

APPLICATION

PERCOLATION TESTING

A 314611

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 10-24-00

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER KENNARD WARFIELD

ADDRESS C/O 8000 MAIN ST. ELLICOTT CITY MD PHONE 1-410-480-9105

AGENT OR PROSPECTIVE BUYER LAND DESIGN & DEVELOPMENT

ADDRESS 8000 MAIN ST. ELLICOTT CITY MD PHONE 1-410-480-9105

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROPERTY - T. 96 LOT NO. 6 ①

ROAD AND DESCRIPTION NW SIDE OF TRIADELPHIA ROAD - SOUTH CORNER
OF SITE IS LOCATED AT INTERSECTION OF TRIADELPHIA ROAD
AND HOWARD ROAD.

TAX MAP 21 PARCEL # 96

SIZE OF LOT 40,000 ± TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. DONALD R. REWNER
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

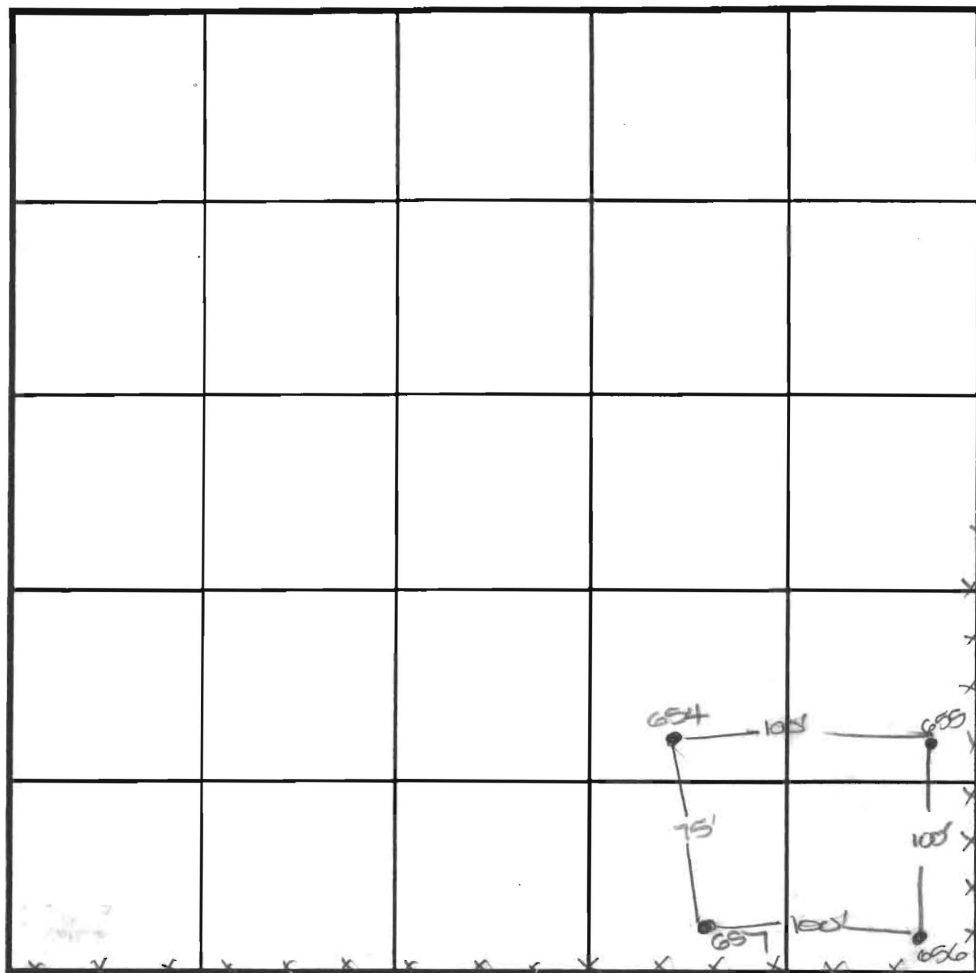
0' 653
 1' topsoil
 red org
 brn
 cl Lm
 4.5'
 pale
 org tan
 si Lm
 to
 tan
 si Lm
 13' 10%
 rock

0' 656
 1' topsoil
 org brn
 cl Lm
 3.5'
 pale
 pk brn
 to
 org tan
 si Lm
 14' 10%
 rock

0' 654
 1' topsoil
 org brn
 cl Lm
 4.0'
 pale
 org tan
 si Lm
 5-10%
 rock
 13'

SOIL PROFILE

0' 657
 1' topsoil
 red brn
 cl Lm
 4' 4.5'
 pale
 org tan
 si Lm
 5-10%
 rock
 14'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-11-00	655	4.5'S	10:32	10:39	10:39	10:47	8
		13.0'D	Visual	- see profile			OK
	656	4.0'S	10:41	10:45	10:45	10:50	5
		14.0'D	Visual	- see profile			OK
	654	4.0'S	10:55	11:00	11:00	11:07	7
		13.0'D	Visual	- see profile			OK
	657	4.0'S	10:57	11:08	11:08	11:24	16
		14.0'D	Visual	- see profile			OK

REMARKS holes tested as stated

TYPE OF SOIL

TESTED BY DLE ALSO PRESENT M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

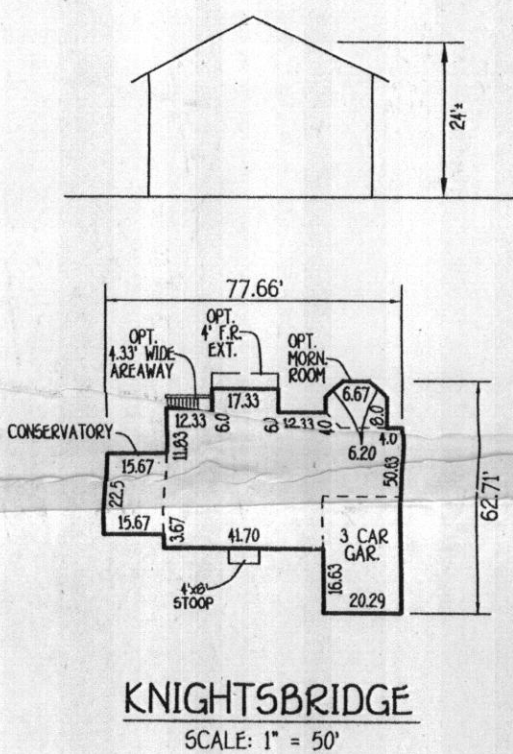
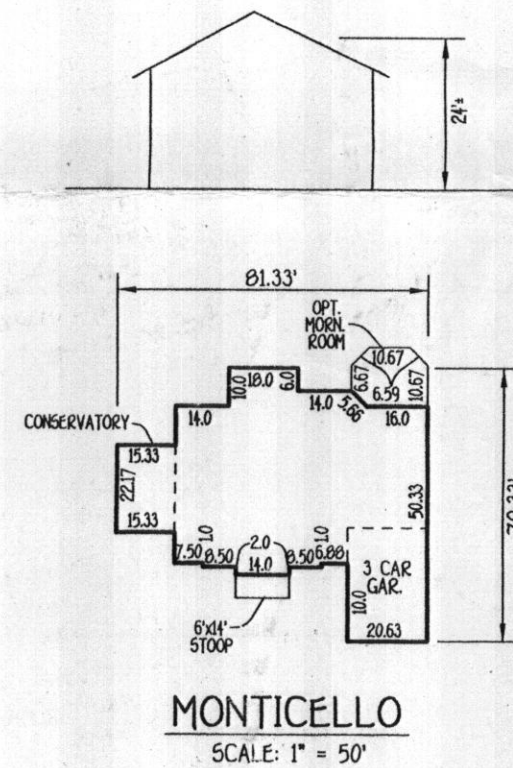
INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
---	TYP - TYP TREE PROTECTION FENCE
---	SSP - SSP SUPER SILT FENCE
---	LOD - LOD LIMITS OF DISTURBANCE

LEGEND

--- EXISTING 2' CONTOURS
 --- EXISTING 10' CONTOURS
 --- EXISTING TREE LINE

⊙ DENOTES PROPOSED WELL
 ● DENOTES PASSED PERC.



NOTE: LOT 5
 THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO-95-1362 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

LOT NUMBER	STREET ADDRESS
LOT 1	TRIADELPHIA ROAD
LOT 2	TRIADELPHIA ROAD
LOT 3	TRIADELPHIA ROAD
LOT 5	TRIADELPHIA ROAD

SHEET	DESCRIPTION
SHEET 1	TITLE SHEET, HOUSE TYPE, SITE DEVELOPMENT, SEDIMENT/EROSION CONTROL
SHEET 2	SEDIMENT/EROSION CONTROL NOTES & DETAILS

- 5 Rev. Gen. Note #1, septic tank size & added well note for Lot 5 4-14-10
 4 Rev house type & qrd, Lot 5, incl. SWM disconnect.
 3 Rev hse type & qrd, Lot 2 incl. revision to well box and septic. csm't 12-14-09
 2 Rev hse type & qrd, Lot 2 11-15-09
 1 Rev hse type, Lot 3 and add 2 alt. wells, locations 10-29-09

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21114
 (410) 481-2895

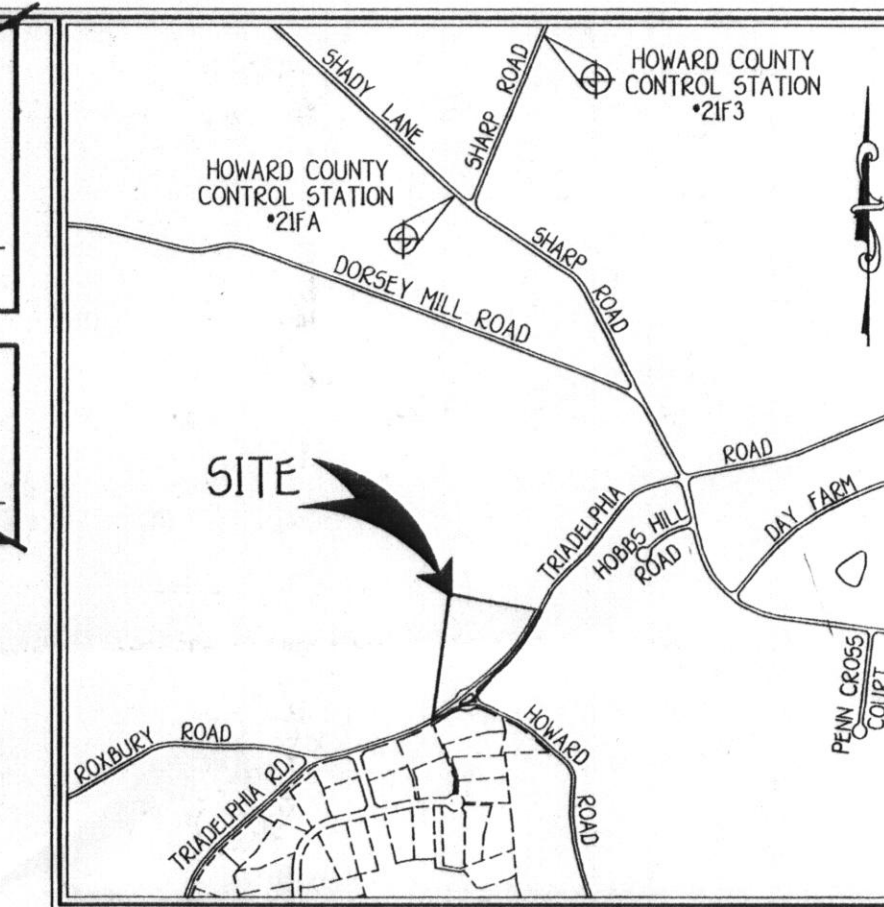
THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: *John E. Blanton* 3/19/09
 HOWARD SOIL CONSERVATION DISTRICT

PERC CERTIFICATION
 I CERTIFY THAT THE LOCATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
 SIGNATURE OF PROFESSIONAL LAND SURVEYOR: TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692
 DATE: 12/14/09

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT, FOR LOT 2 ONLY
 SIGNATURE OF PROFESSIONAL ENGINEER: Brian P. Bieleman
 DATE: 11/13/2009
 COUNTY HEALTH OFFICER

PERC CERTIFICATION
 I CERTIFY THAT THE LOCATIONS SHOWN ON THIS PLAN ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.
 SIGNATURE OF PROFESSIONAL LAND SURVEYOR: TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692
 DATE: 10/29/09

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 SIGNATURE OF PROFESSIONAL ENGINEER: Brian P. Bieleman
 DATE: 11/16/2009
 COUNTY HEALTH OFFICER



GENERAL NOTES

- SUBJECT PROPERTY ZONED: RC-DEO
- TOTAL AREA OF PROPERTY: 4.00 ACRES
- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT REVIEW.
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR/BUILDER TO VERIFY ELEVATION IN THE FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- TOPOGRAPHY IS BASED ON AERIAL TOPOGRAPHY DONE BY HARFORD AERIAL DATED 2002.
- NO WETLANDS CURRENTLY EXIST ON THE PROPERTY.
- STORMWATER MANAGEMENT IS PROVIDED BY NON-ROOFTOP DISCONNECTED AND THE USE OF A LEVEL SPREADER.
- PERIMETER LANDSCAPING SHOWN PER F-07-39.

REVISED PERCOLATION CERTIFICATION NOTES

- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA RESTRICTED. THIS EASEMENT 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 SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
- EXISTING WELLS, SEPTIC SYSTEMS, AND SEWAGE DISPOSAL AREAS WITHIN 100' OF THE PROPERTY AND THOSE WITHIN 200' DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS OR SEWAGE DISPOSAL AREAS HAVE BEEN SHOWN.
- THE PURPOSE FOR THIS REVISION IS TO RECONFIGURE THE SEPTIC ESM'T. & WELL BOX LOC.
- THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT NO. 95-1362 REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS ANY RESTRICTIONS, AND PROVISIONS.

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER: TIM NAUGHTON
 DATE: 3/5/09

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER: EARL D. COLLINS
 DATE: 3-5-09

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/28/10.

SIGNATURE OF PROFESSIONAL ENGINEER: EARL D. COLLINS
 DATE: 3-5-09

NOTE:
 THE EXISTING WELLS SHOWN ON THIS PLAN NO'S HO-95-1359, HO-95-1359, HO-95-1360, AND HO-95-1362 HAVE BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY LOCATED.

B10001906

SITE DEVELOPMENT
 & SEDIMENT/EROSION CONTROL PLAN
THE WARFIELDS II
 LOTS 1 THRU 3, AND 5
 SECTION ONE

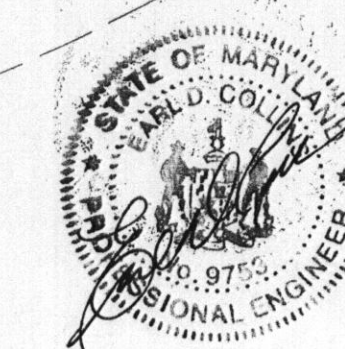
TAX MAP NO.: 21 ZONED: RC-DEO PARCEL NO.: 96
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: FEBRUARY, 2009

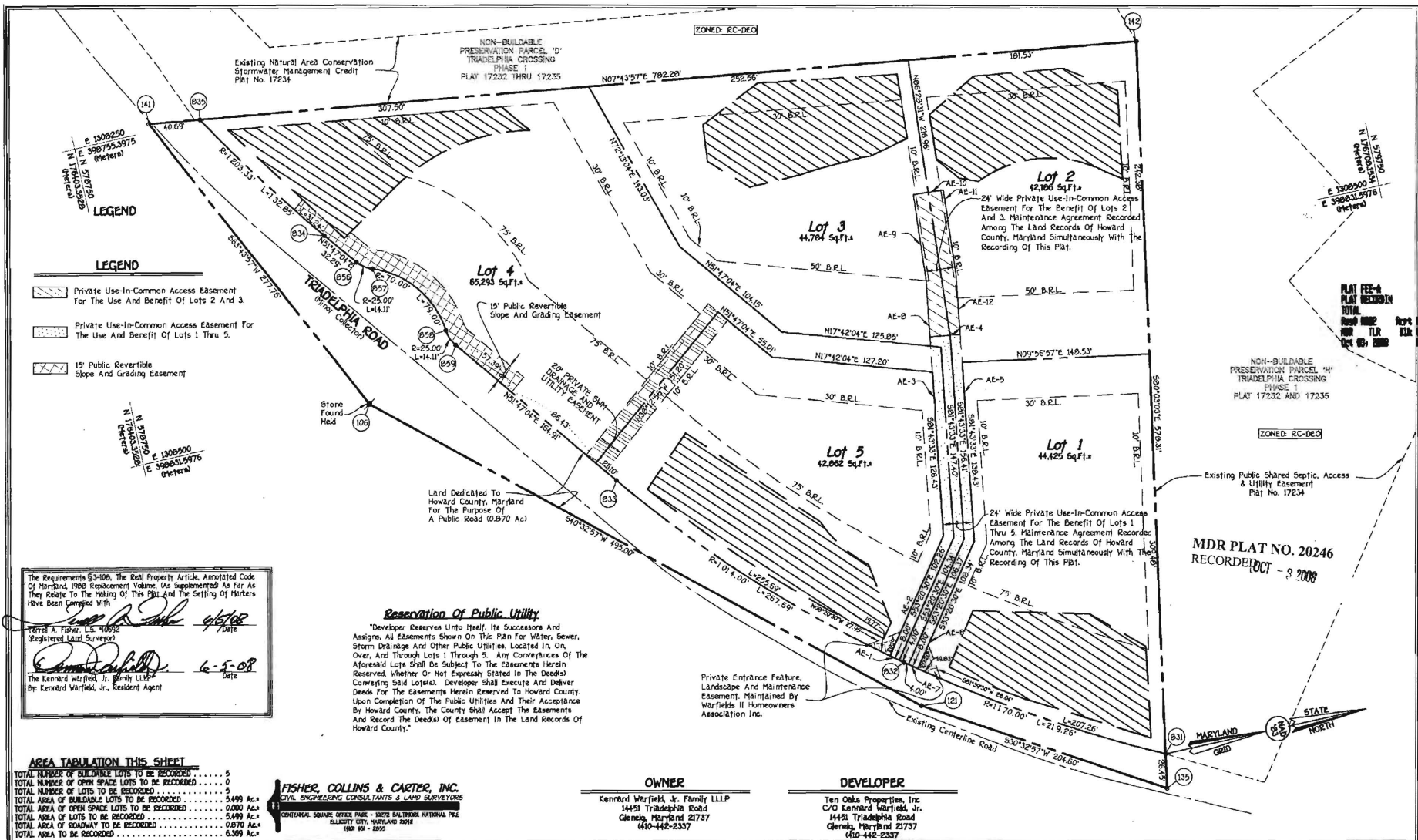
SHEET 1 OF 2

G.P. 09-48

OWNER
 KENNARD WARFIELD JR. FAMILY LIMITED PARTNERSHIP
 14451 TRIADELPHIA ROAD
 GLENELG, MARYLAND 21737
 410-442-2337

BUILDER/DEVELOPER
 N.V. HOMES
 6085 MARSHALEE DRIVE
 SUITE 430
 ELK RIDGE, MARYLAND 21075
 410-796-5956





APPROVED: For Private Water And Private Sewerage Systems
Howard County Health Department.

B. N. Wilson for Peter Brinkman 9/23/08
Howard County Health Officer Date

APPROVED: Howard County Department Of Planning And Zoning

Michael J. Wilson 9/25/08
Chief, Development Engineering Division Date

Frank D. Wyle 9/26/08
Director Date

OWNER'S CERTIFICATE

The Kennard Warfield, Jr. Family LLLP By Kennard Warfield, Jr. Resident Agent, Owner Of The Property Shown And Described Hereon, Hereby Adopts 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 And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon. (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/or Roads And Floodplain And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/or Roads And Floodplain, Storm Drainage Facilities And Open Space Where Applicable. (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance. And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way. Witness My Hand This 5th Day of June, 2008.

Kennard Warfield, Jr.
Kennard Warfield, Jr. Family LLLP
By Kennard Warfield, Jr., Resident Agent

Terrell A. Fisher
Witness

SURVEYOR'S CERTIFICATE

I Herby Certify That The Final Plat Shown Hereon Is Correct: That It Is A Subdivision Of All Of The Lands Conveyed by Thomas G. Clark And Dorothy A. Clark To Kennard Warfield, Jr. Family Limited Partnership By Deed Dated December 1, 1997 And Recorded In The Land Records Of Howard County, Maryland In Liber No. 4126 Folio 119, And A Certificate Of Amendment Dated December 1, 2001 To The Certificate Of Limited Partnership Of The Kennard Warfield, Jr. Family Limited Partnership Has Changed The Name Of The Partnership To The Kennard Warfield, Jr. Family LLLP 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.

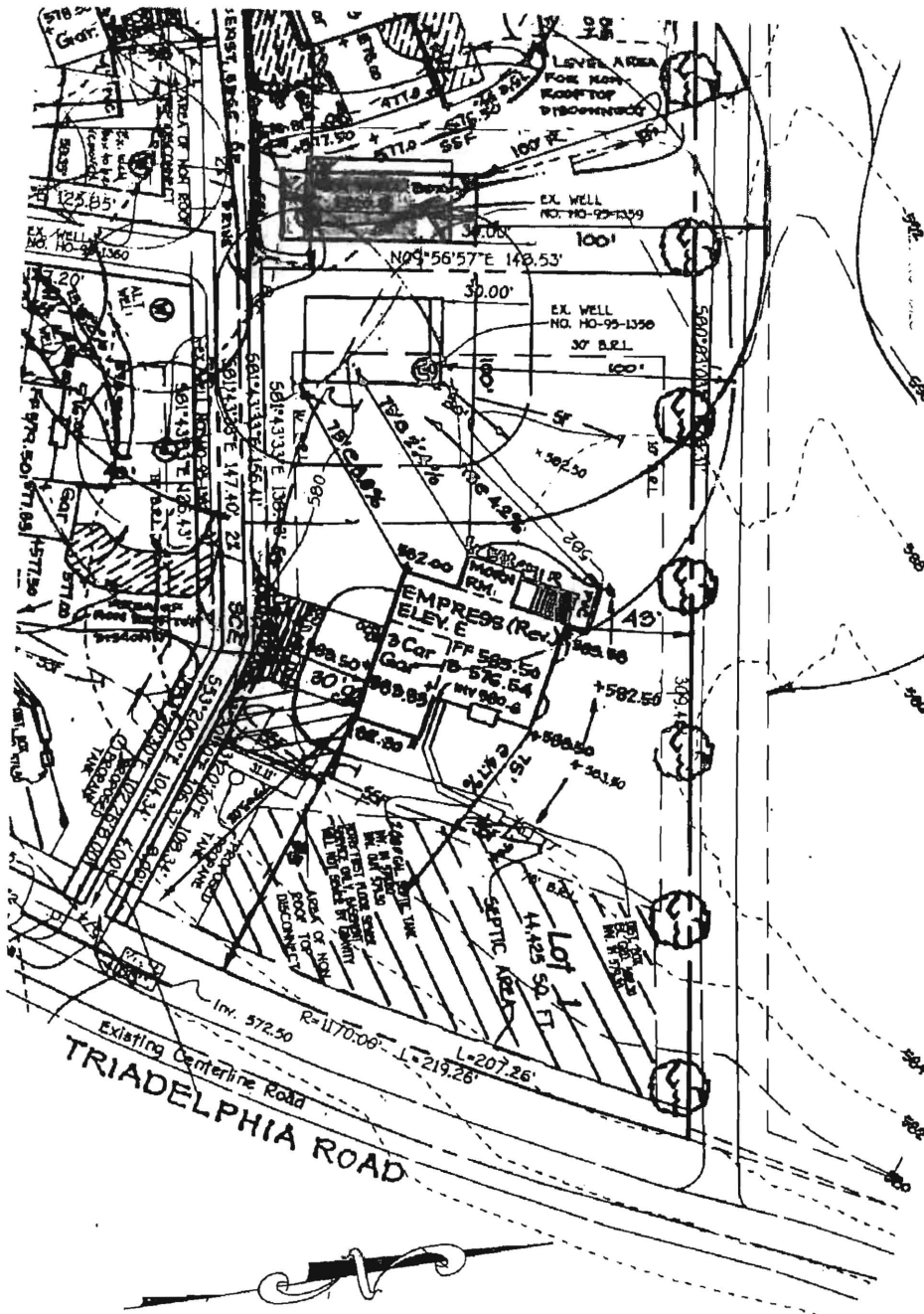
Terrell A. Fisher 9/26/08
Terrell A. Fisher, Professional Land Surveyor No. 10692 Date

RECORDED AS PLAT NO. 20246 ON
AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

THE WARFIELDS II
SECTION ONE
LOTS 1 THRU 5
Zoned RC-DEO

Tax Map 21 Parcel 96 Grid 23
Fourth Election District
Howard County, Maryland

Scale: 1" = 50'
Date: May 7, 2008
Sheet 2 of 2 F-07-039



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2999

THE WARFIELDS II

LOT 1

SECTION TWO

ZONED: RC-DEO

TAX MAP NO.: 21 GRID NO.: 23 PARCEL NO.: 55
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: JUNE, 2010