

SHEET INDEX	
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1	TITLE SHEET
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MINIMUM LOT SIZE CHART			
LOT No.	GROSS AREA S.F.	PIPESTEM AREA S.F.	MINIMUM LOT SIZE S.F.
4	59,841	3,033	56,808
5	53,191	5,134	48,057
8	49,736	1,402	48,334
9	48,998	2,869	46,129
10	53,963	4,158	49,805

ROADWAY INFORMATION CHART			
ROAD NAME	CLASSIFICATION	DESIGN SPEED	R/W WIDTH
ROAD 'A'	PUBLIC ACCESS PLACE	30 MPH	40'

TRAFFIC CONTROL SIGNS				
ROAD NAME	CENTERLINE STA.	OFFSET	POSTED SIGN	SIGN CODE
ROAD 'A'	0+56	28' L	STOP	R1-1
ROAD 'A'	2+00	12' R	SPEED LIMIT 25	R2-1
ROAD 'A'	2+75	12' L	STOP AHEAD	W3-18

NOTE: SIGN POSTS: ALL SIGN POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED SQUARE TUBE POST (4 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED SQUARE TUBE SLEEVE (2 GAUGE) - 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.

NITROGEN BALANCE FORM

EQUATION FOR ANALYZING NITROGEN BALANCE FOR SEWAGE DISCHARGE

$$FORMULA: W = (4.43C + a(P - ET) - cP) / ((y - a) - (y - d) - n)$$

Where:

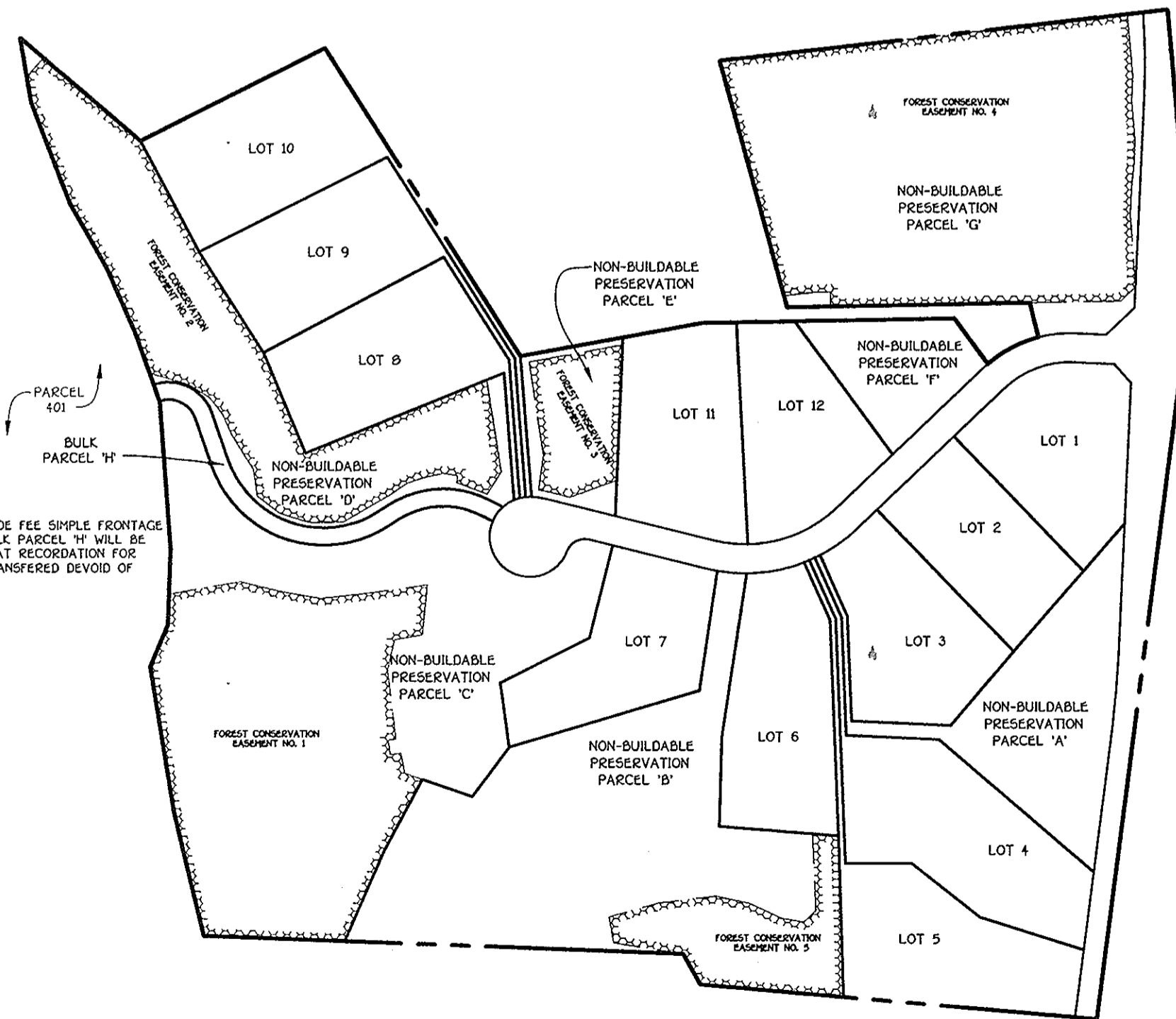
- W = allowable wastewater loading (inch/year)
- C = removal of nitrogen by vegetation (lb/acre-year) = 0
- a = allowable nitrogen concentration in ground water (mg/l) = 10
- P = infiltration due to precipitation (inch/year) = 15
- ET = potential evaporation (inch/year) = 0
- c = concentration of nitrogen in precipitation (mg/l) = 0.5
- y = concentration of nitrogen in wastewater (mg/l) = 60
- d = fraction of nitrogen denitrified = 0
- n = fraction of nitrogen volatilized as ammonia = 0

Solution: $W = (4.43(0) + 10(15 - 0) - 0.5(15)) / ((60 - 10) - 60(0 - 0))$
 $W = 2.85$ inches per year

Allowable Daily Application Rate:

$$((2.85 \text{ in/yr} \times 12 \text{ in/ft}) \times 13 \text{ acres} \times 43,560 \text{ sf/acre}) \div (7.48 \text{ gal/cf}) \div 365 \text{ days/yr} = 2756 \text{ gal/day}$$

Drainage Area A Only



PLAN VIEW
NO SCALE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

Peter Belesen
COUNTY HEALTH OFFICER
DATE: 9/28/07

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

Paula S. Cougle
PLANNING DIRECTOR
DATE: 1/14/07

OWNER / DEVELOPER

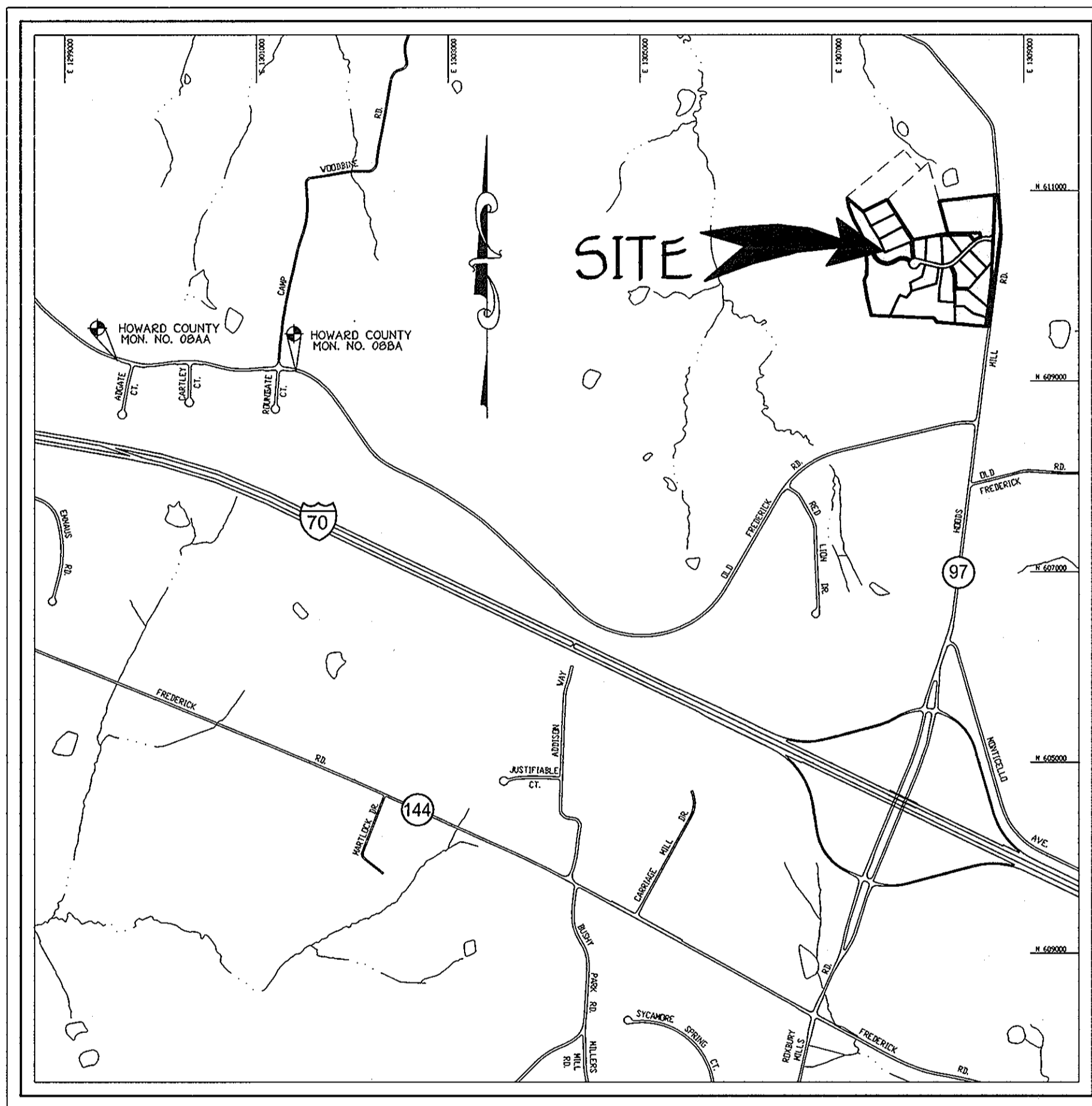
QUARTZ HILL, LLC
c/o PALTE HOME CORPORATION
1501 S. EDENWOOD STREET
BALTIMORE, MARYLAND 21227
(410) 644-5603

PRELIMINARY PLAN & PERCOLATION CERTIFICATION PLAN QUARTZ HILL ESTATES

LOTS 1 THRU 12, NON-BUILDABLE PRESERVATION PARCELS 'A' THRU 'G' & BULK PARCEL 'H'

ZONING: RC-DEO

TAX MAP No. 8 GRID No. 5 PARCEL No: P/O 33 AND 32



VICINITY MAP
SCALE: 1" = 1200'

FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DENSITY TABULATIONS

- BASE DENSITY: 35.72 ACRES / 4.25 ± 0.4 UNITS OR 0 SINGLE FAMILY DETACHED HOMES
- MAXIMUM DENSITY (1 LOT PER 2 NET ACRES): 35.68 ACRES / 2 ± 17 UNITS
- TOTAL NUMBER OF PROPOSED DWELLING UNITS = 12
- DEVELOPMENT RIGHTS WILL BE REPORTED TO THIS SUBDIVISION PURSUANT TO THE CEO DENSITY TRANSFER PROVISION OF SECTION 106 OF THE ZONING REGULATIONS.
- THE SENDING PARCEL FOR THE CEO DENSITY TRANSFER UNITS WILL BE DETERMINED AT FINAL PLAN STAGE.

GENERAL NOTES

- AS A CONSEQUENCE OF ITS SUBMISSION FOR COUNTY REVIEW PRIOR TO NOVEMBER 15, 2001, THIS PLAN IS SUBJECT TO COMPLIANCE WITH THE FOURTH EDITION OF THE SUBDIVISION REGULATIONS. IN ADDITION, BECAUSE IT DID NOT HAVE PRELIMINARY PLAN APPROVAL PRIOR TO NOVEMBER 1, 2001, IT IS SUBJECT TO COMPLIANCE WITH COUNTY COUNCIL BILL 50-2001 WHICH AMENDS PORTIONS OF THE 1993 ZONING REGULATIONS.
- SUBJECT PROPERTY ZONED RC-DEO PER THE 2004 ZONING REGULATIONS.
- AREA TABULATION:
 - GROSS AREA OF TRACT = 35.72 AC.
 - AREA OF FLOODPLAIN = 0.00 AC.
 - AREA OF 25% OR GREATER SLOPES = 0.04 AC.
 - NET AREA OF TRACT = 35.68 AC.
 - AREA OF PROPOSED ROAD R/W = 2.57 AC.
 - AREA OF PROPOSED BUILDABLE LOTS = 13.22 AC.
 - AREA OF PROPOSED BUILDABLE PRESERVATION PARCEL = 0.00 AC.
 - AREA OF PROPOSED NON-BUILDABLE PRESERVATION PARCELS = 19.71 AC.
 - AREA OF PROPOSED BULK PARCELS = 0.32 AC.
- NUMBER OF LOTS PROPOSED:
 - BUILDABLE = 12
 - BUILDABLE PRESERVATION PARCELS = 0
 - NON-BUILDABLE PRESERVATION PARCELS = 7
 - BULK PARCELS = 1
- PREVIOUS HOWARD COUNTY CASE NUMBERS ASSOCIATED WITH THIS PROJECT: 5-01-038
- PRIVATE WATER AND SEWER SHALL BE UTILIZED WITHIN THIS DEVELOPMENT.
- SOILS INFORMATION TAKEN FROM SOIL MAP No. 3, SOIL SURVEY, HOWARD COUNTY, MARYLAND, JULY, 1988 ISSUE.
- THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENT 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 AUTHORITY TO GRANT VARIANCES FOR ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY PERFORMED BY VANHAR & ASSOCIATES, INC. DATED JUNE, 2001 AND VERIFIED BY FISHER, COLLINS & CARTER, INC. DATED MARCH 2002.
- TOPOGRAPHIC CONTOURS BASED ON AERIAL BY POTOMAC AERIAL SURVEYS AND FIELD VERIFIED BY VANHAR ASSOC., INC.
- A NOISE STUDY FOR THIS PROJECT WAS PREPARED BY WILDMAN ENVIRONMENTAL SERVICES DATED APRIL, 2001 AND APPROVED UNDER 5-01-038 DATED 5-22-02. AN AMENDED STUDY WAS PREPARED BY MARS GROUP, INC. DATED MARCH, 2007.
- STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY AND MARYLAND 370 SPECIFICATIONS. THE PROPOSED STORMWATER MANAGEMENT FOR THIS SITE IS WATER QUALITY AND IS PROVIDED IN EACH FACILITY ALONG WITH A COMBINATION OF PRIVATE INFILTRATION TRENCHES.
 - B.M.P. NO. 1 (socket pond) IS PRIVATELY OWNED AND MAINTAINED BY H.O.A.
 - B.M.P. NO. 2 (socket pond) IS PRIVATELY OWNED AND MAINTAINED BY H.O.A.
 - B.M.P. NO. 3 (micro-tunnel extended detention) IS PRIVATELY OWNED AND MAINTAINED BY H.O.A.
- AS PER SECTION 104.F.4.b OF THE ZONING REGULATIONS, ONLY ONE EASEMENT HOLDER IS REQUIRED FOR PRESERVATION PARCELS DESIGNATED SOLELY FOR SWM FACILITIES OR COMMUNITY SEWERAGE DISPOSAL SYSTEMS.
 - NON-BUILDABLE PRESERVATION PARCEL 'A' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDER: HOWARD COUNTY, MARYLAND USE: SWM & ENVIRONMENTAL PROTECTION
 - NON-BUILDABLE PRESERVATION PARCEL 'B' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDER: HOWARD COUNTY, MARYLAND USE: SHARED SEPTIC SYSTEM (TO BE PUBLICLY MAINTAINED)
 - NON-BUILDABLE PRESERVATION PARCEL 'C' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDERS: HOWARD COUNTY, MARYLAND AND HOWARD COUNTY CONSERVANCY USE: SWM & ENVIRONMENTAL PROTECTION
 - NON-BUILDABLE PRESERVATION PARCEL 'D' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDERS: HOWARD COUNTY, MARYLAND AND HOWARD COUNTY CONSERVANCY USE: ENVIRONMENTAL PROTECTION
 - NON-BUILDABLE PRESERVATION PARCEL 'E' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDERS: HOWARD COUNTY, MARYLAND AND HOWARD COUNTY CONSERVANCY USE: ENVIRONMENTAL PROTECTION
 - NON-BUILDABLE PRESERVATION PARCEL 'F' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDER: HOWARD COUNTY, MARYLAND USE: SWM
 - NON-BUILDABLE PRESERVATION PARCEL 'G' OWNED: HOMEOWNER'S ASSOCIATION EASEMENT HOLDERS: HOWARD COUNTY, MARYLAND AND HOWARD COUNTY CONSERVANCY USE: ENVIRONMENTAL PROTECTION
- THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY STREET TRAFFIC STUDIES, LTD. IN JUNE, 2001 AND APPROVED UNDER 5-01-038 DATED 5-22-02.
- THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY GTA DATED JANUARY 2007.
- THE FOREST STAND DELINEATION AND WETLAND DELINEATION FOR THIS PROJECT WAS PREPARED BY VANHAR ASSOCIATES, INC. DATED JUNE, 2001 AND APPROVED UNDER 5-01-038. WITHIN THIS REPORT, IT IS STATED THAT NO RARE, THREATENED OR ENDANGERED SPECIES AND/OR THEIR HABITAT EXISTS ON-SITE.
- THIS PROPERTY IS LOCATED OUTSIDE OF THE METROPOLITAN DISTRICT.
- 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 R/W LINE AND NOT THE PIPESTEM LOT DRIVEWAY.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM, HOWARD COUNTY HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
HOWARD COUNTY MONUMENT NO. 08AA N 609,214.9889 E 1,299,547.5360
HOWARD COUNTY MONUMENT NO. 08BA N 609,098.5311 E 1,301,491.0270
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE STREAM, THEIR REQUIRED BUFFERS OR THE PROPOSED FOREST CONSERVATION EASEMENT AREAS. NO WETLANDS OR FLOODPLAIN ARE LOCATED ON THIS PROPERTY.
- THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.020 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE FULFILLED BY PROVIDING 11.30 AC. OF FOREST RETENTION IN FOREST CONSERVATION EASEMENTS.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL EXISTING WELLS AND SEPTIC FIELDS WITHIN 100 FEET OF SUBJECT PROPERTY HAVE BEEN SHOWN.
- GROUND WATER APPROPRIATIONS PERMIT HAS BEEN APPLIED FOR WITH HDE.
- WELLS SHALL BE DRILLED ON LOTS PRIOR TO RECORDDATION OF THE FINAL RECORD PLAT. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- LANDSCAPING AND STREET TREES FOR THIS SUBDIVISION WILL BE PROVIDED ON THE FINAL PLANS IN ACCORDANCE WITH SECTION 16.021 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE HOWARD COUNTY LANDSCAPE MANUAL AND WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT.
- LOTS 1-3, 8, 9, & 12: 16 DWELLINGS ARE TO BE SERVED BY A PUBLIC SHARED SEPTIC FACILITY LOCATED ON NON-BUILDABLE PRESERVATION PARCEL 'D'.
- AS A RESULT OF THE NITROGEN BALANCE ANALYSIS, TWO LOTS HAVE BEEN DELETED FROM THE ORIGINAL SKETCH PLAN 5-01-038 AND ALSO FROM THE PREVIOUS PERC TEST CERTIFICATION PLAN APPROVED BY THE HEALTH OFFICER DATED JAN. 26, 2006.
- AS PER SECTION 16.021 PUBLIC SITES AND OPEN SPACE, PARAGRAPH 6(b)(2), NO OPEN SPACE IS REQUIRED AS THE PRESERVATION PARCEL 'D' IS BEING REDEDICATED TO THE QUARTZ HILL HOMEOWNER'S ASSOCIATION NO RECREATIONAL OPEN SPACE IS REQUIRED.
- CONSOLIDATION PARCEL 'C': 4.274 SQ.FT. OR 0.0981 AC., L. 5999 F. 423 DATED JAN. 3, 2002 CONSOLIDATED WITH HANEY PROPERTY FOR PURPOSES OF ACCESS.
CONSOLIDATION PARCEL 'D': 4.274 SQ.FT. OR 0.0981 AC., L. 5999 F. 402 DATED JAN. 3, 2002 CONSOLIDATED WITH QUARTZ HILL, LLC. IN EXCHANGE FOR PARCEL 'C'.
- THE OWNER QUARTZ HILL, LLC WILL CAUSE THE EXISTING HANEY DRIVEWAY ENTRANCE TO BE REMOVED SIMULTANEOUSLY WITH THE CONSTRUCTION OF A NEW DRIVEWAY ENTRANCE (OR EQUAL) TO OR BETTER PAVING STANDARDS ONTO THE PROPOSED PUBLIC ACCESS PLACE. AN AGREEMENT HAS BEEN EXECUTED BETWEEN THE QUARTZ HILL, LLC AND QUARTZ HILL, LLC DOCUMENTING THE TRIM, EXTENT AND RESPONSIBILITY FOR THE REMOVAL OF THE EXISTING DRIVEWAY. THE DEED OF REFERENCE IS L. 5999 F. 402 DATED JAN. 3, 2002.
- LOCATED IN THE SAME DRAINAGE AREA, LOTS 1-3, 6-9 AND 12 WILL REQUIRE THE NUMBER OF BEDROOMS FOR EACH LOT TO BE RESTRICTED, BASED ON DESIGN STANDARDS PROVIDED BY MARYLAND DEPARTMENT OF THE ENVIRONMENT AND HOWARD COUNTY HEALTH DEPARTMENT, THE 5,000 GPD DESIGN THRESHOLD FOR BOTH THE DRAINAGE AREA AND SHARED SEPTIC WILL REQUIRE 7 OF THE LOTS TO HAVE NO MORE THAN 4 BEDROOMS, THE 8TH LOT TO HAVE NO MORE THAN 3 BEDROOMS. THE TOTAL FLOW FOR THE DRAINAGE AREA IS CALCULATED AS TOTAL NUMBER OF BEDROOMS (33) MULTIPLIED BY 150 GALLONS PER BEDROOM EQUALING 4,950 GPD THIS IS LESS THAN THE 5,000 GPD DESIGN FLOW LIMIT FOR WHICH AN HDE PERMIT WOULD BE REQUIRED.
- NO CEMETERIES OR HISTORIC SITES ARE LOCATED ON THIS PROPERTY.
- THERE ARE NO STEEP SLOPES OF 25% OR GREATER ON-SITE WITH A CONTIGUOUS AREA OF 20,000 SQ.FT. OR MORE.
- THERE ARE NO STEEP SLOPES OF 25% OR GREATER ON-SITE WITH A CONTIGUOUS AREA OF 20,000 SQ.FT. OR MORE. THIS SEPTIC AREA IS ACCEPTABLE SINCE THIS FACILITY WILL BE A DRY POND. THE TYPICAL MICRO-POOL DESIGN IS SETUP FOR A WET POND ZONE. HOWEVER, FOR THIS SIZE DRAINAGE AREA AND LACK OF GROUNDWATER IN BODIES 8-10 THRU D-15, THIS FACILITY MAY ONLY BE WET DURING PERIODS OF HEAVY RAINFALL. OTHERWISE IT WILL REMAIN A DRY POND.
- THE 50' SETBACK FROM THE SEPTIC RESERVE AREA ON LOT 7 TO THE SWM POND NO. 3 LOCATED DOWNGRADE OF THIS SEPTIC AREA IS ACCEPTABLE.

TITLE SHEET
PRELIMINARY PLAN & PERCOLATION CERTIFICATION PLAN
QUARTZ HILL ESTATES
LOTS 1 THRU 12, NON-BUILDABLE PRESERVATION PARCELS 'A' THRU 'G' & BULK PARCEL 'H'

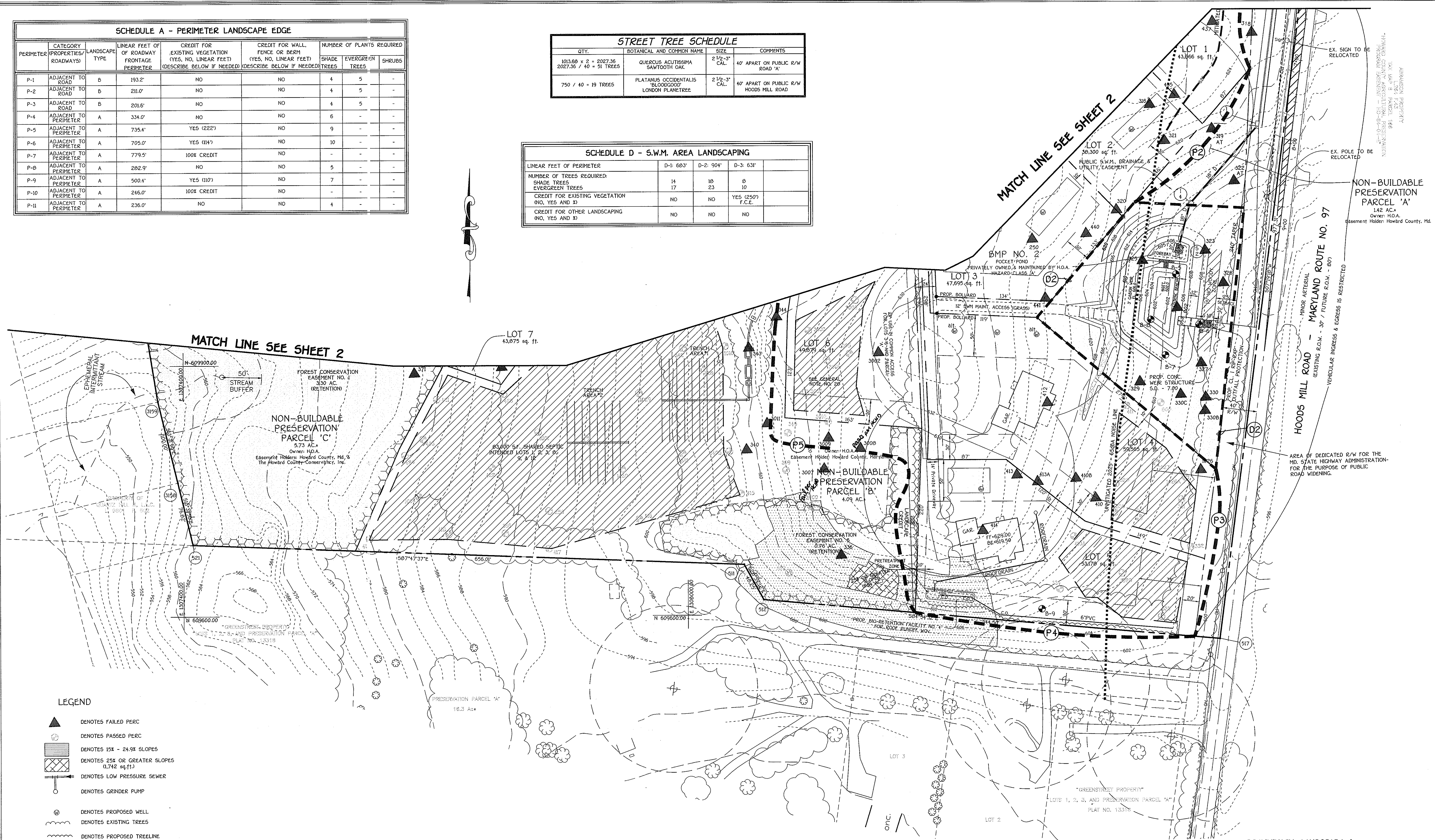
ZONED: RC-DEO
TAX MAP No. 8 GRID No. 5 PARCEL No: P/O 33 AND 32
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST, 2007
SHEET 1 OF 7



SCHEDULE A - PERIMETER LANDSCAPE EDGE								
PERIMETER	CATEGORY (PROPERTIES/ROADWAYS)	LANDSCAPE TYPE	LINEAR FEET OF ROADWAY FRONTAGE PERIMETER	CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	SHADE TREES	EVERGREEN TREES	SHRUBS
P-1	ADJACENT TO ROAD	B	193.2'	NO	NO	4	5	-
P-2	ADJACENT TO ROAD	B	211.0'	NO	NO	4	5	-
P-3	ADJACENT TO ROAD	B	201.6'	NO	NO	4	5	-
P-4	ADJACENT TO PERIMETER	A	334.0'	NO	NO	6	-	-
P-5	ADJACENT TO PERIMETER	A	735.4'	YES (222')	NO	9	-	-
P-6	ADJACENT TO PERIMETER	A	705.0'	YES (114')	NO	10	-	-
P-7	ADJACENT TO PERIMETER	A	779.5'	100% CREDIT	NO	-	-	-
P-8	ADJACENT TO PERIMETER	A	282.9'	NO	NO	5	-	-
P-9	ADJACENT TO PERIMETER	A	500.4'	YES (110')	NO	7	-	-
P-10	ADJACENT TO PERIMETER	A	245.0'	100% CREDIT	NO	-	-	-
P-11	ADJACENT TO PERIMETER	A	236.0'	NO	NO	4	-	-

STREET TREE SCHEDULE			
QTY.	BOTANICAL AND COMMON NAME	SIZE	COMMENTS
1013.69 x 2 = 2027.38 2027.38 / 40 = 51 TREES	QUERCUS ACUTISSIMA SAWTOOTH OAK	2 1/2"-3" CAL.	40' APART ON PUBLIC R/W ROAD 'A'
750 / 40 = 19 TREES	PLATANUS OCCIDENTALIS "BLOODGOOD" LONDON PLANETREE	2 1/2"-3" CAL.	40' APART ON PUBLIC R/W HOODS HILL ROAD

SCHEDULE D - S.W.M. AREA LANDSCAPING				
LINEAR FEET OF PERIMETER	D-1: 683'	D-2: 904'	D-3: 631'	
NUMBER OF TREES REQUIRED:				
SHADE TREES	14	18	8	
EVERGREEN TREES	17	23	10	
CREDIT FOR EXISTING VEGETATION (NO, YES AND X)	NO	NO	YES (250') F.C.E.	
CREDIT FOR OTHER LANDSCAPING (NO, YES AND X)	NO	NO	NO	



- LEGEND**
- ▲ DENOTES FAILED PERC
 - DENOTES PASSED PERC
 - ▨ DENOTES 15% - 24.9% SLOPES
 - ▩ DENOTES 25% OR GREATER SLOPES (0.742 sq.ft.)
 - DENOTES LOW PRESSURE SEWER
 - ⊙ DENOTES GRINDER PUMP
 - ⊙ DENOTES PROPOSED WELL
 - ⊙ DENOTES EXISTING TREES
 - ⊙ DENOTES PROPOSED TREELINE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.

William Peter Beilenson 9/28/07
COUNTY HEALTH OFFICER DATE

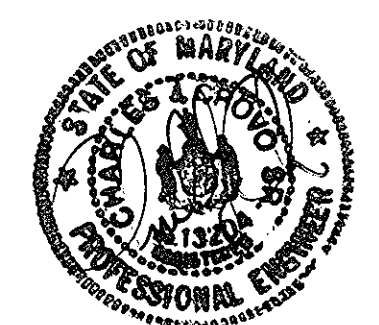
TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

David A. Dyer 1/1/02
PLANNING DIRECTOR DATE

OWNER / DEVELOPER

QUARTZ HILL, LLC
c/o PULTE HOME CORPORATION
1501 S. EDGEWOOD STREET
BALTIMORE, MARYLAND 21227
410.644.5603

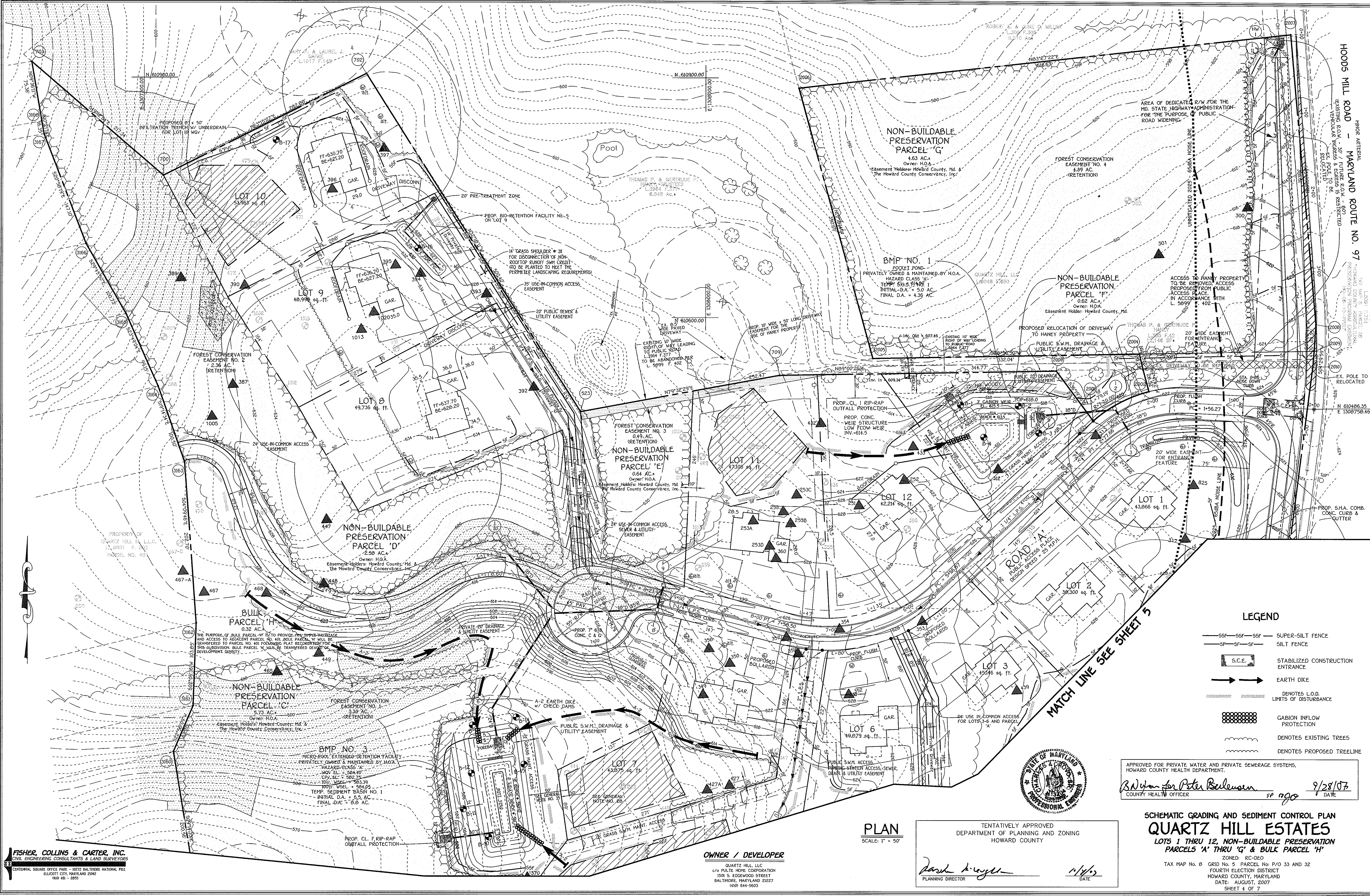
PLAN
SCALE: 1" = 50'



PRELIMINARY, LANDSCAPE & PERCOLATION CERTIFICATION PLAN
QUARTZ HILL ESTATES
LOTS 1 THRU 12, NON-BUILDABLE PRESERVATION PARCELS 'A' THRU 'C' & BULK PARCEL 'H'

ZONED: RC-DEO
TAX MAP No. 8 GRID No. 5 PARCEL No. P/O 33 AND 32
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
DATE: AUGUST, 2007
SHEET 3 OF 7

HOODS MILL ROAD - MARYLAND ROUTE NO. 97
 MINOR ARTERIAL
 EXISTING P.O.M. - 30' / FUTURE R.O.M. - 60'
 EXISTING VEHICULAR INTERSECTIONS & CROSSINGS TO BE RELOCATED
 EX. POLE TO BE RELOCATED



LEGEND

—Sf—Sf—Sf—	SUPER-SILT FENCE
—Sf—Sf—Sf—	SILT FENCE
[Symbol]	STABILIZED CONSTRUCTION ENTRANCE
[Symbol]	EARTH DIKE
[Symbol]	Denotes L.O.D. LIMITS OF DISTURBANCE
[Symbol]	GABION INFLOW PROTECTION
[Symbol]	Denotes EXISTING TREES
[Symbol]	Denotes PROPOSED TREELINE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
Brian for Peter Belemson 9/28/07
 COUNTY HEALTH OFFICER DATE

SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN
QUARTZ HILL ESTATES
LOTS 1 THRU 12, NON-BUILDABLE PRESERVATION
PARCELS 'A' THRU 'G' & BULK PARCEL 'H'
 ZONED: RC-DEO
 TAX MAP No. 8 GRID No. 5 PARCEL No: P/O 33 AND 32
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DATE: AUGUST, 2007
 SHEET 4 OF 7

PLAN
 SCALE: 1" = 50'

TENTATIVELY APPROVED
 DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY

Dan H. ...
 PLANNING DIRECTOR DATE: 11/4/07

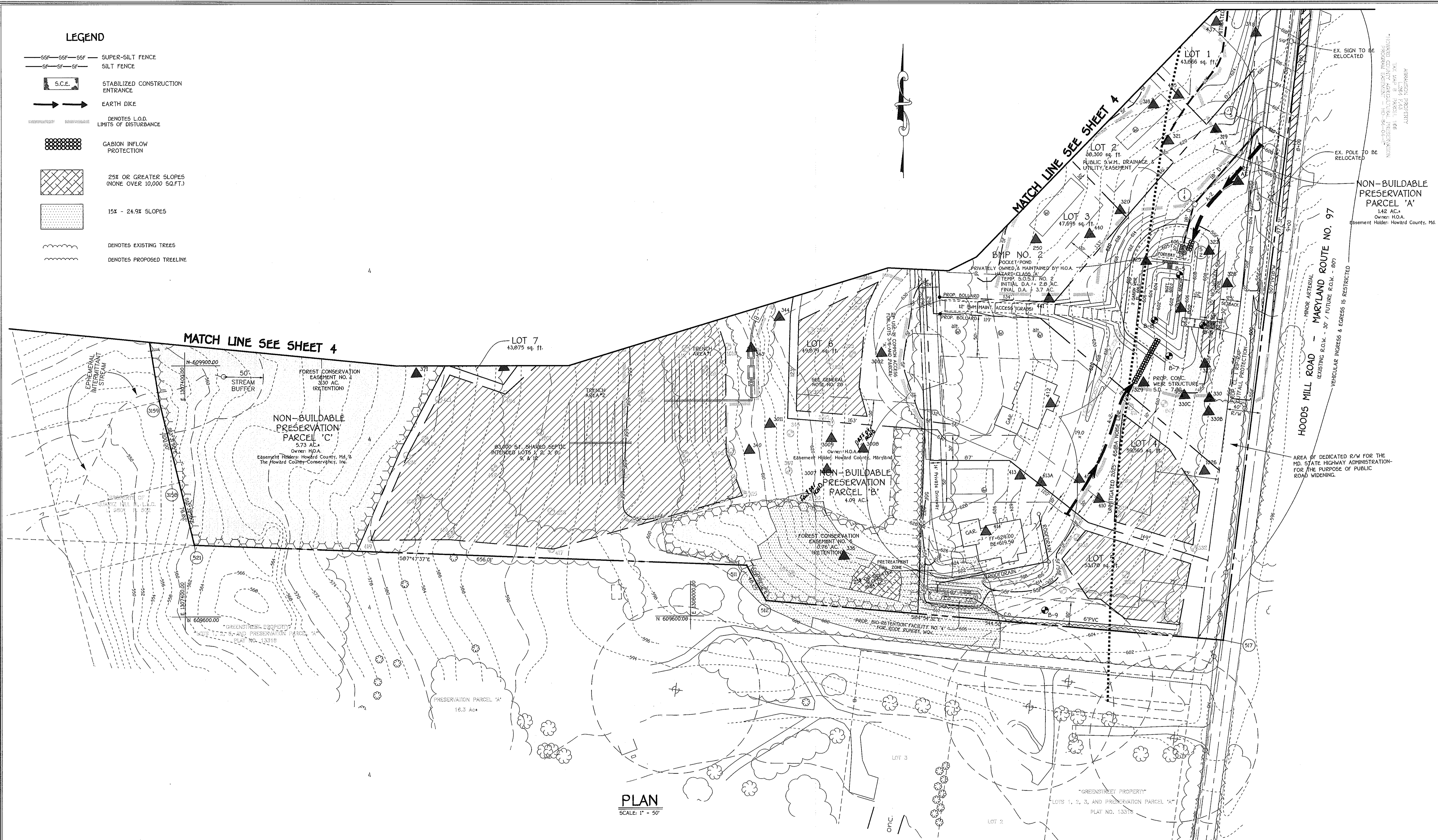
OWNER / DEVELOPER
 QUARTZ HILL, LLC
 c/o RULIE HOME CORPORATION
 1501 S. EDGEWOOD STREET
 BALTIMORE, MARYLAND 21227
 (410) 644-5603

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CONFIDENTIAL SOURCE OFFICE FASE - 10732 MALTWOOD NATIONAL PARK
 ELLICOTT CITY, MARYLAND 21042
 (410) 481 - 2899

2013/07/27 QUARTZ HILL (REVISED) PRELIMINARY PARCH 2007/10/27 sheet 4 of 5 GRADING plan.dwg, 111

LEGEND

- SSF—SSF—SSF— SUPER-SILT FENCE
- SF—SF—SF— SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- EARTH DIKE
- DENOTES L.O.D. LIMITS OF DISTURBANCE
- GABION INFLOW PROTECTION
- 25% OR GREATER SLOPES (NONE OVER 10,000 SQ.FT.)
- 15% - 24.9% SLOPES
- DENOTES EXISTING TREES
- DENOTES PROPOSED TREELINE



PLAN
SCALE: 1" = 50'

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2855

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Balinton Peter Bilenson 9/28/07
COUNTY HEALTH OFFICER DATE

TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY
Rand Luger 10/8/07
PLANNING DIRECTOR DATE

OWNER / DEVELOPER
QUARTZ HILL, LLC
C/O PULTE HOME CORPORATION
1501 S. EDGEWOOD STREET
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SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN
QUARTZ HILL ESTATES
LOTS 1 THRU 12, NON-BUILDABLE PRESERVATION
PARCELS 'A' THRU 'G' & BULK PARCEL 'H'
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SHEET 5 OF 7

