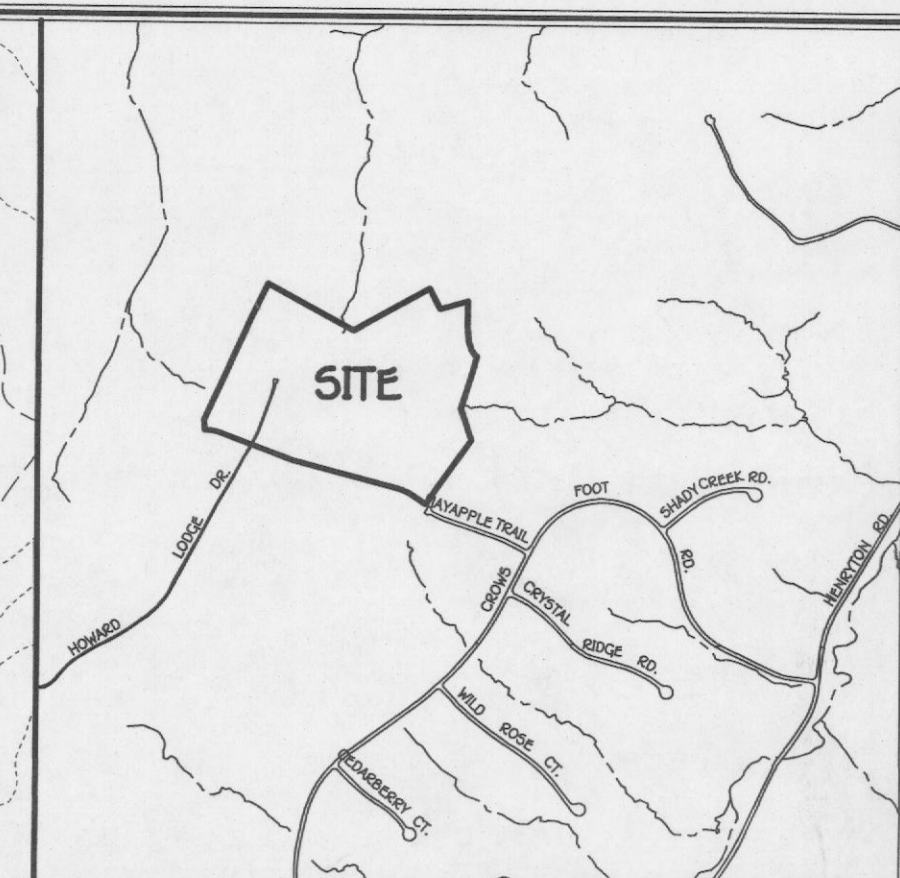


LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- DENOTES PROPOSED HOUSE
- ⊗ DENOTES PROPOSED 10'x10' GRINDER PIT
- ▨ DENOTES 25% AND GREATER SLOPE
- DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE
- DENOTES PROPOSED PROPERTY LINES
- DENOTES PROPOSED RIGHT-OF-WAY LINES
- DENOTES EXISTING DEED PARCEL LINE OF LIBER 17744, FOLIO 337 AND LIBER 17744, FOLIO 331 TO BE REMOVED WITH SUBMISSION PLAT.



VICINITY MAP
SCALE : 1" = 1200'



GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS 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 SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
7. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY Q5 TOPOGRAPHY AT 2' CONTOUR INTERVAL AND FIELD VERIFIED BY FISHER, COLLINS & CARTER, INC.
8. BOUNDARY SHOWN HEREON IS BASED ON FIELD RUN UNMOUNTED BOUNDARY SURVEY PERFORMED BY FISHER, COLLINS & CARTER, INC. DATED JANUARY, 2018.
9. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
10. DEED REFERENCES: LIBER 17744 FOLIO 331 & LIBER 17744 FOLIO 337.
11. THIS SUBDIVISION IS WITHIN THE GROWTH TIER III AREA, BUT NOT AFFECTED BY SB-236 (SUSTAINABLE GROWTH AND AGRICULTURAL PRESERVATION ACT).
12. WELL AND SEPTIC CONTRACT PLAN FOR THE SHARED SYSTEM MUST BE SIGNED AND APPROVED PRIOR TO HEALTH SIGNATURE OF THE FINAL RECORD PLAT.
13. LOT YIELD AND BEDROOM COUNTS ARE SUBJECT TO REVIEW BY MARYLAND DEPARTMENT OF THE ENVIRONMENT, BUREAU OF UTILITIES, AND THE HOWARD COUNTY HEALTH DEPARTMENT WHEN THE WATER AND SEWER CONTRACT PLANS WITH THE SHARED SEWER DISPOSAL SYSTEM ARE SUBMITTED.
14. APPROVAL OF THIS PERC CERTIFICATION PLAN DOES NOT GUARANTEE THAT THE SEWER DISPOSAL AREA ESTABLISHED WILL BE SUFFICIENT FOR A PROPOSED HOUSE. A SYSTEM DESIGN PLAN SHOWING 3 SYSTEMS FITTING IN THE AREA BASED ON THE PROPOSED NUMBER OF BEDROOMS MUST BE APPROVED BY THE HEALTH DEPARTMENT BEFORE HEALTH APPROVAL OF A BUILDING PERMIT. IF 3 SYSTEMS DO NOT FIT, THE AREA MAY NEED TO BE REVISED OR THE PROPOSED NUMBER OF BEDROOMS REDUCED.
15. DETAILS OF SHARED SYSTEM DESIGN INCLUDING LOT YIELD WILL BE SHOWN ON WELL AND SEPTIC CONTRACT PLAN TO BE APPROVED BEFORE HEALTH SIGNATURE OF THE FINAL PLAT.
16. A NITROGEN BALANCE STUDY SHALL BE SUBMITTED TO THE HEALTH DEPARTMENT PRIOR TO SUBMISSION OF THE SEWER CONTRACT AND IF THE STUDY DOES NOT INDICATE SUFFICIENT NITROGEN DILUTION, PRE-TREATMENT UTILIZING AN INDIVIDUAL ENGINEERED BAT UNIT SHALL BE INSTALLED ON THE SHARED SYSTEM WITH DETAILS SHOWN ON THE SEWER CONTRACT.
17. MDE HAS APPROVED A VARIANCE TO ALLOW SDAS ON LOTS PPA, 2 AND 10 TO BE UPGRADE OF DEEP PREP LOT 2 AND LOTS 10 & 9 OF THIS SUBDIVISION RESPECTIVELY. SUBJECT TO THE FOLLOWING CONDITIONS: 1) SDAS ON LOTS PPA, 2 & 10 MUST UTILIZE BAT TREATMENT UNITS AND LPD DRAINFIELD AND 6 FOOT MAX TRENCH BOTTOM DEPTH, STEEL CASING TO 50' OR 10' INTO BEDROCK WHICHEVER IS DEEPER ON THE WELLS. 2) WELLS ON LOTS 9 & 10 MUST HAVE STEEL CASING EXTENDING 50FT OR 10 FT INTO COMPETENT BEDROCK WHICHEVER IS DEEPER.

SOILS LEGEND

SOIL	NAME	CLASS
GbB	Gladstone loam, 3 to 8 percent slopes	B
GbC	Gladstone loam, 8 to 15 percent slopes	B
GmC	Glenville silt loam, 8 to 15 percent slopes	C
LaB	Legore silt loam, 3 to 8 percent slopes	C
LeB	Legore silt loam, 3 to 8 percent slopes, stony	C
LrD	Legore-Relay gravelly loams, 15 to 25 percent slopes, very stony	B/C
MaC	Manor loam, 8 to 15 percent slopes	B
MaD	Manor loam, 15 to 25 percent slopes	B
McC	Manor-channery loam, 8 to 15 percent slopes	B
MkF	Manor-Brinklow complex, 25 to 65 percent slopes, very rocky	B

PERC CERTIFICATION
I certify that the locations shown herein were based on field locations done in my direct supervision and are correct to the best of my professional knowledge and belief.

Signature of Professional Land Surveyor
Terrell A. Fisher, Professional Land Surveyor No. 10692 Expires 12/13/11

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, FOR BUILDABLE PRESERVATION PARCEL 'A', LOTS 1, 2, 3 AND 10 AND SHARED SEPTIC SYSTEM LOCATED ON NON-BUILDABLE PRESERVATION PARCEL 'C' FC LOTS 4 THRU 9 HOWARD COUNTY HEALTH DEPARTMENT.

Signature of County Health Officer
COUNTY HEALTH OFFICER

PURPOSE NOTE:
THE PURPOSE OF THIS PERCOLATION CERTIFICATION PLAN IS TO IDENTIFY PROPOSED PRIVATE WELL LOCATIONS ON BUILDABLE PRESERVATION PARCEL 'A' AND LOTS 1 THRU 10; TO IDENTIFY ON-LOT PRIVATE SEWERAGE AREA ON BUILDABLE PRESERVATION PARCEL 'A' AND LOTS 1, 2, 3, AND 10; TO IDENTIFY PROPOSED GRINDER PUMP LOCATIONS ON LOTS 4 THRU 10; AND TO IDENTIFY A SHARED SEPTIC AREA ON NON-BUILDABLE PRESERVATION PARCEL 'C'

USE PROJECTIONS

PROPERTIES SERVED	6
BEDROOMS PER PROPERTY	3
FLOW PER BEDROOM (GPD)	150
MDF (GPD)	4,500
ADF (GPD)	2,250
SETTING TANK VOLUME REQUIRED (GAL)	9,000

NOTES:
CALCULATED VALUES IN ITALICS
ADF = AVERAGE DAILY FLOW
MDF = MAXIMUM DAILY FLOW
UNIT RATES FROM HOWARD COUNTY WELL AND SEPTIC MEMO NOV 2014

USE PROJECTIONS

PERCOLATION CERTIFICATION PLAN
BRICKELL PROPERTY

LOTS 1 THRU 10, BUILDABLE PRESERVATION PARCEL 'A'
AND NON-BUILDABLE PRESERVATION PARCEL 'B' THRU 'E'
TAX MAP NO.: 9 GRID: 6 PARCEL: 254
TAX MAP NO.: 10 GRID: 1 PARCEL: 274

OWNER/DEVELOPER
JAMES AND SUSAN BRICELL
12201 HOWARD LODGE DRIVE
SYKESVILLE, MD 21784-5404

3RD ELECTION DISTRICT ZONING: RR-DEO HOWARD COUNTY, MARYLAND
SCALE: 1"=100' DATE: APRIL 24, 2019
REVISED DATE: JUNE 11, 2019

Active

F plat

in pdox....

Rev. Req! .25