

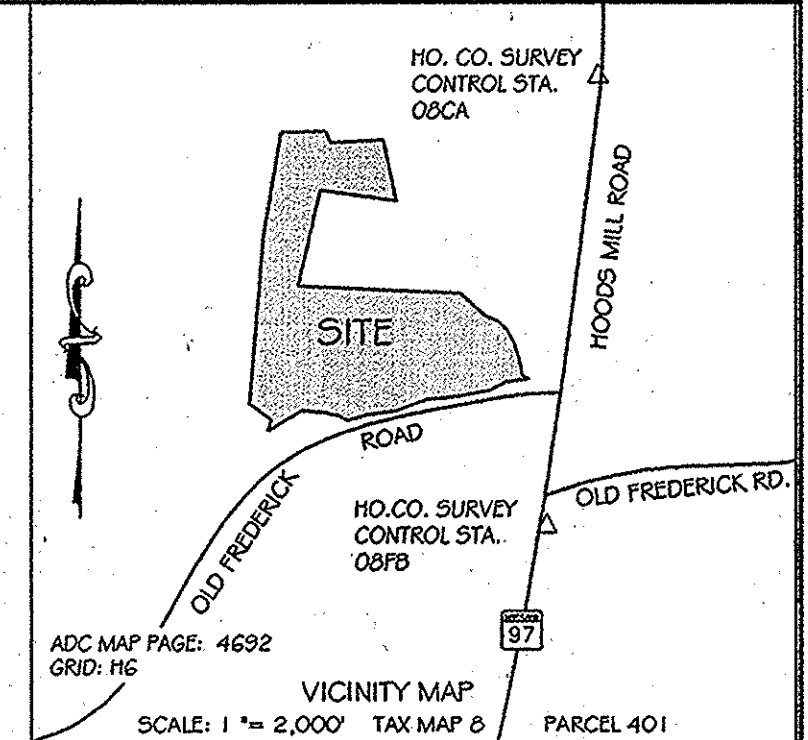
| Coordinates |             |              | Coordinates |             |              |
|-------------|-------------|--------------|-------------|-------------|--------------|
| Point#      | Northing    | Easting      | Point#      | Northing    | Easting      |
| 518         | 609139.1716 | 1307862.3507 | 2569        | 608330.0602 | 1307186.8156 |
| 622         | 609702.8580 | 1306972.2013 | 2570        | 608351.5008 | 1307233.0790 |
| 623         | 609092.8051 | 1306882.7822 | 2571        | 608360.0807 | 1307260.5143 |
| 2506        | 608476.9910 | 1306557.2225 | 2572        | 608379.7998 | 1307329.1215 |
| 2519        | 609464.7099 | 1306617.1413 | 2573        | 608381.7980 | 1307380.0780 |
| 2530        | 608352.1512 | 1306696.9091 | 2574        | 608393.5167 | 1307428.6798 |
| 2531        | 610074.5935 | 1306710.4530 | 2575        | 608400.3750 | 1307478.4590 |
| 2532        | 610079.2670 | 1306883.9853 | 2576        | 608421.8160 | 1307524.7220 |
| 2533        | 610026.7920 | 1307004.2863 | 2577        | 608433.5350 | 1307573.3300 |
| 2534        | 610004.8327 | 1307013.1967 | 2578        | 608454.9750 | 1307619.5930 |
| 2535        | 610024.2009 | 1307341.9245 | 2579        | 608471.5550 | 1307667.0280 |
| 2536        | 609857.5865 | 1307369.1075 | 2580        | 608494.9940 | 1307764.2430 |
| 2537        | 609760.3721 | 1307392.5457 | 2581        | 608496.9910 | 1307815.1940 |
| 2538        | 609685.8210 | 1307410.5199 | 2582        | 608508.7160 | 1307863.8000 |
| 2550        | 608325.0649 | 1306695.5204 | 2583        | 608515.5630 | 1307913.5800 |
| 2551        | 608269.1582 | 1306675.7960 | 2584        | 608539.0070 | 1308010.7950 |
| 2552        | 608219.9975 | 1306640.1854 | 2585        | 608541.0050 | 1308061.7460 |
| 2553        | 608027.1240 | 1306530.4020 | 2586        | 608562.4450 | 1308108.0090 |
| 2554        | 608065.2883 | 1306568.2157 | 2587        | 608593.6070 | 1308151.9290 |
| 2555        | 608112.8476 | 1306598.0415 | 2588        | 608607.1430 | 1308208.0700 |
| 2556        | 608163.2729 | 1306627.6823 | 2589        | 608616.7080 | 1308253.1820 |
| 2557        | 608187.8104 | 1306643.2807 | 2590        | 608619.8186 | 1308307.7310 |
| 2558        | 608208.6755 | 1306663.4796 | 2591        | 608651.5978 | 1308264.4731 |
| 2559        | 608244.2182 | 1306707.4737 | 2592        | 608701.3769 | 1308257.6146 |
| 2561        | 608277.6576 | 1306753.3937 | 2593        | 608810.3091 | 1308230.2324 |
| 2562        | 608313.3552 | 1306798.8892 | 2594        | 608873.6633 | 1308204.2476 |
| 2563        | 608342.3875 | 1306848.5777 | 2595        | 608930.4129 | 1308164.8003 |
| 2564        | 608369.0083 | 1306899.8782 | 2596        | 608978.3302 | 1308114.3935 |
| 2565        | 608378.8785 | 1306957.3554 | 2597        | 609028.3403 | 1308019.1450 |
| 2566        | 608376.0915 | 1307017.4215 | 2598        | 609067.8971 | 1307985.0824 |
| 2567        | 608375.1498 | 1307053.8434 | 2599        | 609107.7914 | 1307939.3456 |
| 2568        | 608362.0880 | 1307127.6610 | 2600        | 609134.3696 | 1307908.8825 |

(GENERAL NOTES CONTINUED)  
 25. PRESERVATION PARCEL "A" IS PRIVATE OWNED AND IS ENCUMBERED BY AN EASEMENT AGREEMENT WITH QUARTZ HILL III, HOA AND HOWARD COUNTY. THIS AGREEMENT PROHIBITS FURTHER SUBDIVISION OF THE PARCEL, OUTLINES THE MAINTENANCE RESPONSIBILITIES OF ITS OWNER AND ENUMERATES THE USES PERMITTED ON THE PROPERTY.  
 26. THE PURPOSE OF BUILDABLE PRESERVATION PARCEL "A" IS TO SUPPORT ONE DWELLING AND FOREST CONSERVATION EASEMENT.  
 27. THE PRESERVATION PARCEL HAS NO FURTHER SUBDIVISION POTENTIAL.  
 28. FOREST OBLIGATION OF THIS SUBDIVISION IN ACCORDANCE WITH SECTION 16.120 OF THE HOWARD COUNTY CODE AND THE LAND DEVELOPMENT REGULATIONS, FOREST CONSERVATION ACT IS 14.03 ACRES. ACREAGE AVAILABLE FOR FOREST MITIGATION BANK IS 10.31 ACRES.  
 29. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. REQUIRED LANDSCAPING HAS BEEN SATISFIED WITH THE RETENTION OF EXISTING VEGETATION.  
 30. THE BASIS OF BEARINGS FOR THIS PLAN IS THE MARYLAND COORDINATE SYSTEM (NAD 83) 1" PER HOWARD COUNTY SURVEY CONTROL STATIONS 08FB AND 08CA.  
 31. THE FOREST STAND DELINEATION FOR THIS SUBDIVISION WAS PREPARED BY VANMAR ASSOCIATES, INC., AND APPROVED AS PART OF ECF APPROVAL ON OCTOBER 11, 2012.  
 32. THERE ARE NO FLOODPLAINS ON THIS SITE.  
 33. THERE ARE NO WETLANDS ON LOTS 1-7 AND THE BUILDABLE AREA OF PRESERVATION PARCEL "A".  
 34. A TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY LENHART TRAFFIC CONSULTING, INC., DATED AUGUST 31, 2013 AND WAS APPROVED ON 10/31/2013.  
 35. STORM WATER MANAGEMENT PRACTICES ARE REQUIRED IN ACCORDANCE WITH THE DESIGN MANUALS. PRIOR TO SIGNATURE APPROVAL OF THE FINAL PLAT OR SITE DEVELOPMENT PLAN, THE DEVELOPER WILL BE REQUIRED TO EXECUTE THE DECLARATION OF COVENANT AND/OR A DEVELOPER'S AGREEMENT FOR THE CONSTRUCTION OF THE STORM WATER MANAGEMENT PRACTICES AND A MAINTENANCE AGREEMENT. LANDSCAPE INFILTRATION FACILITIES AND GRASS SWALE WILL BE OWNED AND MAINTAINED BY THE INDIVIDUAL PROPERTY OWNERS. THE UIC DRIVEWAY AND NONROOFTOP DISCONNECTION (GRASS SHOULDERS WILL BE MAINTAINED BY THE HOA).  
 36. PREVIOUS D.P.Z. FILE NO. ECF-12-066.  
 37. THE PROPERTY IS NOT LOCATED IN THE METROPOLITAN DISTRICT.  
 38. DISTANCES SHOWN ARE BASED ON 0.01' OF A FOOT.

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| B1   | N29°38'55"E | 221.33'  |
| B2   | N35°55'07"E | 60.70'   |
| B3   | N19°26'00"E | 59.28'   |
| B4   | N02°56'06"E | 27.12'   |
| B5   | N81°24'58"E | 137.34'  |
| B6   | N03°28'18"E | 983.53'  |
| B7   | N08°41'55"E | 616.99'  |
| B8   | N89°01'16"E | 273.57'  |
| B9   | S21°09'00"E | 56.27'   |
| B10  | S22°05'10"E | 23.70'   |
| B11  | N66°37'41"E | 329.30'  |
| B12  | S69°12'45"E | 138.82'  |
| B13  | S13°38'19"E | 100.00'  |
| B14  | S13°38'19"E | 76.69'   |
| B15  | N87°46'27"W | 438.65'  |
| B16  | S09°20'20"W | 616.57'  |
| B17  | N87°12'24"E | 980.67'  |
| B18  | S84°06'29"E | 46.78'   |
| B19  | S48°53'46"E | 40.43'   |
| B20  | S48°51'21"E | 57.03'   |
| B21  | S40°43'55"E | 52.20'   |
| B22  | S62°17'54"E | 107.58'  |
| B23  | S46°27'01"E | 69.55'   |
| B24  | S34°48'13"E | 69.11'   |
| B25  | S22°18'04"E | 68.48'   |
| B26  | S14°06'36"E | 112.32'  |
| B27  | S07°50'41"E | 30.25'   |
| B28  | S48°51'21"E | 57.03'   |
| B29  | S86°44'11"W | 54.64'   |
| B30  | S78°01'44"W | 46.11'   |
| B31  | S76°26'39"W | 57.75'   |
| B32  | S54°38'37"W | 53.85'   |
| B33  | S65°08'07"W | 50.99'   |
| B34  | S67°45'16"W | 50.99'   |
| B35  | S76°26'42"W | 50.99'   |
| B36  | S62°09'42"W | 50.25'   |
| B37  | S76°26'16"W | 50.00'   |
| B38  | S87°45'20"W | 50.99'   |
| B39  | S76°26'40"W | 100.00'  |
| B40  | S70°44'02"W | 50.25'   |
| B41  | S65°08'07"W | 50.99'   |
| B42  | S76°26'42"W | 50.99'   |
| B43  | S62°09'42"W | 50.99'   |
| B44  | S82°09'20"W | 50.25'   |
| B45  | S76°26'43"W | 50.00'   |
| B46  | S87°45'15"W | 50.99'   |
| B47  | S76°26'41"W | 50.00'   |
| B48  | S70°44'03"W | 50.25'   |
| B49  | S65°08'05"W | 50.99'   |
| B50  | N61°34'24"W | 67.27'   |
| B51  | N79°57'56"W | 74.96'   |
| B52  | N88°51'08"W | 36.43'   |
| B53  | N87°20'36"W | 60.13'   |
| B54  | S80°15'22"W | 58.32'   |
| B55  | S62°34'27"W | 57.80'   |
| B56  | S59°42'10"W | 57.59'   |
| B57  | S51°25'12"W | 57.03'   |
| B58  | S33°56'15"W | 36.81'   |
| B59  | S51°03'55"W | 56.58'   |
| B60  | S44°04'14"W | 29.04'   |
| B61  | S32°26'39"W | 29.08'   |
| B62  | S30°26'52"W | 58.49'   |
| B63  | S32°03'55"W | 56.14'   |
| B64  | S44°44'08"W | 53.73'   |

**OWNER**  
 QUARTZ HILL III, LLC  
 4003 JENNINGS CHAPEL ROAD  
 BROOKVILLE, MD 20833  
 410-489-4630

| MINIMUM LOT SIZE CHART |             |               |               |
|------------------------|-------------|---------------|---------------|
| LOT NO.                | GROSS AREA  | PIPESTEM AREA | MIN. LOT SIZE |
| 1                      | 50,000 S.F. | -----         | 50,000 S.F.   |
| 2                      | 50,000 S.F. | 3,027 S.F.    | 46,973 S.F.   |
| 3                      | 50,000 S.F. | 3,080 S.F.    | 46,920 S.F.   |
| 4                      | 50,000 S.F. | -----         | 50,000 S.F.   |
| 5                      | 50,000 S.F. | -----         | 50,000 S.F.   |
| 6                      | 50,000 S.F. | 2,928 S.F.    | 47,072 S.F.   |
| 7                      | 50,000 S.F. | -----         | 50,000 S.F.   |

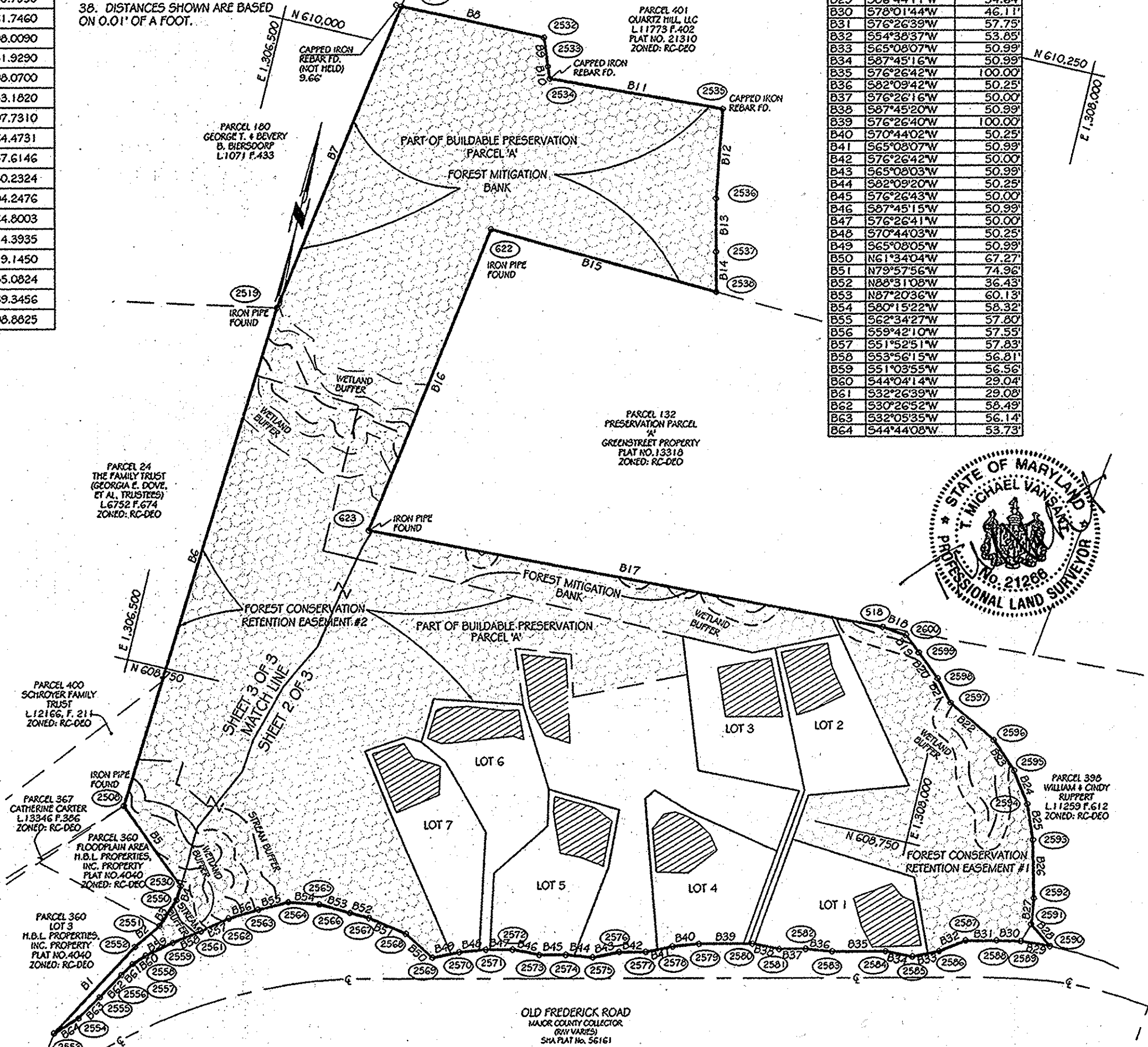


| DENSITY TABULATION CHART  |               |
|---|---------------|
| GROSS TRACT AREA =  | 35.1964 AC. ± |
| AREA OF FLOODPLAIN =  | 0.0000 AC. ±  |
| AREA OF 25% OR GREATER SLOPE (OUTSIDE OF FLOODPLAIN) =              | 2.1000 AC. ±  |
| NET TRACT AREA (GROSS AREA-FLOODPLAIN AREA-STEEP SLOPE AREA) =      | 33.0964 AC. ± |
| ALLOWED DEVELOPMENT RIGHTS (GROSS TRACT AREA x 1 d.u./4.25 ACRES) = | 8.28          |
| NUMBER OF BUILDABLE LOTS AND PARCELS =                              | 8             |

THE REQUIREMENTS § 3-106, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*T. Michael VanSant* 3/31/2014  
 T. MICHAEL VANSANT, Prof. L.S. No. 21266 DATE  
*Charles A. Sharp* 3/31/2014  
 QUARTZ HILL III, LLC OWNER DATE

| AREA TABULATION CHART   |               |
|---|---------------|
| a. Total number of lots and/or parcels to be recorded             |               |
| • Buildable   | 7             |
| • Non-Buildable   | 0             |
| • Open Space  | 0             |
| • Preservation Parcels  | 1             |
| b. Total area of lots and/or parcels                              |               |
| • Buildable   | 8.0349 AC. ±  |
| • Non-Buildable   | 0             |
| • Open Space  | 0             |
| • Preservation Parcels  | 27.1615 AC. ± |
| c. Total area of roadway to be recorded including widening strips |               |
|   | 0 AC. ±       |
| d. Total area of subdivision to be recorded                       |               |
|   | 35.1964 AC. ± |



- General Notes:**
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT REGULATIONS.
  - COORDINATES ARE BASED ON THE MARYLAND COORDINATE SYSTEM (NAD 83) 1" AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 08FB AND 08CA.  
 08FB N. 607,697.3177 E. 1,308,424.2554 (SFT.)  
 08CA N. 610,521.2494 E. 1,308,742.1471 (SFT.)
  - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT 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. 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 SEWAGE EASEMENT. RECORDATION OF A REVISED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
  - B.R.L. - REPRESENTS BUILDING RESTRICTION LINES
  - REPRESENTS CONCRETE MONUMENT SET (UNLESS OTHERWISE NOTED)
  - REPRESENTS IRON REBAR SET (UNLESS OTHERWISE NOTED)
  - PUBLIC WATER AND SEWER ARE NOT AVAILABLE TO THIS SITE. ON-LOT WATER AND SEWER WILL BE PROVIDED UNTIL PUBLIC UTILITIES ARE AVAILABLE.
  - THE SUBJECT PROPERTY IS ZONED "RCDEO" PER 02/02/04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENTS EFFECTIVE 07/28/06.
  - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
    - WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE);
    - SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN.);
    - GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
    - STRUCTURES (CULVERTS / BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (125 LOADING);
    - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN ONE FOOT DEPTH OVER
  - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
  - THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST 29, 2012. VANMAR ASSOCIATES, INC.
  - AREAS AS STATED ON THIS PLAT ARE TO BE TAKEN AS MORE OR LESS, UNLESS OTHERWISE NOTED.
  - FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY LINE ONLY AND NOT, ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
  - NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS, OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT.
  - THIS PLAT IS IN COMPLIANCE WITH THE AMENDED FIFTH EDITION SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT.
  - THERE ARE NO HISTORIC SITES OR CEMETARIES ON THIS PROPERTY.
  - DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS FOREST CONSERVATION AREA), LOCATED IN, ON, OVER AND THROUGH LOTS / PARCELS. ANY CONVEYANCES OF THE AFORESAID LOTS / PARCELS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED CONVEYING SAID LOTS / PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND IN THE CASE OF THE FOREST CONSERVATION EASEMENTS, UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEEDS OF EASEMENTS IN THE LAND RECORDS OF HOWARD COUNTY.
  - THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED IN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
  - THIS SUBDIVISION ABUTS A MAJOR COLLECTOR ROADWAY AND IS NOT SUBJECT TO THE 65dBA NOISE LINE PER CHAPTER 5 OF THE HOWARD COUNTY ROADS DESIGN MANUAL.
  - WAIVER PETITION WP-13-014 WAS APPROVED ON AUGUST 15, 2012. THIS IS A WAIVER TO SECTION 16.119 (b) (3) TO ALLOW TWO SEPARATE DIRECT DRIVEWAY ENTRANCES ONTO A MAJOR COLLECTOR ROAD, OLD FREDERICK ROAD, A RESTRICTED ACCESS ROAD.
  - WAIVER PETITION WP-13-056 WAS APPROVED ON DECEMBER 20, 2012. THIS IS A WAIVER TO SECTION 16.1205 (a) (7) TO ALLOW FOR THE REMOVAL OF 25 SPECIMEN TREES. IN ADDITION THIS IS A WAIVER TO SECTION 16.144 (b) TO ALLOW THE SUBMISSION OF A FINAL PLAN FOR REVIEW WITHOUT THE SUBMISSION OF A PRELIMINARY EQUIVALENT SKETCH PLAN.
  - WP-07-033 WAS APPROVED ON FEBRUARY 2, 2007. THIS IS A WAIVER TO SECTION 16.120 (c) (2) TO ALLOW LOTS FOR SINGLE FAMILY DETACHED DWELLINGS TO NOT HAVE MINIMUM LOT FRONTAGE ON APPROVED STREETS WITH A PUBLIC RIGHT OF WAY, AND SECTION 16.147 TO ALLOW PARCELS TO BE CREATED BY DEED RATHER THAN BY PLAT. APPROVAL WAS SUBJECT TO THE CONDITION THAT THE ACCESS TO THE SUBJECT PARCEL 1 (PROPOSED FOR FUTURE SUBDIVISION AS QUARTZ HILL ESTATES III) SHALL BE THAT DEEMED ADEQUATE BY THE SUBDIVISION REVIEW COMMITTEE. THE PENDING PRELIMINARY PLAN FOR QUARTZ HILL ESTATES III SHALL REFLECT THE FRONTAGE / ACCESS AS DETERMINED BY THE SRC.
  - THIS PLAN IS GRANDFATHERED TO SP-236, AND IS LOCATED WITHIN THE GROWTH TIER IV, BECAUSE OF THE PERC APPLICATION WAS SUBMITTED TO THE HEALTH DEPARTMENT PRIOR TO JULY 1, 2012.
  - THE ACCESS TO LOTS 1, 4, 5, AND 7 AND BUILDABLE PRESERVATION PARCEL A DO NOT COINCIDE WITH THEIR ROAD FRONTAGE; HOWEVER, DPZ HAS DETERMINED THAT THE LOTS MEET THE INTENT OF THE REGULATIONS BECAUSE OLD FREDERICK ROAD IS CLASSIFIED AS MAJOR COLLECTOR HIGHWAY AND ALL LOTS / PARCELS WILL BE SERVED BY SHARED DRIVEWAYS.
  - THE ARTICLES OF INCORPORATION FOR THE QUARTZ HILL III HOA AND PROTECTIVE COVENANTS CONTAINED THEREIN, WERE ACCEPTED BY THE STATE DEPARTMENT OF ASSESSMENT AND TAXATION ON 11/15/2013 AND RECORDED DEPT ID #D1555196.

**APPROVED**  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Chad Edmonson* 4-28-14  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION, MD DATE  
*Kest Shenkowitz* 4-29-14  
 DIRECTOR DATE

**APPROVED**  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
*For Joseph J. Davis* 4/28/14  
 HOWARD COUNTY HEALTH OFFICER DATE  
 gw mjb

**OWNER'S CERTIFICATE**  
 WE, QUARTZ HILL III, LLC, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OR RIGHT-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.  
 WITNESS OUR HANDS THIS 31<sup>ST</sup> DAY OF March, 2014.  
 QUARTZ HILL III, LLC  
*Charles A. Sharp*  
 CHARLES A. SHARP, MANAGING MEMBER  
 Witness: *T. Michael VanSant*

**SURVEYOR'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED FEBRUARY 1, 2008 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 11072 AT FOLIO 664 AND PART OF THE LANDS CONVEYED BY STATE HIGHWAY ADMINISTRATION OF THE DEPARTMENT OF TRANSPORTATION, ON BEHALF OF THE STATE OF MARYLAND UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED DECEMBER 23, 2005 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 9801 AT FOLIO 502; AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21266, EXPIRATION DATE SEPTEMBER 9, 2015, IN ACCORDANCE WITH COMAR 09.13.06.12  
*T. Michael VanSant* 3/31/2014  
 T. MICHAEL VANSANT, Prof. L.S. #21266 DATE

RECORDED AS PLAT NO. 2013-01518 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.  
**FINAL SUBDIVISION PLAT**  
 LOTS 1-7, BUILDABLE PRESERVATION PARCEL A,  
 AND QUARTZ HILL III FOREST MITIGATION BANK,  
**QUARTZ HILL III**  
 LIBER 9801 AT FOLIO 502  
 LIBER 11072 AT FOLIO 664  
 TAX MAP: 8  
 GRID NO: 11  
 PARCEL NO: 401  
 ELECTION DISTRICT: No. 4  
 HOWARD COUNTY, MARYLAND  
 EX. ZONING: RCDEO  
 SCALE: 1"=200'  
 DATE: MARCH, 2013  
 SHEET 1 OF 3  
**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street Mount Airy, Maryland 21771  
 (301) 829-2890 (301) 831-5015 (410) 549-2751  
 Fax (301) 831-5603 ©Copyright, Latest Date Shown  
 vanmar.com  
 County File # F-13-070 A0-4471

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1989 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*T. Michael VanSant* 3/31/2014  
 T. MICHAEL VANSANT, Prof. L.S. NO. 21266 DATE  
*Charles A. Sharp* 3/31/2014  
 QUARTZ HILL III, LLC OWNER DATE

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| W1   | S46°27'01"E | 19.47    |
| W2   | S04°56'30"E | 32.89    |
| W3   | S07°07'44"E | 27.49    |
| W4   | S18°52'31"E | 27.49    |
| W5   | S15°59'00"E | 33.03    |
| W6   | N01°20'40"W | 22.19    |
| W7   | N08°13'53"E | 29.26    |
| W8   | N14°36'33"W | 43.57    |
| W9   | N25°35'55"W | 14.04    |
| W10  | N47°34'47"W | 14.04    |
| W11  | N21°47'38"E | 13.94    |
| W12  | S62°17'54"E | 100.42   |
| W13  | S54°06'29"E | 46.78    |
| W14  | S48°58'45"E | 30.19    |
| W15  | N86°47'45"W | 62.22    |
| W16  | N67°17'24"E | 58.30    |
| W17  | N67°17'24"E | 96.44    |
| W18  | S38°08'18"W | 14.75    |
| W19  | N82°26'21"W | 47.43    |
| W20  | N87°17'24"E | 11.94    |
| W21  | S51°52'51"W | 11.87    |
| W22  | N81°13'45"E | 10.37    |
| W23  | S63°33'59"W | 13.60    |
| W24  | N00°42'29"E | 40.34    |
| W25  | N50°13'07"E | 10.42    |
| W26  | S35°15'20"W | 2.10     |
| W27  | N74°26'14"E | 3.80     |
| W28  | S43°42'43"W | 8.01     |
| W29  | N85°38'25"E | 6.89     |
| W30  | N25°28'33"W | 12.37    |
| W31  | S59°42'10"W | 26.31    |
| W40  | S04°34'43"W | 5.28     |

AREA TABULATION CHART

- a. Total number of lots and/or parcels to be recorded
- Buildable: 7
  - Non-Buildable: 0
  - Open Space: 0
  - Preservation Parcels: 1
- b. Total area of lots and/or parcels
- Buildable: 8,0349 Ac.±
  - Non-Buildable: 0
  - Open Space: 0
  - Preservation Parcels: 13,8861 Ac.±
- c. Total area of roadway to be recorded including widening strips: 0 Ac.±
- d. Total area of subdivision to be recorded: 21,9210 Ac.±

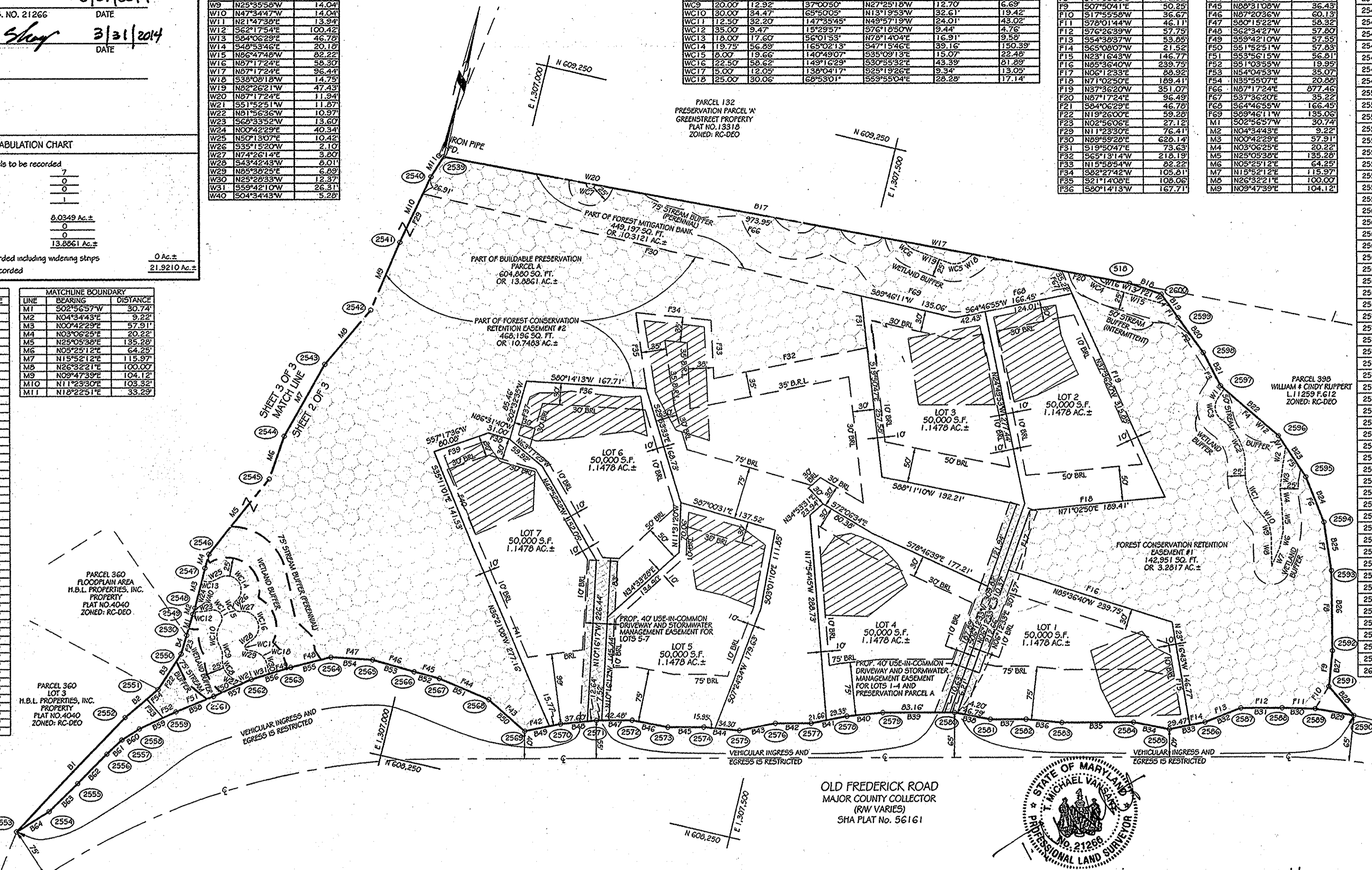
| LINE | BEARING     | DISTANCE | LINE | BEARING     | DISTANCE |
|------|-------------|----------|------|-------------|----------|
| B1   | N29°30'55"E | 22.13    | M1   | S02°56'57"W | 30.74    |
| B2   | N35°55'07"E | 60.70    | M2   | N04°34'43"E | 9.22     |
| B3   | N19°26'00"E | 59.28    | M3   | N00°42'29"E | 57.91    |
| B4   | N02°56'06"E | 27.12    | M4   | N03°06'29"E | 20.22    |
| B7   | N87°17'24"E | 98.67    | M5   | N25°03'58"E | 135.29   |
| B10  | S04°06'29"E | 46.78    | M6   | N05°25'12"E | 64.25    |
| B19  | S48°58'45"E | 40.43    | M7   | N15°52'12"E | 115.97   |
| B20  | S48°54'12"E | 60.69    | M8   | N26°32'21"E | 100.00   |
| B21  | S40°43'55"E | 52.20    | M9   | N09°47'39"E | 104.12   |
| B22  | S62°17'54"E | 107.58   | M10  | N11°23'30"E | 103.32   |
| B23  | S46°27'01"E | 69.55    | M11  | N18°22'51"E | 33.29    |
| B24  | S34°48'13"E | 69.11    |      |             |          |
| B25  | S21°18'04"E | 68.40    |      |             |          |
| B26  | S14°06'36"E | 112.32   |      |             |          |
| B27  | S07°50'41"E | 50.25    |      |             |          |
| B28  | S53°41'51"E | 53.60    |      |             |          |
| B29  | S56°44'11"W | 54.64    |      |             |          |
| B30  | S78°01'44"W | 46.11    |      |             |          |
| B31  | S76°26'39"W | 57.75    |      |             |          |
| B32  | S54°58'37"W | 53.85    |      |             |          |
| B33  | S25°08'07"W | 50.99    |      |             |          |
| B34  | S67°45'16"W | 50.39    |      |             |          |
| B35  | S76°26'42"W | 100.00   |      |             |          |
| B36  | S82°09'42"W | 50.25    |      |             |          |
| B37  | S76°26'16"W | 50.00    |      |             |          |
| B38  | S87°45'20"W | 50.99    |      |             |          |
| B39  | S76°26'40"W | 50.99    |      |             |          |
| B40  | S70°44'02"W | 50.25    |      |             |          |
| B41  | S65°08'07"W | 50.39    |      |             |          |
| B42  | S76°26'42"W | 50.00    |      |             |          |
| B43  | S65°08'03"W | 50.99    |      |             |          |
| B44  | S82°09'20"W | 50.25    |      |             |          |
| B45  | S76°26'43"W | 50.00    |      |             |          |
| B46  | S87°45'15"W | 50.99    |      |             |          |
| B47  | S76°26'40"W | 50.99    |      |             |          |
| B48  | S70°44'03"W | 50.25    |      |             |          |
| B49  | S65°08'05"W | 50.99    |      |             |          |
| B50  | N61°34'04"W | 67.27    |      |             |          |
| B51  | N79°57'56"W | 74.96    |      |             |          |
| B52  | N88°31'08"W | 36.43    |      |             |          |
| B53  | N87°20'36"W | 60.13    |      |             |          |
| B54  | S80°15'22"W | 50.32    |      |             |          |
| B55  | S62°34'27"W | 57.80    |      |             |          |
| B56  | S59°42'10"W | 57.59    |      |             |          |
| B57  | S51°52'51"W | 57.83    |      |             |          |
| B58  | S53°56'19"W | 56.81    |      |             |          |
| B59  | S51°03'55"W | 56.56    |      |             |          |
| B60  | S44°04'14"W | 29.04    |      |             |          |
| B61  | S32°26'39"W | 29.08    |      |             |          |
| B62  | S30°26'52"W | 58.49    |      |             |          |
| B63  | S32°06'39"W | 58.14    |      |             |          |
| B64  | S44°44'02"W | 53.73    |      |             |          |

| CURVE | RADIUS | ARC LENGTH | DELTA ANGLE | CHORD BEARING | CHORD LENGTH | TANGENT |
|-------|--------|------------|-------------|---------------|--------------|---------|
| WC1   | 80.00' | 74.17'     | 47°13'08"   | N83°42'21"W   | 72.09'       | 39.34'  |
| WC2   | 80.00' | 81.17'     | 50°08'03"   | N84°40'36"W   | 77.73'       | 44.47'  |
| WC3   | 22.00' | 35.96'     | 93°39'34"   | N20°51'57"W   | 32.09'       | 23.45'  |
| WC4   | 72.29' | 39.86'     | 31°35'38"   | N74°11'55"W   | 39.36'       | 20.45'  |
| WC5   | 25.00' | 25.99'     | 59°29'21"   | S71°49'20"W   | 24.78'       | 14.27'  |
| WC6   | 25.00' | 19.19'     | 43°58'14"   | N63°31'6"W    | 18.72'       | 10.09'  |
| WC7   | 6.00'  | 20.03'     | 131°17'58"  | S87°17'24"W   | 11.94'       | 0.00'   |
| WC8   | 80.00' | 41.67'     | 79°35'11"   | N43°19'16"W   | 38.40'       | 24.99'  |
| WC9   | 80.00' | 12.92'     | 37°00'50"   | N27°28'18"W   | 12.70'       | 6.69'   |
| WC10  | 20.00' | 34.47'     | 65°50'05"   | N13°19'59"W   | 32.61'       | 19.42'  |
| WC11  | 12.50' | 32.20'     | 147°35'45"  | N49°57'19"W   | 24.01'       | 43.02'  |
| WC12  | 35.00' | 9.47'      | 15°29'37"   | S78°18'50"W   | 9.44'        | 4.76'   |
| WC13  | 18.00' | 17.60'     | 56°01'53"   | N76°14'04"E   | 16.91'       | 9.58'   |
| WC14  | 18.75' | 56.99'     | 116°02'13"  | S47°15'46"E   | 39.16'       | 110.39' |
| WC15  | 8.00'  | 19.66'     | 140°49'07"  | S35°09'18"E   | 15.07'       | 22.48'  |
| WC16  | 22.50' | 58.62'     | 149°12'29"  | S30°58'32"E   | 43.39'       | 61.89'  |
| WC17  | 5.00'  | 12.05'     | 138°04'17"  | S29°19'26"E   | 9.34'        | 13.05'  |
| WC18  | 25.00' | 30.06'     | 66°53'01"   | S53°55'04"E   | 28.28'       | 17.14'  |

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| F1   | S48°59'46"E | 40.43    |
| F2   | S48°54'12"E | 60.69    |
| F3   | S40°43'55"E | 52.20    |
| F4   | S62°17'54"E | 107.58   |
| F5   | S46°27'01"E | 69.55    |
| F6   | S34°48'13"E | 69.11    |
| F7   | S22°18'04"E | 68.40    |
| F8   | S14°06'36"E | 112.32   |
| F9   | S07°50'41"E | 50.25    |
| F10  | S17°55'58"W | 36.67    |
| F11  | S78°01'44"W | 46.11    |
| F12  | S76°26'39"W | 57.75    |
| F13  | S54°06'29"W | 53.85    |
| F14  | S65°08'07"W | 21.52    |
| F15  | N83°16'24"W | 146.77   |
| F16  | N85°38'25"W | 239.75   |
| F17  | N86°12'33"E | 88.92    |
| F18  | N71°02'50"E | 189.41   |
| F19  | N37°36'20"W | 351.07   |
| F20  | N87°17'24"E | 96.49    |
| F21  | S84°06'29"E | 46.78    |
| F22  | N19°26'00"E | 59.28    |
| F23  | N02°56'06"E | 27.12    |
| F24  | N11°23'30"E | 72.41    |
| F25  | N89°59'22"E | 628.14   |
| F26  | S19°50'47"E | 73.63    |
| F27  | S65°13'14"W | 218.19   |
| F28  | N15°58'54"W | 82.22    |
| F29  | S82°27'42"W | 105.81   |
| F30  | S21°14'00"E | 108.06   |
| F36  | S90°41'31"W | 167.71   |

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| F37  | S02°33'55"W | 25.46    |
| F38  | N86°31'40"W | 31.00    |
| F39  | S57°17'36"W | 80.09    |
| F40  | S35°11'01"E | 141.53   |
| F41  | S36°21'08"E | 277.16   |
| F42  | S65°08'05"W | 35.22    |
| F43  | N61°34'04"W | 67.27    |
| F44  | S07°57'56"W | 74.96    |
| F45  | N89°31'08"W | 36.43    |
| F46  | N87°20'36"W | 60.13    |
| F47  | S80°15'22"W | 58.32    |
| F48  | S62°34'27"W | 57.80    |
| F49  | S59°42'10"W | 57.59    |
| F50  | S51°52'51"W | 57.83    |
| F51  | S07°55'58"W | 36.81    |
| F52  | S11°03'55"W | 19.95    |
| F53  | N54°04'53"W | 35.07    |
| F54  | N35°55'07"E | 20.80    |
| F56  | N87°17'24"E | 877.46   |
| F57  | S37°36'20"E | 35.22    |
| F58  | S64°46'55"W | 166.45   |
| F59  | S69°46'11"W | 135.05   |
| M1   | S07°55'58"W | 30.74    |
| M2   | N04°34'43"E | 9.22     |
| M3   | N00°42'29"E | 57.91    |
| M4   | N03°06'29"E | 20.22    |
| M5   | N25°03'58"E | 135.29   |
| M6   | N05°25'12"E | 64.25    |
| M7   | N15°52'12"E | 115.97   |
| M8   | N26°32'21"E | 100.00   |
| M9   | N09°47'39"E | 104.12   |
| M10  | N11°23'30"E | 103.32   |
| M11  | N18°22'51"E | 33.29    |

| Point# | Northing    | Eastings     |
|--------|-------------|--------------|
| 2518   | 609139.1716 | 1307862.3507 |
| 2530   | 608352.1512 | 1306696.3091 |
| 2539   | 608093.1227 | 1306888.4928 |
| 2540   | 609061.5300 | 1306878.3950 |
| 2541   | 608960.2410 | 1306858.5870 |
| 2542   | 608857.6380 | 1306840.8750 |
| 2543   | 608768.1710 | 1306796.1920 |
| 2544   | 608656.6240 | 1306764.4800 |
| 2545   | 608592.6577 | 1306758.4107 |
| 2546   | 608470.1465 | 1306701.0384 |
| 2547   | 608449.9525 | 1306699.9423 |
| 2548   | 608392.0426 | 1306699.2267 |
| 2549   | 608382.8539 | 1306698.4909 |
| 2550   | 608325.0649 | 1306695.5204 |
| 2551   | 608269.1582 | 1306675.7960 |
| 2552   | 608219.9975 | 1306640.1854 |
| 2553   | 608027.1240 | 1306550.4020 |
| 2554   | 608065.2883 | 1306568.2157 |
| 2555   | 608112.8476 | 1306598.0415 |
| 2556   | 608163.2729 | 1306627.6223 |
| 2557   | 608375.1498 | 1307053.8434 |
| 2558   | 608362.0680 | 1307127.6610 |
| 2559   | 608369.0803 | 1306997.8782 |
| 2560   | 608378.8785 | 1306957.3554 |
| 2561   | 608376.0915 | 1307017.4215 |
| 2562   | 608313.3552 | 1306798.8892 |
| 2563   | 608342.3875 | 1306848.5777 |
| 2564   | 608369.3883 | 1306899.8782 |
| 2565   | 608378.8785 | 1306957.3554 |
| 2566   | 608376.0915 | 1307017.4215 |
| 2567   | 608375.1498 | 1307053.8434 |
| 2568   | 608362.0680 | 1307127.6610 |
| 2569   | 608369.0803 | 1307186.8156 |
| 2570   | 608351.5008 | 1307233.0790 |
| 2571   | 608360.0607 | 1307280.5143 |
| 2572   | 608379.7988 | 1307329.1215 |
| 2573   | 608381.7980 | 1307380.0730 |
| 2574   | 608393.5167 | 1307428.6798 |
| 2575   | 608400.3750 | 1307478.4590 |
| 2576   | 608421.8160 | 1307524.7220 |
| 2577   | 608433.5350 | 1307573.3300 |
| 2578   | 608454.9750 | 1307619.5930 |
| 2579   | 608471.5550 | 1307667.0280 |
| 2580   | 608494.9940 | 1307764.2430 |
| 2581   | 608496.9910 | 1307815.1940 |
| 2582   | 608508.7160 | 1307863.8000 |
| 2583   | 608515.5690 | 1307913.5800 |
| 2584   | 608539.0070 | 1308010.7950 |
| 2585   | 608541.0050 | 1308061.7460 |
| 2586   | 608562.4450 | 1308108.0090 |
| 2587   | 608593.6070 | 1308151.9290 |
| 2588   | 608607.1430 | 1308208.0700 |
| 2589   | 608616.7080 | 1308253.1620 |
| 2590   | 608619.8186 | 1308307.7310 |
| 2591   | 608651.5978 | 1308264.4731 |
| 2592   | 608701.3769 | 1308257.6146 |
| 2593   | 608810.3091 | 1308230.2324 |
| 2594   | 608873.6633 | 1308204.2476 |
| 2595   | 608930.4129 | 1308164.8003 |
| 2596   | 608978.3302 | 1308114.3935 |
| 2597   | 609028.3403 | 1308019.1450 |
| 2598   | 609067.8971 | 1307985.0824 |
| 2599   | 609107.7914 | 1307939.3456 |
| 2600   | 609134.3696 | 1307908.8825 |



APPROVED  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
*Chief, Development Engineering Division* 4-28-14  
*Director* 4-29-14  
 APPROVED  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
*Howard County Health Officer* 4/28/14  
 DATE 4-28-14

OWNER'S CERTIFICATE  
 WE, QUARTZ HILL III, LLC, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OR RIGHT-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.  
 WITNESS OUR HANDS THIS 31<sup>ST</sup> DAY OF March, 2014.  
 QUARTZ HILL III, LLC  
*Charles A. Sharp*  
 CHARLES A. SHARP, MANAGING MEMBER  
 WITNESS  
*Seborah K. VanSant*

SURVEYOR'S CERTIFICATE  
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED FEBRUARY 1, 2008 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 11072 AT FOLIO 664 AND ALL OF THE LANDS CONVEYED BY STATE HIGHWAY ADMINISTRATION OF THE DEPARTMENT OF TRANSPORTATION, ON BEHALF OF THE STATE OF MARYLAND UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED DECEMBER 23, 2005 AND RECORDED AMONG THE

| Point# | Northing    | Easting      |
|--------|-------------|--------------|
| 622    | 609702.8560 | 1306972.2013 |
| 623    | 609092.8051 | 1306882.7822 |
| 2508   | 608476.9910 | 1306557.2225 |
| 2519   | 609464.7099 | 1306617.1413 |
| 2530   | 608352.1512 | 1306696.9091 |
| 2531   | 610074.5935 | 1306710.4530 |
| 2532   | 610079.2670 | 1306983.9853 |
| 2533   | 610026.7920 | 1307004.2863 |
| 2534   | 610004.8327 | 1307013.1967 |
| 2535   | 610024.2009 | 1307341.9245 |
| 2536   | 609857.5865 | 1307369.1075 |
| 2537   | 609760.3721 | 1307392.5457 |
| 2538   | 609685.8210 | 1307410.5199 |
| 2539   | 609093.1227 | 1306889.4928 |
| 2540   | 609061.5300 | 1306878.9950 |
| 2541   | 608960.2410 | 1306858.5870 |
| 2542   | 608857.6380 | 1306840.8750 |
| 2543   | 608768.1710 | 1306796.1920 |
| 2544   | 608656.6240 | 1306764.4800 |
| 2545   | 608592.6577 | 1306758.4107 |
| 2546   | 608470.1465 | 1306701.0384 |
| 2547   | 608449.9525 | 1306699.9423 |
| 2548   | 608392.0426 | 1306699.2267 |
| 2549   | 608382.8539 | 1306698.4909 |

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| F24  | N48°12'45"W | 187.34'  |
| F25  | N03°28'18"E | 856.39'  |
| F26  | S86°36'57"E | 200.05'  |
| F27  | S00°02'33"W | 204.86'  |
| F28  | S88°59'28"W | 65.11'   |
| F29  | S11°23'00"W | 76.41'   |
| M1   | S02°58'7"W  | 30.74'   |
| M2   | N04°34'43"E | 9.22'    |
| M3   | N00°42'22"E | 57.91'   |
| M4   | N03°06'25"E | 20.22'   |
| M5   | N25°05'38"E | 135.28'  |
| M6   | N05°25'12"E | 64.25'   |
| M7   | N15°52'12"E | 115.97'  |
| M8   | N26°32'21"E | 100.00'  |
| M9   | N02°47'39"E | 104.12'  |
| M10  | N11°23'30"E | 103.32'  |
| M11  | N18°22'51"E | 33.29'   |

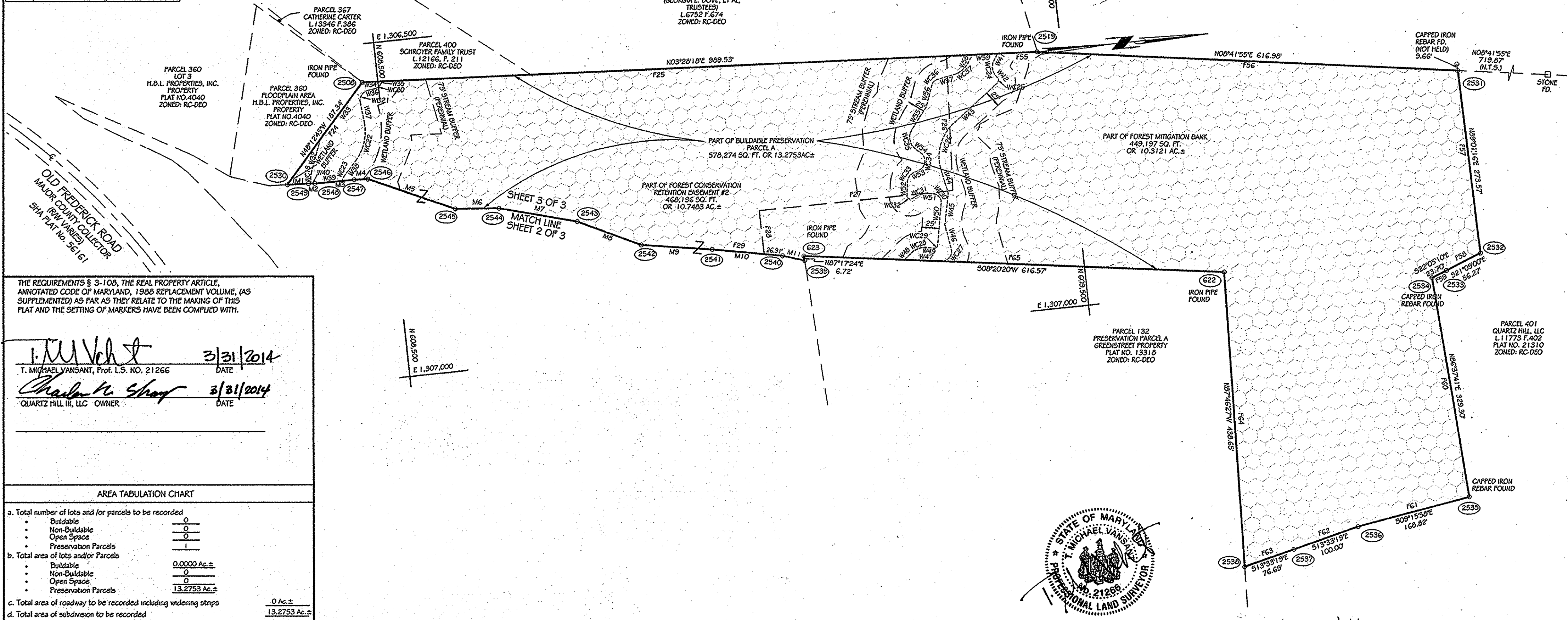
| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| W32  | S02°58'7"W  | 30.74'   |
| W33  | N04°34'43"E | 9.22'    |
| W34  | N00°42'22"E | 57.91'   |
| W35  | N03°06'25"E | 20.22'   |
| W36  | N25°05'38"E | 135.28'  |
| W37  | N05°25'12"E | 64.25'   |
| W38  | N15°52'12"E | 115.97'  |
| W39  | N26°32'21"E | 100.00'  |
| W40  | N02°47'39"E | 104.12'  |
| W41  | N11°23'30"E | 103.32'  |
| W42  | N18°22'51"E | 33.29'   |
| W43  | N37°16'34"W | 89.34'   |
| W44  | N79°15'19"E | 44.09'   |
| W45  | S77°46'15"E | 46.56'   |
| W46  | N81°23'22"E | 36.60'   |
| W47  | S08°20'20"W | 54.91'   |
| W48  | N40°21'00"W | 12.97'   |
| W49  | N18°51'43"E | 8.22'    |
| W50  | N79°32'13"W | 62.77'   |
| W51  | S09°28'05"W | 10.33'   |
| W52  | N81°52'29"W | 20.80'   |
| W53  | N11°44'33"W | 9.36'    |
| W54  | S47°13'28"W | 7.55'    |
| W55  | N52°35'43"W | 40.74'   |
| W56  | N69°36'05"W | 34.11'   |
| W57  | N10°29'03"W | 25.78'   |
| W58  | N56°55'14"W | 13.52'   |
| W59  | N03°28'18"E | 37.04'   |

| LINE | BEARING | DISTANCE |
|------|---------|----------|
| WC19 | 35.00'  | 16.35'   |
| WC20 | 15.00'  | 13.06'   |
| WC21 | 15.00'  | 23.20'   |
| WC22 | 70.00'  | 50.46'   |
| WC23 | 18.00'  | 8.36'    |
| WC24 | 20.00'  | 27.32'   |
| WC25 | 5.00'   | 7.68'    |
| WC26 | 68.00'  | 66.39'   |
| WC27 | 15.00'  | 27.39'   |
| WC28 | 30.00'  | 28.39'   |
| WC29 | 5.00'   | 8.15'    |
| WC30 | 12.00'  | 20.07'   |
| WC31 | 40.00'  | 22.63'   |
| WC32 | 5.00'   | 10.80'   |
| WC33 | 15.00'  | 11.79'   |
| WC34 | 15.00'  | 31.32'   |
| WC35 | 22.00'  | 33.44'   |
| WC36 | 10.00'  | 10.32'   |
| WC37 | 35.00'  | 28.37'   |

| CURVE | RADIUS | ARC LENGTH | DELTA ANGLE | CHORD BEARING | CHORD LENGTH | TANGENT |
|-------|--------|------------|-------------|---------------|--------------|---------|
| WC19  | 35.00' | 16.35'     | 26°45'56"   | N82°39'15"W   | 16.20'       | 8.33'   |
| WC20  | 15.00' | 13.06'     | 49°54'07"   | N31°18'18"W   | 12.66'       | 6.98'   |
| WC21  | 15.00' | 23.20'     | 88°38'04"   | S50°40'16"E   | 20.96'       | 14.65'  |
| WC22  | 70.00' | 50.46'     | 47°5'100"   | S71°03'49"E   | 56.78'       | 31.06'  |
| WC23  | 18.00' | 8.36'      | 26°36'41"   | S60°26'39"E   | 8.29'        | 4.26'   |
| WC24  | 20.00' | 27.32'     | 78°15'18"   | N87°30'43"E   | 25.24'       | 16.27'  |
| WC25  | 5.00'  | 7.68'      | 80°02'44"   | S31°17'55"E   | 6.98'        | 4.83'   |
| WC26  | 68.00' | 66.39'     | 64°07'52"   | S49°43'42"E   | 15.93'       | 9.40'   |
| WC27  | 15.00' | 27.39'     | 104°38'16"  | S49°37'56"E   | 23.74'       | 19.42'  |
| WC28  | 30.00' | 28.39'     | 54°12'44"   | N13°14'39"W   | 27.34'       | 15.36'  |
| WC29  | 5.00'  | 8.15'      | 53°23'56"   | N32°50'15"W   | 7.28'        | 5.31'   |
| WC30  | 12.00' | 20.07'     | 95°50'52"   | S58°00'36"W   | 17.81'       | 13.29'  |
| WC31  | 40.00' | 22.63'     | 32°25'02"   | N14°37'57"W   | 22.33'       | 11.63'  |
| WC32  | 5.00'  | 10.80'     | 123°48'35"  | S36°13'13"W   | 8.82'        | 9.37'   |
| WC33  | 15.00' | 11.79'     | 64°07'52"   | S49°43'42"E   | 15.93'       | 9.40'   |
| WC34  | 15.00' | 31.32'     | 121°55'54"  | N78°42'35"W   | 26.23'       | 27.02'  |
| WC35  | 22.00' | 33.44'     | 87°04'49"   | S03°51'53"W   | 30.31'       | 20.91'  |
| WC36  | 10.00' | 10.32'     | 59°07'02"   | S40°02'34"E   | 9.87'        | 5.67'   |
| WC37  | 35.00' | 28.37'     | 46°26'11"   | N33°42'08"W   | 27.60'       | 15.01'  |

| LINE | BEARING     | DISTANCE |
|------|-------------|----------|
| F55  | N03°28'18"E | 133.14'  |
| F56  | N08°41'55"E | 616.98'  |
| F57  | N89°01'16"E | 273.57'  |
| F58  | S21°09'00"E | 56.27'   |
| F59  | S22°05'10"E | 23.70'   |
| F60  | N86°37'41"E | 329.30'  |
| F61  | S08°13'38"E | 100.00'  |
| F62  | S13°33'19"E | 100.00'  |
| F63  | S13°33'19"E | 76.69'   |
| F64  | N87°46'27"W | 438.69'  |
| F65  | S08°20'20"W | 616.57'  |

**OWNER**  
 QUARTZ HILL III, LLC  
 4003 JENNINGS CHAPEL ROAD  
 BROOKVILLE, MD 20833  
 410-489-4630



THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

*T. Michael VanSant* 3/31/2014  
 T. MICHAEL VANSANT, Prof. L.S. NO. 21266 DATE

*Charles A. Sharp* 3/31/2014  
 CHARLES A. SHARP, QUARTZ HILL III, LLC OWNER DATE

**AREA TABULATION CHART**

a. Total number of lots and/or parcels to be recorded

- Buildable: 0
- Non-Buildable: 0
- Open Space: 0
- Preservation Parcels: 1

b. Total area of lots and/or parcels

- Buildable: 0.0000 Ac.±
- Non-Buildable: 0
- Open Space: 0
- Preservation Parcels: 13.2753 Ac.±

c. Total area of roadway to be recorded including widening strips: 0 Ac.±

d. Total area of subdivision to be recorded: 13.2753 Ac.±

**APPROVED**  
 HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Paul Chisholm* 4-28-14  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*Kate Sanderson* 4-29-14  
 DIRECTOR DATE

**APPROVED**  
 FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT

*William J. Davis* 4/21/14  
 HOWARD COUNTY HEALTH OFFICER DATE

**OWNER'S CERTIFICATE**

WE, QUARTZ HILL III, LLC, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OR RIGHT-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

WITNESS OUR HANDS THIS 31<sup>ST</sup> DAY OF March, 2014.

QUARTZ HILL III, LLC

*Charles A. Sharp*  
 CHARLES A. SHARP, MANAGING MEMBER

*Deborah K. VanSant*  
 WITNESS

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED FEBRUARY 1, 2008 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 11072 AT FOLIO 664 AND ALL OF THE LANDS CONVEYED BY STATE HIGHWAY ADMINISTRATION OF THE DEPARTMENT OF TRANSPORTATION, ON BEHALF OF THE STATE OF MARYLAND UNTO QUARTZ HILL III, LLC, A MARYLAND LIMITED LIABILITY COMPANY BY DEED DATED DECEMBER 23, 2005 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 9801 AT FOLIO 502; AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED.

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21266, EXPIRATION DATE SEPTEMBER 9, 2015, IN ACCORDANCE WITH COMAR 09.13.06.12

*T. Michael VanSant* 3/31/2014  
 T. MICHAEL VANSANT, Prof. L.S. #21266 DATE

RECORDED AS PLAT NO. 2014-0114 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.

**FINAL SUBDIVISION PLAT**  
 LOTS 1-7, BUILDABLE PRESERVATION PARCEL A,  
 AND QUARTZ HILL III FOREST MITIGATION BANK  
**QUARTZ HILL III**

LIBER 9801 AT FOLIO 502  
 LIBER 11072 AT FOLIO 664

TAX MAP: 8  
 GRID NO: 11  
 PARCEL NO: 401

ELECTION DISTRICT: No. 4  
 HOWARD COUNTY, MARYLAND  
 EX. ZONING: RC-DEO

SCALE: 1"=100'  
 DATE: MARCH, 2013  
 SHEET 3 OF 3

**VANMAR ASSOCIATES, INC.**  
 Engineers Surveyors Planners  
 310 South Main Street Mount Airy, Maryland 21771  
 (301) 829-2890 (301) 831-5015 (410) 549-2751  
 Fax (301) 831-5603 ©Copyright, Latest Date Shown

County File # F-13-070

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