



ORIGINAL NOTES (PA) 1/21/04
APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AM 519617

AGENCY REVIEW: _____ DATE 10/14/03

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH UNKNOWN PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) MR. THEODORE L. MARIANI

DAYTIME PHONE: (202) 824-8141 CELL _____ FAX _____

MAILING ADDRESS #16449 ED WARFIELD ROAD WOODBINE MD. 21797-7805
STREET CITY/TOWN STATE ZIP

APPLICANT MARK L. ROBEL
% FISHER, COLLINS & CARTER, INC.

DAYTIME PHONE (410) 961-2855 CELL _____ FAX (410) 750-3784

MAILING ADDRESS 10272 BALTIMORE NATIONAL PIKE ELLCOTT CITY MD. 21042
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION "THE MARIANI PROPERTY"
SUBDIVISION/PROPERTY NAME (3,200' E WEST OF PHEASANT RIDGE COURT) LOT NO. 2

PROPERTY ADDRESS #16449 ED WARFIELD ROAD WOODBINE
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 13 GRID 23 PARCEL(S) 277 PROPOSED LOT SIZE 1 ACRE ±

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

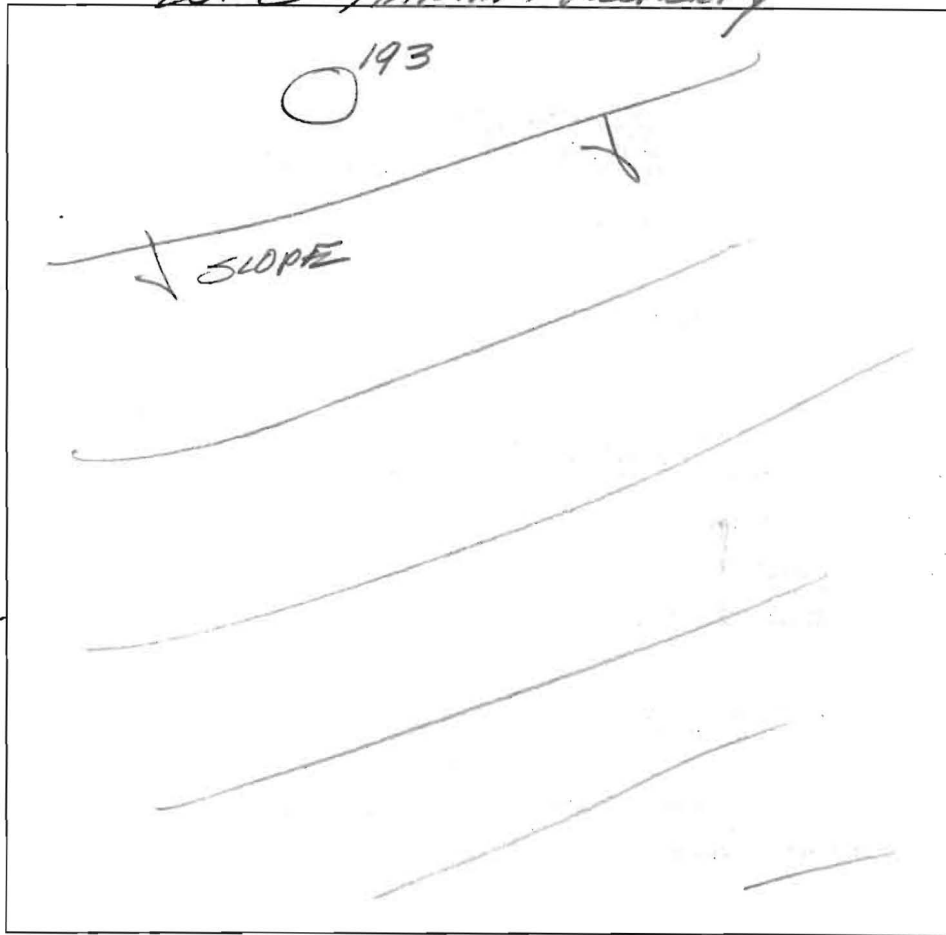
TEST RESULTS WILL BE MAILED TO APPLICANT. Mark L. Robel
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLCOTT MILLS DRIVE, ELLCOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

LOT 2 - MARIANI PROPERTY

A/P

193
 Brown Loam 8"
 Yellow Si Clay Loam 3 1/2"
 Yellow Brown Si Loam
 Red Siloam 13 1/2"



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
2/2/04	193	4 1/2' / 13 1/2'	2 57	3 06	3 17	11 min	F

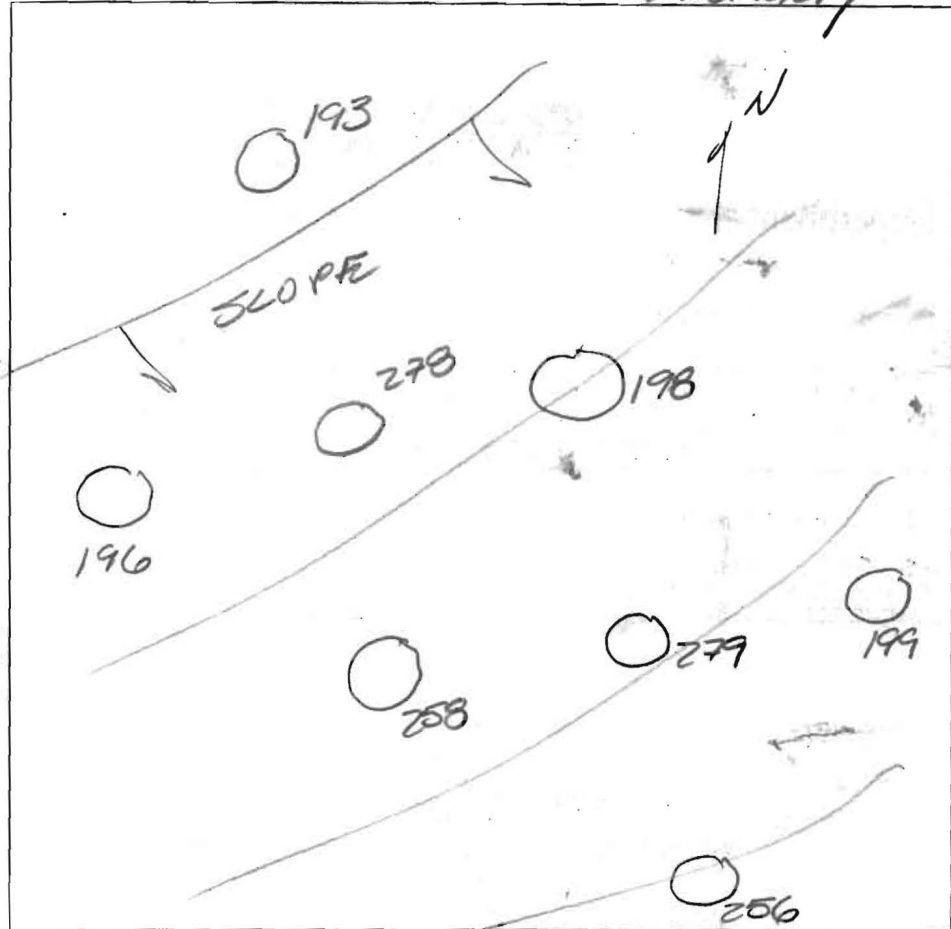
REMARKS _____
 SANITARIAN FA BACKHOE Olin Jr. OTHERS Olin Jr.
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

LOT 2 - MARIANI PROPERTY

A/P 256
 Brown Loam 8"
 Brown Silty Clay Loam 2'
 Yellow Brown Silty Clay Loam 7 1/2"
 Red Red Brown Silty Loam 13'
 15% mica schist rock

199
 Brown Loam 8"
 Brown Silty Clay Loam 2'
 Yellow Brown Silty Clay Loam 7 1/2"
 Red Silty Loam 13'
 15% mica rock

198
 Brown Loam 8"
 Brown Silty Clay Loam 4 1/2"
 Red Silty Loam 13'
 Yellow Brown Silty Loam 13'



258
 Brown Loam 1'
 Yellow Brown Silty Clay Loam 5'
 Yellow Brown Silty Loam 13 1/2"
 Red Silty Loam

196
 Brown Loam 8"
 Yellow Clay Loam 3 1/2"
 Yellow Brown Silty Loam 13'
 Red Silty Loam

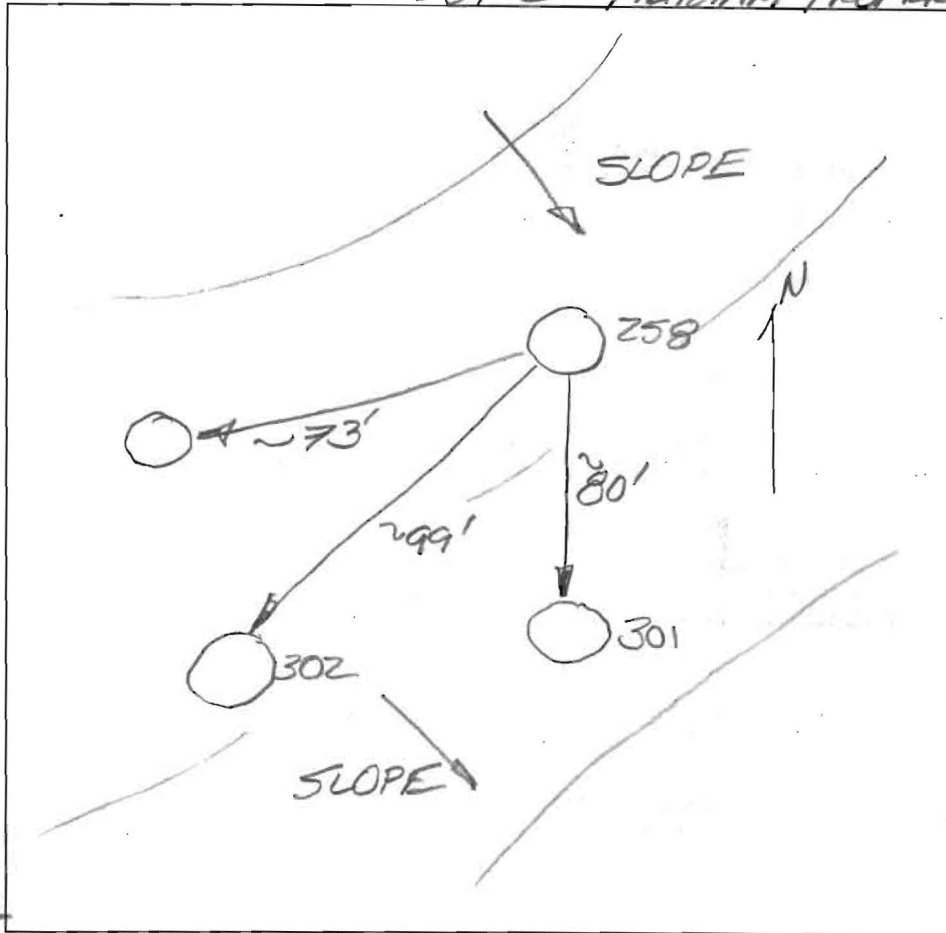
278
 Brown Loam 8"
 Yellow Clay Loam 4'
 Red Silty Loam 13'
 5-15% mica schist rock

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
1/21/04	256	8 1/2' / 13'	1:44	1:58	2:17	19min	
	199	CLAY LAYER TOO DEEP FOR TRENCHES - NOT TESTED					
	198	4 1/2' / 11 1/2'	2:10	2:24	2:45	21min	P
	258	5 1/2' / 13 1/2'	2:24	2:30	2:38	8min	P
	196	4 1/2' / 13'	2:28	2:45	3:03	18min	P
	193	4 1/2' / 13 1/2'	2:57	3:06	3:17	11min	P
	278	5' / 13'	2:55	3:03	3:10	7min	P
1/21/04	279	DUG BY Olin Ketterman on 1/21/04 - DEEP CLAY - NOT TESTED					

REMARKS _____
 SANITARIAN FA BACKHOE Olin J OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

LOT 2 MAIZIANI PROPERTY

A/P
300
Brown Loam 11'
Yellow Silty Clay Loam 9'
Yellow Browns Silty loam
Silty loam 1590 Rock



301
Brown Loam 1'
Yellow Silty Clay Loam 8 1/2'
Yellow Red Silty loam
Silty loam 1590
Chert
Schist 12 1/2'

302
Brown Loam 1'
Yellow Brown Silty loam 1 1/2'
Red Yellow Silty loam
Silty loam 1590
Chert
Schist

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
1/23/04	300	5' / 13'	11:40	11:47	11:57	10 min	P
	301	5 1/2' / 12 1/2'	11:45	11:48	11:54	6 min	P
	302	5 1/2' / 12 1/2'	12:00	12:04	12:11	7 min	P

REMARKS _____
 SANITARIAN FA BACKHOE Olin Jr. OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

PERC CERTIFICATION NOTES

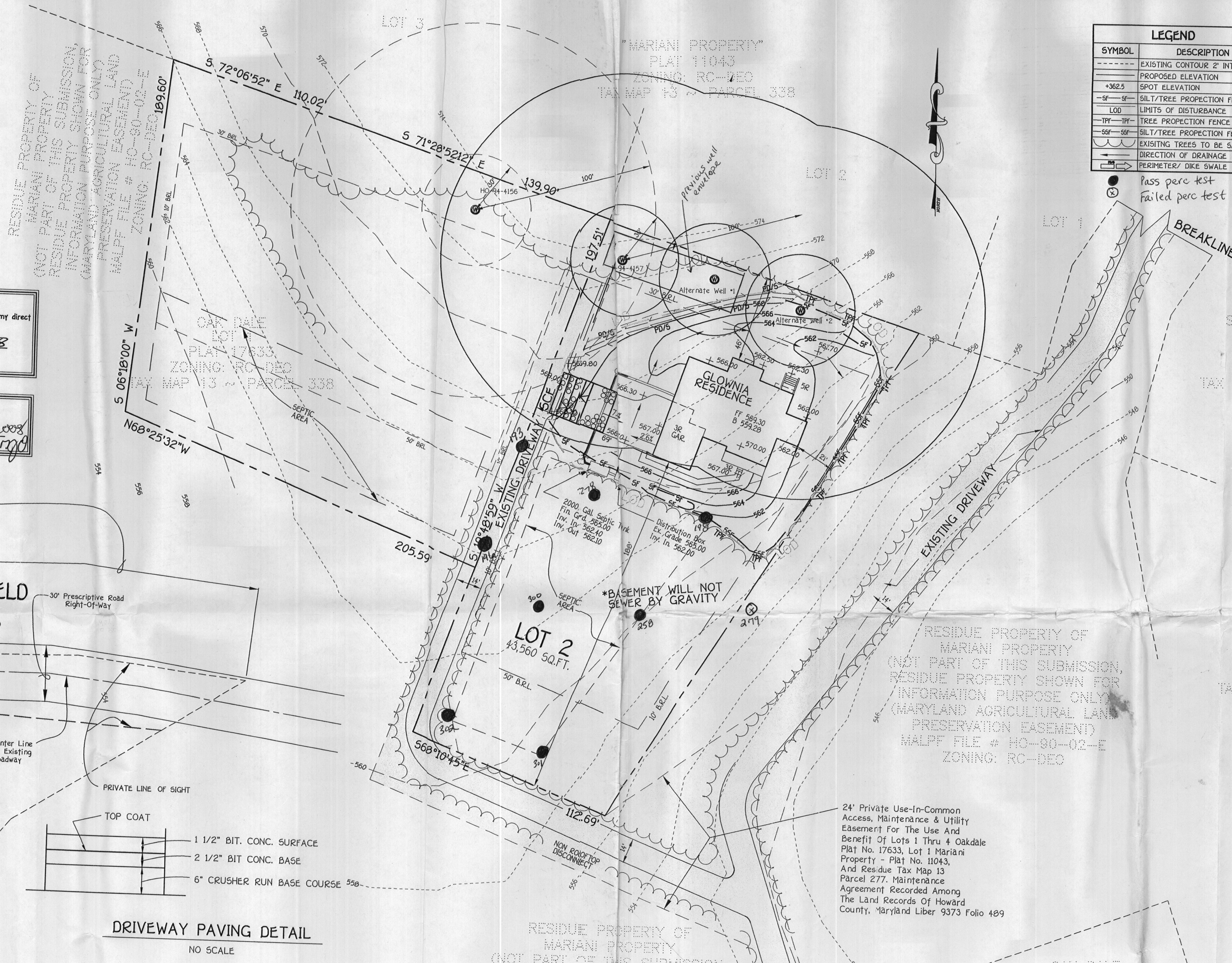
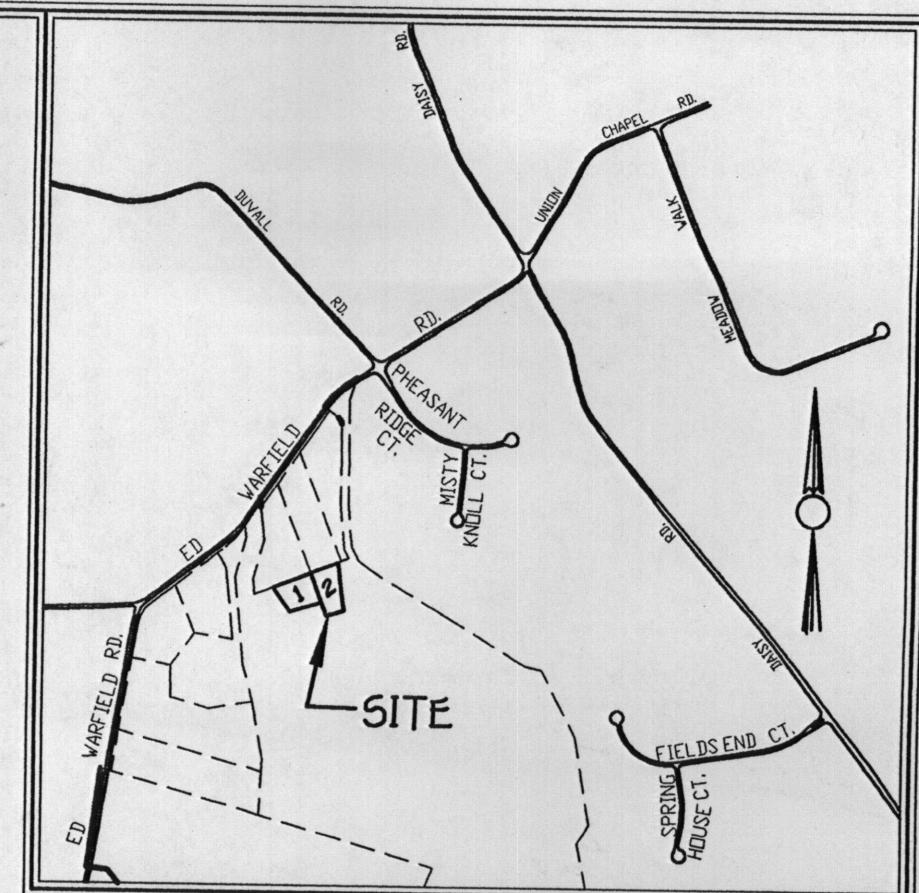
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE RESTRICTIONS SHALL BECOME 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.
- ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
- THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
- TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
- BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
- ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- DEED REFERENCE LIBER 3078 FOLIO 613.

PERC CERTIFICATION
 I certify that the locations shown hereon are based on field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.
 Signature of Professional Land Surveyor: *Terrell A. Fisher* 8/4/08
 Terrell A. Fisher, Professional Land Surveyor No. 10692

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT.
 Signature of Peter Baileisen, MD 7/30/2008
 COUNTY HEALTH OFFICER DATE

LEGEND

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED ELEVATION
+362.5	SPOT ELEVATION
-SF-SF	SILT/TREE PROTECTION FENCE
LOD	LIMITS OF DISTURBANCE
TF-TF	TREE PROTECTION FENCE
-SF-SF	SILT/TREE PROTECTION FENCE
---	EXISTING TREES TO BE SAVED
---	DIRECTION OF DRAINAGE
---	PERIMETER DIKE SWALE
⊙	Pass perc test
⊗	Failed perc test



VICINITY MAP
 SCALE: 1" = 1200'

LOT 4
 SECTION 1 ~ AREA 1
 WARFIELD'S GRANT
 PLAT 8802
 ZONING: RC-DEO
 TAX MAP 13 ~ PARCEL 334

- GENERAL NOTES**
- SUBJECT PROPERTY ZONED: RC-DEO
 - TOTAL AREA OF SITE: 43,460 sq. ft., LIMIT OF DISTURBANCE 15,241 sq. ft.
 - LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
 - CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
 - EXISTING TOPOGRAPHY WAS FIELD RUN BY FISHER, COLLINS AND CARTER, INC. IN DECEMBER, 2004.
 - *THE BASEMENT ON LOT 2 WILL NOT SEWER BY GRAVITY.
 - THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 94-4157, HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
 - THIS LOT IS EXEMPT FROM THE 2000 MARYLAND STORMWATER MANAGEMENT REQUIREMENTS SINCE THE TOTAL IMPERVIOUS AREA IS LESS THAN 5000 SQUARE FEET.

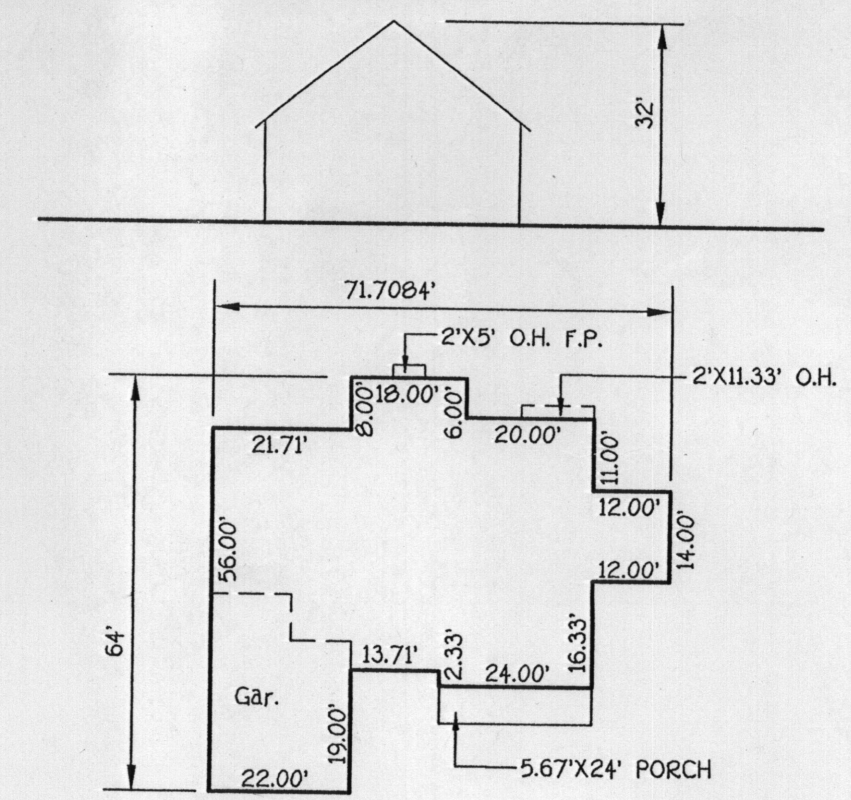
LOT 3
 SECTION 1 ~ AREA 1
 WARFIELD'S GRANT
 PLAT 8802
 ZONING: RC-DEO
 TAX MAP 13 ~ PARCEL 334

RESIDUE PROPERTY OF MARIANI PROPERTY (NOT PART OF THIS SUBMISSION, RESIDUE PROPERTY SHOWN FOR INFORMATION PURPOSE ONLY (MARYLAND AGRICULTURAL LAND PRESERVATION EASEMENT) MALPF FILE # HO-90-02-E ZONING: RC-DEO

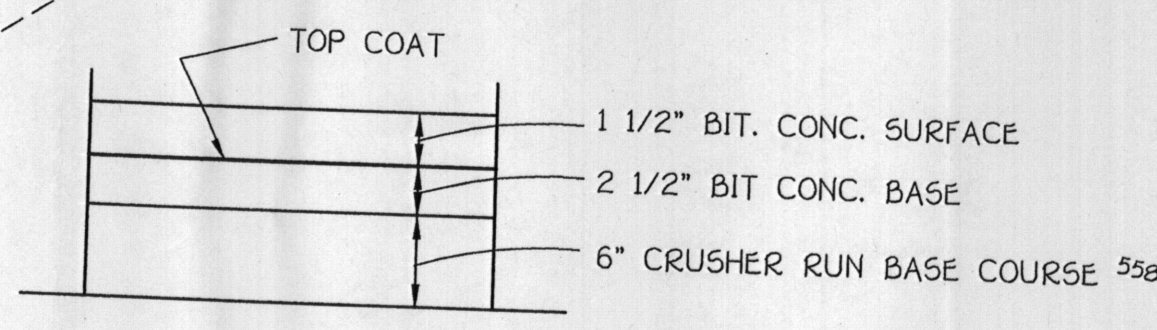
24' Private Use-In-Common Access, Maintenance & Utility Easement For The Use And Benefit Of Lots 1 Thru 4 Oakdale Plat No. 17633, Lot 1 Mariani Property - Plat No. 11043, And Residue Tax Map 13 Parcel 277. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland Liber 9373 Folio 489

RESIDUE PROPERTY OF MARIANI PROPERTY (NOT PART OF THIS SUBMISSION, RESIDUE PROPERTY SHOWN FOR INFORMATION PURPOSE ONLY (MARYLAND AGRICULTURAL LAND PRESERVATION EASEMENT) MALPF FILE # HO-90-02-E ZONING: RC-DEO

OAK DALE LOT 3 PLAT 17633 ZONING: RC-DEO TAX MAP 13 ~ PARCEL 338



GLOWNIA RESIDENCE



DRIVEWAY PAVING DETAIL
 NO SCALE

NO.	DESCRIPTION	DATE
2	Rev. hse. location and grading due to 30' well box rule per Ho. Co. Health Dept.	6-23-08
1	Rev. hse. location and grading due to 30' well box rule per Ho. Co. Health Dept.	5-13-08

REVISED PERC CERTIFICATION, SITE DEVELOPMENT, SEDIMENT EROSION CONTROL PLAN, NOTES & DETAILS OAK DALE LOT 2

ZONED RC-DEO PLAT NO. 11225
 TAX MAP NO: 13 PARCEL NO: 277 GRID NO: 23
 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: JULY, 2008
 SHEET 1 OF 2

Revised perc cert 7/30/08

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING, CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2955

