

PURPOSE OF THIS PLAN IS TO OBTAIN APPROVAL FOR A PRIVATE SEWAGE AREA OF 10,000 SQUARE FEET TO SERVE THE ALLNUTT PROPERTY, TAX MAP 12, GRID 24, PARCEL 36.

TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY SHANABERGER & LANE IN MARCH, 2017 WITHIN THE SHOWN OTHER TOPOGRAPHY IS FROM 2013 HOWARD COUNTY LIDAR.

SITE IMPROVEMENTS WITHIN THE LIMITS OF FIELD RUN TOPOGRAPHY WERE LOCATED BY SHANABERGER & LANE IN MARCH, 2017. OTHER IMPROVEMENTS SHOWN ARE FROM AVAILABLE HOWARD COUNTY DEPARTMENT RECORDS, AND FIELD LOCATION.

- PROPOSED WELL AREA
- EXISTING WELL
- SOIL TYPE BOUNDARY
- WOODS/LINE/TREES
- ③ SUCCESSFUL PERC TEST
- ⑤ FAILED PERC TEST
- SOIL TYPES PER M.R.C.S. WEB SOIL SURVEY:
- OcC - Occoquan loam, 8 to 15 percent slopes
  - GgB - Glenelg loam, 3 to 8 percent slopes
  - Co - Glenelg silt loam, 3 to 5 percent slopes
  - BrD - Brinklow clayey loam, 15 to 25 percent slopes
  - Co - Codorus & Fairboro silt loams, 0 to 3 percent slopes
- BOUNDARY LINES SHOWN HEREON ARE FROM HOWARD COUNTY TAX MAP INFORMATION AND FROM DEEDS AND RECORDS. THEY DO NOT REPRESENT A BOUNDARY SURVEY. BEARINGS AND DISTANCES SHOWN ARE FROM DEEDS OR PLATS OF RECORD AND DO NOT REPRESENT A BOUNDARY SURVEY BY SHANABERGER & LANE.

DESIGNATED LIMITS OF FIELD RUN TOPOGRAPHY

BY CHANGE TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS 200' DOWN-SLOPE OF THE PROPOSED SEA HAVE BEEN SHOWN FOR FIELD LOCATION WHEN POSSIBLE OR AVAILABLE RECORDS WHEN NOT POSSIBLE.

THIS AREA DESIGNATES A PRIVATE SEWAGE AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECONSTRUCTION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.

THE LOT SHOWN HEREON COMPLETES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.

SUBJECT PROPERTY HAS A LIMITATION OF FOUR (4) BEDROOMS UNLESS AN EXHIBIT SUBMITTED BY A CERTIFIED PROFESSIONAL DEMONSTRATES THAT THE PRIVATE SEWAGE DISPOSAL AREA, INCLUDING THE AREA WHERE A SYSTEM OF IMPROVATIVE DESIGN MAY BE INSTALLED, WILL ACCOMMODATE THE WASTEWATER DISCHARGE FOR A RESIDENCE WITH MORE THAN 4 BEDROOMS.

WELL MUST BE DRILLED WITH COMPLETION REPORT SUBMITTED TO THE HEALTH DEPARTMENT AND PRIOR TO HEALTH APPROVAL OF A BUILDING PERMIT.

EXISTING WELL INSIDE THE PROPOSED SEWAGE DISPOSAL AREA MUST BE PROPERLY ABANDONED AND BY A LICENSED WELL DRILLER. THE DRILLER MUST COORDINATE WITH THE HEALTH DEPARTMENT PRIOR TO ABANDONMENT. AN ABANDONMENT REPORT MUST BE SUBMITTED TO THE HEALTH DEPARTMENT FOR REVIEW. THE SEWAGE DISPOSAL AREA WILL NOT BE APPROVED FOR USE AND THE HEALTH DEPARTMENT WILL NOT ISSUE A BUILDING PERMIT UNTIL THIS OCCURS.

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- INITIAL SYSTEM:**
- APPLICATION RATE: 0.8
  - EFFECTIVE AREA BEGINNING DEPTH: 4'
  - BOTTOM MAXIMUM DEPTH: 7'
- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
  - 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 750 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3'
  - TRENCH EFFECTIVE DEPTH (D) = 3'
  - $(W+2) / (W+1+2D) \times 100 = 50\%$
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (750) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3) = 125'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 126'**
- THREE TRENCHES - 42 LINEAR
- 6. EXISTING GRADE:**
- TRENCH 1-1: 577.2
  - TRENCH 1-2: 576.4
  - TRENCH 1-1: 573.2
  - TRENCH 1-2: 572.4
  - TRENCH 1-3: 571.5
- 7. INVERT:**
- TRENCH 1-1: 571.5
  - TRENCH 1-2: 570.8
- REPLACEMENT SYSTEM #1:**
- APPLICATION RATE: 0.8
  - EFFECTIVE AREA BEGINNING DEPTH: 4'
  - BOTTOM MAXIMUM DEPTH: 7' (TRENCHES R1-1 & R1-2)
- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
  - 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 750 SF
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- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (750) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3) = 125'
  - ACTUAL TRENCH LENGTH REQUIRED =  $(125' + 125' + 156.5) / 3 = 135.5'$
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 136.5'**
- THREE TRENCHES - 45.5 LINEAR
- 6. EXISTING GRADE:**
- TRENCH R1-1: 575.5
  - TRENCH R1-2: 574.8
  - TRENCH R1-3: 571.5
- 7. INVERT:**
- TRENCH R1-1: 571.5
  - TRENCH R1-2: 570.8
- REPLACEMENT SYSTEM #2:**
- APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 3.5'
  - BOTTOM MAXIMUM DEPTH: 6'
- 1. DESIGN FLOW:**
- 4 BEDROOMS AT 150 GPD
  - 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3'
  - TRENCH EFFECTIVE DEPTH (D) = 2.5'
  - $(W+2) / (W+1+2D) \times 100 = 55.56\%$
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (55.56%) / TRENCH WIDTH (3) = 92.6'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 94'**
- TWO TRENCHES - 47 LINEAR
- 6. EXISTING GRADE:**
- TRENCH R2-1: 574.4
  - TRENCH R2-2: 573.3
  - TRENCH R2-1: 570.8
  - TRENCH R2-2: 569.8
- 7. INVERT:**
- TRENCH R2-1: 570.8
  - TRENCH R2-2: 569.8

SHANABERGER & LANE

1000 COUNTRY BLVD.

LAYTONVILLE, MD 21043

TEL: 410-954-1963

FAX: 410-954-1963

www.shanab.com

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION USING AVAILABLE PUBLIC AND PRIVATE INFORMATION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*Scott Shanabarger*

SCOTT SHANABARGER

PROFESSIONAL LAND SURVEYOR #10849

ISSUE DATE: 2/20/2018

EXPIRES: 2/20/2021

APPROVED:

FOR PRIVATE WATER AND SEWERAGE SYSTEMS

*William L. Howard Roseman* 2/20/2018

COUNTY HEALTH OFFICER

DATE

OWNERS

THOMAS & CAROL ALLNUTT, TRUSTEES

5121 GRIFFITH ROAD

LAYTONVILLE, MD 20882

PERC CERTIFICATION PLAT

ALLNUTT PROPERTY

TITLE DEED: 3793/705

TAX MAP 12, GRID 24, PARCEL 36

4TH ELECTION DISTRICT, HOWARD COUNTY, MD.

ZONED RC-DEO

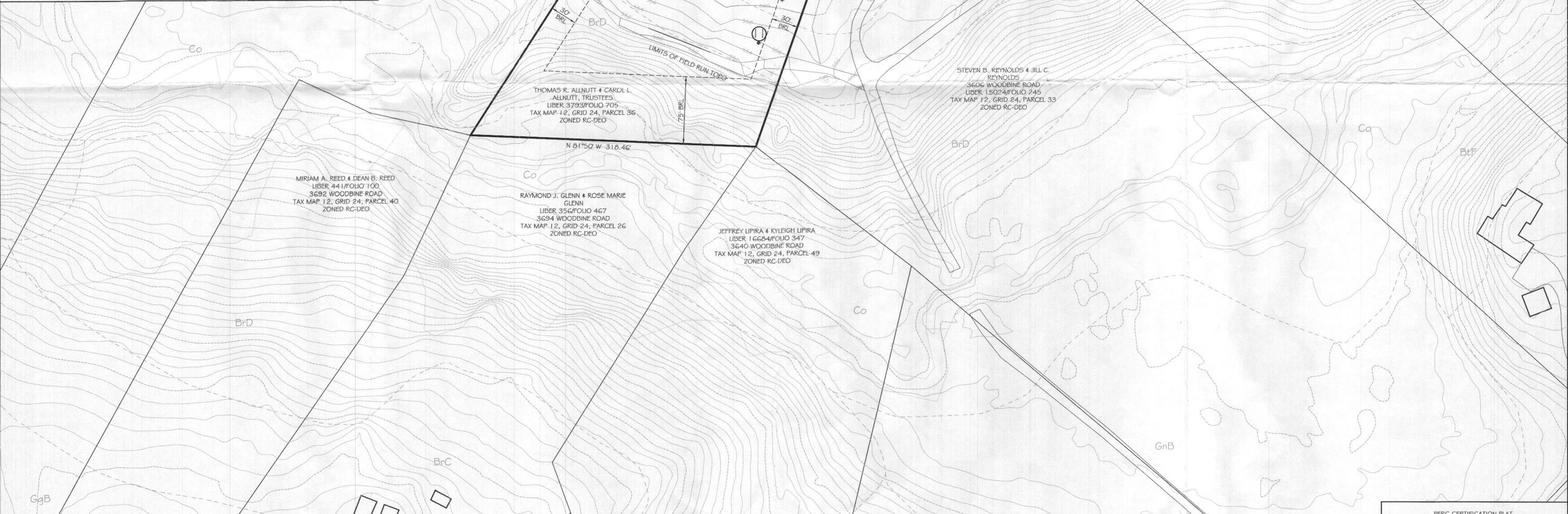
SCALE: 1" = 50'

DATE: 01/30/2017

REVISED: 7/14/2017, 2/20/2018

**NOTES:**

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  - ONSITE IMPROVEMENTS WITHIN THE LIMITS OF FIELD RUN TOPOGRAPHY WERE LOCATED BY SHANABERGER & LANE IN MARCH, 2017. OTHER IMPROVEMENTS SHOWN ARE FROM 2013 HOWARD COUNTY LIDAR.
  - EXISTING WELL AND SEPTIC SYSTEM LOCATIONS SHOWN HEREON ARE FROM AVAILABLE HOWARD COUNTY HEALTH DEPARTMENT RECORDS, AND FIELD LOCATION.
6. PROPOSED WELL AREA  
 EXISTING WELL  
 SOIL TYPE BOUNDARY  
 WOODSLINES/TREES  
 SUCCESSFUL PERC TEST  
 FAILED PERC TEST
- SOIL TYPES PER N.R.C.S. WEB SOIL SURVEY:  
 OcC - Occoquan loam, 0 to 15 percent slopes  
 GqB - Glenelg loam, 3 to 8 percent slopes  
 GmB - Glenville silt loam, 3 to 8 percent slopes  
 BrD - Brinklow channery loam, 15 to 25 percent slopes  
 Co - Coakley & Habersoo silt loams, 0 to 3 percent slopes
  - BOUNDARY LINES SHOWN HEREON ARE FROM HOWARD COUNTY TAX MAP INFORMATION AND FROM DEEDS OR PLATS OF RECORD. THEY DO NOT REPRESENT A BOUNDARY SURVEY. BEARINGS AND DISTANCES SHOWN ARE FROM DEEDS OR PLATS OF RECORD AND DO NOT REPRESENT A BOUNDARY SURVEY BY SHANABERGER & LANE.
  - DESIGNATES LIMITS OF FIELD-RUN TOPOGRAPHY
  - ANY CHANGE TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
  - ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SDA HAVE BEEN SHOWN PER FIELD LOCATION WHEN POSSIBLE AND PER AVAILABLE RECORDS WHEN NOT POSSIBLE.
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  - A WELL MUST BE DRILLED WITH COMPLETION REPORT SUBMITTED TO THE HEALTH DEPARTMENT AND APPROVED PRIOR TO HEALTH APPROVAL OF A BUILDING PERMIT.
  - THE EXISTING WELL INSIDE THE PROPOSED SEWAGE DISPOSAL AREA MUST BE PROPERLY ABANDONED AND SEALED BY A LICENSED WELL DRILLER. THE DRILLER MUST COORDINATE WITH THE HEALTH DEPARTMENT PRIOR TO ABANDONMENT SO THAT THE HEALTH DEPARTMENT MAY BE PRESENT ONSITE TO OVERSEE THE ABANDONMENT. AN ABANDONMENT REPORT MUST BE SUBMITTED TO THE HEALTH DEPARTMENT FOR REVIEW. THE SEWAGE DISPOSAL AREA WILL NOT BE APPROVED FOR USE AND THE HEALTH DEPARTMENT WILL NOT APPROVE A BUILDING PERMIT UNTIL THIS OCCURS.



**INITIAL SYSTEM:**  
 - APPLICATION RATE: 0.8  
 - EFFECTIVE AREA BEGINNING DEPTH: 4'  
 - BOTTOM MAXIMUM DEPTH: 7'

1. DESIGN FLOW:  
 - 4 BEDROOMS AT 150 GPD  
 - 4X150 GPD = 600 GPD

2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:  
 - DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 750 SF

3. SIDEWALL REDUCTION CREDIT:  
 - TRENCH WIDTH (W) = 3'  
 - TRENCH EFFECTIVE DEPTH (D) = 3'  
 $(W+2) / (W+1+2D) \times 100 = 50\%$

4. LINEAR LENGTH OF TRENCH REQUIRED:  
 - DRAIN FIELD SQUARE FOOTAGE (750) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3) = 125'

5. LINEAR LENGTH OF TRENCH PROVIDED = 126'

6. EXISTING GRADE:  
 - THREE TRENCHES 42 LF/EACH  
 TRENCH I-1: 577.2  
 TRENCH I-2: 576.4  
 TRENCH I-3: 575.5

7. INVERT:  
 TRENCH I-1: 573.2  
 TRENCH I-2: 572.4  
 TRENCH I-3: 571.5

**SEPTIC SYSTEM TRENCH DESIGN SPECIFICATIONS**

**REPLACEMENT SYSTEM #1:**  
 - APPLICATION RATE: 0.8  
 - EFFECTIVE AREA BEGINNING DEPTH: 4'  
 - BOTTOM MAXIMUM DEPTH: 7' (TRENCHES R1-1 & R1-2)

1. DESIGN FLOW:  
 - 4 BEDROOMS AT 150 GPD  
 - 4X150 GPD = 600 GPD

2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:  
 - DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 750 SF

3. SIDEWALL REDUCTION CREDIT:  
 - TRENCH WIDTH (W) = 3'  
 - TRENCH EFFECTIVE DEPTH (D) = 2'  
 $(W+2) / (W+1+2D) \times 100 = 62.5\%$

4. LINEAR LENGTH OF TRENCH REQUIRED:  
 - DRAIN FIELD SQUARE FOOTAGE (750) X SIDEWALL REDUCTION CREDIT (62.5%) / TRENCH WIDTH (3) = 156.5'  
 ACTUAL TRENCH LENGTH REQUIRED =  $(125' + 125' + 156.5')/3 = 35.5'$

5. LINEAR LENGTH OF TRENCH PROVIDED = 136.5'

6. EXISTING GRADE:  
 - THREE TRENCHES 45.5 LF/EACH  
 TRENCH R1-1: 575.5  
 TRENCH R1-2: 574.8  
 TRENCH R1-3: 571.5

7. INVERT:  
 TRENCH R1-1: 570.8  
 TRENCH R1-2: 570.8

**REPLACEMENT SYSTEM #2:**  
 - APPLICATION RATE: 1.2  
 - EFFECTIVE AREA BEGINNING DEPTH: 3.5'  
 - BOTTOM MAXIMUM DEPTH: 6'

1. DESIGN FLOW:  
 - 4 BEDROOMS AT 150 GPD  
 - 4X150 GPD = 600 GPD

2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:  
 - DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF

3. SIDEWALL REDUCTION CREDIT:  
 - TRENCH WIDTH (W) = 3'  
 - TRENCH EFFECTIVE DEPTH (D) = 2.5'  
 $(W+2) / (W+1+2D) \times 100 = 55.56\%$

4. LINEAR LENGTH OF TRENCH REQUIRED:  
 - DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (55.56%) / TRENCH WIDTH (3) = 92.6'

5. LINEAR LENGTH OF TRENCH PROVIDED = 94'

6. EXISTING GRADE:  
 - TWO TRENCHES 47 LF/EACH  
 TRENCH R2-1: 574.4  
 TRENCH R2-2: 573.3  
 TRENCH R2-3: 570.9

7. INVERT:  
 TRENCH R2-1: 569.8

**SHANABERGER & LANE**  
 8726 TOWN & COUNTRY BLVD.  
 SUITE 201  
 ELICOTT CITY, MD 21043  
 (410) 461-9563  
 (410) 461-9693 fax  
 home@shanlane.com

HEREBY CERTIFY THAT THE INFORMATION SHOWN ON THIS PLAT REFLECTS WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION USING AVAILABLE PUBLIC AND PRIVATE INFORMATION AND IS CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*G. Scott Shanabarger*  
 G. SCOTT SHANABARGER  
 PROFESSIONAL LAND SURVEYOR #10649  
 LICENSE EXPIRATION DATE 4/21/2018

**APPROVED:**  
 FOR PRIVATE WATER AND SEWERAGE SYSTEMS

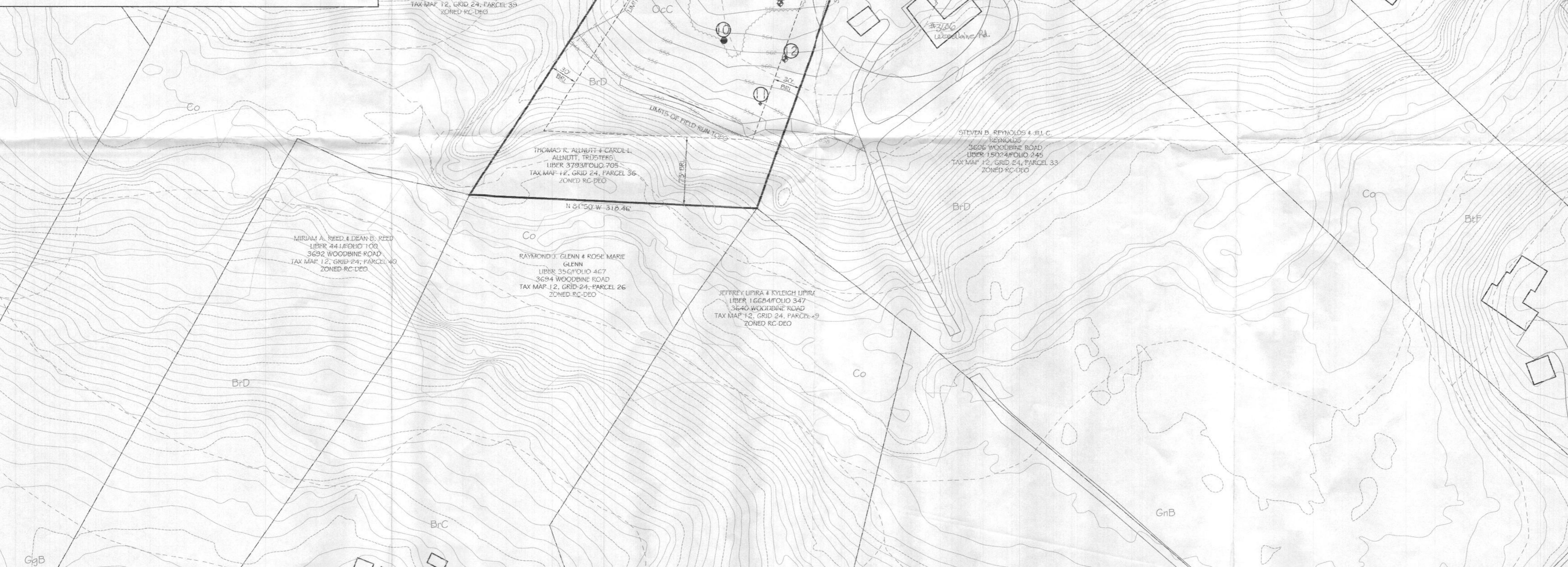
*Walter for Mayor Roman* 2/20/2018  
 COUNTY HEALTH OFFICER DATE

**OWNERS**  
 THOMAS & CAROL ALLNUTT, TRUSTEES  
 5121 GRIFFITH ROAD  
 LAYTONSVILLE, MD. 20882

PERC CERTIFICATION PLAT  
**ALLNUTT PROPERTY**  
 TITLE DEED: 3793705  
 TAX MAP 12, GRID 24, PARCEL 36  
 4TH ELECTION DISTRICT, HOWARD COUNTY, MD.  
 ZONED RC-DEO  
 SCALE: 1" = 50' DATE: 6/13/2017  
 REVISED 7/14/2017, 2/8/2018

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**INITIAL SYSTEM:**

- APPLICATION RATE: 0.8
- EFFECTIVE AREA BEGINNING DEPTH: 4'
- BOTTOM MAXIMUM DEPTH: 7'

**REPLACEMENT SYSTEM #1:**

- APPLICATION RATE: 0.8
- EFFECTIVE AREA BEGINNING DEPTH: 4'
- BOTTOM MAXIMUM DEPTH: 7'

**REPLACEMENT SYSTEM #2:**

- APPLICATION RATE: 1.2
- EFFECTIVE AREA BEGINNING DEPTH: 3.5'
- BOTTOM MAXIMUM DEPTH: 6'

**1. DESIGN FLOW:**

- 4 BEDROOMS AT 150 GPD
- 4X150 GPD = 600 GPD

**2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**

- DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 750 SF

**3. SIDEWALL REDUCTION CREDIT:**

- TRENCH WIDTH (W) = 3'
- TRENCH EFFECTIVE DEPTH (D) = 3'
- $(W+2) / (W+1+2D) \times 100 = 50\%$

**4. LINEAR LENGTH OF TRENCH REQUIRED:**

- DRAIN FIELD SQUARE FOOTAGE (750) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3') = 125'

**5. LINEAR LENGTH OF TRENCH PROVIDED = 126'**

- THREE TRENCHES: 42' EACH

**6. EXISTING GRADE:**

- TRENCH R-1: 577.2
- TRENCH R-2: 576.4
- TRENCH R-3: 575.5
- TRENCH R-1: 573.2
- TRENCH R-2: 572.4
- TRENCH R-3: 571.5

**7. INVERT:**

- TRENCH R-1: 575.5
- TRENCH R-2: 574.9
- TRENCH R-3: 572.8
- TRENCH R-1: 571.5
- TRENCH R-2: 570.9
- TRENCH R-3: 568.8

**SHANABERGER & LANE**  
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*Scott Shanaberger*  
 SCOTT SHANABERGER  
 PROFESSIONAL LAND SURVEYOR #10849  
 LICENSE EXPIRATION DATE 4/2/2018

**APPROVED:**  
 FOR PRIVATE WATER AND SEWERAGE SYSTEMS

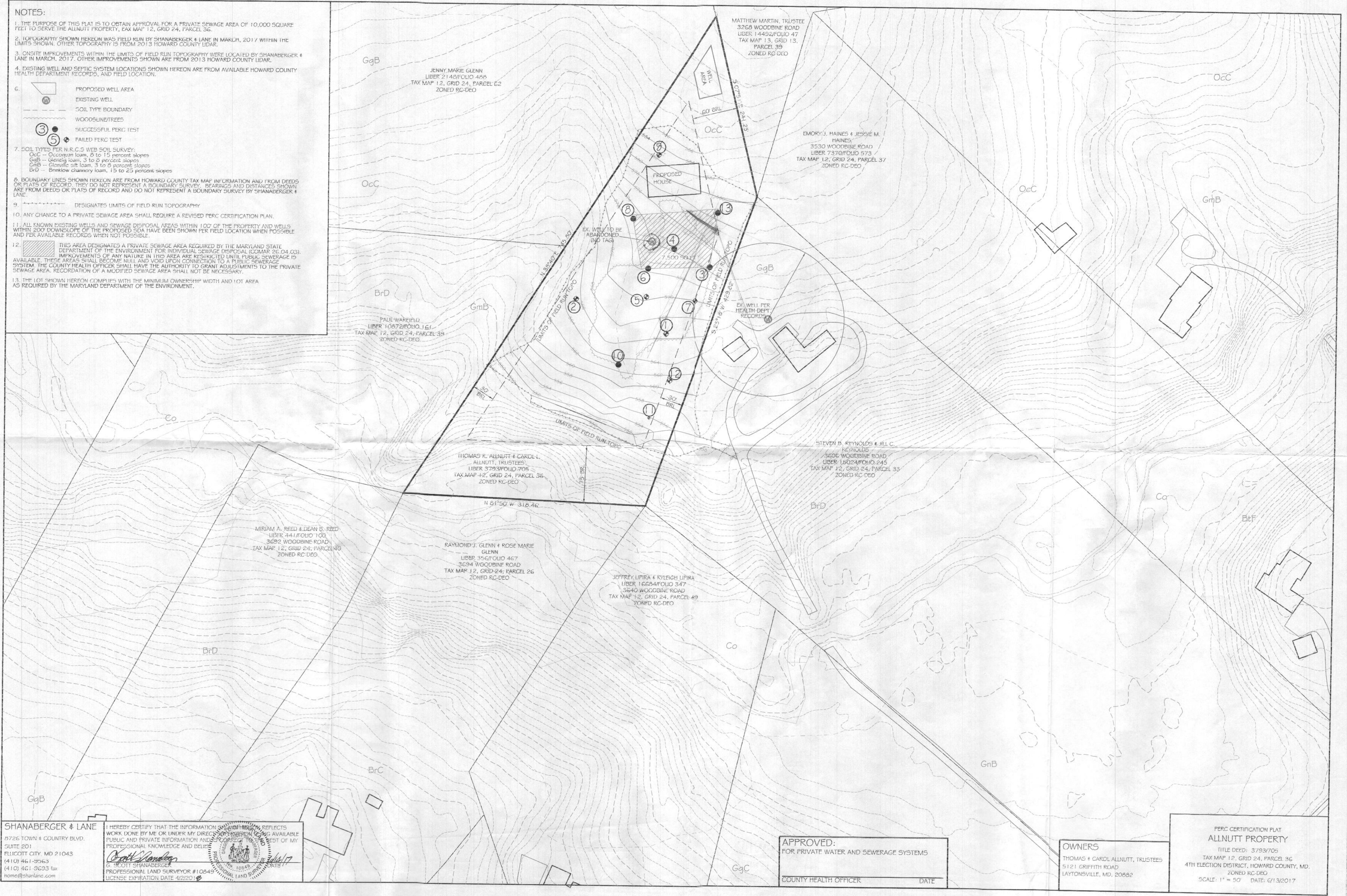
COUNTY HEALTH OFFICER:            H.O.      DATE:           

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 5121 GRIFFITH ROAD  
 LAYTONSVILLE, MD, 20882

PERC CERTIFICATION PLAN  
 ALLNUTT PROPERTY  
 TITLE DEED: 3793705  
 TAX MAP 12, GRID 24, PARCEL 36  
 4TH ELECTION DISTRICT, HOWARD COUNTY, MD.  
 ZONED RC-DEO  
 SCALE: 1" = 50'    DATE: 6/13/2017  
 REVISED 7/1/2017

**NOTES:**

1. THE PURPOSE OF THIS PLAN IS TO OBTAIN APPROVAL FOR A PRIVATE SEWAGE AREA OF 10,000 SQUARE FEET TO SERVE THE ALLNUTT PROPERTY, TAX MAP 12, GRID 24, PARCEL 36.
2. TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY SHANABERGER & LANE IN MARCH, 2017 WITHIN THE LIMITS SHOWN. OTHER TOPOGRAPHY IS FROM 2013 HOWARD COUNTY LIDAR.
3. ON-SITE IMPROVEMENTS WITHIN THE LIMITS OF FIELD RUN TOPOGRAPHY WERE LOCATED BY SHANABERGER & LANE IN MARCH, 2017. OTHER IMPROVEMENTS SHOWN ARE FROM 2013 HOWARD COUNTY LIDAR.
4. EXISTING WELL AND SEPTIC SYSTEM LOCATIONS SHOWN HEREON ARE FROM AVAILABLE HOWARD COUNTY HEALTH DEPARTMENT RECORDS, AND FIELD LOCATION.
6. PROPOSED WELL AREA  
 EXISTING WELL  
 SOIL TYPE BOUNDARY  
 WOODS/LINE/TREES  
 SUCCESSFUL PERC TEST  
 FAILED PERC TEST
7. SOIL TYPES PER N.R.C.S. WITH SOIL SURVEY:  
 OcC - Occoquan loam, 6 to 15 percent slopes  
 GgB - Glenelg loam, 3 to 8 percent slopes  
 GmB - Glenville silt loam, 3 to 8 percent slopes  
 BrD - Brimley clayey loam, 15 to 25 percent slopes
8. BOUNDARY LINES SHOWN HEREON ARE FROM HOWARD COUNTY TAX MAP INFORMATION AND FROM DEEDS OR PLATS OF RECORD. THEY DO NOT REPRESENT A BOUNDARY SURVEY. BEARINGS AND DISTANCES SHOWN ARE FROM DEEDS OR PLATS OF RECORD AND DO NOT REPRESENT A BOUNDARY SURVEY BY SHANABERGER & LANE.
9. DESIGNATES LIMITS OF FIELD-RUN TOPOGRAPHY
10. ANY CHANGE TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
11. ALL KNOWN EXISTING WELLS AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND WELLS WITHIN 200' DOWNSLOPE OF THE PROPOSED SEA HAVE BEEN SHOWN PER FIELD LOCATION WHEN POSSIBLE AND PER AVAILABLE RECORDS WHEN NOT POSSIBLE.
12. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
13. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.



**SHANABERGER & LANE**  
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 home@shlanlanc.com

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON REFLECTS WORK DONE BY ME OR UNDER MY DIRECT SUPERVISION USING AVAILABLE PUBLIC AND PRIVATE INFORMATION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

*Scott Shanabarger*  
 SCOTT SHANABARGER  
 PROFESSIONAL LAND SURVEYOR #10849  
 LICENSE EXPIRATION DATE 4/2/2018

**APPROVED:**  
 FOR PRIVATE WATER AND SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

**OWNERS**  
 THOMAS & CAROL ALLNUTT, TRUSTEES  
 5121 GRIFFITH ROAD  
 LAYTONSVILLE, MD, 20882

**PERC CERTIFICATION PLAT**  
**ALLNUTT PROPERTY**  
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