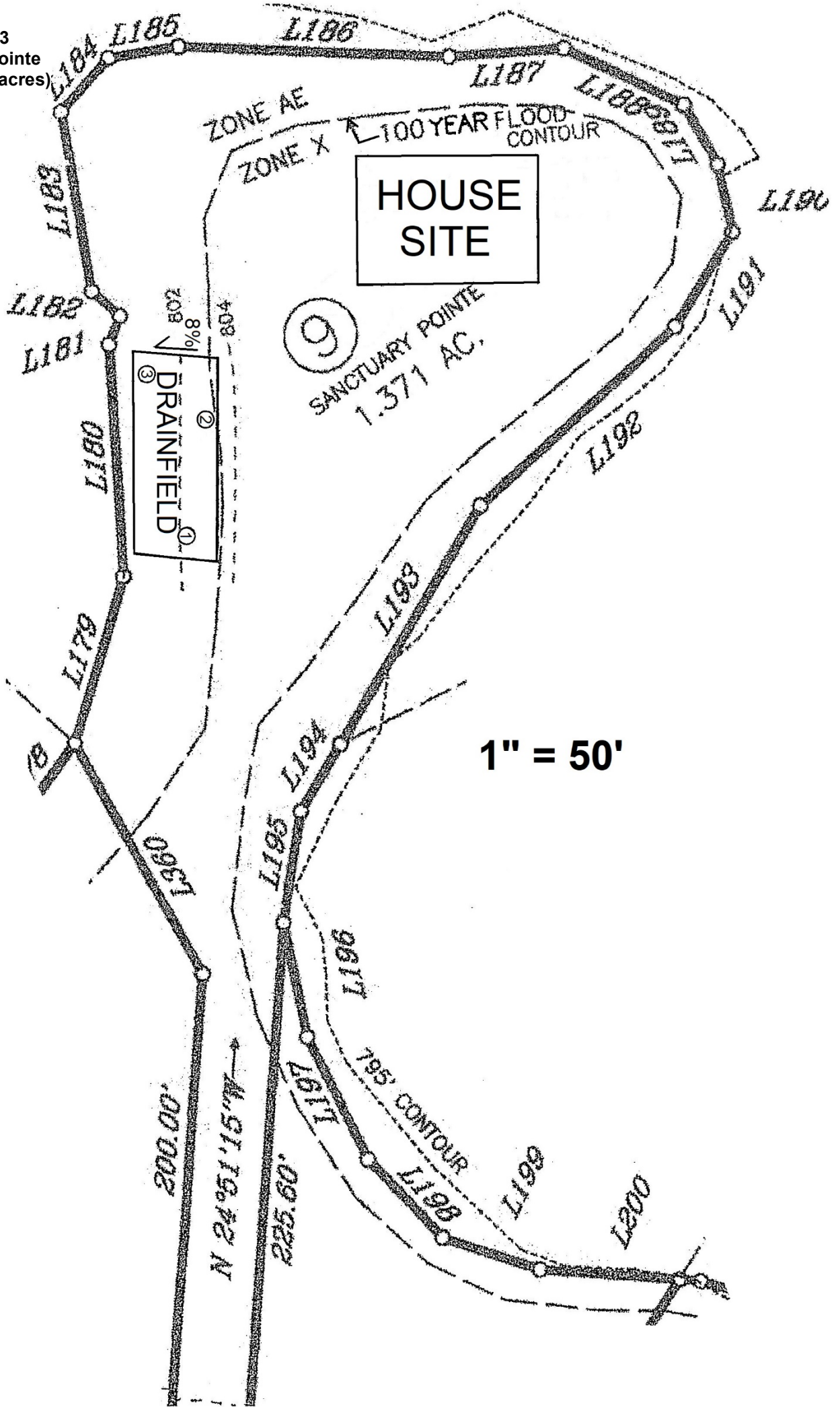
Applicants:

Subdivision: Sanctuary Pointe

Lot: 9 (1.371 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |         | Reserve DF  |                        |
|---|---------|---|------------------------|
| Type of system                                      | Gravity | Reserve Area Required                               | No                     |
| EPR   | 35      | Type of Reserve                                     | N/A                    |
| Slope %   | 8       | EPR   | N/A                    |
| # Bedrooms  | 3       | Slope %   | N/A                    |
| Gallons/Day   | 450     | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3       | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286     | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300     | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858     | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900     | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4       | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75      | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No      | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10      | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33      | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60      | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A     | Type of Well Recommended                            | Community Water Supply |
|   |         | Amount of Casing & Grout (ft.)                      | N/A                    |





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**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
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 Subdivision: Sanctuary Pointe Lot: 10  
 Acreage: 0.487

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 15 %
3. Depth to rock/impervious strata: Max. >86" Min. 72" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Village – Lot 20). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/24/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 10 (0.487 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-3        | Dark Brown (7.5YR 3/2) Sandy Loam   | 2             |
|         | BA      | 3-10       | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 10-32      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 32-50      | Red (2.5YR 4/6) Loam w/ many mica flakes                                  | 2             |
|         | C       | 50-72      | Strong Brown (7.5YR 4/6) Sandy Loam w/ many mica flakes                   | 2             |
|         | AR      | 72         | Grinding on Schist  | -             |
| Auger 2 | A       | 0-2        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | BA      | 2-10       | Reddish Brown (5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 10-36      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 36-42      | Red (2.5YR 4/6) Loam w/ many mica flakes                                  | 2             |
|         | C       | 42-82      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 3 | A       | 0-3        | Brown (7.5YR 4/3) Sandy Loam  | 2             |
|         | Bt      | 3-20       | Red (2.5YR 4/6) Clay Loam   | 3             |
|         | BC      | 20-45      | Strong Brown (7.5YR 4/6) Loam w/ many mica flakes                         | 2             |
|         | C       | 45-86      | Red (2.5YR 4/8) Loam w/ many mica flakes                                  | 2             |

Applicants:

Subdivision: Sanctuary Pointe

Lot: 10 (0.487 acres)

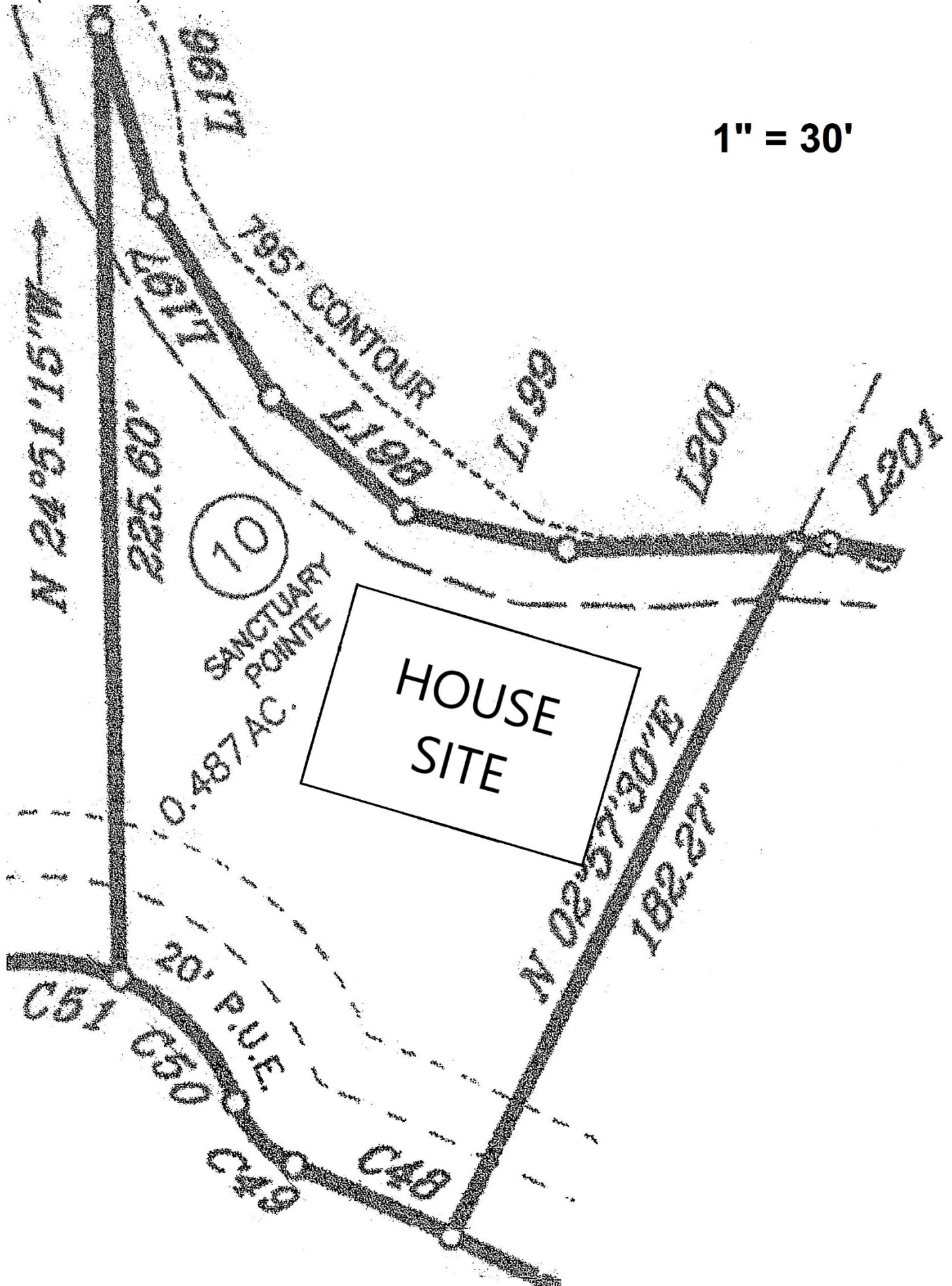
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 15                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

**1" = 60'**

Sanctuary Pointe  
Lot 10 (0.487 acres)

1" = 30'





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**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 11  
 Acreage: 0.562

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >108" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 90" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Pointe – Lot 35). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/28/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 11 (0.562 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-2        | Brown (7.5YR 4/4) Loam   | 2             |
|         | Bt      | 2-27       | Red (2.5YR 5/6) Clay Loam  | 3             |
|         | BC      | 27-35      | Red (2.5YR 5/8) Clay Loam w/ many mica flakes                                      | 3             |
|         | C1      | 35-68      | Yellowish Brown (10YR 5/6) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
|         | C2      | 68-88      | Yellowish Brown (10YR 5/8) Loam w/ many mica flakes                                | 2             |
|         | C3      | 88-108     | Strong Brown (7.5YR 5/6) Loam w/ many mica flakes                                  | 2             |
| Auger 2 | A       | 0-1        | Brown (7.5YR 4/4) Loam   | 2             |
|         | Bt      | 1-28       | Red (2.5YR 5/6) Clay Loam  | 3             |
|         | BC      | 28-48      | Red (2.5YR 5/8) Sandy Clay Loam  | 2             |
|         | C1      | 48-88      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes                                   | 2             |
|         | C2      | 88-108     | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes                                  | 2             |
| Auger 3 | A       | 0-1        | Brown (7.5YR 4/3) Loam   | 2             |
|         | BA      | 1-5        | Brown (7.5YR 5/4) Loam   | 2             |
|         | Bt      | 5-32       | Red (2.5YR 5/6) Clay Loam  | 3             |
|         | BC      | 32-60      | Red (2.5YR 5/8) Sandy Clay Loam w/ many mica flakes                                | 2             |
|         | C       | 60-108     | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes                                | 2             |

Applicants:

Subdivision: Sanctuary Pointe

Lot: 11 (0.562 acres)

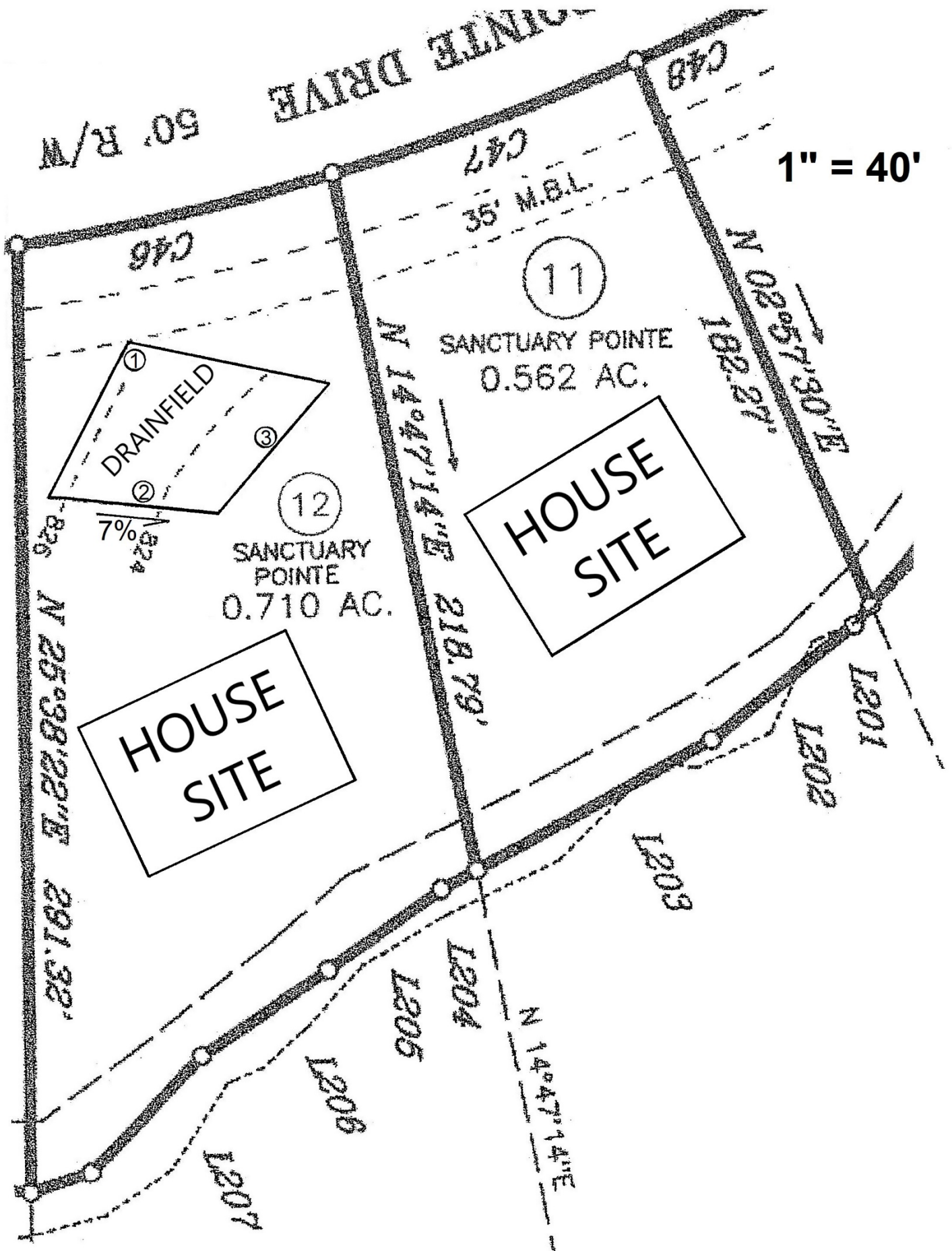
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 90                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

The site plan shows a property with the following features and measurements:

- Boundaries and Easements:**
  - Top boundary: C13, C14, C15, C16, C17, C18.
  - Right boundary: N 19°45'18"E 69.21', 20' P.U.E., N 68°16'19"E 150.46', S 88°48'21"E 265.68'.
  - Bottom boundary: S 46°50'13"W 221.63', L345, L344, L343, L342, L241, L383, L384, L339, 66'71' CONTOUR.
  - Left boundary: S 46°50'13"W 221.63', L345, L344, L343, L342, L241, L383, L384, L339, 66'71' CONTOUR.
- Internal Features:**
  - HOUSE SITE:** A rectangular area in the center.
  - SEPTIC TANK:** A rectangular area labeled "S.P." with a 12% slope.
  - DRAINFIELD:** Two rectangular areas, one labeled "DRAINFIELD" and the other "DRAINFIELD" with a 1% slope.
  - 5' SEWER EASEMENT:** A narrow strip along the bottom boundary.
- Measurements and Notes:**
  - Sanctuary Pointe 1.854 AC. (near the top left).
  - Sanctuary Pointe 0.635 AC. (near the bottom left).
  - Lot numbers: 34, 35.
  - Distances: 69.21', 20' P.U.E., 150.46', 265.68', 221.63', 66'71'.
  - Bearings: N 19°45'18"E, N 68°16'19"E, S 88°48'21"E, S 46°50'13"W.

Sanctuary Pointe  
Lot 11 (0.562 acres)





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**General Information**

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 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
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 Subdivision: Sanctuary Pointe Lot: 12  
 Acreage: 0.710

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 7 %
3. Depth to rock/impervious strata: Max. >102" Min. 92" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Bill Evans PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 72" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/10/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 12 (0.710 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | BA      | 0-10       | Reddish Brown (5YR 4/4) Loam  | 2             |
|         | Bt      | 10-22      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 22-52      | Red (2.5YR 4/6) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
|         | C1      | 52-60      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes                        | 2             |
|         | C2      | 60-102     | Red (2.5YR 4/8) Sandy Loam w/ many mica flakes                          | 2             |
| Auger 2 | A       | 0-4        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BA      | 4-18       | Reddish Brown (5YR 4/4) Loam  | 2             |
|         | Bt      | 18-44      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 44-54      | Dark Reddish Brown (5YR 3/4) Loam w/ many mica flakes                   | 2             |
|         | C       | 54-102     | Brown (7.5YR 4/4) Loam w/ many mica flakes                              | 2             |
| Auger 3 | A       | 0-4        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BA      | 4-16       | Reddish Brown (5YR 4/4) Loam  | 2             |
|         | Bt      | 16-44      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 44-60      | Brown (7.5YR 4/4) Loam w/ many mica flakes                              | 2             |
|         | C       | 60-92      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                  | 2             |

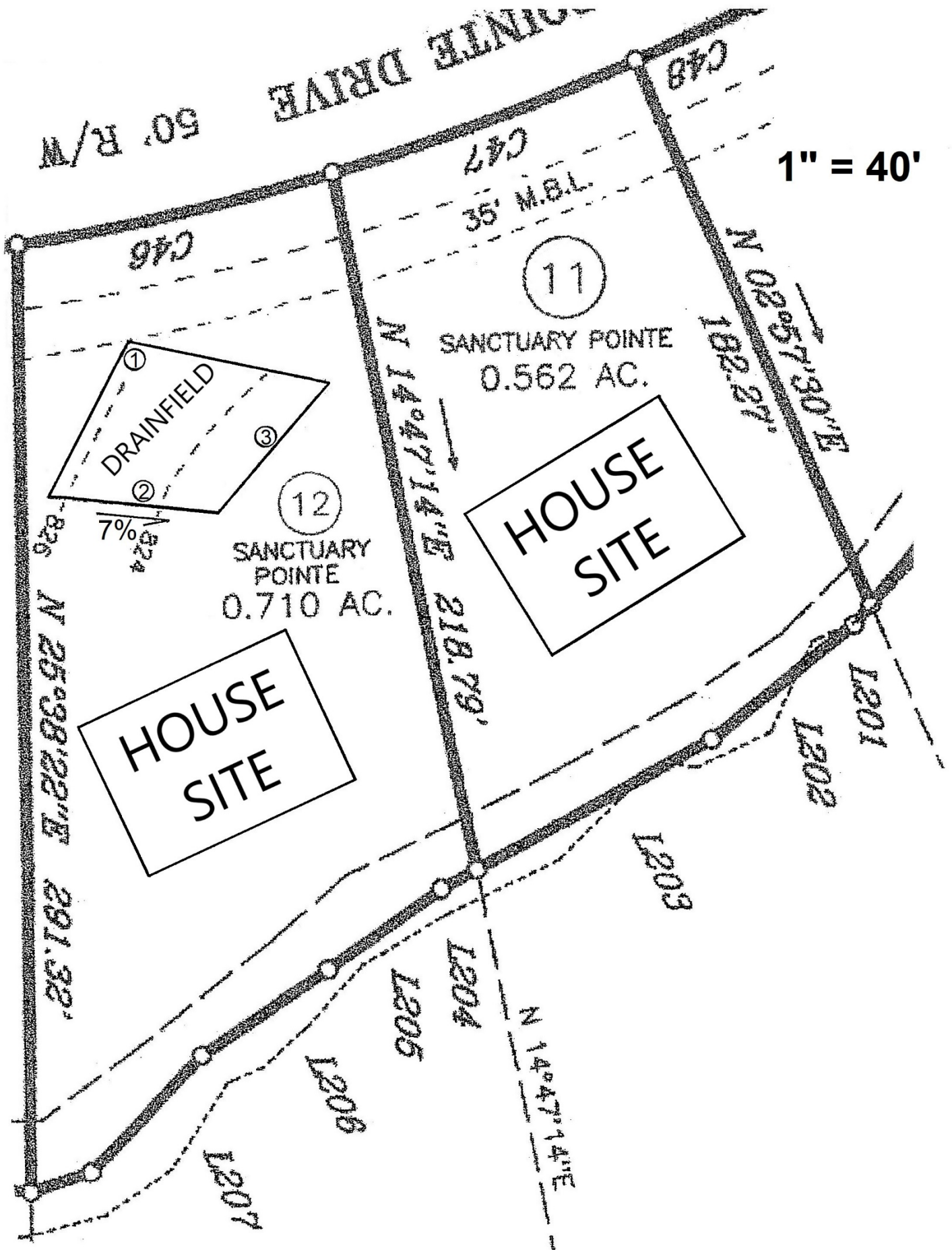
Applicants:

Subdivision: Sanctuary Pointe

Lot: 12 (0.710 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 7    | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 6    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 50   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 9    | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 48   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 72   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 13  
 Acreage: 0.629

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 10 %
3. Depth to rock/impervious strata: Max. >94" Min. 86" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Bill Evans PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 62" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/10/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 13 (0.629 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | BA      | 0-6        | Reddish Brown (5YR 4/4) Sandy Loam                     | 2             |
|         | Bt      | 6-24       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 24-36      | Red (2.5YR 4/6) Clay Loam                              | 3             |
|         | C1      | 36-55      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes       | 2             |
|         | C2      | 55-91      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | A       | 0-1        | Dark Brown (7.5YR 3/4) Sandy Loam                      | 2             |
|         | BA      | 1-8        | Reddish Brown (5YR 4/4) Sandy Loam                     | 2             |
|         | Bt      | 8-28       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 28-50      | Red (2.5YR 4/6) Loam w/ many mica flakes               | 2             |
|         | C       | 50-86      | Reddish Brown (5YR 4/4) Sandy Loam w/ many mica flakes | 2             |
| Auger 3 | A       | 0-1        | Dark Brown (7.5YR 3/4) Sandy Loam                      | 2             |
|         | BA      | 1-15       | Reddish Brown (5YR 4/4) Sandy Loam                     | 2             |
|         | Bt      | 15-42      | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 42-58      | Red (2.5YR 4/6) Loam w/ many mica flakes               | 2             |
|         | C       | 58-94      | Reddish Brown (5YR 4/4) Sandy Loam w/ many mica flakes | 2             |

Applicants:

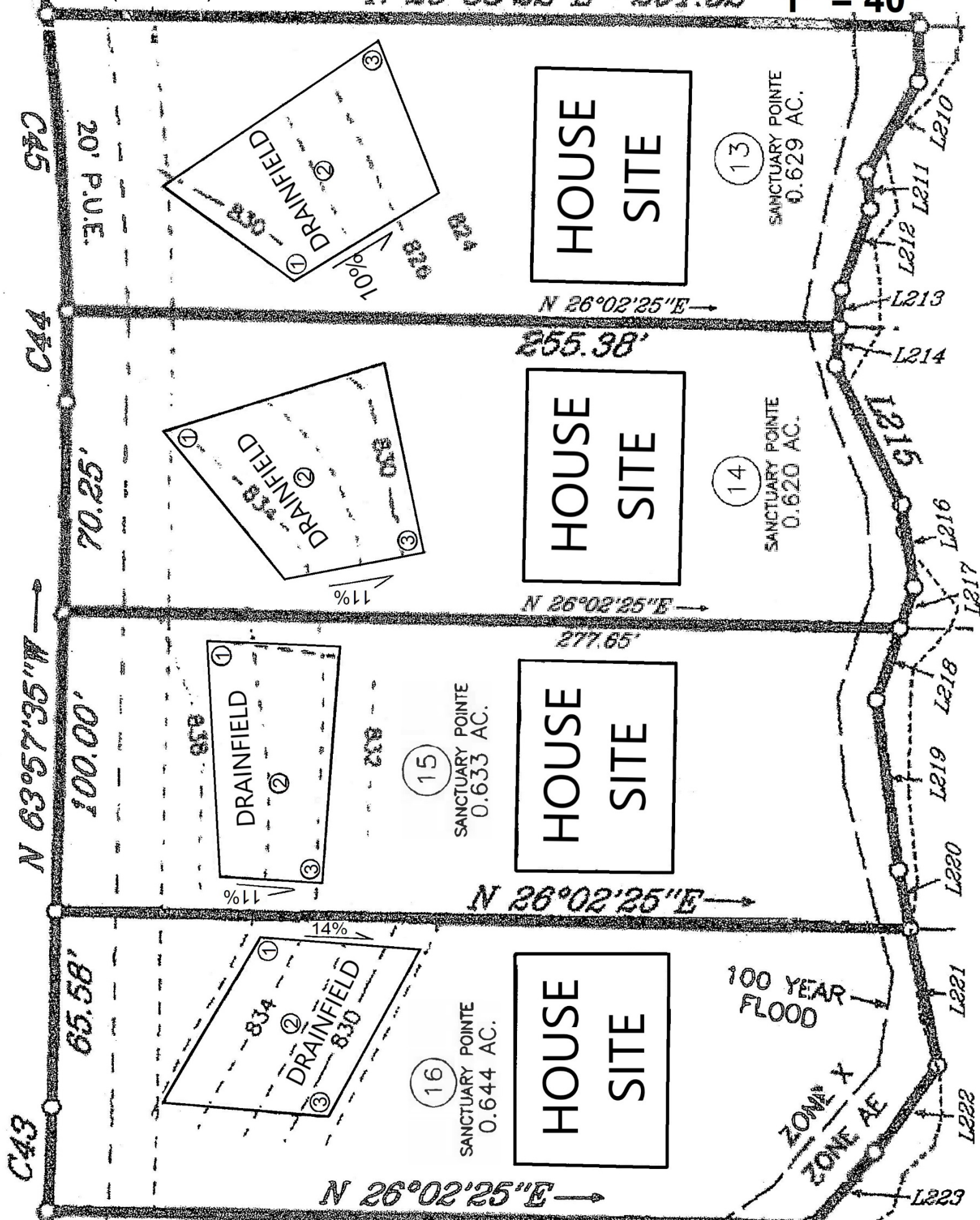
Subdivision: Sanctuary Pointe

Lot: 13 (0.629 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 10   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 6    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 50   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No   | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 9    | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 48   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 62   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

$N 25^{\circ}38'22''E$  291.32' 1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
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**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 14  
 Acreage: 0.620

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 11 %
3. Depth to rock/impervious strata: Max. >92" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Bill Evans PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/10/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 14 (0.620 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-1        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | BA      | 1-8        | Yellowish Red (5YR 5/6) Sandy Loam  | 2             |
|         | Bt      | 8-24       | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 24-48      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes                                | 2             |
|         | C       | 48-84      | Yellowish Red (5YR 5/6) Sandy Loam w/ many mica flakes                          | 2             |
| Auger 2 | BA      | 0-8        | Reddish Brown (5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 8-30       | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 30-48      | Yellowish Red (5YR 4/6) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
|         | C       | 48-91      | Yellowish Red (5YR 5/6) Sandy Loam w/ many mica flakes                          | 2             |
| Auger 3 | BA      | 0-12       | Yellowish Red (5YR 5/6) Sandy Loam  | 2             |
|         | Bt      | 12-28      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 28-48      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes                                | 2             |
|         | C       | 48-92      | Yellowish Red (5YR 5/6) Sandy Loam w/ many mica flakes                          | 2             |

Applicants:

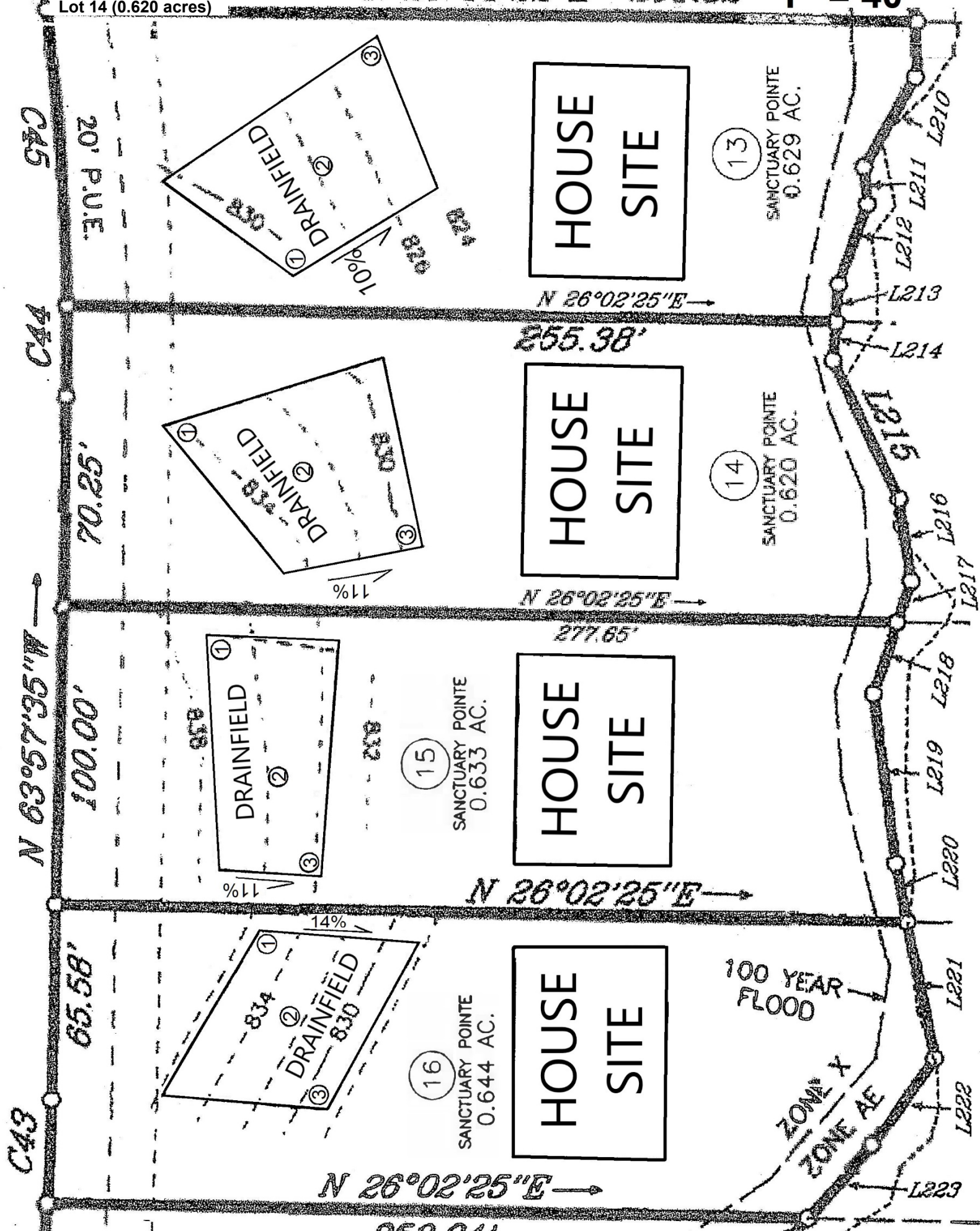
Subdivision: Sanctuary Pointe

Lot: 14 (0.620 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 11   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

N 25°38'22"E 291.32' 1" = 40'





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 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 15  
 Acreage: 0.633

Pittsylvania County Health Department  
 Telephone #: (540) 537-3865 **Erik Plyler**

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 11 %
3. Depth to rock/impervious strata: Max. >84" Min. 66" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Bill Evans PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 48" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/10/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 15 (0.633 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-8        | Brown (7.5YR 4/4) Sandy Loam                           | 2             |
|         | Bt      | 8-30       | Dark Red (2.5YR 3/6) Clay Loam                         | 3             |
|         | BC      | 30-40      | Red (2.5YR 4/6) Loam w/ many mica flakes               | 2             |
|         | C1      | 40-60      | Yellowish Red (5YR 5/6) Loam w/ many mica flakes       | 2             |
|         | C2      | 60-84      | Yellowish Red (5YR 5/6) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | BA      | 0-16       | Red (2.5YR 5/8) Loam w/ many mica flakes               | 2             |
|         | Bt      | 16-20      | Red (2.5YR 4/6) Clay Loam                              | 3             |
|         | BC      | 20-40      | Red (2.5YR 4/8) Loam w/ many mica flakes               | 2             |
|         | C       | 40-66      | Red (2.5YR 5/8) Sandy Loam w/ many mica flakes         | 2             |
|         | AR      | 66         | Loose Quartz   | -             |
| Auger 3 | A       | 0-2        | Dark Brown (7.5YR 3/4) Sandy Loam                      | 2             |
|         | BA      | 2-12       | Red (2.5YR 5/8) Sandy Loam                             | 2             |
|         | Bt      | 12-34      | Red (2.5YR 4/6) Clay Loam                              | 3             |
|         | BC      | 34-50      | Red (2.5YR 4/6) Sandy Loam                             | 2             |
|         | C       | 50-84      | Brown (7.5YR 4/4) Sandy Loam w/ many mica flakes       | 2             |

Applicants:

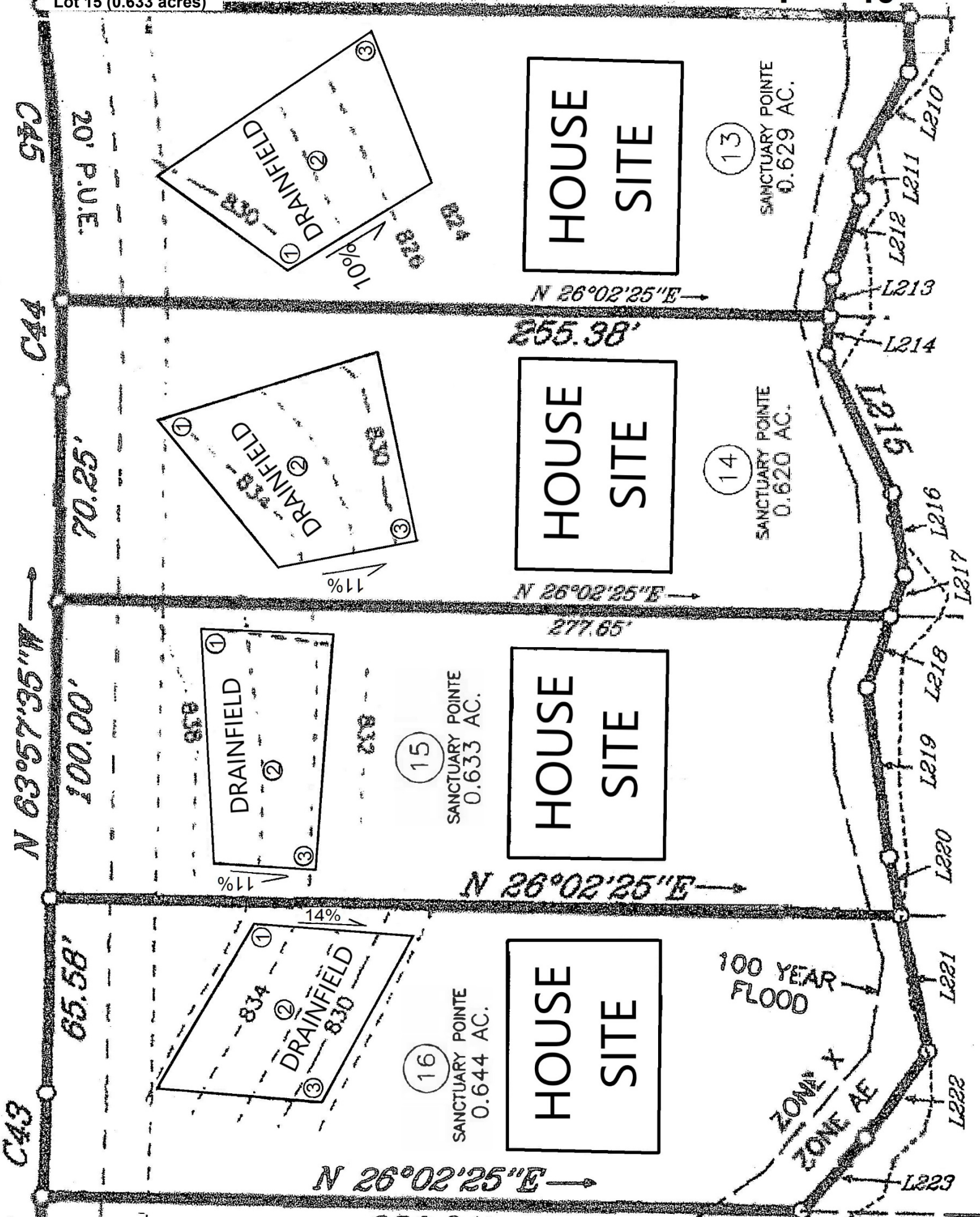
Subdivision: Sanctuary Pointe

Lot: 15 (0.633 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 11   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 48   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

N 25°38'22"E 291.32' 1" = 40'





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 Subdivision: Sanctuary Pointe Lot: 16  
 Acreage: 0.644

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 14 %
3. Depth to rock/impervious strata: Max. >93" Min. 91" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Bill Evans PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 72" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 10/10/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 16 (0.644 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-5        | Dark Brown (7.5YR 3/4) Loam                             | 2             |
|         | BA      | 5-12       | Yellowish Red (5YR 5/6) Loam                            | 2             |
|         | Bt      | 12-26      | Red (2.5YR 4/8) Loam                                    | 2             |
|         | BC      | 26-45      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes        | 2             |
|         | C       | 45-93      | Strong Brown (7.5YR 4/6) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | Ap      | 0-1        | Dark Brown (7.5YR 3/4) Loam                             | 2             |
|         | BA      | 1-8        | Yellowish Red (5YR 5/6) Loam                            | 2             |
|         | Bt      | 8-24       | Red (2.5YR 4/8) Loam                                    | 2             |
|         | BC      | 24-48      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes        | 2             |
|         | C       | 48-91      | Strong Brown (7.5YR 4/6) Sandy Loam w/ many mica flakes | 2             |
| Auger 3 | Ap      | 0-1        | Dark Brown (7.5YR 3/4) Loam                             | 2             |
|         | BA      | 1-8        | Yellowish Red (5YR 5/6) Loam                            | 2             |
|         | Bt      | 8-24       | Red (2.5YR 4/8) Loam                                    | 2             |
|         | BC      | 24-48      | Yellowish Red (5YR 4/6) Loam w/ many mica flakes        | 2             |
|         | C       | 48-91      | Strong Brown (7.5YR 4/6) Sandy Loam w/ many mica flakes | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 16 (0.644 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |      | <b>Reserve DF</b>                                   |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 14   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 72   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

N 25°38'22"E 291.32'

1" = 40'

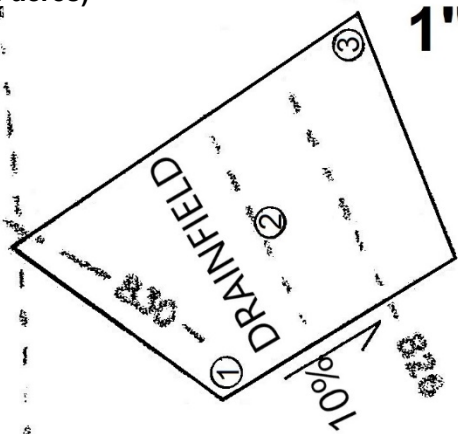
C45  
20' P.U.E.

C44  
70.25'

N 63°57'35"W  
100.00'

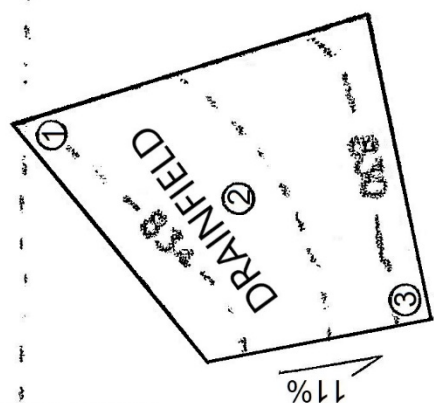
65.58'

C43



HOUSE  
SITE

13  
SANCTUARY POINTE  
0.629 AC.



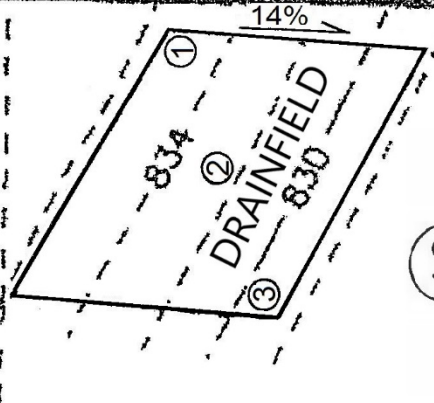
HOUSE  
SITE

14  
SANCTUARY POINTE  
0.620 AC.



HOUSE  
SITE

15  
SANCTUARY POINTE  
0.633 AC.



HOUSE  
SITE

16  
SANCTUARY POINTE  
0.644 AC.

N 26°02'25"E

255.38'

N 26°02'25"E

277.65'

N 26°02'25"E

N 26°02'25"E

252.94'

100 YEAR  
FLOOD

ZONE X  
ZONE AE





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 6/4/2021  
Applicant: Plyler Properties, Inc  
Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
Subdivision: Sanctuary Pointe Lot: 17  
Acreage: 0.516

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 7 %
3. Depth to rock/impervious strata: Max. >84" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
No ☒ Depth of percolation test holes  
Average percolation rate

Name and title of evaluator: Olivia Simpson AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area on Sanctuary Pointe - Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/23/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 17 (0.516 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-8        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | Bt      | 8-24       | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 24-45      | Red (2.5YR 4/6) Clay Loam   | 3             |
|         | C1      | 45-60      | Red (2.5YR 4/8) Loam  | 2             |
|         | C2      | 60-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 2 | A       | 0-4        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | Bt      | 4-32       | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 32-50      | Red (2.5YR 4/6) gravelly Loam; 15% coarse fragments                       | 2             |
|         | C       | 50-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 3 | A       | 0-4        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | Bt      | 4-30       | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 30-48      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 48-84      | Yellowish Red (5YR 4/6) Sandy Loam w/ many mica flakes                    | 2             |

Applicants:

Subdivision: Sanctuary Pointe

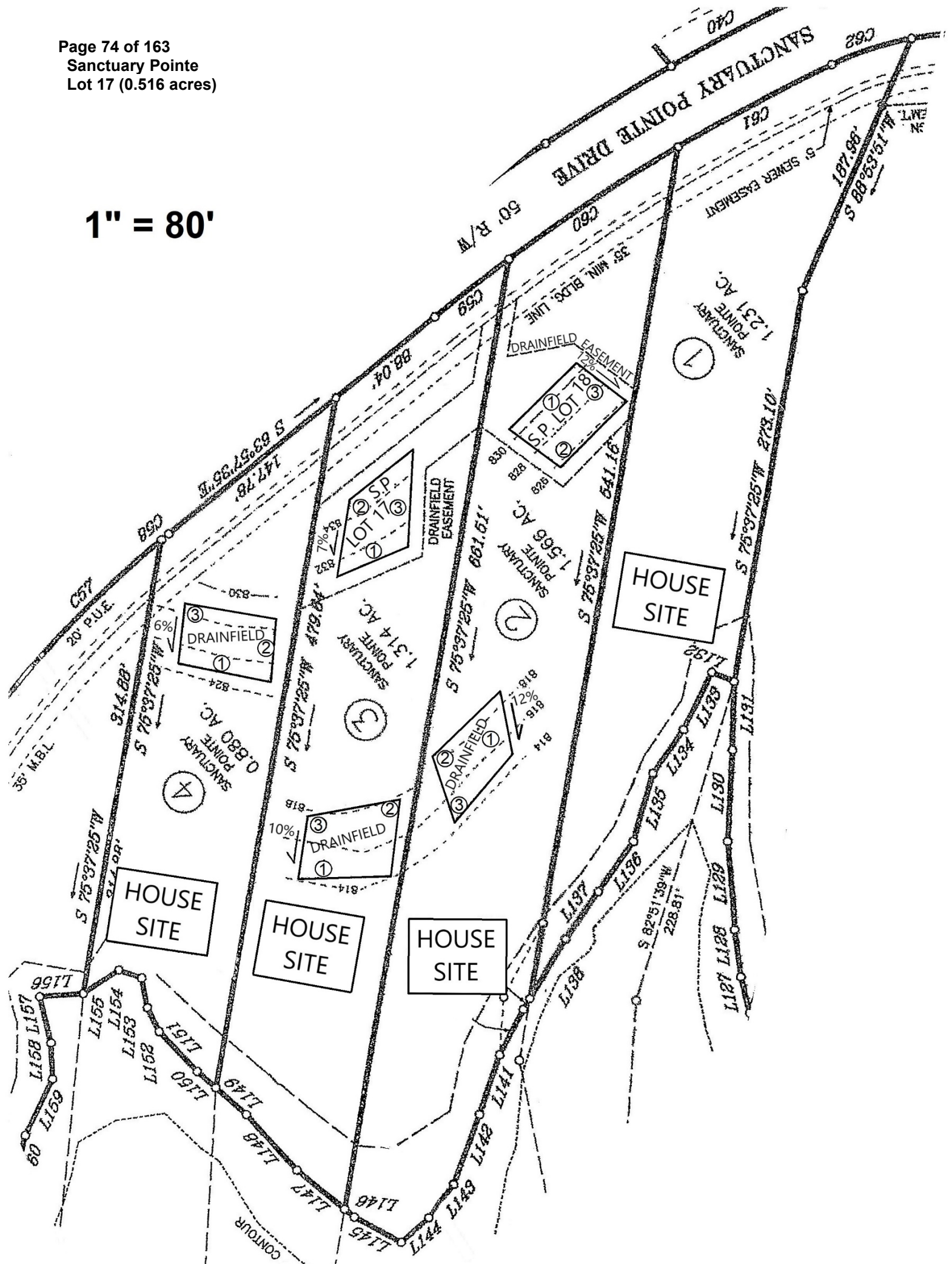
Lot: 17 (0.516 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 7                   | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 6                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 50                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 53                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

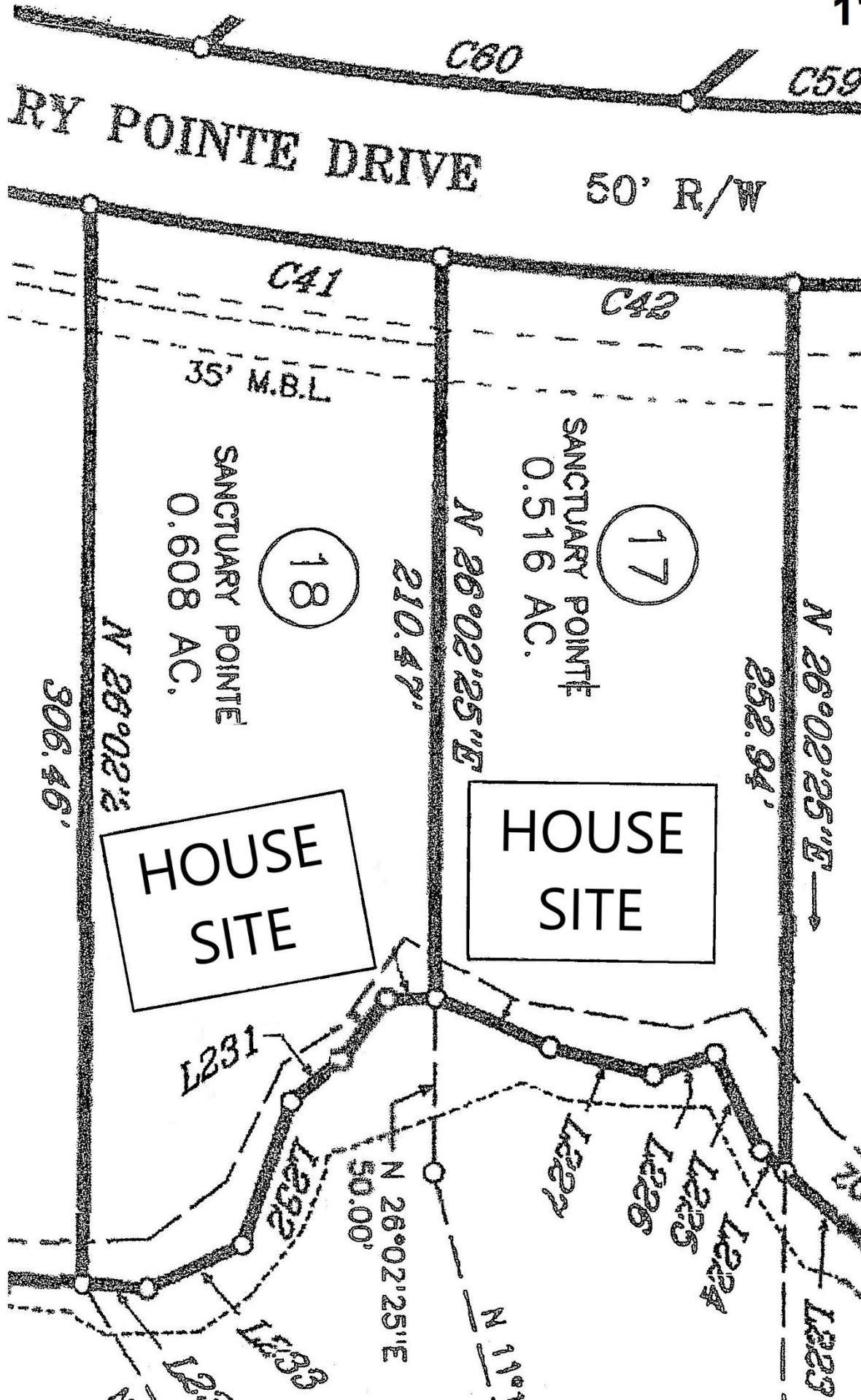
**NO REDUCTION IF GRAVELLESS TRENCHES USED.**

1" = 80'



Sanctuary Pointe  
Lot 17 (0.516 acres)

1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 18  
 Acreage: 0.608

Pittsylvania County Health Department  
 Telephone #: (540) 537-3865 **Erik Plyler**

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >84" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Olivia Simpson AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area on Sanctuary Pointe – Lot 2). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/4/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 18 (0.608 acres)

| Hole #  | Horizon | Depth (in) | Description                                       | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-2        | Brown (10YR 4/3) Sandy Loam                       | 2             |
|         | BA      | 2-8        | Brown (7.5YR 5/4) Sandy Loam                      | 2             |
|         | Bt      | 8-36       | Red (2.5YR 4/8) Clay                              | 4             |
|         | BC      | 36-42      | Red (2.5YR 5/8) Clay Loam                         | 3             |
|         | C       | 42-84      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes  | 2             |
| Auger 2 | A       | 0-2        | Brown (10YR 4/3) Sandy Loam                       | 2             |
|         | BA      | 2-8        | Brown (7.5YR 5/4) Sandy Loam                      | 2             |
|         | Bt      | 8-36       | Red (2.5YR 5/6) Clay                              | 4             |
|         | C       | 36-84      | Strong Brown (7.5YR 5/6) Loam w/ many mica flakes | 2             |
| Auger 3 | A       | 0-2        | Brown (10YR 4/3) Sandy Loam                       | 2             |
|         | BA      | 2-8        | Brown (7.5YR 5/4) Sandy Loam                      | 2             |
|         | Bt      | 8-36       | Red (2.5YR 5/6) Clay                              | 4             |
|         | BC      | 36-50      | Red (2.5YR 5/6) Loam                              | 2             |
|         | C       | 50-84      | Yellowish Red (5YR 5/6) Loam w/ many mica flakes  | 2             |

Applicants:

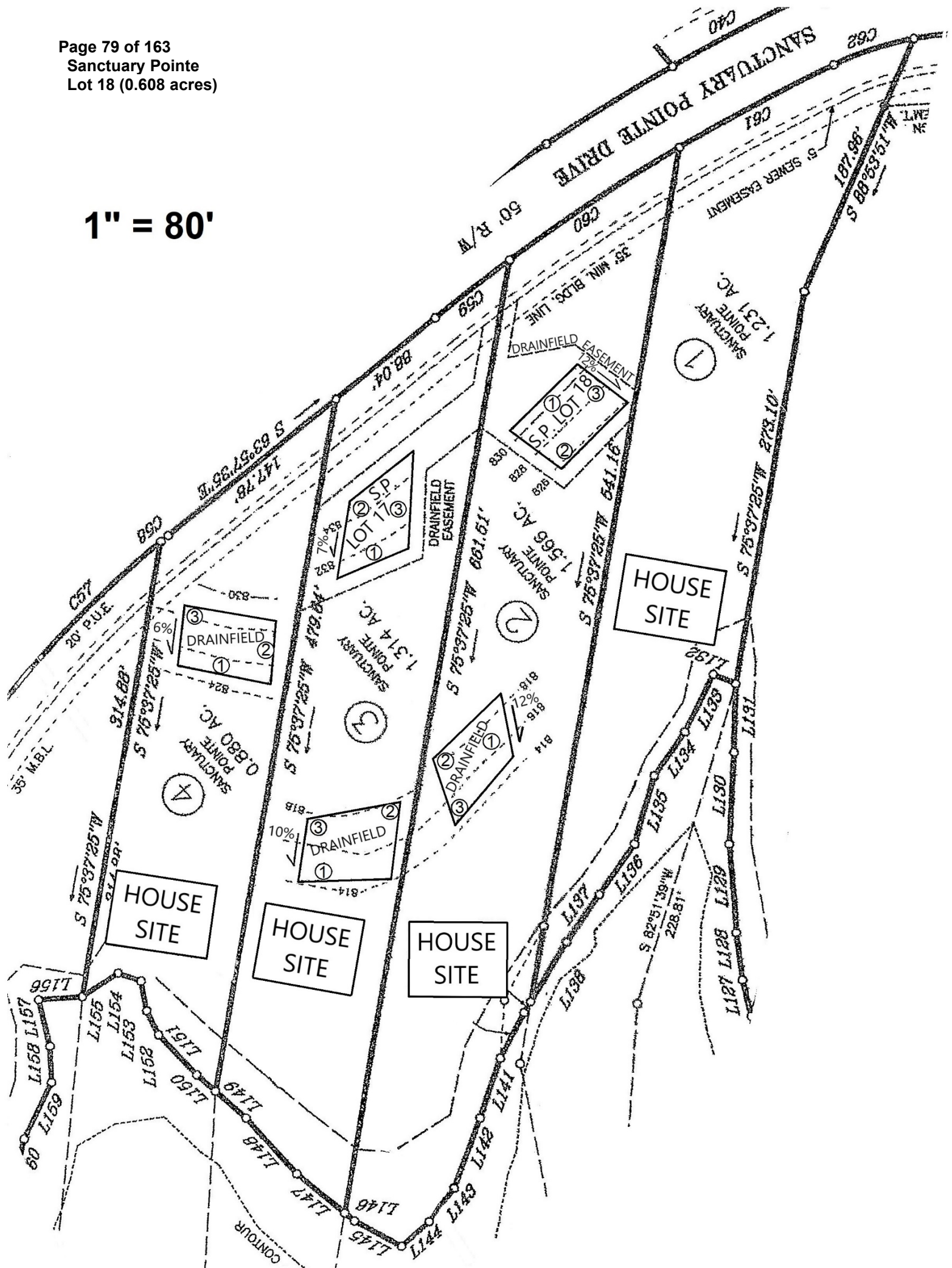
Subdivision: Sanctuary Pointe

Lot: 18 (0.608 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

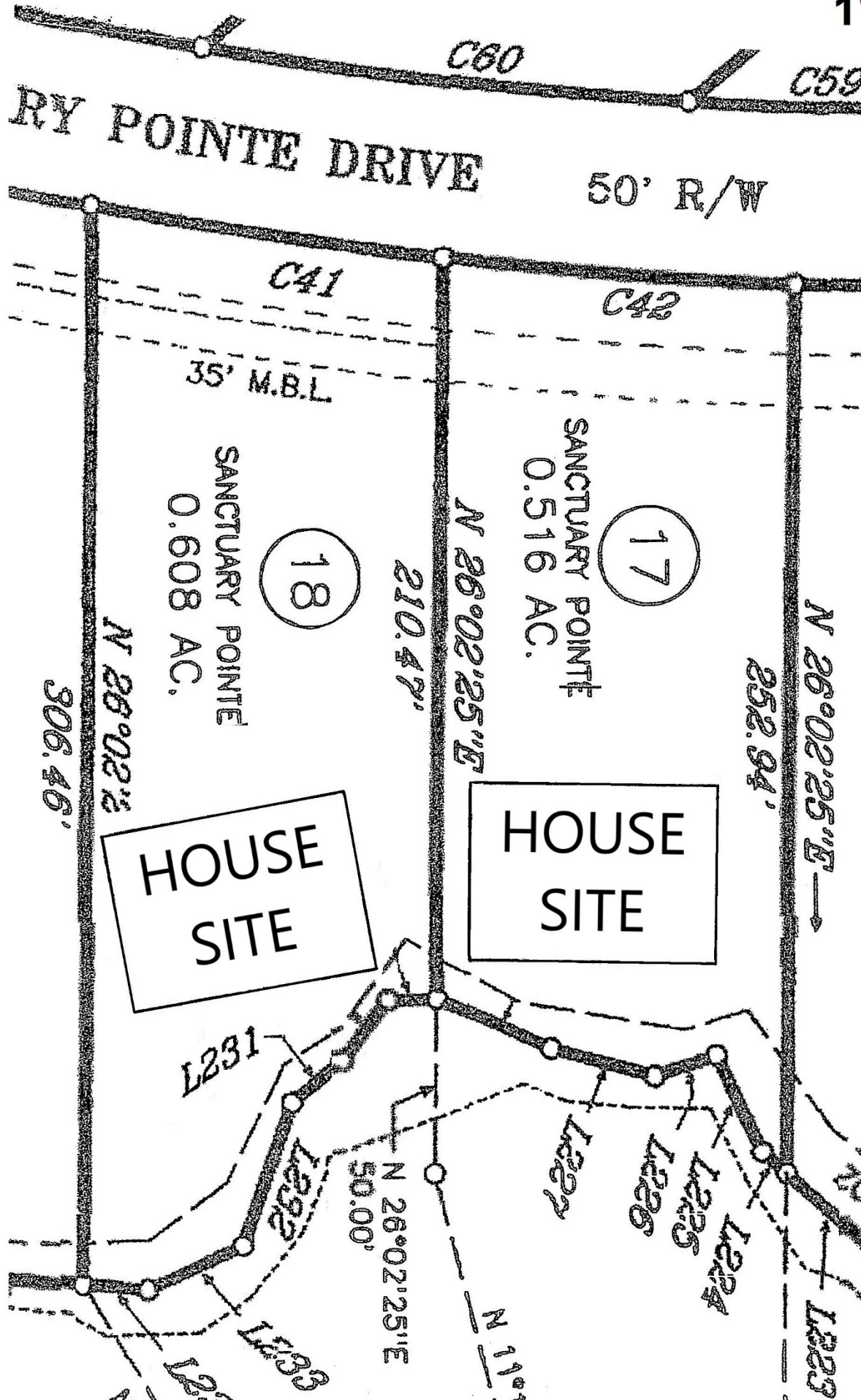
| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

**NO REDUCTION IF GRAVELLESS TRENCHES USED.**



Sanctuary Pointe  
Lot 18 (0.608 acres)

1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to property on right on corner of Sanctuary Pointe Dr & Mountain Glen Dr  
 Subdivision: Sanctuary Pointe Lot: 19  
 Acreage: 1.498

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 16 %
3. Depth to rock/impervious strata: Max. >84" Min. 72" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Olivia Simpson AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/21/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

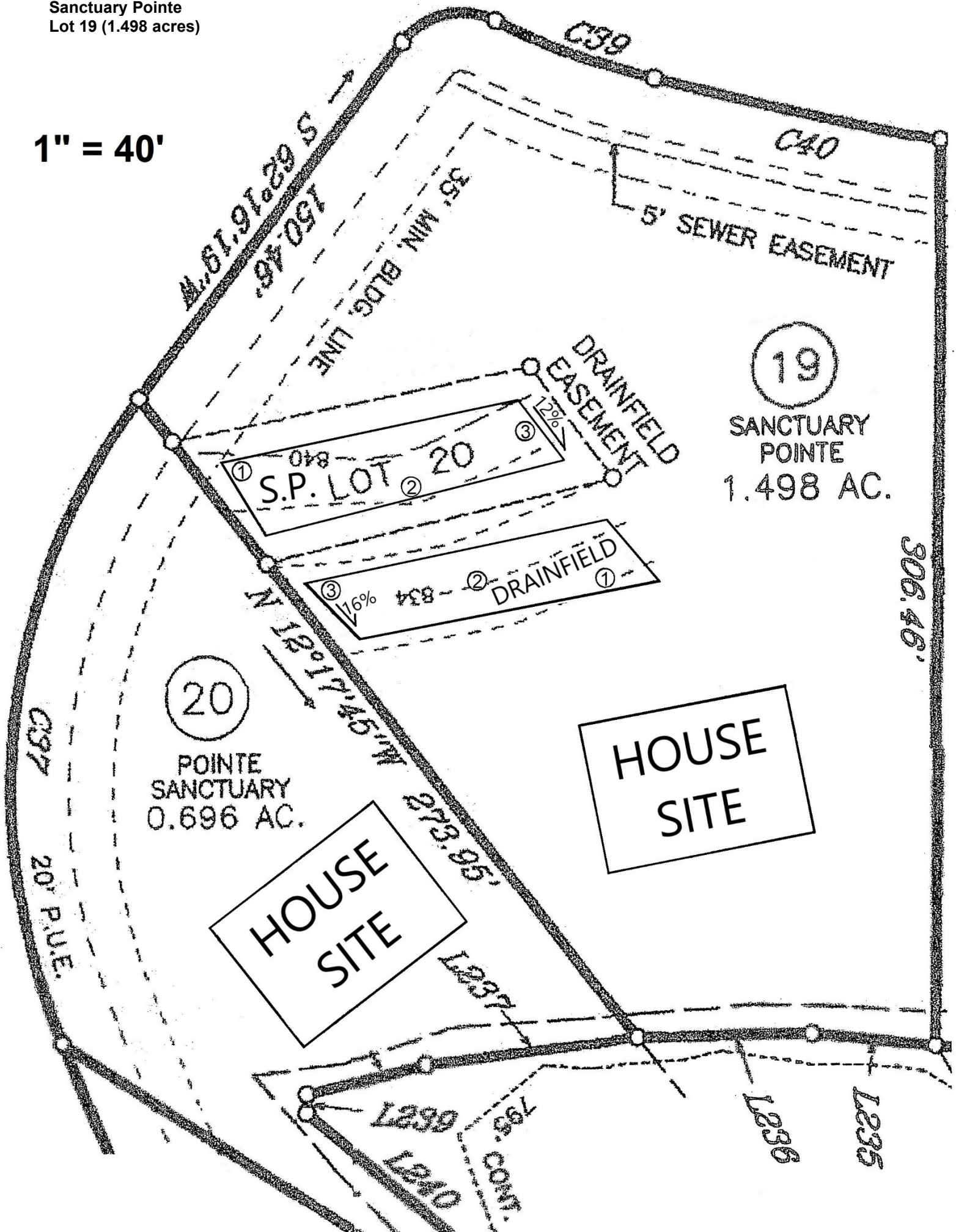
**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 19 (1.498 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-3        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | BA      | 3-12       | Reddish Brown (5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 12-36      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 36-50      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 50-84      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 2 | Ap      | 0-3        | Brown (7.5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 3-24       | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 24-50      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 50-72      | Brown (7.5YR 4/4) Sandy Loam w/ many mica flakes                          | 2             |
|         | AR      | 72         | Loose Quartz  | -             |
| Auger 3 | Ap      | 0-3        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | BA      | 3-10       | Reddish Brown (5YR 4/4) Sandy Loam  | 2             |
|         | Bt      | 10-30      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 30-50      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 50-84      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                    | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 19 (1.498 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 16   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |





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**General Information**

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 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 20  
 Acreage: 0.696

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >86" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: Olivia Simpson AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 66" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield (located in easement on Sanctuary Pointe – Lot 19). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/21/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 20 (0.696 acres)

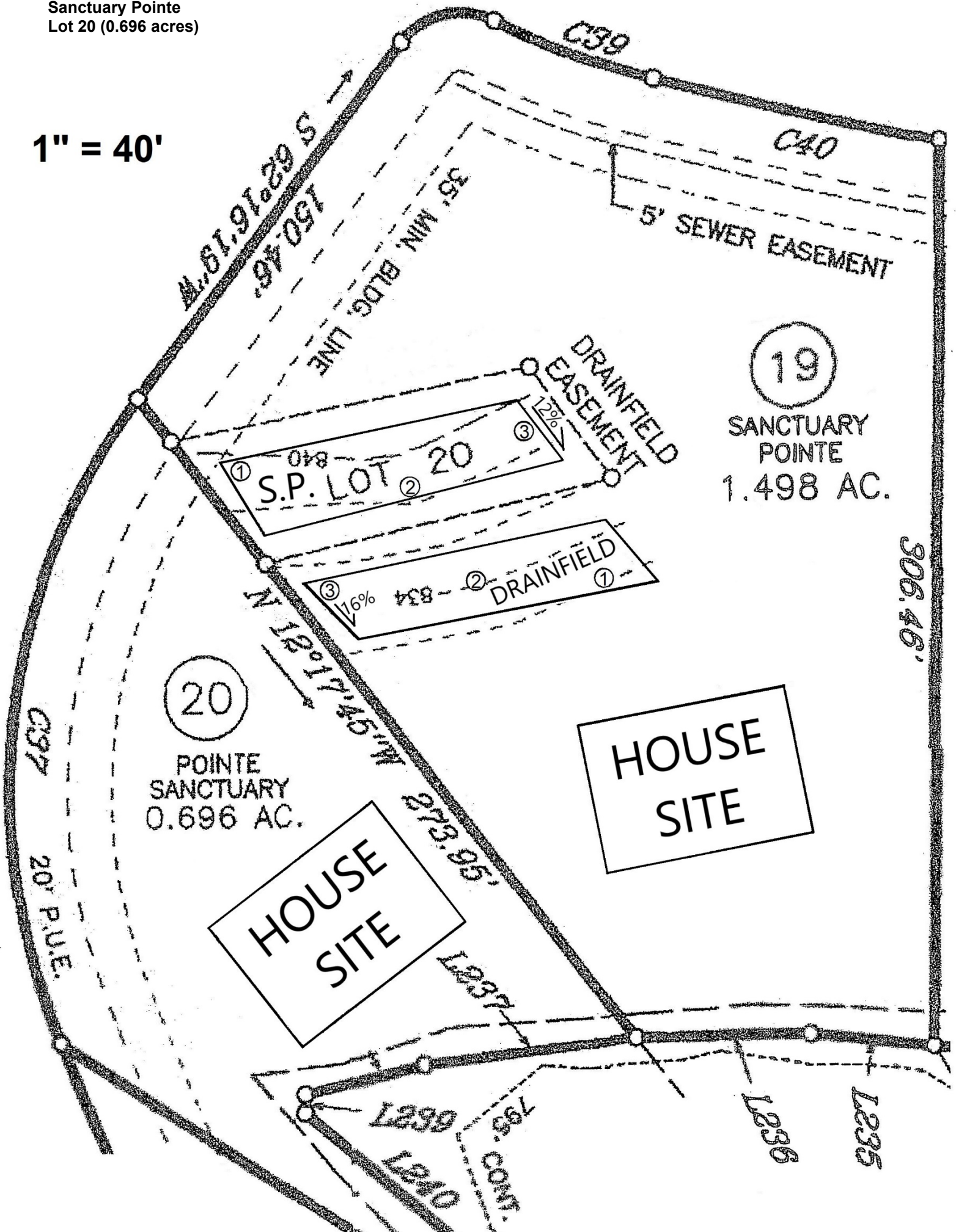
| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-3        | Dark Brown (7.5YR 3/4) Sandy Loam   | 2             |
|         | BA      | 3-15       | Yellowish Red (5YR 5/8) Sandy Loam  | 2             |
|         | Bt      | 15-38      | Dark Red (2.5YR 3/6) Clay Loam  | 3             |
|         | BC      | 38-60      | Yellowish Red (5YR 4/6) Loam  | 2             |
|         | C       | 60-86      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                    | 2             |
| Auger 2 | A       | 0-4        | Dark Brown (7.5YR 3/2) Sandy Loam   | 2             |
|         | BA      | 4-12       | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 12-22      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 22-32      | Red (2.5YR 4/6) Loam  | 2             |
|         | C       | 32-84      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes                          | 2             |
| Auger 3 | Ap      | 0-2        | Dark Brown (7.5YR 3/2) Sandy Loam   | 2             |
|         | BA      | 2-15       | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 15-36      | Dark Red (2.5YR 3/6) Clay Loam; Strong Medium Subangular Blocky Structure | 3             |
|         | BC      | 36-45      | Red (2.5YR 4/6) Loam  | 2             |
|         | C1      | 45-60      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes                          | 2             |
|         | C2      | 60-84      | Strong Brown (7.5YR 4/6) Sandy Loam w/ many mica flakes                   | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 20 (0.696 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |                     | <b>Reserve DF</b>                                   |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 66                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to property on left  
 Subdivision: Sanctuary Pointe Lot: 21  
 Acreage: 0.428

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >84" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 21 (0.428 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-2        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 2-16       | Red (2.5YR 5/8) Clay   | 4             |
|         | BC      | 16-30      | Yellowish Red (5YR 5/8) Channery Clay Loam w/ many mica flakes; 15% coarse fragments | 3             |
|         | C1      | 30-42      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                               | 2             |
|         | C2      | 42-84      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes                            | 2             |
| Auger 2 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 4-30       | Yellowish Red (5YR 5/8) Clay   | 4             |
|         | C1      | 30-45      | Yellowish Red (5YR 5/8) Sandy Loam w/ many mica flakes                               | 2             |
|         | C2      | 45-84      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes                            | 2             |
| Auger 3 | Ap      | 0-1        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 1-16       | Yellowish Red (5YR 5/8) Clay   | 4             |
|         | BC      | 16-30      | Reddish Yellow (7.5YR 6/8) Channery Loam w/ many mica flakes; 15% coarse fragments   | 2             |
|         | C       | 30-84      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes                            | 2             |

Applicants:

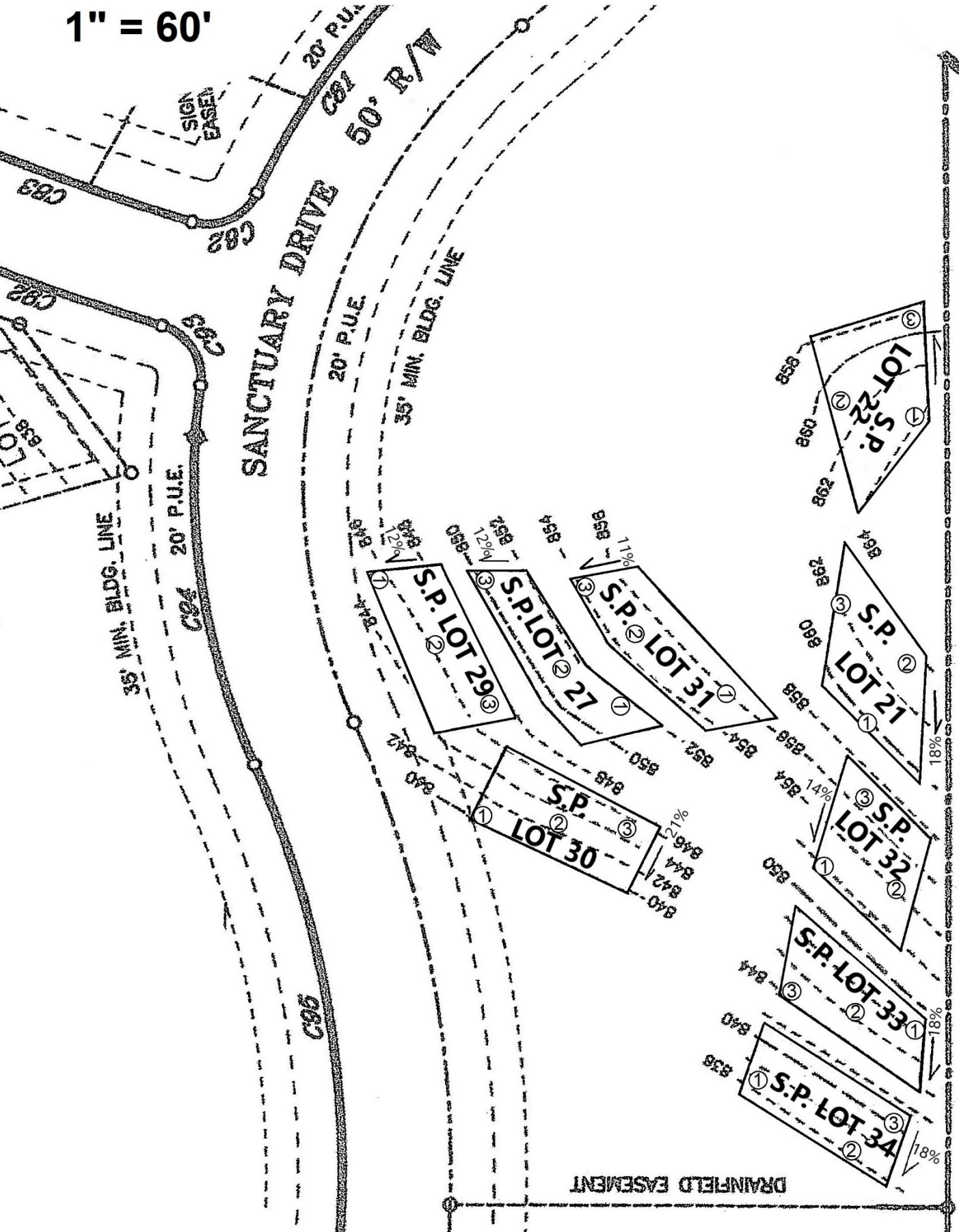
Subdivision: Sanctuary Pointe

Lot: 21 (0.428 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

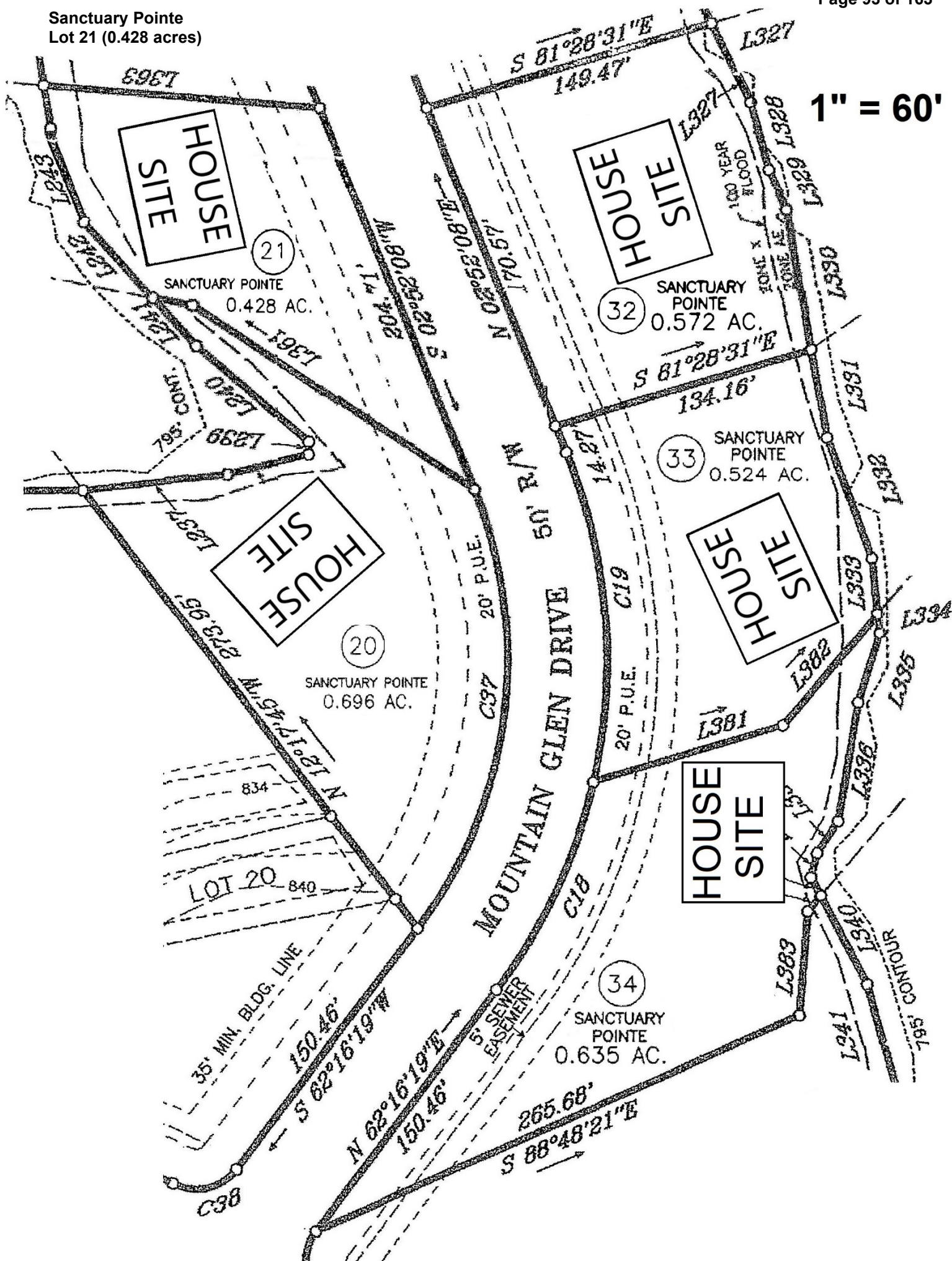
| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Point  
Lot 21 (0.428 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to property located on left just before culdesac on left  
 Subdivision: Sanctuary Pointe Lot: 22  
 Acreage: 0.604

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 18 %
3. Depth to rock/impervious strata: Max. >84" Min. 70" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 52" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 22 (0.604 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-8        | Brown (7.5YR 5/4) Loam                                    | 2             |
|         | Bt      | 8-30       | Yellowish Red (5YR 5/8) Clay                              | 4             |
|         | C1      | 30-50      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes          | 2             |
|         | C2      | 50-72      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes | 2             |
| Auger 2 | Ap      | 0-2        | Brown (7.5YR 4/4) Loam                                    | 2             |
|         | Bt      | 2-24       | Red (2.5YR 5/8) Clay Loam                                 | 3             |
|         | C       | 24-70      | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes         | 2             |
| Auger 3 | Ap      | 0-2        | Strong Brown (7.5YR 5/8) Loam                             | 2             |
|         | Bt      | 2-30       | Red (2.5YR 5/8) Clay                                      | 4             |
|         | BC      | 30-50      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes          | 2             |
|         | C       | 50-84      | Dark Reddish Brown (5YR 3/4) Loam w/ many mica flakes     | 2             |

Applicants:

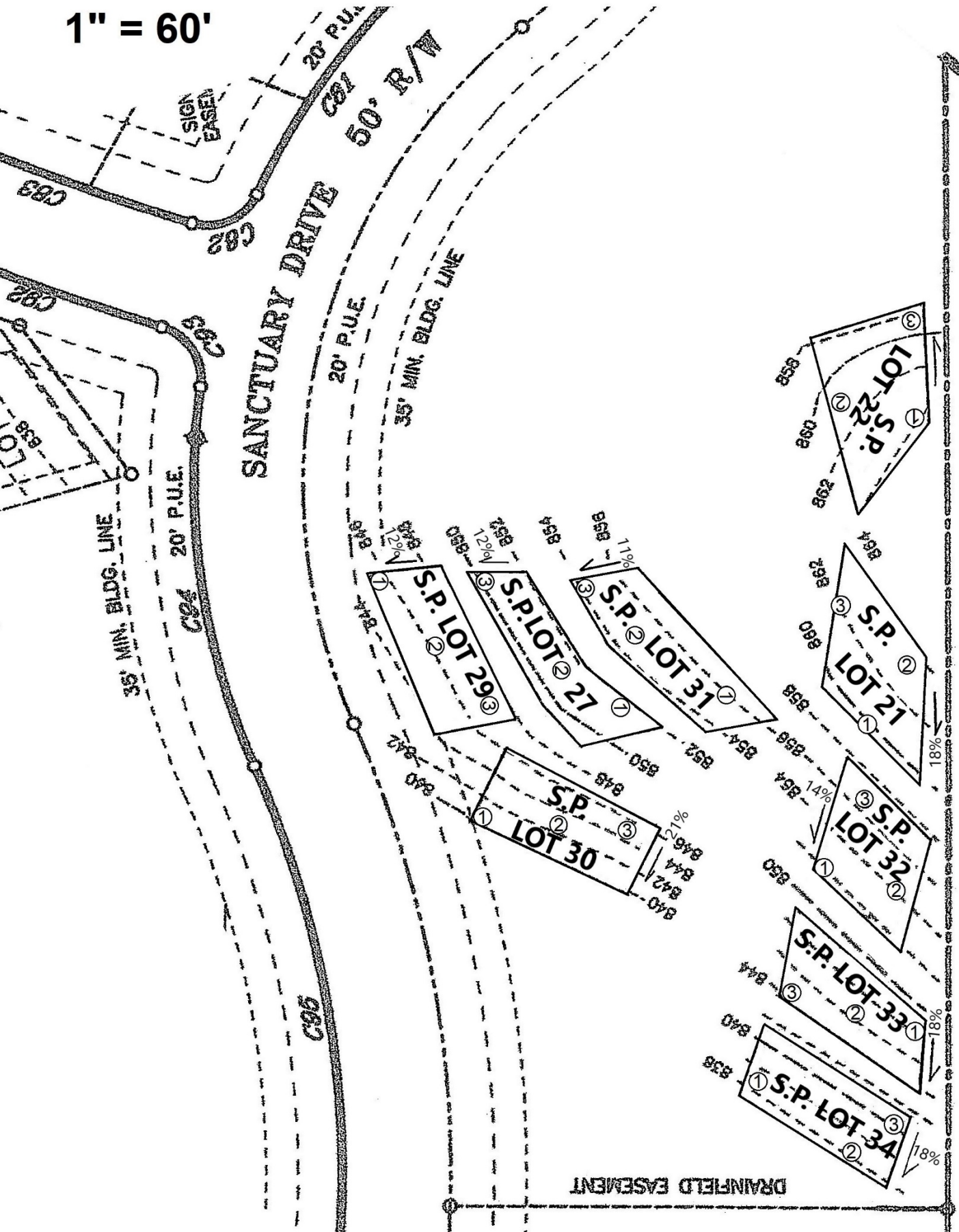
Subdivision: Sanctuary Pointe

Lot: 22 (0.604 acres)

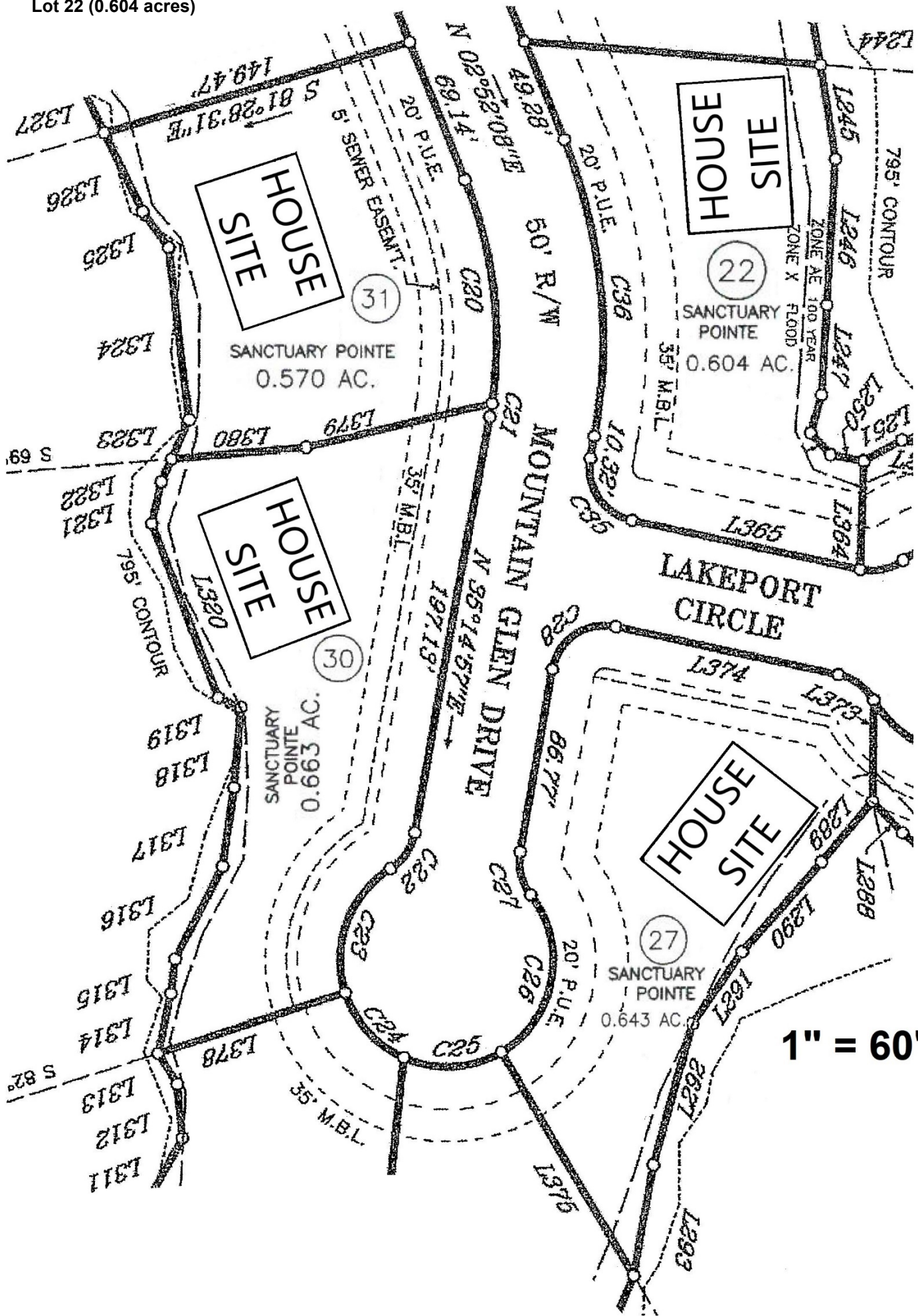
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 18                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 6                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 50                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 53                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 52                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Pointe  
Lot 22 (0.604 acres)



1" = 60'



**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

**General Information**

Date: 2/22/2021  
Applicant: Plyler Properties, Inc  
Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property on left at end of left culdesac  
Subdivision: Sanctuary Pointe Lot: 23  
Acreage: 0.852

**Soil Information Summary**

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 11 %
3. Depth to rock/impervious strata: Max. >103" Min. 102" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
No ☒ Depth of percolation test holes  
Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 84" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/28/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 23 (0.852 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-1        | Brown (7.5YR 4/3) Sandy Loam  | 2             |
|         | BA      | 1-5        | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 5-27       | Red (2.5YR 5/6) Clay  | 4             |
|         | BC      | 27-40      | Red (2.5YR 5/8) Clay Loam   | 3             |
|         | C1      | 40-72      | Brownish Yellow (10YR 6/6) Channery Loam w/ many mica flakes;<br>15% coarse fragments | 2             |
|         | C2      | 72-103     | Light Yellowish Brown (10YR 6/4) Loam w/ many mica flakes                             | 2             |
| Auger 2 | A       | 0-2        | Brown (7.5YR 4/3) Sandy Loam  | 2             |
|         | BA      | 2-7        | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 7-30       | Red (2.5YR 5/6) Clay Loam   | 3             |
|         | BC      | 30-40      | Red (2.5YR 5/8) Clay Loam w/ many mica flakes   | 3             |
|         | C1      | 40-60      | Strong Brown (7.5YR 5/8) Loam   | 2             |
|         | C2      | 60-103     | Strong Brown (7.5YR 5/6) Sandy Loam   | 2             |
| Auger 3 | A       | 0-2        | Brown (7.5YR 4/3) Sandy Loam  | 2             |
|         | BA      | 2-8        | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 8-30       | Red (2.5YR 5/6) Clay Loam   | 3             |
|         | BC      | 30-42      | Red (2.5YR 5/8) Clay Loam w/ many mica flakes   | 3             |
|         | C1      | 42-60      | Yellowish Brown (10YR 5/6) Loam   | 2             |
|         | C2      | 60-102     | Yellowish Brown (10YR 5/8) Loam w/ many mica flakes                                   | 2             |

Applicants:

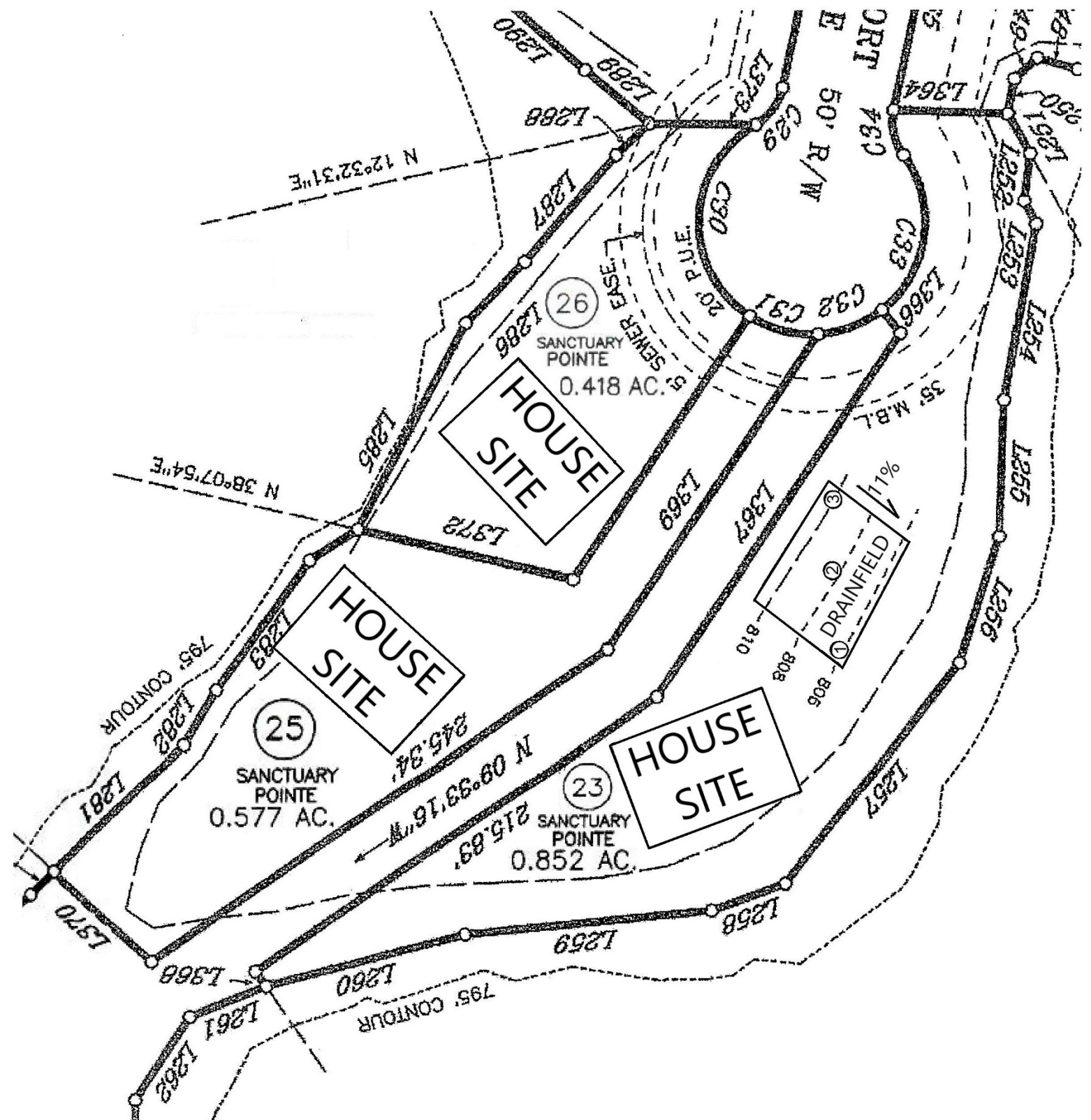
Subdivision: Sanctuary Pointe

Lot: 23 (0.852 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 11   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 84   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property located at end of left culdesac  
 Subdivision: Sanctuary Pointe Lot: 24  
 Acreage: 1.357

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 6 %
3. Depth to rock/imperious strata: Max. >108" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 90" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Village – Lot 12). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/29/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 24 (1.357 acres)

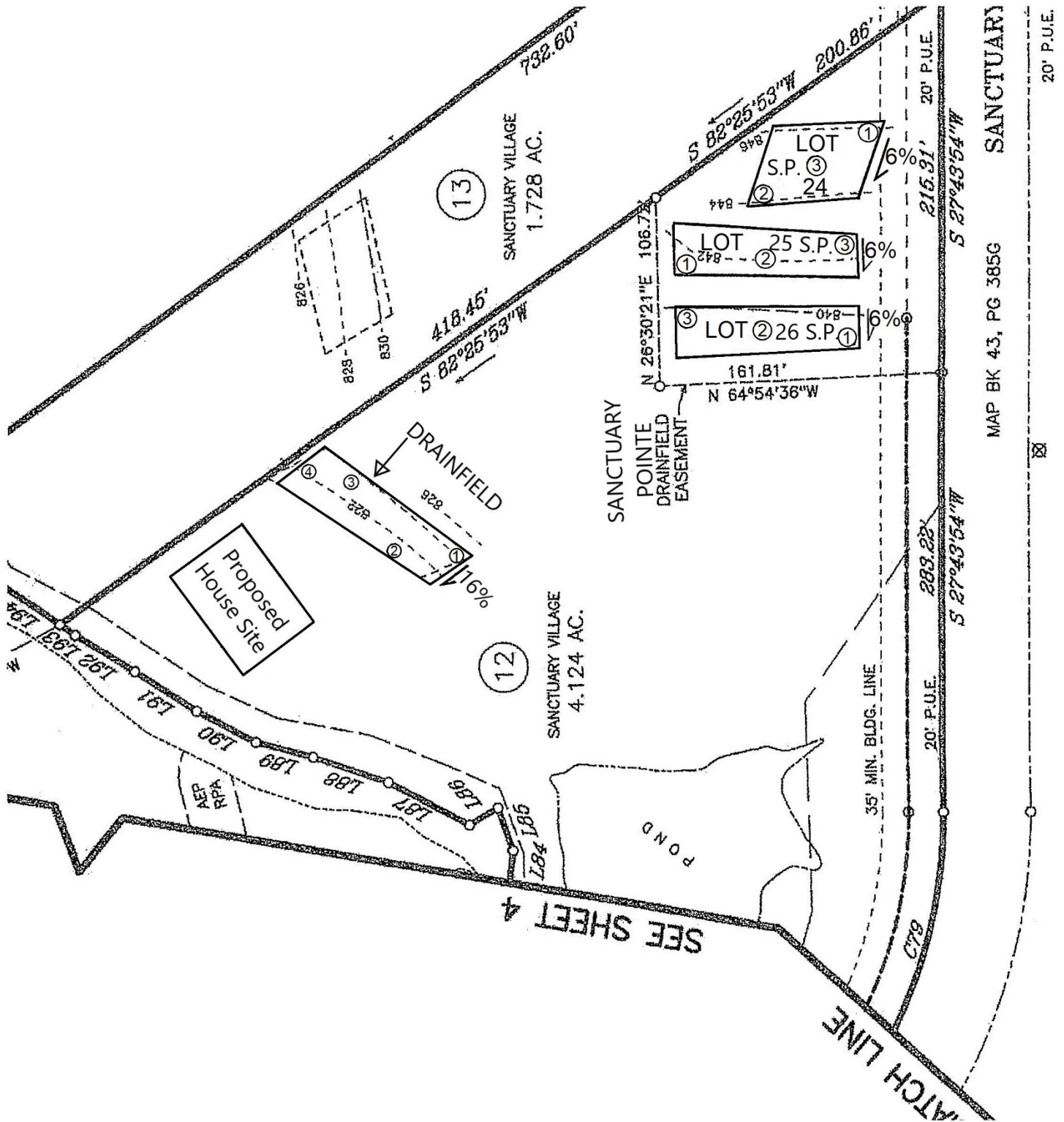
| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-1        | Dark Brown (7.5YR 3/3) Loam  | 2             |
|         | BA      | 1-4        | Brown (7.5YR 5/4) Loam   | 2             |
|         | Bt      | 4-20       | Red (2.5YR 5/6) Clay   | 4             |
|         | BC      | 20-38      | Red (2.5YR 5/6) Clay; common Yellowish Brown (10YR 5/6) schist fragments | 4             |
|         | C1      | 38-75      | Red (2.5YR 5/8) Clay Loam w/ pockets of Loam                             | 3             |
|         | C2      | 75-102     | Yellowish Red (5YR 5/8) Loam w/ many mica flakes                         | 2             |
|         | C3      | 102-108    | Strong Brown (7.5YR 5/6) Loam w/ many mica flakes                        | 2             |
| Auger 2 | A       | 0-1        | Dark Brown (7.5YR 3/3) Loam  | 2             |
|         | BA      | 1-12       | Brown (7.5YR 5/4) Loam   | 2             |
|         | Bt      | 12-36      | Red (2.5YR 5/6) Clay   | 4             |
|         | BC      | 36-60      | Red (2.5YR 5/8) Clay Loam  | 3             |
|         | C1      | 60-72      | Red (2.5YR 4/6) Loam   | 2             |
|         | C2      | 72-96      | Red (2.5YR 5/6) Loam w/ many mica flakes                                 | 2             |
|         | C3      | 96-108     | Yellowish Red (5YR 5/6) Loam w/ many mica flakes                         | 2             |
| Auger 3 | A       | 0-1        | Brown (7.5YR 4/3) Loam   | 2             |
|         | BA      | 1-24       | Brown (7.5YR 5/4) Loam   | 2             |
|         | Bt      | 24-36      | Red (2.5YR 5/6) Clay   | 4             |
|         | BC      | 36-66      | Red (2.5YR 5/8) Clay Loam  | 3             |
|         | C       | 66-108     | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes                        | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 24 (1.357 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

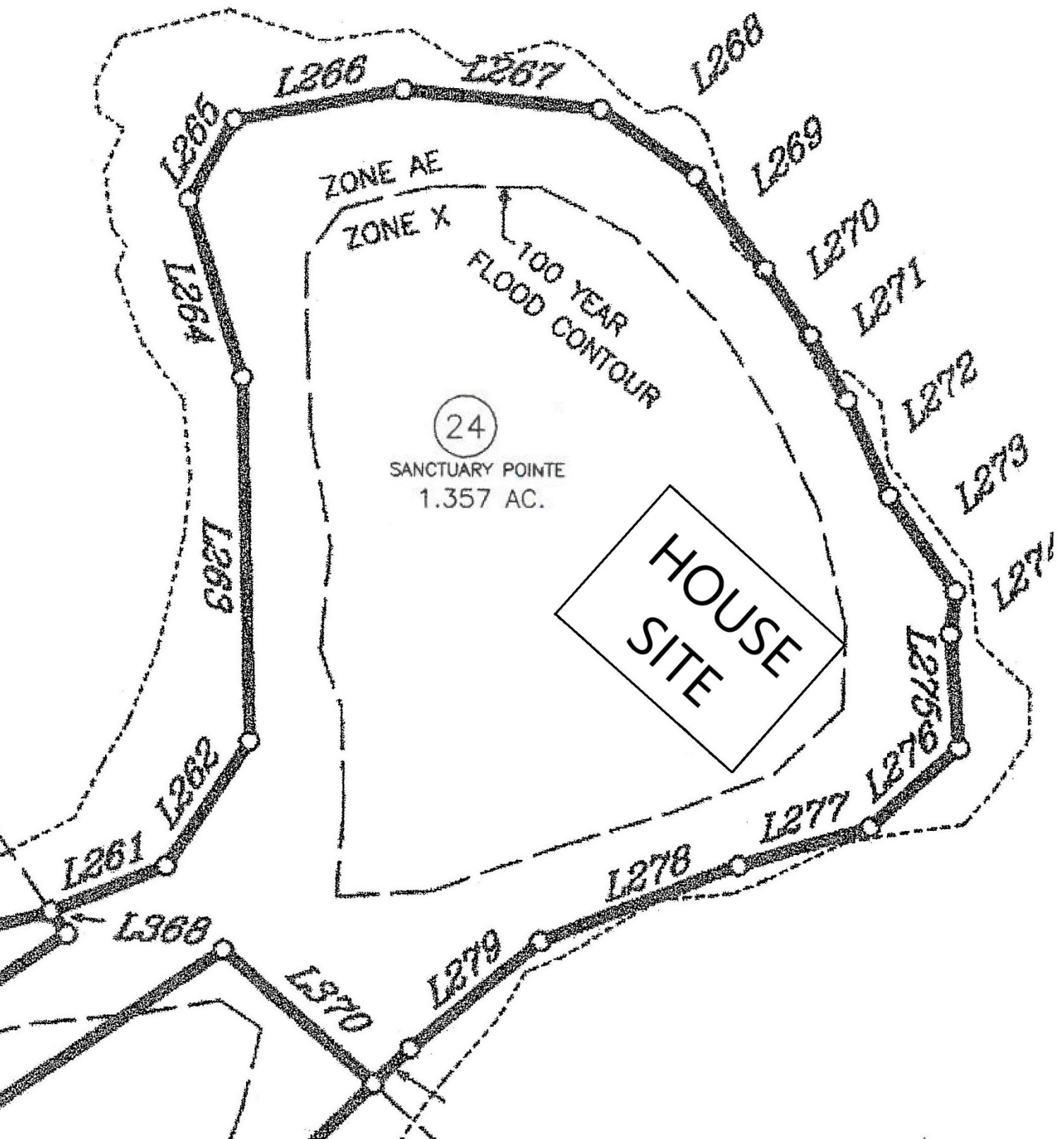
| <b>Main DF</b>                                      |                     | <b>Reserve DF</b>                                   |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 6                   | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 90                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 80'



Sanctuary Pointe  
Lot 24 (1.357 acres)

1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property located at end of left culdesac  
 Subdivision: Sanctuary Pointe Lot: 25  
 Acreage: 0.577

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 6 %
3. Depth to rock/imperious strata: Max. >108" Min. 102" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 84" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Village – Lot 12). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/29/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 25 (0.577 acres)

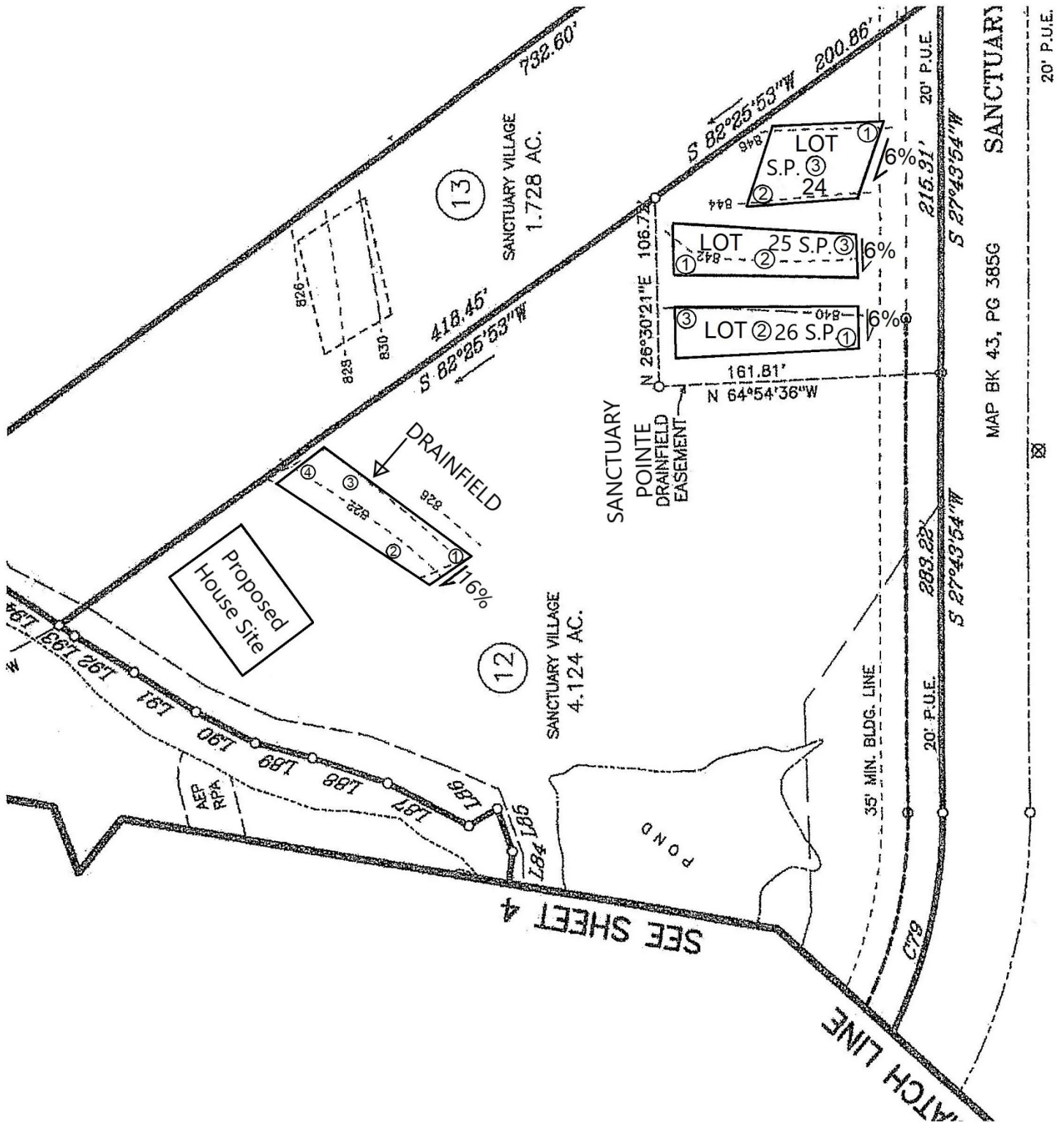
| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-1        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BA      | 1-10       | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 10-40      | Red (2.5YR 5/6) Clay  | 4             |
|         | BC      | 40-72      | Red (2.5YR 5/8) Clay Loam   | 3             |
|         | C       | 72-102     | Red (2.5YR 5/8) Loam w/ many mica flakes  | 2             |
| Auger 2 | A       | 0-2        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BA      | 2-6        | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 6-24       | Red (2.5YR 5/6) Clay  | 4             |
|         | BC      | 24-36      | Red (2.5YR 5/8) Clay Loam w/ many mica flakes; common Yellowish Brown (10YR 5/6) schist fragments | 3             |
|         | C1      | 36-60      | Red (2.5YR 5/6) Sandy Clay Loam w/ many mica flakes   | 2             |
|         | C2      | 60-108     | Yellowish Red (5YR 5/6) Loam w/ many mica flakes  | 2             |
| Auger 3 | A       | 0-2        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BA      | 2-8        | Brown (7.5YR 5/4) Sandy Loam  | 2             |
|         | Bt      | 8-36       | Red (2.5YR 5/6) Clay  | 4             |
|         | BC      | 36-60      | Red (2.5YR 5/8) Clay Loam   | 3             |
|         | C1      | 60-84      | Yellowish Red (5YR 5/6) Loam  | 2             |
|         | C2      | 84-108     | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes; 10% coarse fragments                         | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 25 (0.577 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

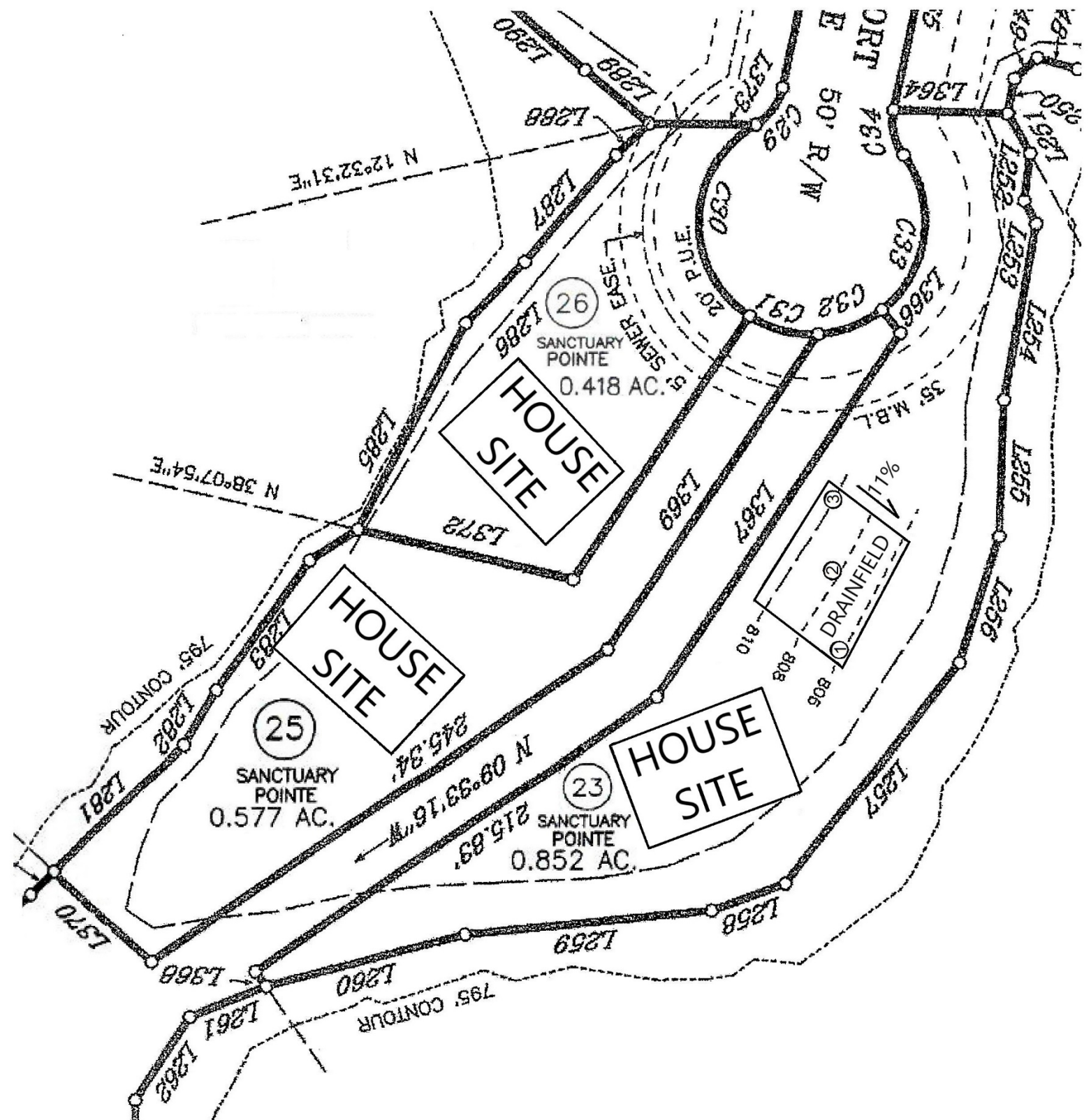
| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 6                   | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 84                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 80'



Sanctuary Point  
Lot 25 (0.577 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property located at end of left culdesac  
 Subdivision: Sanctuary Pointe Lot: 26  
 Acreage: 0.418

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 6 %
3. Depth to rock/imperious strata: Max. >108" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 90" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement on Sanctuary Village – Lot 12). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# **PROFILE DESCRIPTION SOIL EVALUATION REPORT**

Date of Evaluation: 10/29/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 26 (0.418 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-3        | Brown (7.5YR 4/3) Loam                              | 2             |
|         | BA      | 3-12       | Brown (7.5YR 5/4) Loam                              | 2             |
|         | Bt      | 12-48      | Red (2.5YR 5/6) Clay                                | 4             |
|         | BC      | 48-72      | Red (2.5YR 5/8) Clay Loam                           | 3             |
|         | C       | 72-108     | Red (2.5YR 5/8) Loam                                | 2             |
| Auger 2 | Ap      | 0-2        | Dark Brown (7.5YR 3/3) Loam                         | 2             |
|         | BA      | 2-12       | Brown (7.5YR 5/4) Loam                              | 2             |
|         | Bt1     | 12-24      | Red (2.5YR 5/8) Clay                                | 4             |
|         | Bt2     | 24-50      | Red (2.5YR 5/6) Clay                                | 4             |
|         | BC      | 50-72      | Red (2.5YR 5/8) Clay Loam                           | 3             |
|         | C1      | 72-84      | Red (2.5YR 5/8) Sandy Clay Loam w/ many mica flakes | 2             |
|         | C2      | 84-108     | Red (2.5YR 4/8) Loam w/ many mica flakes            | 2             |
| Auger 3 | Ap      | 0-1        | Brown (7.5YR 4/3) Loam                              | 2             |
|         | BA      | 1-10       | Brown (7.5YR 5/4) Loam                              | 2             |
|         | Bt      | 10-42      | Red (2.5YR 5/6) Clay                                | 4             |
|         | BC      | 42-72      | Red (2.5YR 5/8) Clay Loam                           | 3             |
|         | C       | 72-108     | Red (2.5YR 5/6) Loam w/ many mica flakes            | 2             |

Applicants:

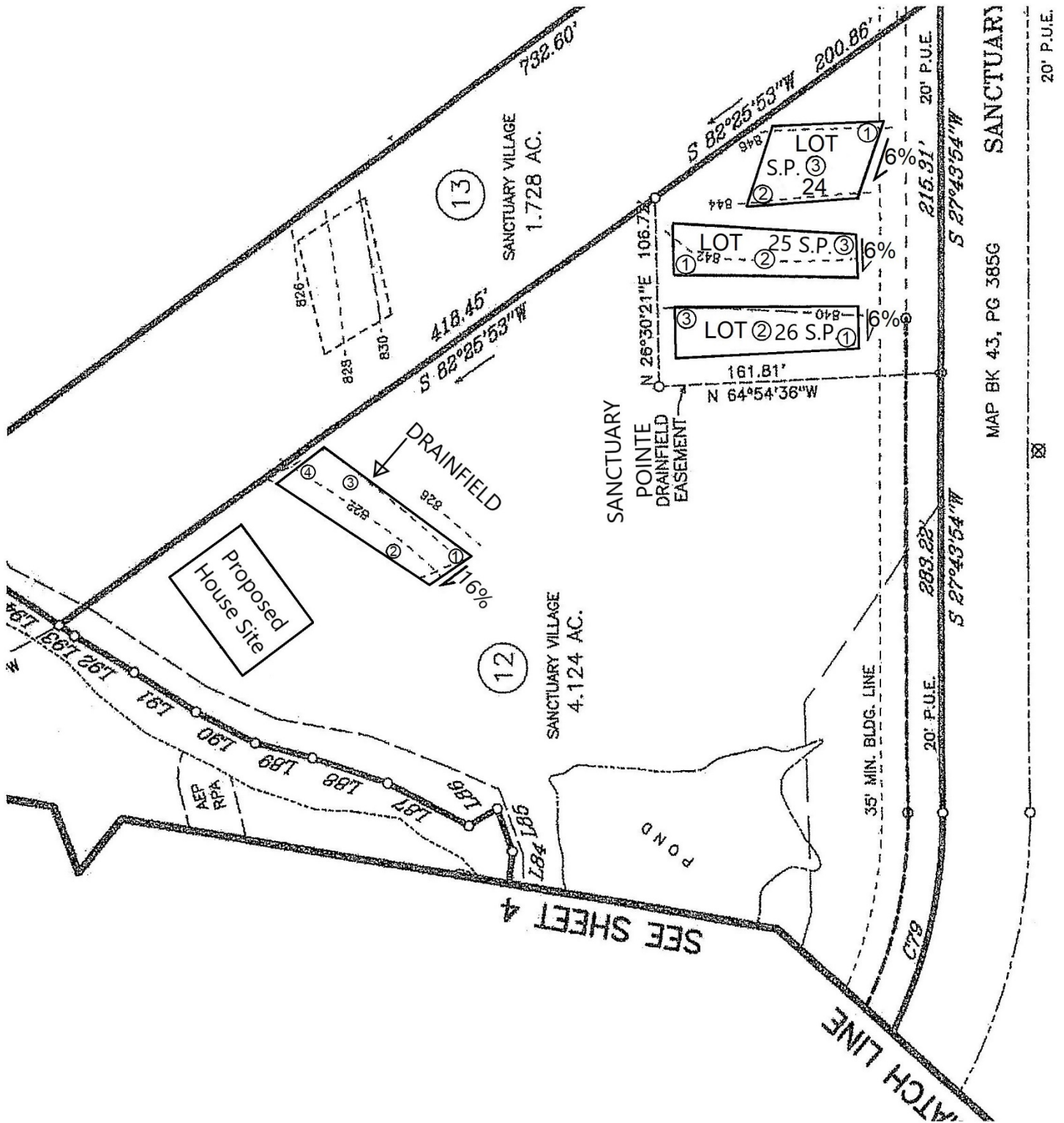
Subdivision: Sanctuary Pointe

Lot: 26 (0.418 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

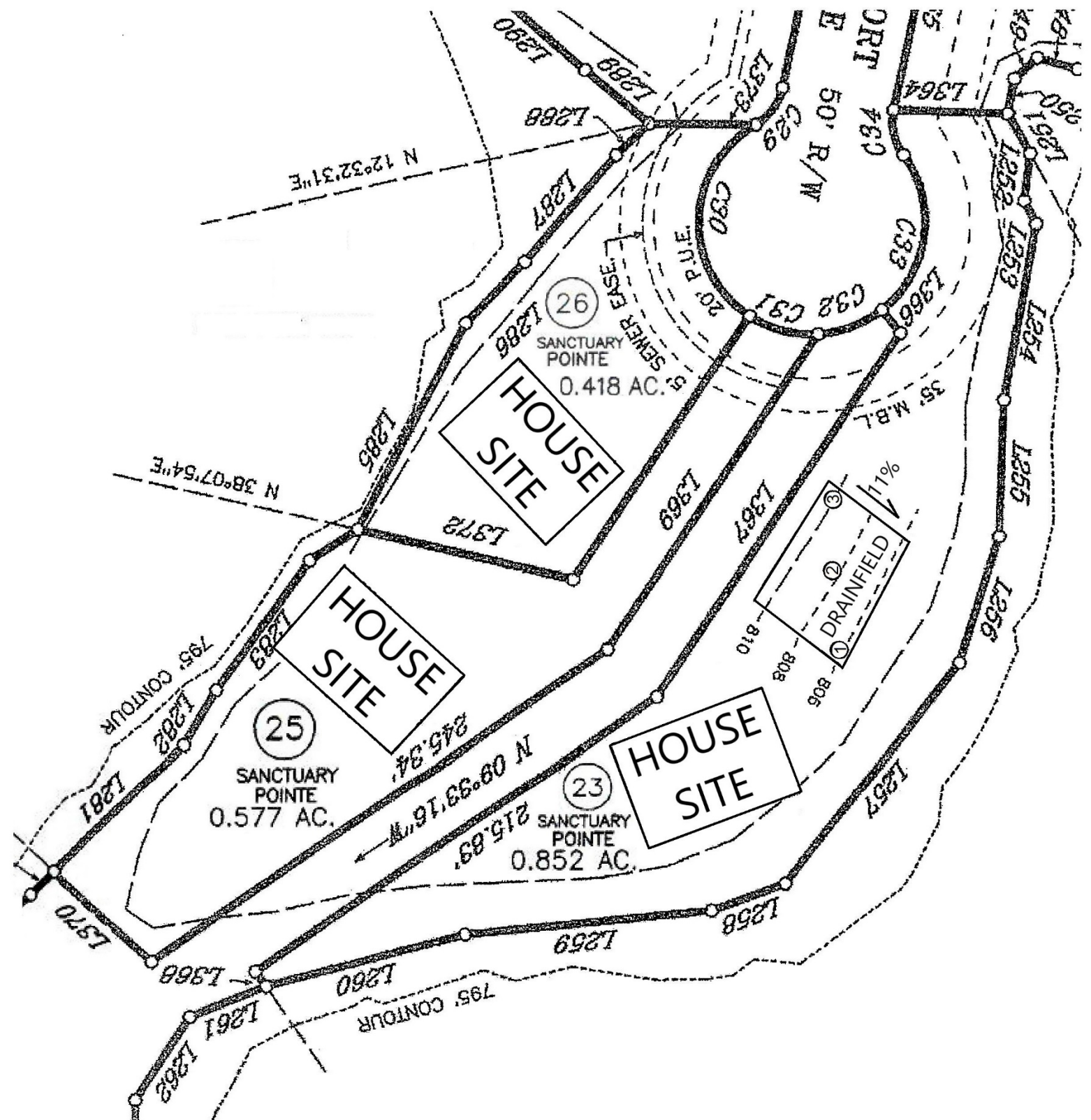
| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 6                   | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 100                 | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 90                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 80'



Sanctuary Point  
Lot 26 (0.418 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property located at end between culdesacs  
 Subdivision: Sanctuary Pointe Lot: 27  
 Acreage: 0.643

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/impervious strata: Max. >72" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 30 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 810 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 27 (0.643 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-3        | Brown (7.5YR 4/3) Loam  | 2             |
|         | Bt      | 3-24       | Yellowish Red (5YR 5/8) Clay Loam   | 3             |
|         | C       | 24-72      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes                             | 2             |
| Auger 2 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam  | 2             |
|         | Bt      | 4-18       | Strong Brown (7.5YR 5/8) Clay Loam  | 3             |
|         | BC      | 18-42      | Brownish Yellow (10YR 6/6) Channery Loam w/ many mica flakes;<br>15% coarse fragments | 2             |
|         | C       | 42-72      | Strong Brown (7.5YR 5/8) Sandy Loam w/ many mica flakes                               | 2             |
| Auger 3 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam  | 2             |
|         | Bt      | 6-22       | Yellowish Red (5YR 5/8) Clay Loam   | 3             |
|         | BC      | 22-36      | Reddish Yellow (7.5YR 6/8) Loam w/ many mica flakes                                   | 2             |
|         | C       | 36-72      | Yellowish Brown (10YR 5/6) Sandy Loam w/ many mica flakes                             | 2             |

Applicants:

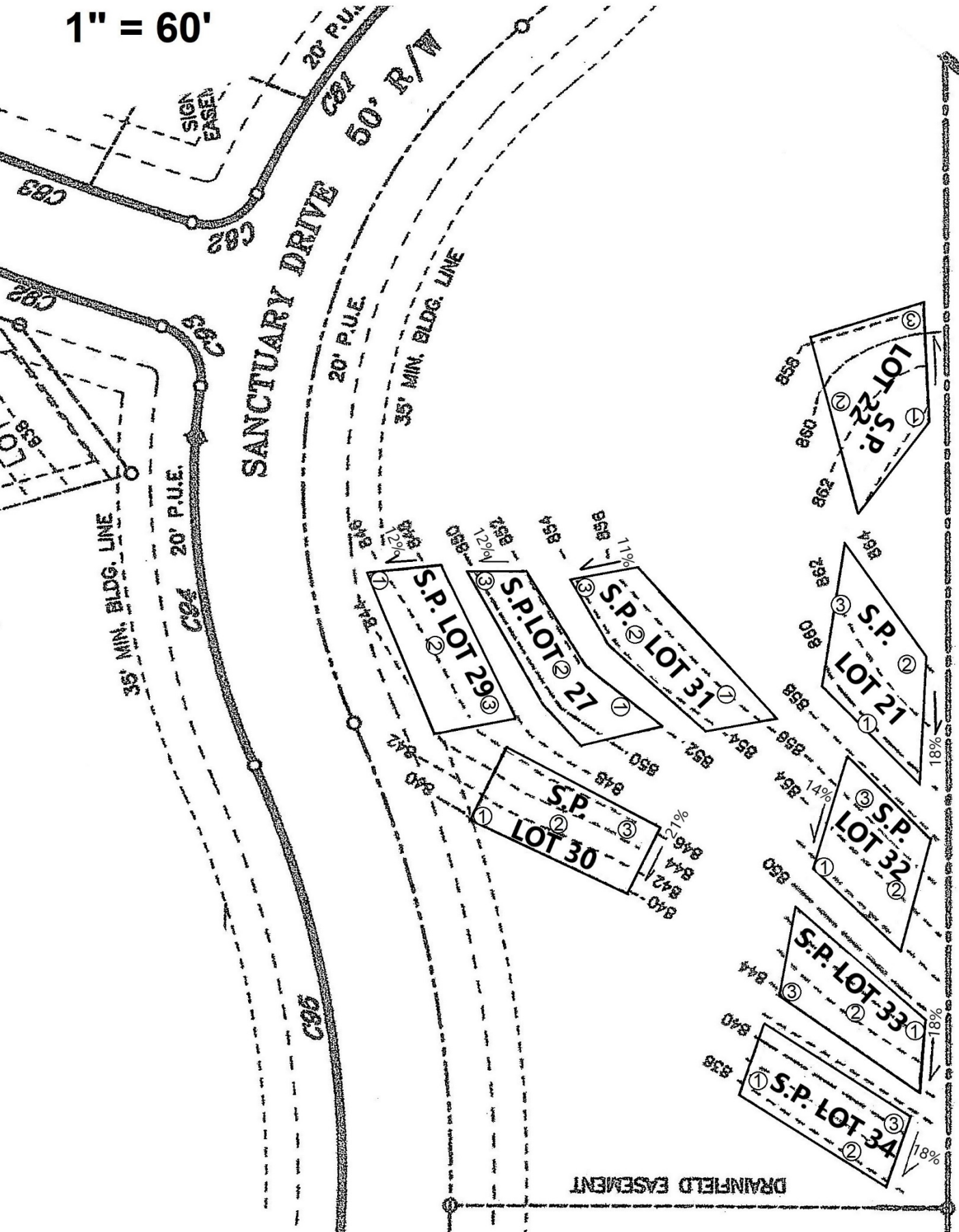
Subdivision: Sanctuary Pointe

Lot: 27 (0.643 acres)

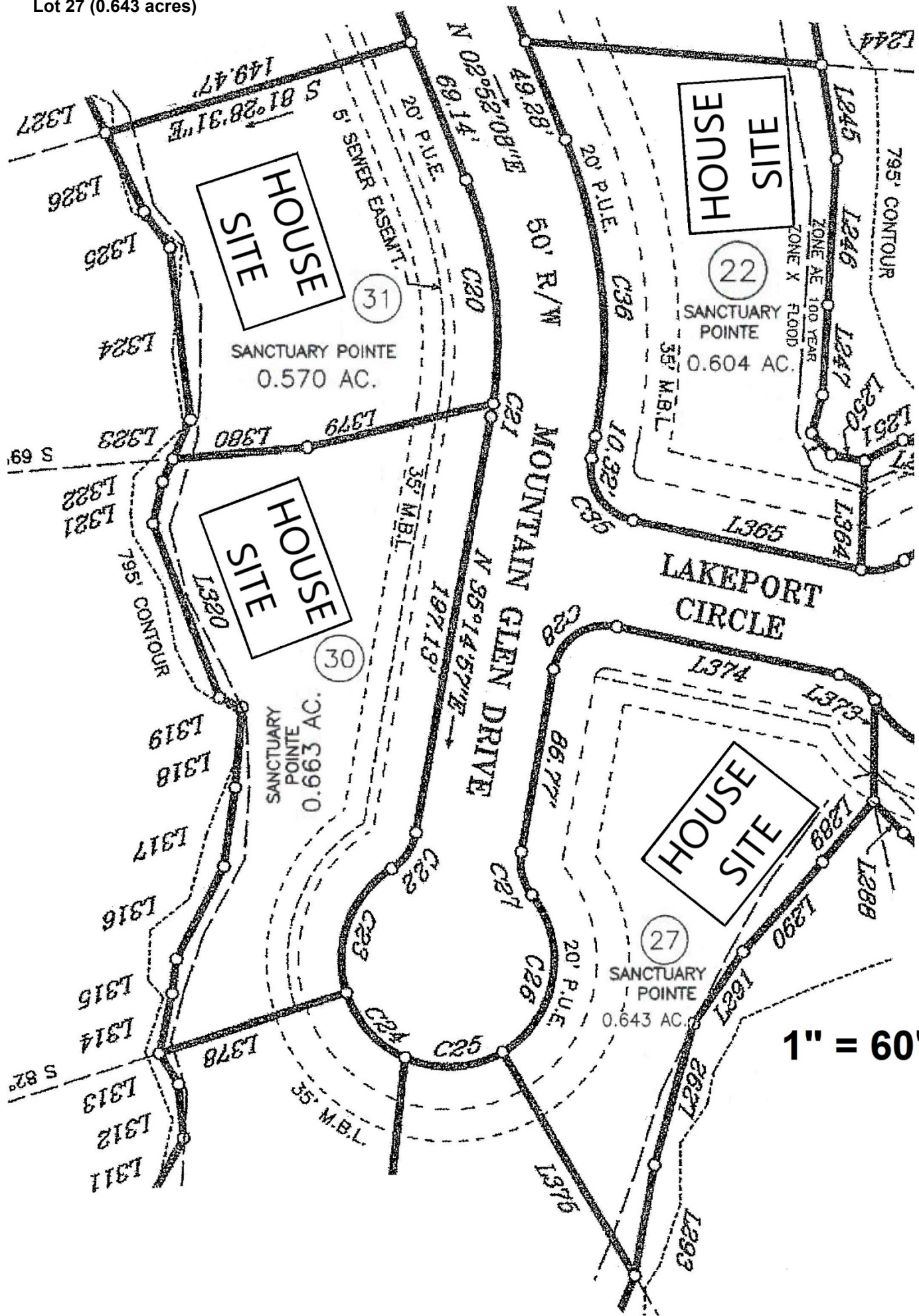
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 30                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 260                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 270                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 780                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 810                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 90                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Pointe  
Lot 27 (0.643 acres)





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr, property on right at end of right culdesac  
 Subdivision: Sanctuary Pointe Lot: 28  
 Acreage: 0.884

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 10 %
3. Depth to rock/imperious strata: Max. >85" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/28/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 28 (0.884 acres)

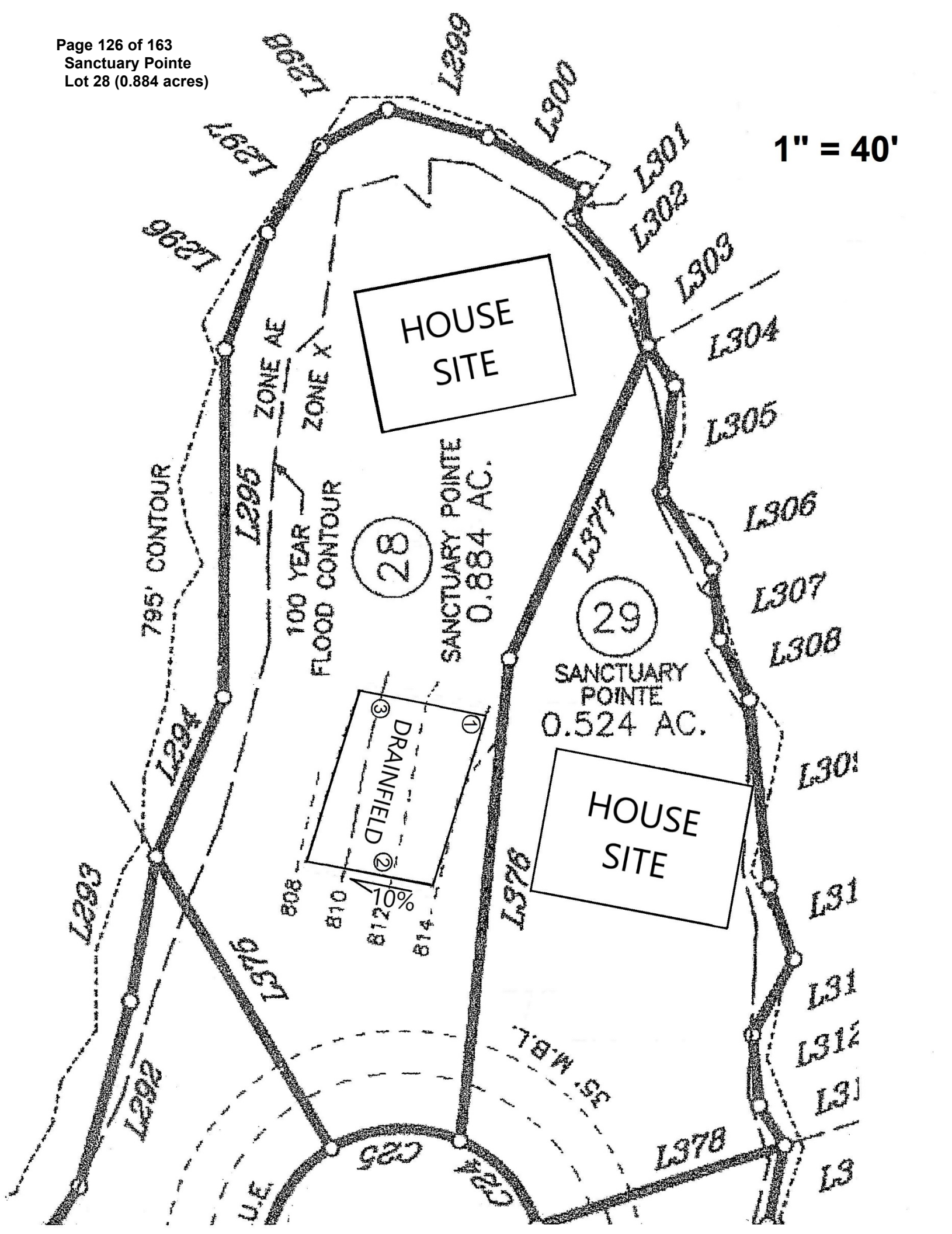
| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | A       | 0-1        | Brown (7.5YR 4/3) Sandy Loam                        | 2             |
|         | BA      | 1-10       | Brown (7.5YR 5/4) Sandy Loam                        | 2             |
|         | Bt      | 10-36      | Red (2.5YR 5/6) Clay Loam                           | 3             |
|         | BC      | 36-42      | Yellowish Red (5YR 5/6) Loam                        | 2             |
|         | C       | 42-85      | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes | 2             |
| Auger 2 | A       | 0-1        | Brown (7.5YR 4/3) Sandy Loam                        | 2             |
|         | BA      | 1-4        | Brown (7.5YR 5/4) Sandy Loam                        | 2             |
|         | Bt      | 4-30       | Red (2.5YR 5/6) Clay Loam                           | 3             |
|         | BC      | 30-62      | Yellowish Red (5YR 5/6) Loam                        | 2             |
|         | C       | 62-84      | Brownish Yellow (10YR 6/8) Loam w/ many mica flakes | 2             |
| Auger 3 | A       | 0-1        | Brown (7.5YR 4/3) Sandy Loam                        | 2             |
|         | BA      | 1-6        | Brown (7.5YR 5/4) Sandy Loam                        | 2             |
|         | Bt      | 6-29       | Red (2.5YR 5/6) Clay Loam                           | 3             |
|         | BC      | 29-45      | Yellowish Red (5YR 5/6) Loam                        | 2             |
|         | C       | 45-84      | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 28 (0.884 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |      | <b>Reserve DF</b>                                   |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 10   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 5    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 60   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No   | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 43   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 40'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to property at end of culdesac on right  
 Subdivision: Sanctuary Pointe Lot: 29  
 Acreage: 0.524

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 12 %
3. Depth to rock/imperious strata: Max. >87" Min. 82" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 64" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 29 (0.524 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 6-30       | Yellowish Red (5YR 5/8) Clay Loam                                | 3             |
|         | BC      | 30-50      | Yellowish Red (5YR 5/8) Loam                                     | 2             |
|         | C       | 50-87      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes        | 2             |
| Auger 2 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 4-16       | Yellowish Red (5YR 5/8) Clay Loam                                | 3             |
|         | BC      | 16-24      | Yellowish Red (5YR 5/8) Loam                                     | 2             |
|         | C       | 24-82      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes        | 2             |
| Auger 3 | Ap      | 0-3        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 3-27       | Yellowish Red (5YR 5/6) Channery Clay Loam; 15% coarse fragments | 3             |
|         | C1      | 27-50      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes        | 2             |
|         | C2      | 50-84      | Yellowish Brown (10YR 5/8) Sandy Loam w/ many mica flakes        | 2             |

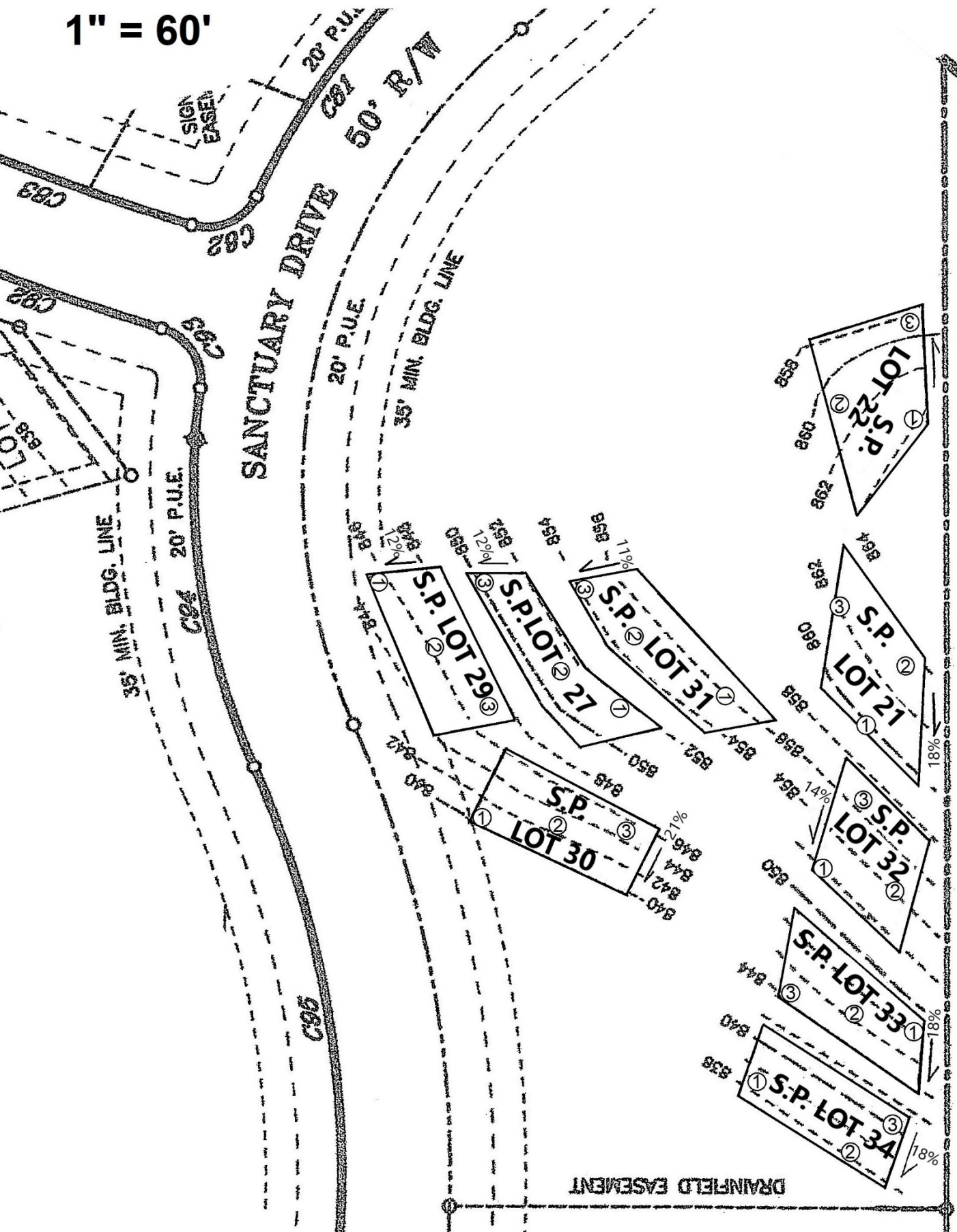
Applicants:

Subdivision: Sanctuary Pointe

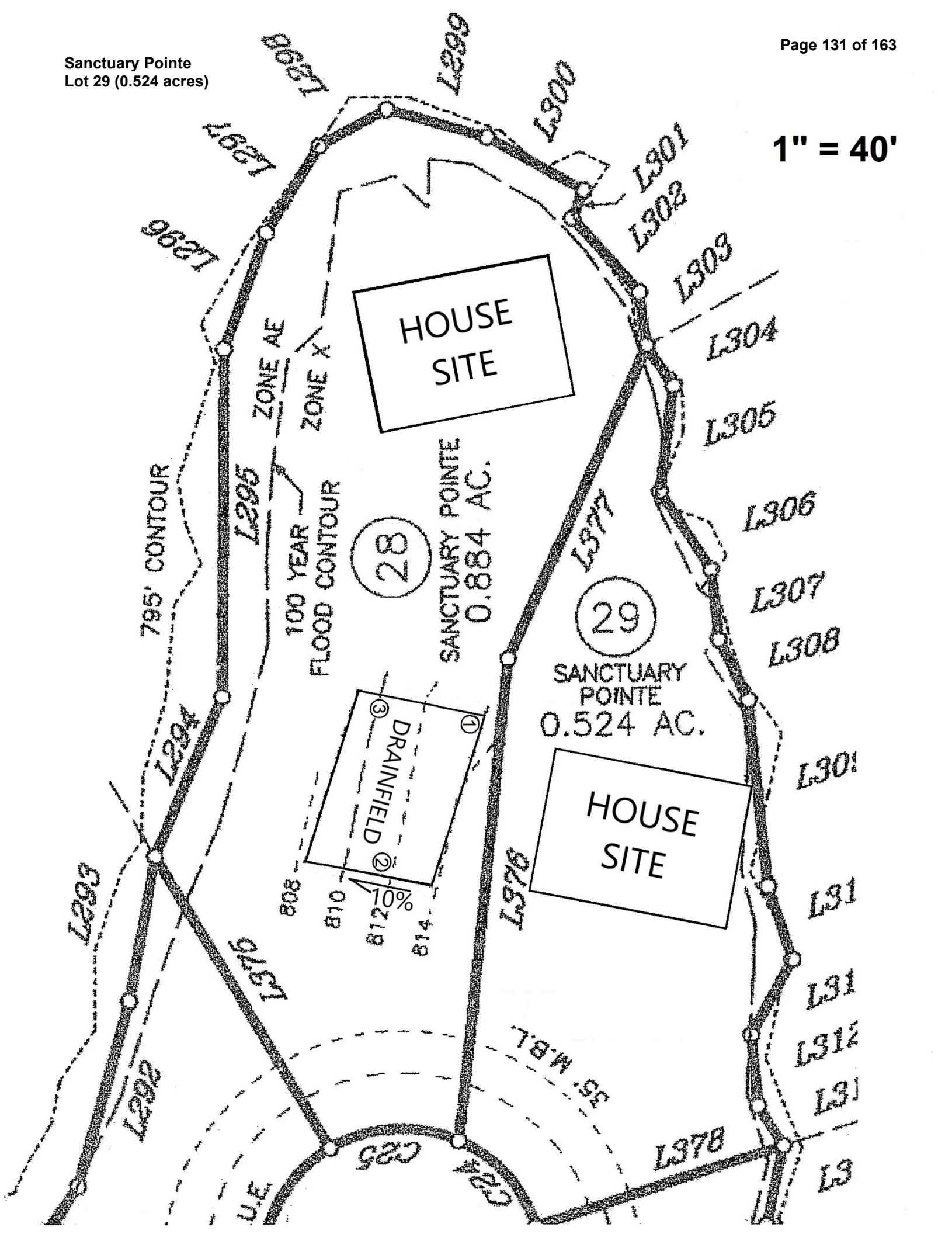
Lot: 29 (0.524 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 12                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 64                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |



1" = 40'





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 Subdivision: Sanctuary Pointe Lot: 30  
 Acreage: 0.663

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 21 %
3. Depth to rock/impervious strata: Max. >72" Min. 64" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 40" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 30 (0.663 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam  | 2             |
|         | BC      | 4-12       | Strong Brown (7.5YR 5/8) Channery Clay Loam; 15% coarse fragments | 3             |
|         | C1      | 12-36      | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes                 | 2             |
|         | C2      | 36-64      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes         | 2             |
| Auger 2 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam  | 2             |
|         | Bt      | 6-18       | Strong Brown (7.5YR 5/8) Clay Loam                                | 3             |
|         | BC      | 18-30      | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes                 | 2             |
|         | C       | 30-72      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes         | 2             |
| Auger 3 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam  | 2             |
|         | Bt      | 6-24       | Yellowish Red (5YR 5/8) Clay Loam                                 | 3             |
|         | C       | 24-72      | Yellowish Brown (10YR 5/4) Sandy Loam w/ many mica flakes         | 2             |

Applicants:

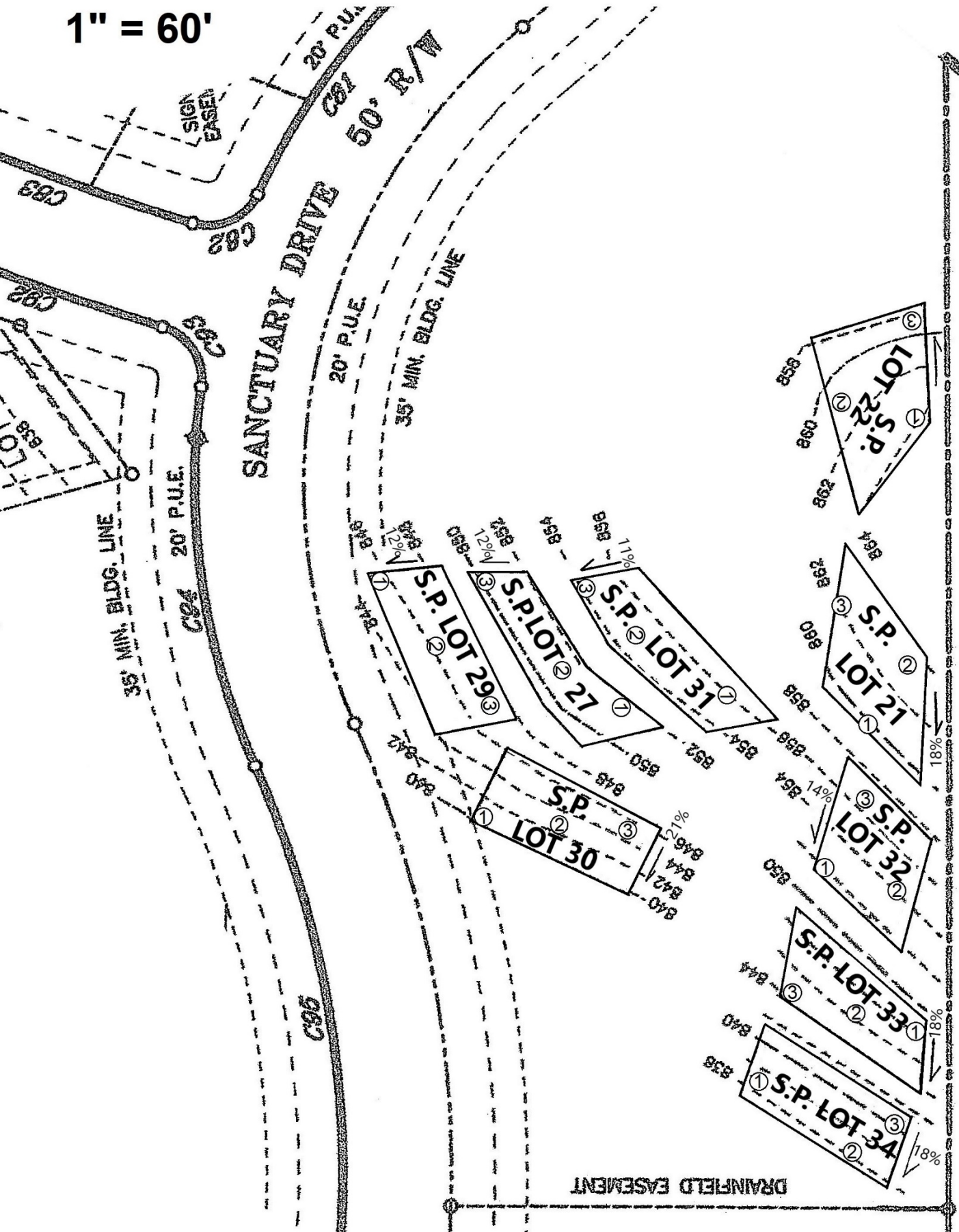
Subdivision: Sanctuary Pointe

Lot: 30 (0.663 acres)

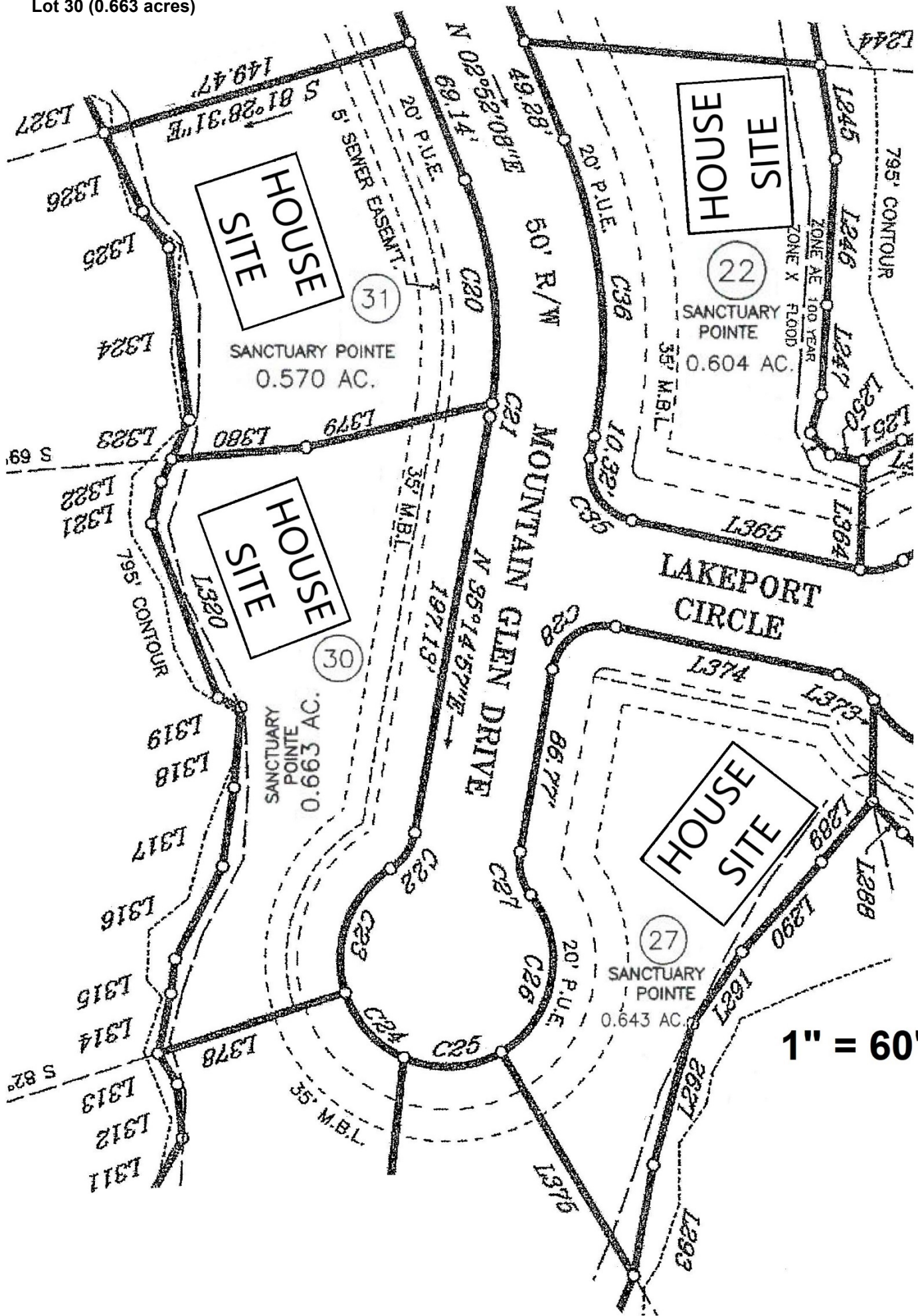
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 21                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 40                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Pointe  
Lot 30 (0.663 acres)



1" = 60'



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 Subdivision: Sanctuary Pointe Lot: 31  
 Acreage: 0.570

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 11 %
3. Depth to rock/impervious strata: Max. >74" Min. 72" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 30 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 810 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 31 (0.570 acres)

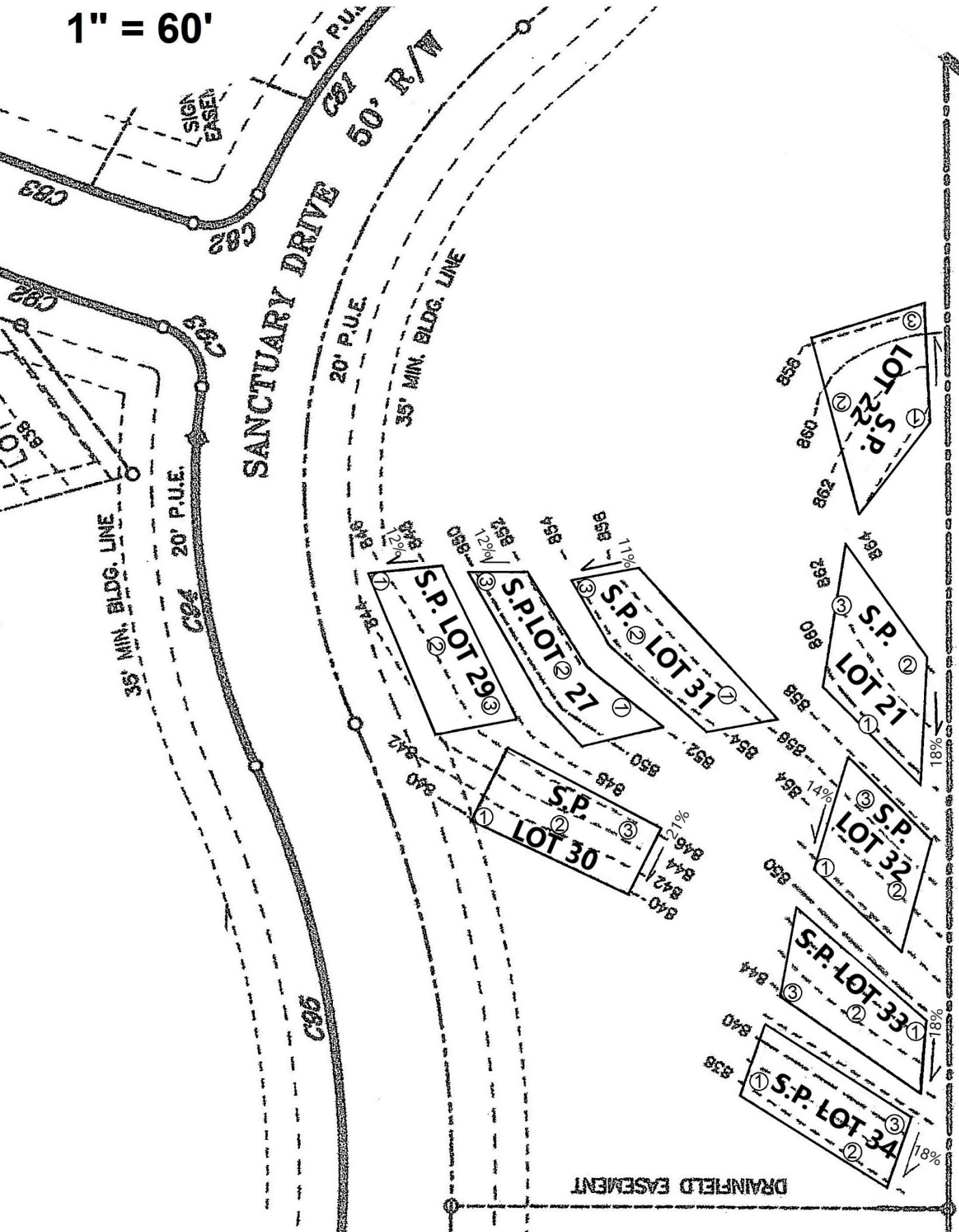
| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 4-30       | Yellowish Red (5YR 5/8) Clay Loam  | 3             |
|         | C       | 30-74      | Reddish Yellow (7.5YR 6/8) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
| Auger 2 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 4-16       | Yellowish Red (5YR 5/6) Clay Loam  | 3             |
|         | BC      | 16-34      | Strong Brown (7.5YR 5/8) Channery Loam w/ many mica flakes; 15% coarse fragments   | 2             |
|         | C       | 34-72      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes                          | 2             |
| Auger 3 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 4-10       | Red (2.5YR 4/6) Clay   | 4             |
|         | BC      | 10-20      | Yellowish Red (5YR 5/8) Loam   | 2             |
|         | C1      | 20-50      | Yellowish Brown (10YR 5/6) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
|         | C2      | 50-72      | Strong Brown (7.5YR 5/8) Sandy Loam w/ many mica flakes                            | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 31 (0.570 acres)

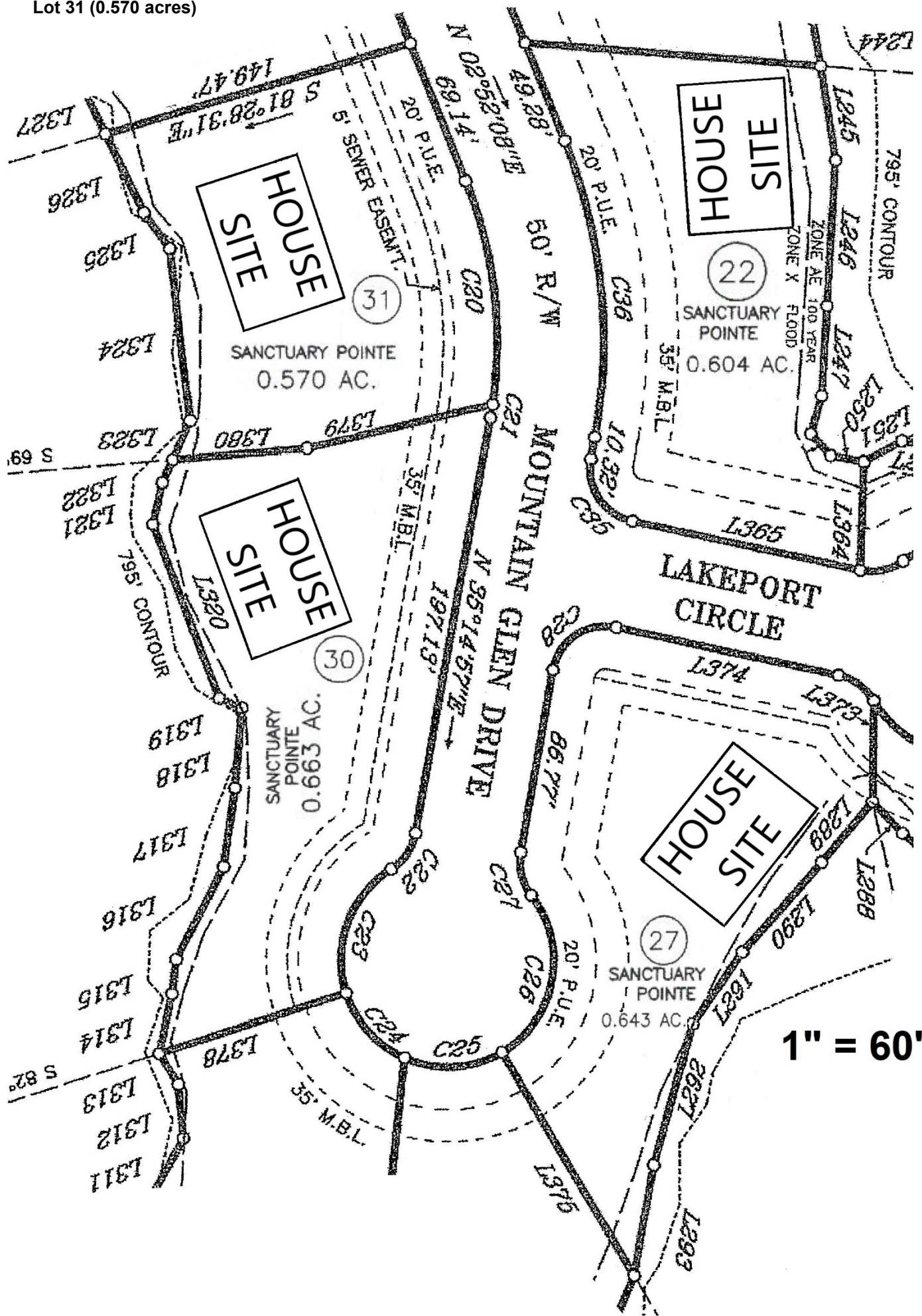
**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| <b>Main DF</b>                                      |                     | <b>Reserve DF</b>                                   |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 30                  | Type of Reserve                                     | N/A                    |
| Slope %   | 11                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 260                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 270                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 780                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 810                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 3                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 90                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 23                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Pointe  
Lot 31 (0.570 acres)





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 Subdivision: Sanctuary Pointe Lot: 32  
 Acreage: 0.572

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 14 %
3. Depth to rock/impervious strata: Max. >96" Min. 84" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 32 (0.572 acres)

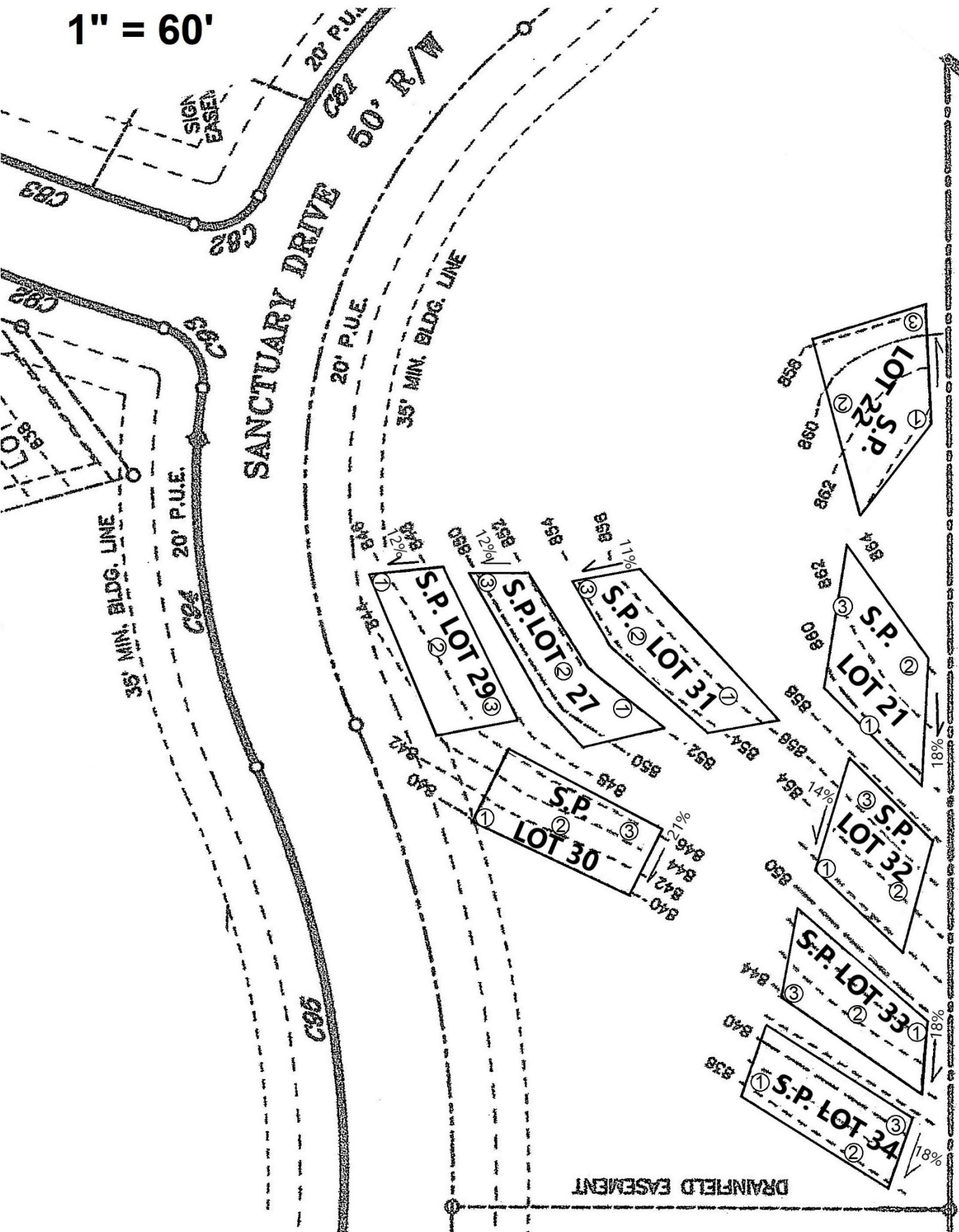
| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-2        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 2-18       | Yellowish Red (5YR 5/8) Clay Loam                                    | 3             |
|         | BC      | 18-30      | Strong Brown (7.5YR 5/8) Channery Clay Loam; 15% coarse fragments    | 3             |
|         | C1      | 30-60      | Reddish Yellow (7.5YR 6/8) Channery Sandy Loam; 15% coarse fragments | 2             |
|         | C2      | 60-96      | Reddish Yellow (7.5YR 6/8) Sandy Loam                                | 2             |
| Auger 2 | Ap      | 0-2        | Brown (7.5YR 4/3) Loam   | 2             |
|         | BA      | 2-12       | Brown (7.5YR 5/4) Loam   | 2             |
|         | Bt      | 12-30      | Red (2.5YR 5/8) Clay   | 4             |
|         | BC      | 30-42      | Yellowish Red (5YR 5/8) Clay Loam w/ many mica flakes                | 3             |
|         | C       | 42-96      | Strong Brown (7.5YR 5/8) Sandy Loam                                  | 3             |
| Auger 3 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 6-40       | Red (2.5YR 5/8) Clay   | 4             |
|         | C       | 40-84      | Reddish Yellow (7.5YR 6/8) Sandy Loam w/ many mica flakes            | 2             |
|         | AR      | 84         | Quartz   | -             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 32 (0.572 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

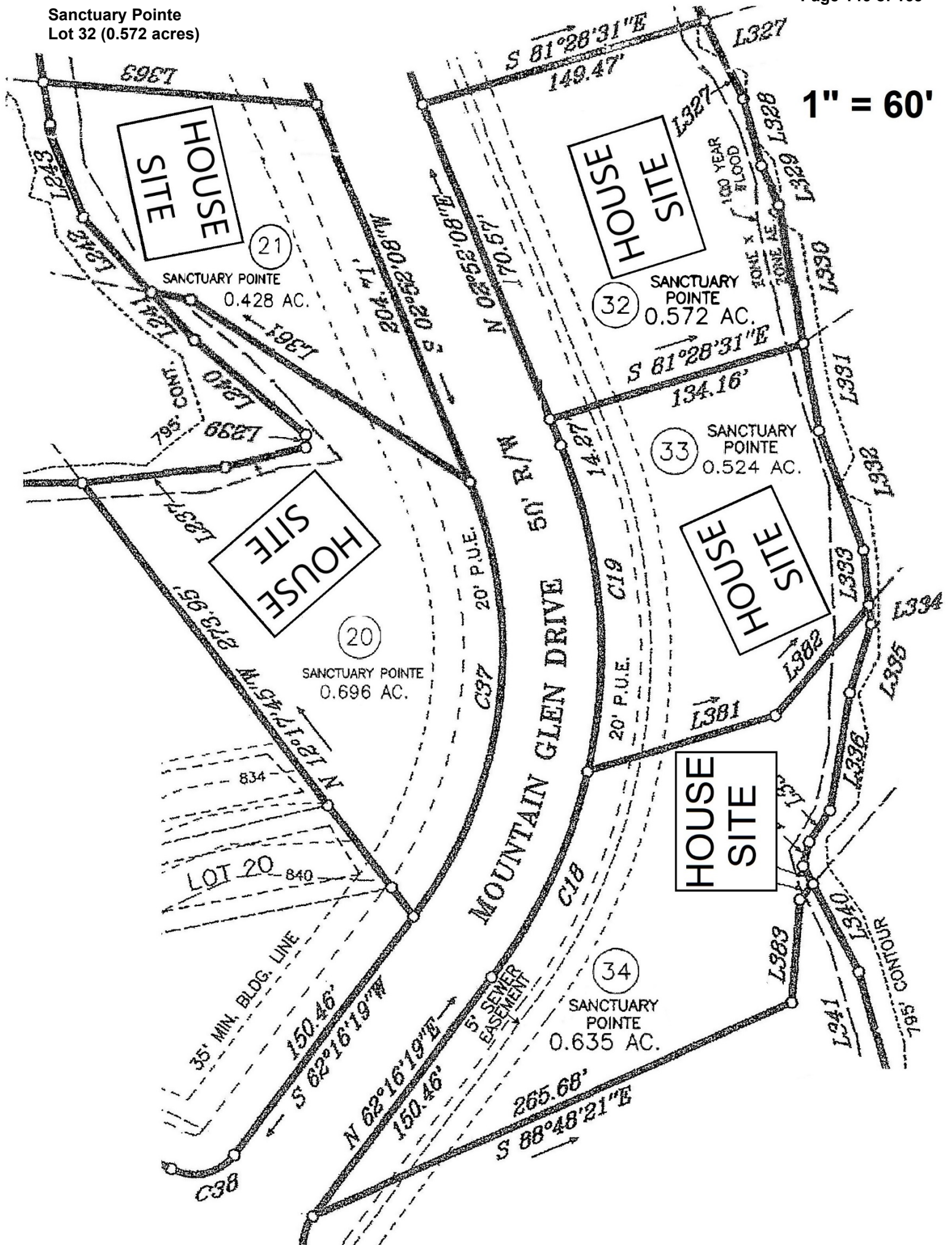
| <b>Main DF</b>                                      |                     | <b>Reserve DF</b>                                   |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 14                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 6                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 50                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 53                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Point  
Lot 32 (0.572 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to property on right  
 Subdivision: Sanctuary Pointe Lot: 33  
 Acreage: 0.524

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 18 %
3. Depth to rock/impervious strata: Max. >84" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 60" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 33 (0.524 acres)

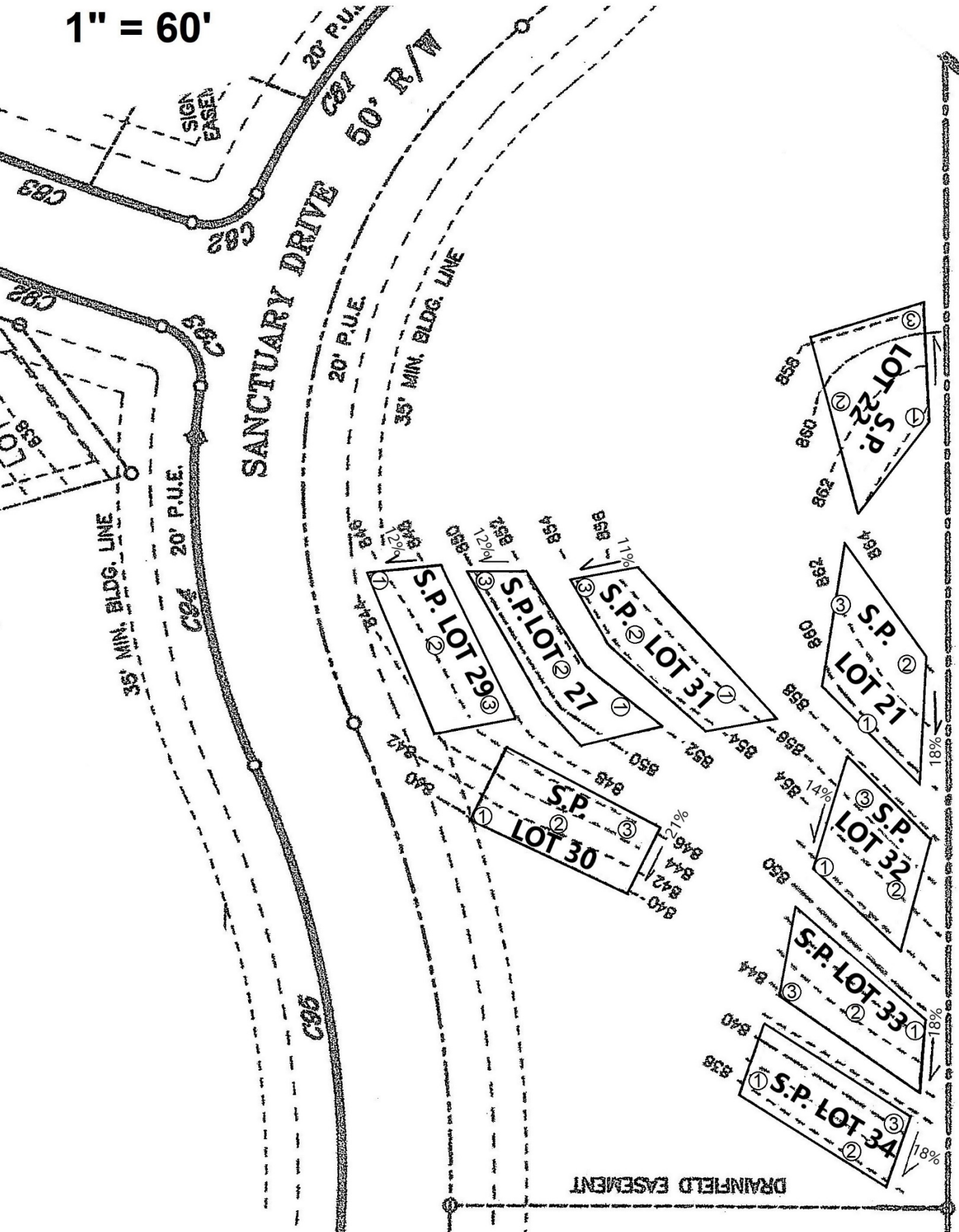
| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | Ap      | 0-1        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 1-30       | Yellowish Red (5YR 5/6) Clay   | 4             |
|         | BC      | 30-45      | Yellowish Brown (10YR 5/6) Channery Loam w/ many mica flakes; 15% coarse fragments | 2             |
|         | C       | 45-84      | Reddish Yellow (7.5YR 6/8) Sandy Loam  | 2             |
| Auger 2 | Ap      | 0-6        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt1     | 6-18       | Brown (7.5YR 5/4) Clay Loam  | 3             |
|         | Bt2     | 18-30      | Yellowish Red (5YR 5/8) Clay Loam  | 3             |
|         | C       | 30-84      | Reddish Yellow (5YR 6/8) Sandy Loam  | 2             |
| Auger 3 | Ap      | 0-2        | Brown (7.5YR 4/3) Loam   | 2             |
|         | Bt      | 2-28       | Red (2.5YR 5/8) Clay   | 4             |
|         | CC      | 28-38      | Strong Brown (7.5YR 5/8) Loam  | 2             |
|         | C       | 38-84      | Yellowish Brown (10YR 5/6) Sandy Loam  | 2             |

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 33 (0.524 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

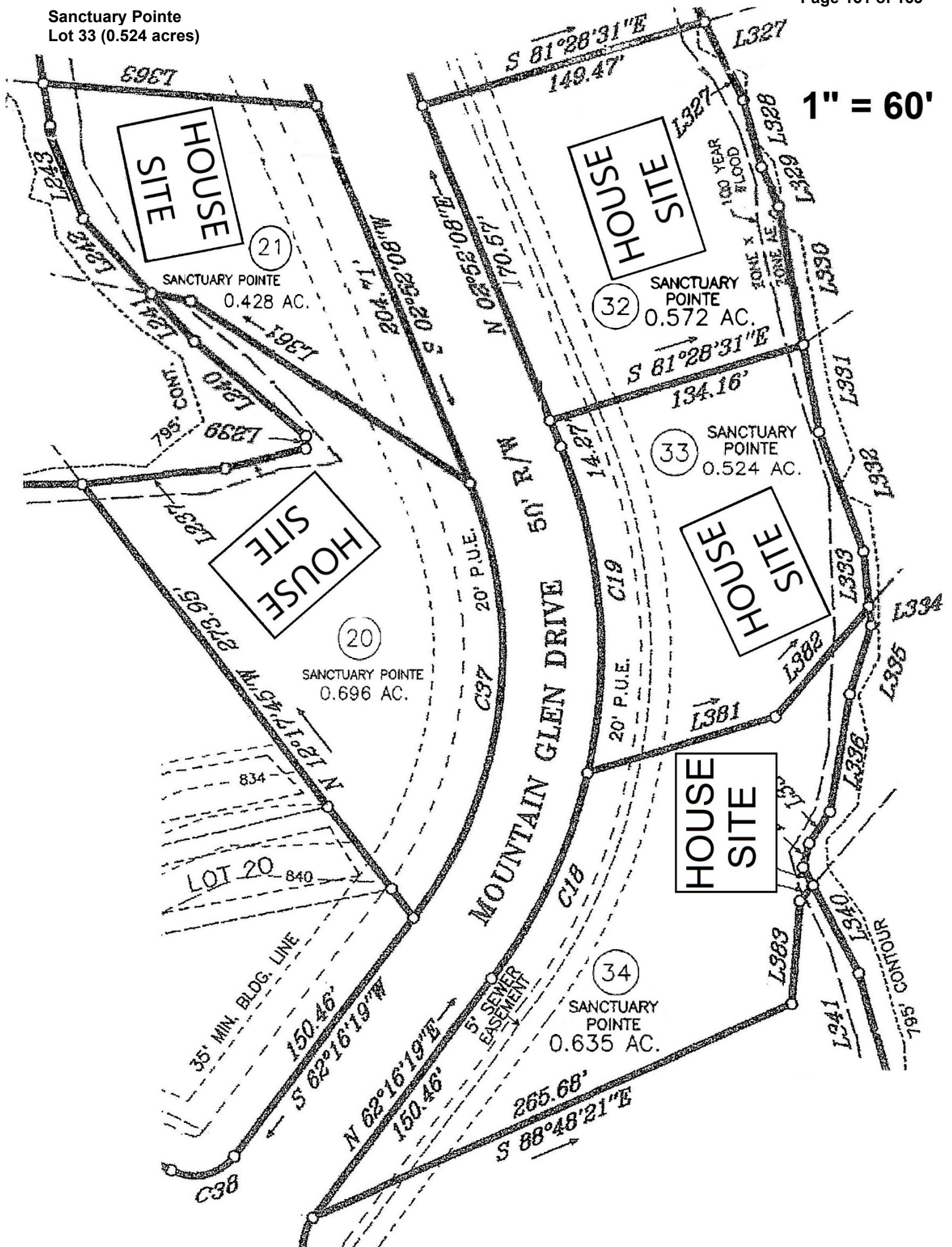
| <b>Main DF</b>                                      |                     | <b>Reserve DF</b>                                   |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 18                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No                  | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 60                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Point  
Lot 33 (0.524 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 6/4/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr, R on Mountain Glen Dr to 1<sup>st</sup> property on right  
 Subdivision: Sanctuary Pointe Lot: 34  
 Acreage: 0.635

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 18 %
3. Depth to rock/impervious strata: Max. >72" Min. None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 54" depth at site designated. Site provides a total of 900 square feet of absorption area for the primary drainfield (located in an easement area across from Sanctuary Village – Lot 3). This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

# PROFILE DESCRIPTION SOIL EVALUATION REPORT

Date of Evaluation: 11/26/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:**

**Subdivision:** Sanctuary Pointe

**Lot:** 34 (0.635 acres)

| Hole #  | Horizon | Depth (in) | Description   | Texture Group |
|---------|---------|------------|---|---------------|
| Auger 1 | Ap      | 0-3        | Dark Yellowish Brown (10YR 3/4) Clay Loam                   | 3             |
|         | Bt      | 3-18       | Dark Red (2.5YR 3/6) Clay                                   | 4             |
|         | BC      | 18-27      | Yellowish Red (5YR 5/8) Channery Loam; 15% coarse fragments | 2             |
|         | C1      | 27-45      | Reddish Yellow (7.5YR 6/8) Loam w/ many mica flakes         | 2             |
|         | C2      | 45-55      | Reddish Brown (5YR 5/4) Loam w/ many mica flakes            | 2             |
|         | C3      | 55-72      | Reddish Yellow (7.5YR 6/8) Loam w/ many mica flakes         | 2             |
| Auger 2 | Ap      | 0-4        | Dark Yellowish Brown (10YR 3/4) Loam                        | 2             |
|         | BA      | 4-10       | Yellowish Red (5YR 4/6) Loam                                | 2             |
|         | Bt      | 10-24      | Dark Red (2.5YR 3/6) Silty Clay Loam                        | 3             |
|         | BC      | 24-40      | Yellowish Red (5YR 5/8) Loam w/ many mica flakes            | 2             |
|         | C       | 40-72      | Strong Brown (7.5YR 5/8) Loam w/ many mica flakes           | 2             |
| Auger 3 | Ap      | 0-4        | Brown (7.5YR 4/3) Loam                                      | 2             |
|         | Bt      | 4-30       | Red (2.5YR 5/8) Clay  | 4             |
|         | C1      | 30-50      | Yellowish Red (5YR 5/8) Loam                                | 2             |
|         | C2      | 50-72      | Reddish Yellow (7.5YR 6/8) Loam                             | 2             |

Applicants:

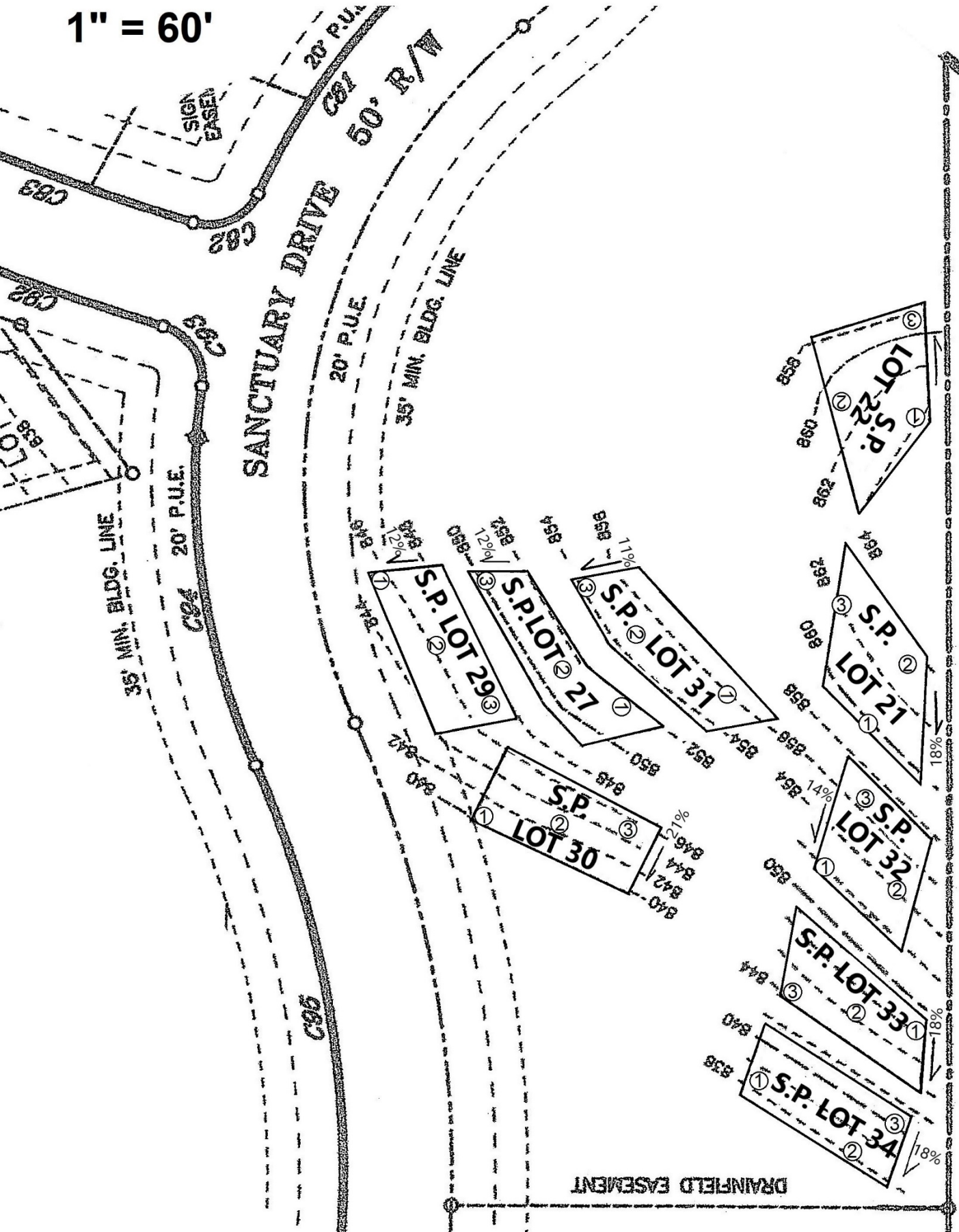
Subdivision: Sanctuary Pointe

Lot: 34 (0.635 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

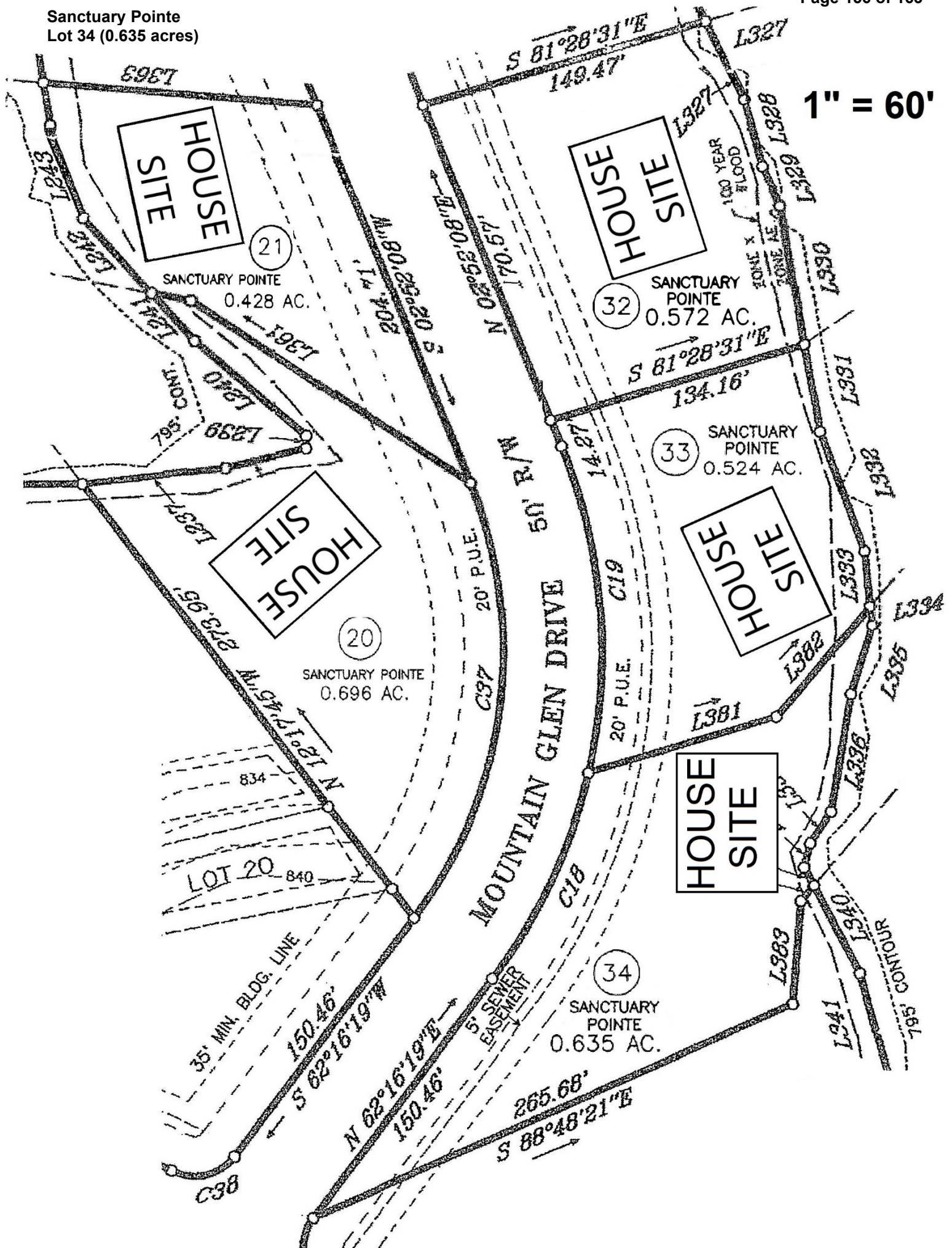
| Main DF   |                     | Reserve DF  |                        |
|---|---------------------|---|------------------------|
| Type of system                                      | Pump to DF Easement | Reserve Area Required                               | No                     |
| EPR   | 35                  | Type of Reserve                                     | N/A                    |
| Slope %   | 18                  | EPR   | N/A                    |
| # Bedrooms  | 3                   | Slope %   | N/A                    |
| Gallons/Day   | 450                 | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3                   | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286                 | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300                 | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858                 | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900                 | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4                   | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75                  | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | Yes                 | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10                  | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33                  | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 54                  | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A                 | Type of Well Recommended                            | Community Water Supply |
|   |                     | Amount of Casing & Grout (ft.)                      | N/A                    |

1" = 60'



Sanctuary Point  
Lot 34 (0.635 acres)

1" = 60'





**SOIL AND ENVIRONMENTAL TECHNOLOGY, INC**  
**111 N. Franklin Street, Christiansburg, VA 24073**  
**Phone: (540) 381-0309 Fax: (540) 381-9430**  
**E-mail: setec@soilandenvironmentaltechnology.com**

### General Information

Date: 2/22/2021  
 Applicant: Plyler Properties, Inc  
 Address: 13697 Booker T. Washington Hwy, Suite 109A, Moneta, VA 24121  
 Directions to the Property: US-29 N (7.1 mi), L on Old Mine Rd (3.7 mi), slight L then right to continue on Old Mine Rd (1.5 mi), L on 40W (8.6 mi), R on Smith Mtn Rd (4.3 mi), R on Sanctuary Bay Dr, L on Sweetwater Bay Dr, R on Sanctuary Pointe Dr to first lot on left on corner of Sweetwater Bay Dr & Sanctuary Pointe Dr  
 Subdivision: Sanctuary Pointe Lot: 35  
 Acreage: 1.854

Pittsylvania County Health Department

Telephone #: (540) 537-3865 Erik Plyler

### Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No ☐ Describe: Sideslope
2. Slope 11 %
3. Depth to rock/imperious strata: Max. >108" Min. 100" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes ☐
5. Free water present No ☒ Yes ☐ range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2  
 No ☐ Estimated rate 35 Min/inch
7. Percolation test performed Yes ☐ Number of percolation test holes  
 No ☒ Depth of percolation test holes  
 Average percolation rate

Name and title of evaluator: David Hall

PSS/AOSE

Signature:

Site Approved: Absorption trenches dispersing septic tank effluent via pump to be placed at 72" depth at site designated. Site provides a total of 900 square feet of absorption area for the drainfield. This site does not require a reserve.

Site Disapproved:

Reason for rejection: (check all that apply)

- 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)

**PROFILE DESCRIPTION  
SOIL EVALUATION REPORT**

Date of Evaluation: 10/28/2019

Pittsylvania County Health Department

x See application sketch

See construction permit

**Applicants:****Subdivision:** Sanctuary Pointe**Lot:** 35 (1.854 acres)

| Hole #  | Horizon | Depth (in) | Description  | Texture Group |
|---------|---------|------------|--|---------------|
| Auger 1 | A       | 0-1        | Brown (7.5YR 4/3) Sandy Loam                                     | 2             |
|         | BA      | 1-8        | Brown (7.5YR 5/4) Sandy Loam                                     | 2             |
|         | Bt      | 8-30       | Red (2.5YR 5/6) Clay Loam  | 3             |
|         | BC      | 30-42      | Yellowish Red (5YR 5/6) Clay Loam w/ many mica flakes            | 3             |
|         | C1      | 42-60      | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes              | 2             |
|         | C2      | 60-108     | Strong Brown (7.5YR 5/6) Loam w/ many mica flakes                | 2             |
| Auger 2 | A       | 0-1        | Brown (7.5YR 4/4) Sandy Loam                                     | 2             |
|         | BA      | 1-4        | Brown (7.5YR 5/4) Sandy Loam                                     | 2             |
|         | Bt      | 4-28       | Red (2.5YR 5/6) Clay Loam  | 3             |
|         | BC      | 28-54      | Yellowish Red (5YR 5/6) Sandy Clay Loam                          | 2             |
|         | C       | 54-108     | Yellowish Brown (10YR 5/6) Loam w/ many mica flakes              | 2             |
| Auger 3 | A       | 0-1        | Brown (7.5YR 4/4) Sandy Loam                                     | 2             |
|         | BA      | 1-8        | Brown (7.5YR 5/4) Sandy Loam                                     | 2             |
|         | Bt      | 8-38       | Red (2.5YR 5/6) gravelly Clay Loam; 25% Quartz Fragments         | 3             |
|         | BC      | 38-60      | Yellowish Red (5YR 5/6) gravelly Clay Loam; 15% Quartz Fragments | 3             |
|         | C1      | 60-80      | Yellowish Brown (10YR 5/6) Sandy Loam                            | 2             |
|         | C2      | 80-100     | Yellowish Brown (10YR 5/8) Loam w/ many mica flakes              | 2             |
|         | AR      | 100        | Loose Quartz   | -             |

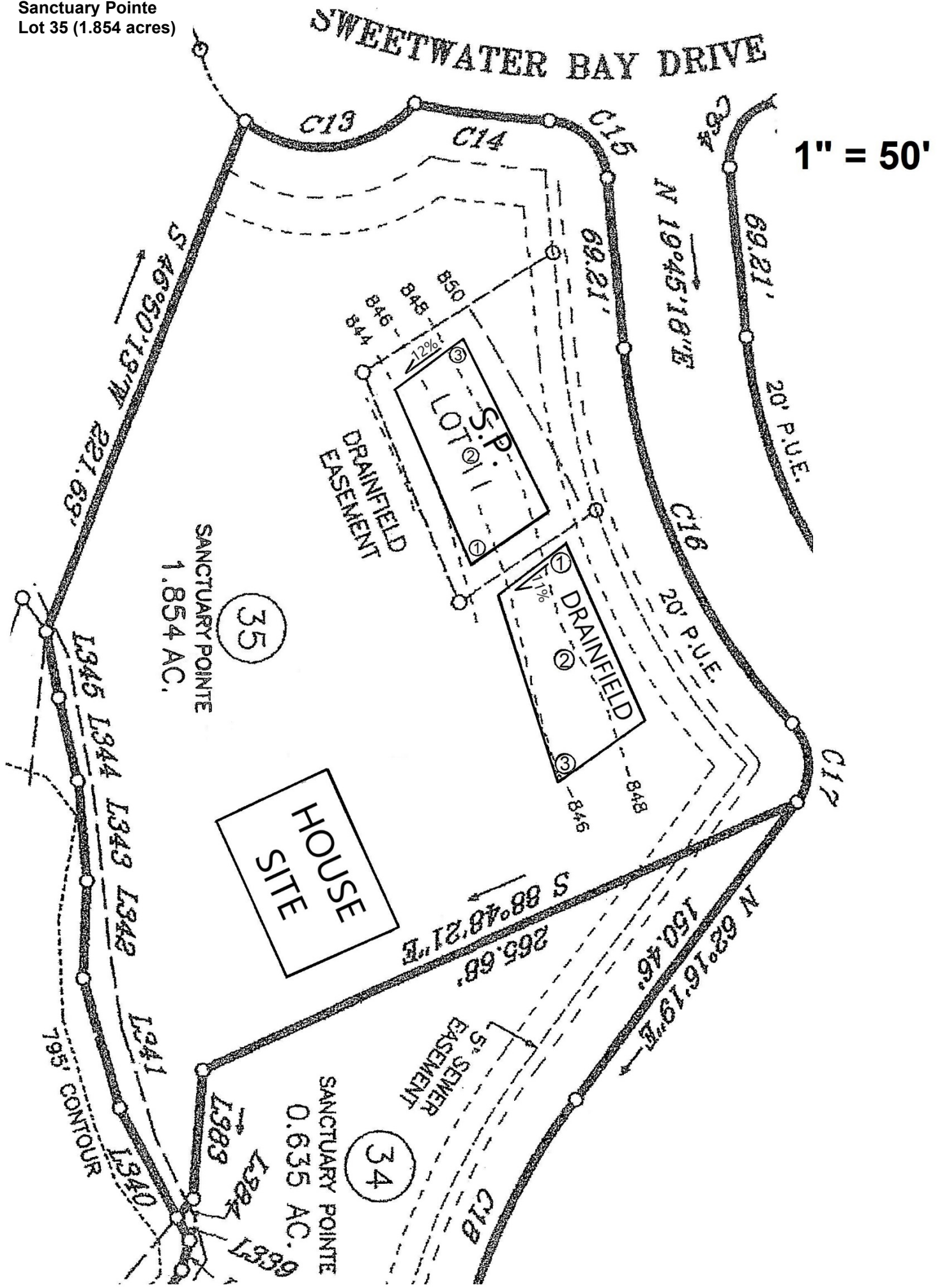
Applicants:

Subdivision: Sanctuary Pointe

Lot: 35 (1.854 acres)

**DRAINFIELD RECOMMENDATIONS, DESIGN BASIS, & AREA CALCULATIONS  
AND WELL RECOMMENDATION & SPECIFICATIONS**

| Main DF   |      | Reserve DF  |                        |
|---|------|---|------------------------|
| Type of system                                      | Pump | Reserve Area Required                               | No                     |
| EPR   | 35   | Type of Reserve                                     | N/A                    |
| Slope %   | 11   | EPR   | N/A                    |
| # Bedrooms  | 3    | Slope %   | N/A                    |
| Gallons/Day   | 450  | Gallons/Day   | N/A                    |
| Width of Trench (ft.)                               | 3    | Width of Trench (ft.)                               | N/A                    |
| Total Square Ft. of Trench Bottom Required per BR   | 286  | Total Square Ft. of Trench Bottom Required          | N/A                    |
| Total Square Ft. of Trench Bottom per BR in Design  | 300  | Total Square Ft. of Trench Bottom in Design         | N/A                    |
| Total Square Ft. of Trench Bottom Required          | 858  | # Lines of Reserve                                  | N/A                    |
| Total Square Ft. of Trench Bottom in Design         | 900  | Line Length (ft.)                                   | N/A                    |
| # Lines Installed                                   | 4    | Installed <24" from Rock or Other Impervious Strata | N/A                    |
| Length of Line Installed (ft.)                      | 75   | Centers (ft.)                                       | N/A                    |
| Installed <24" from Rock or Other Impervious Strata | No   | Width Required (ft.)                                | N/A                    |
| Centers (ft.)                                       | 10   | Width in Design (ft.)                               | N/A                    |
| Width Required (ft.)                                | 33   | Installation Depth (inches into natural soil)       | N/A                    |
| Installation Depth (inches into natural soil)       | 72   | Amount of Backfill Required (inches)                | N/A                    |
| Amount of Backfill Required (inches)                | N/A  | Type of Well Recommended                            | Community Water Supply |
|   |      | Amount of Casing & Grout (ft.)                      | N/A                    |



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