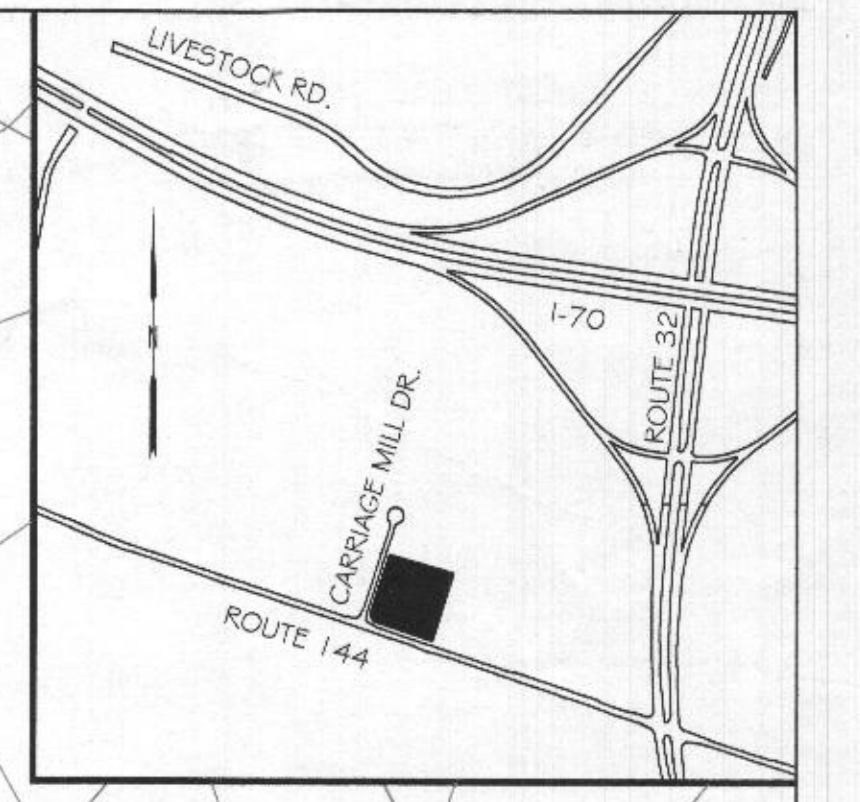
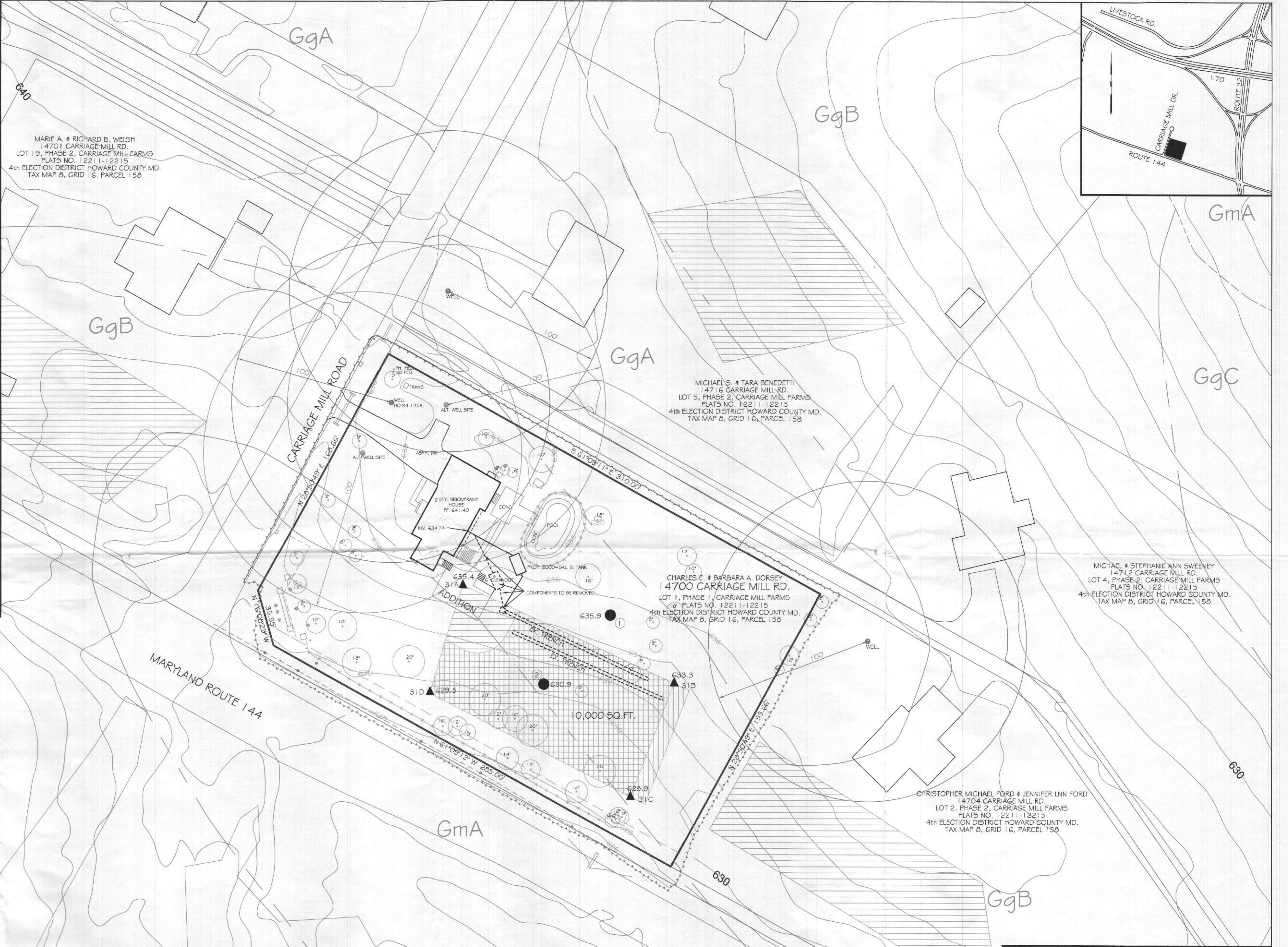


**NOTES:**

1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY LIDAR, OUTSIDE OF THE LIMITS OF FIELD-RUN TOPOGRAPHY. TOPOGRAPHY SHOWN WITHIN THE LIMITS OF FIELD-RUN TOPOGRAPHY WAS FIELD-RUN BY SHANABERGER & LANE IN AUGUST, 2022.
2. BUILDING, DRIVEWAY, WALKS, STEPS, POOL, FENCES, SEPTIC TANK CLEANOUT, WELLS ON OTS 1 AND 2, AND INDIVIDUAL TREES WERE FIELD-LOCATED BY SHANABERGER & LANE. ALL OTHER BUILDINGS, DRIVEWAYS, ROAD PAVING, AND TREELINES OUTSIDE THE LIMITS OF FIELD-RUN TOPOGRAPHY ARE FROM HOWARD COUNTY GIS DATA. WELL AND SEPTIC SYSTEM LOCATIONS ON OTHER PROPERTIES IS FROM HOWARD COUNTY HEALTH DEPARTMENT RECORDS.
3. PROPERTY IS SERVED BY PRIVATE WATER & SEWER.
4. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA 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.
5. THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
6. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
7. EX. WELLS ON 14700 (TAG # HO-94-1263) AND 14704 ARE FIELD-LOCATED AND SHOWN ACCURATELY.
8. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. SOIL TYPES:  
 GgA -- Glenelig Loam, 0% to 3% slopes  
 GgB -- Glenelig Loam, 3% to 8% slopes  
 GgC -- Glenelig Loam, 8% to 15% slopes  
 GmA -- Glenville Silt Loam, 0% to 3% slopes
10. BEARINGS, DISTANCES, AND SETBACK LINES SHOWN HEREON ARE FROM BOUNDARY SURVEY BY SHANABERGER & LANE IN AUGUST, 2022.
11. PURPOSE OF PLAN: TO REVISE THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ADDITION TO THE HOUSE. THERE WILL BE A TOTAL OF 6 BEDROOMS WHEN THE ADDITION IS COMPLETE.
12. THE SEPTIC SYSTEM TANK CAPACITY AND THE TRENCH ABSORPTION AREA MUST BOTH BE UPGRADED. THE INSTALLATION PERMIT FOR THE UPGRADE SHALL BE CONDITIONED SO THAT THE EXISTING SEPTIC TANK IS PROPERLY ABANDONED FOR FINAL APPROVAL OF THE INSTALLATION. THE CONTRACTOR IS TO SUBMIT A COPY OF THE INVOICE TO PUMP THE TANK DRY ALONG WITH A REPORT OF ABANDONMENT. FINAL APPROVAL MUST BE INDICATED ON THE INSTALLATION PERMIT PRIOR TO HEALTH DEPARTMENT APPROVAL OF A PERMIT THAT INCREASES THE NUMBER OF BEDROOMS.
13. A 2000-GALLON SEPTIC TANK MUST BE INSTALLED AND THE EXISTING SEPTIC TANK MUST BE PROPERLY ABANDONED.
14. EXISTING SEPTIC TANK, DISTRIBUTION BOX, AND ENDS OF EX. TRENCHES ARE FIELD-LOCATED AND ACCURATELY SHOWN.
15. AN ONSITE SEWAGE DISPOSAL SYSTEM PLAN MUST BE SUBMITTED TO THE HEALTH DEPARTMENT AND APPROVED PRIOR TO RELEASE OF A PERMIT TO UPGRADE THE SEPTIC SYSTEM.

**LEGEND**

- ② ● FIELD-LOCATED PASSING PERC TEST LOCATION & NUMBER
- 31A ▲ PASSING PERC TESTS DUG IN 1989
- SOIL TYPE BOUNDARY
- WOODS/LINE/TREES
- LIMITS OF FIELD-RUN TOPOGRAPHY
- EXISTING PRIVATE SEWAGE AREAS



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

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

*G. Scott Shanabarger*  
 G. SCOTT SHANABARGER  
 PROFESSIONAL LAND SURVEYOR #10849  
 LICENSE EXPIRATION DATE 4/2/2024

11/3/2022 DATE

**OWNERS**  
 CHARLES E. & BARBARA A. DORSEY  
 14700 CARRIAGE MILL ROAD  
 WOODBINE, MD 21797

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

*Michael J. O'Brien*  
 COUNTY HEALTH OFFICER u.d. 11/15/22 DATE

PERC CERTIFICATION PLAN  
 14700 CARRIAGE MILL ROAD  
 LOT 1 PHASE 1 CARRIAGE MILL FARMS  
 PLATS 12211-12215 TITLE DEED: 4382/346  
 TAX MAP 8, GRID 1G, PARCEL 15B  
 4th ELECTION DISTRICT, HOWARD COUNTY, MD.  
 SCALE: 1" = 30' DATE: 9/9/2022 REV. 11/3/2022

PURPOSE: TO REVISE THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ADDITION TO THE HOUSE. THERE WILL BE A TOTAL OF 6 BEDROOMS WHEN THE ADDITION IS COMPLETE.

**NOTES:**

1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY LIDAR OUTSIDE OF THE LIMITS OF FIELD-RUN TOPOGRAPHY. TOPOGRAPHY SHOWN WITHIN THE LIMITS OF FIELD-RUN TOPOGRAPHY WAS FIELD-RUN BY SHANABERGER & LANE IN AUGUST, 2022.
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  3. PROPERTY IS SERVED BY PRIVATE WATER & SEWER.
  4. THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA 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.
  5. THE LOT SHOWN HEREIN COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
  6. EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WELLS WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN. EX. WELLS ON 14700 AND 14704 ARE FIELD-LOCATED AND SHOWN ACCURATELY.
  7. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. LEGEND
- ① ● PROPOSED PERC TEST LOCATION # NUMBER
  - 37A ⊕ PERC TESTS DUG IN 1989
  - SOIL TYPE BOUNDARY
  - ~~~~~ WOODS/LINE/TREES
  - - - - - LIMITS OF FIELD-RUN TOPOGRAPHY
  - ▨ EXISTING PRIVATE SEWAGE AREAS
9. SOIL TYPES:
- GgA -- Glenelg Loam, 0% to 3% slopes
  - GgB -- Glenelg Loam, 3% to 8% slopes
  - GgC -- Glenelg Loam, 8% to 15% slopes
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10. BEARINGS, DISTANCES, AND SETBACK LINES SHOWN HEREON ARE FROM BOUNDARY SURVEY BY SHANABERGER & LANE IN AUGUST, 2022.
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13. A 2000-GALLON SEPTIC TANK MUST BE INSTALLED AND THE EXISTING SEPTIC TANK MUST BE REMOVED. END OF EX. TRENCHES MUST BE UNCOVERED DURING TESTING.

PRIOR TO RELEASE OF A PERMIT TO UPGRADE THE SEPTIC SYSTEM.



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*G. Scott Shanabarger*  
 G. SCOTT SHANABARGER  
 PROFESSIONAL LAND SURVEYOR #10049  
 LICENSE EXPIRATION DATE 4/21/2024

DATE: 9/20/22

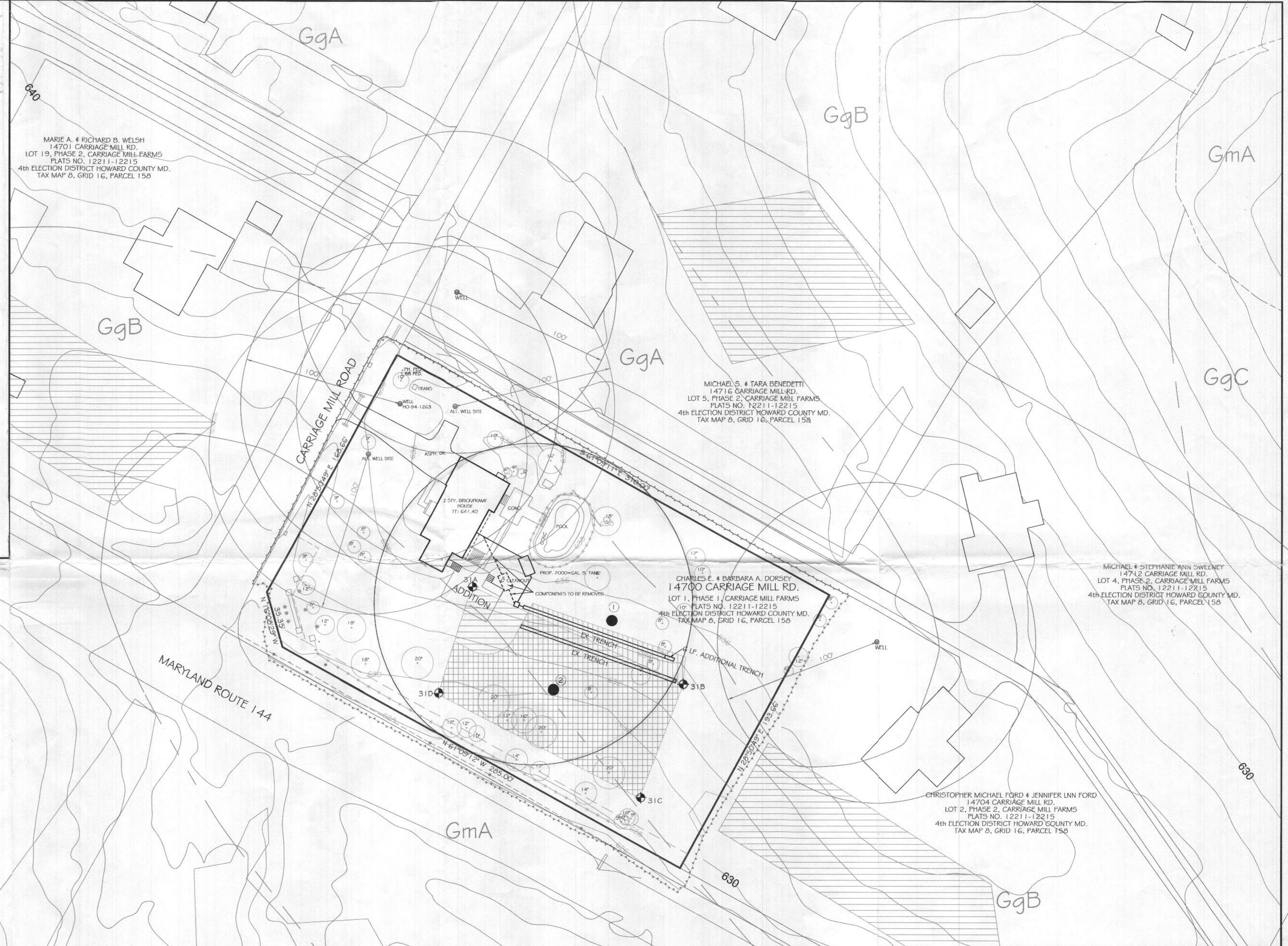
**OWNERS**  
 CHARLES E. & BARBARA A. DORSEY  
 14700 CARRIAGE MILL ROAD  
 WOODBINE, MD 21797

PERC APPLICATION PLAT  
 14700 CARRIAGE MILL ROAD  
 LOT 1 PHASE 1 CARRIAGE MILL FARMS  
 PLATS 12211-12215 TITLE DEED: 4302/346  
 TAX MAP 80, GRID 16, PARCEL 158  
 4th ELECTION DISTRICT, HOWARD COUNTY, MD.  
 SCALE: 1" = 30' DATE: 9/27/2022

PURPOSE: TO REVISE THE SEWAGE DISPOSAL AREA TO ACCOMMODATE AN ADDITION TO THE HOUSE. THERE WILL BE A TOTAL OF 6 BEDROOMS WHEN THE ADDITION IS COMPLETE.

**NOTES:**

1. TOPOGRAPHY SHOWN HEREON IS FROM HOWARD COUNTY LIDAR OUTSIDE OF THE LIMITS OF FIELD-RUN TOPOGRAPHY. TOPOGRAPHY SHOWN WITHIN THE LIMITS OF FIELD-RUN TOPOGRAPHY WAS FIELD-RUN BY SHANABERGER & LANE IN AUGUST, 2022.
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7. ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
8. LEGEND
  - ① ● PROPOSED PERC TEST LOCATION & NUMBER
  - 37A ⊕ PERC TESTS DUG IN 1989
  - SOIL TYPE BOUNDARY
  - ~~~~~ WOODS LINE/TREES
  - +++++ LIMITS OF FIELD-RUN TOPOGRAPHY
  - ▨ EXISTING PRIVATE SEWAGE AREAS
9. SOIL TYPES:
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14. AN ON-DIE SEWAGE DISPOSAL SYSTEM PLAN MUST BE SUBMITTED TO THE HEALTH DEPARTMENT AND APPROVED PRIOR TO RELEASE OF A PERMIT TO UPGRADE THE SEPTIC SYSTEM.



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*G. Scott Shanabarger*  
 G. SCOTT SHANABARGER  
 PROFESSIONAL LAND SURVEYOR #10649  
 LICENSE EXPIRATION DATE 4/2/2024

9/28/22  
 DATE

**OWNERS**  
 CHARLES E. & BARBARA A. DORSEY  
 14700 CARRIAGE MILL ROAD  
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PERC APPLICATION PLAT  
 14700 CARRIAGE MILL ROAD  
 LOT 1 PHASE 1 CARRIAGE MILL FARMS  
 PLATS 12211-12215 TITLE DEED: 4382/346  
 TAX MAP 80, GRID 1G, PARCEL 158  
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