

APPLICATION

PERCOLATION TESTING

A 514611

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

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 - P. 96 LOT NO. 3/A

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. REOWER
(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' 645

topsoil

br red brn c.lm

5' pale org tan si lm

10% rock

0' 644

topsoil

br red brn d.lm

8' pale org tan si lm

14' 10-15% rock

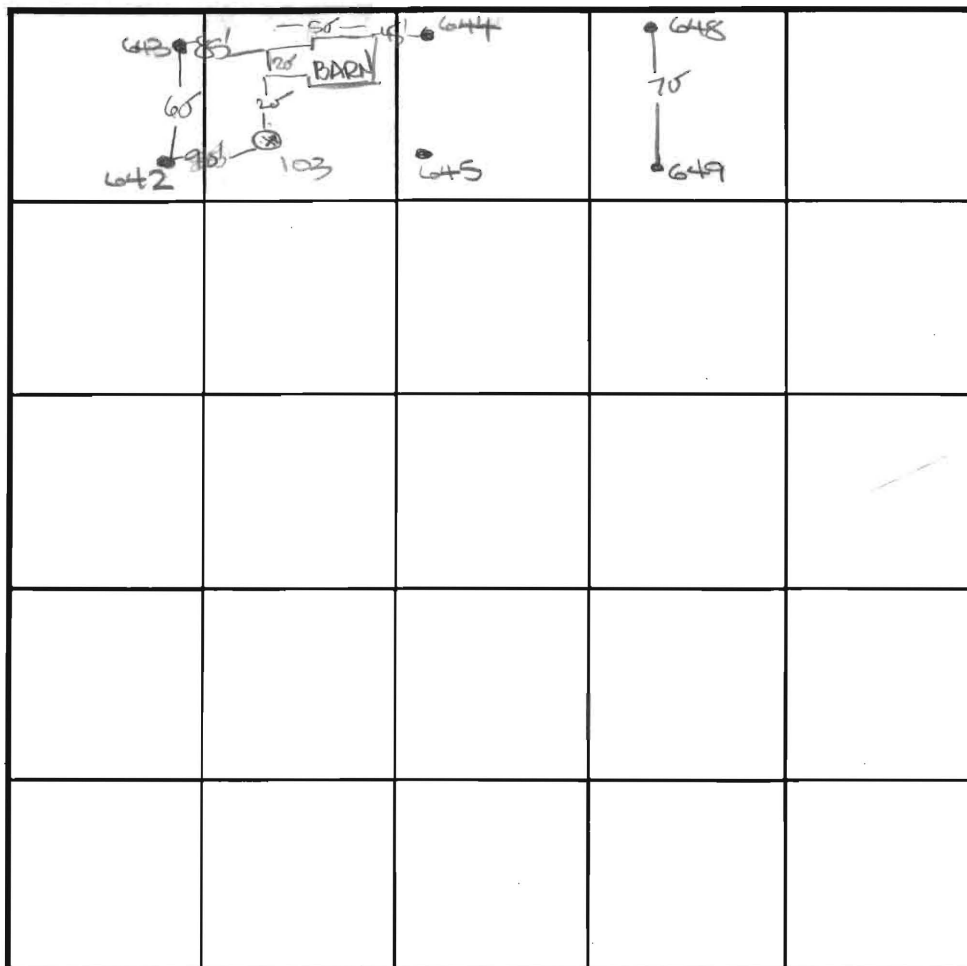
0' 649

topsoil

br red brn c.lm

5' pale org tan si lm

13.5' 15% rock



SOIL PROFILE

0' 648

topsoil

red brn d.lm

5' pale org tan si lm

13.5' 10-15% rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Triadelphia Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-11-00	645	5.0'S	1:323	1:40	1:40	1:57	17
		14.0'D	Visual	- see profile			OK
	644	4.5'S	1:35	1:40	1:40	1:57	—
		14.0'D	Visual	- see profile			OK
	649	5.0'S	2:44	2:533	2:533	3:053	12
		13.5'D	Visual	- see profile			OK
	648	5.0'S	2:463	3:04	3:04	3:30	26
		13.5'D	Visual	- see profile			OK

REMARKS

hdes tested as asked

TYPE OF SOIL

TESTED BY

DKC

ALSO PRESENT

M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME



TRENCH WIDTH

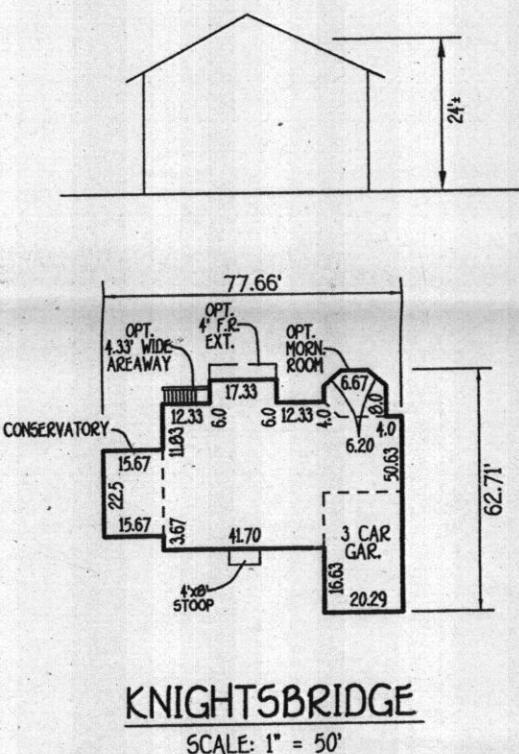
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

LEGEND

 DENOTES PROPOSED WELL
 DENOTES PASSED PERC



NOTE
THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO: HO 94-0000
HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC.,
PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

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

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

4. Rev hse type 4 qrd, Lot 5, incl. SWM disconnect. 12-14-09
3. Rev hse type 4 qrd, Lot 2 incl. revision to well box and septic csm't 11-15-09
2. Rev hse type 4 qrd. Lot 2 10-29-09
1. Rev hse type, Lot 3 and add 2 alt. wells. locations

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND
SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:

APPROVED: John L. Roberts
HOWARD SOIL CONSERVATION DISTRICT

3/9/89

PERO CERTIFICATION
 I CERTIFY THAT THE LOCATION
 DONE UNDER MY DIRECT SUPERVISION
 PROFESSIONAL KNOWLEDGE AND
 EXPERIENCE ON FIELD LOCATIONS
 RESPECT TO THE BEST OF MY
 KNOWLEDGE

[Signature] *[Signature]*

SIGNATURE OF PROFESSIONAL
 JERRELL A. FISHER, PROFESSIONAL
 ENGINEERING 10092

12/14/09
 DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT, FOR LOT 2 ONLY

B. Nyson for Peter Billeman 1/13/2017
COUNTY HEALTH OFFICER MAB DATE

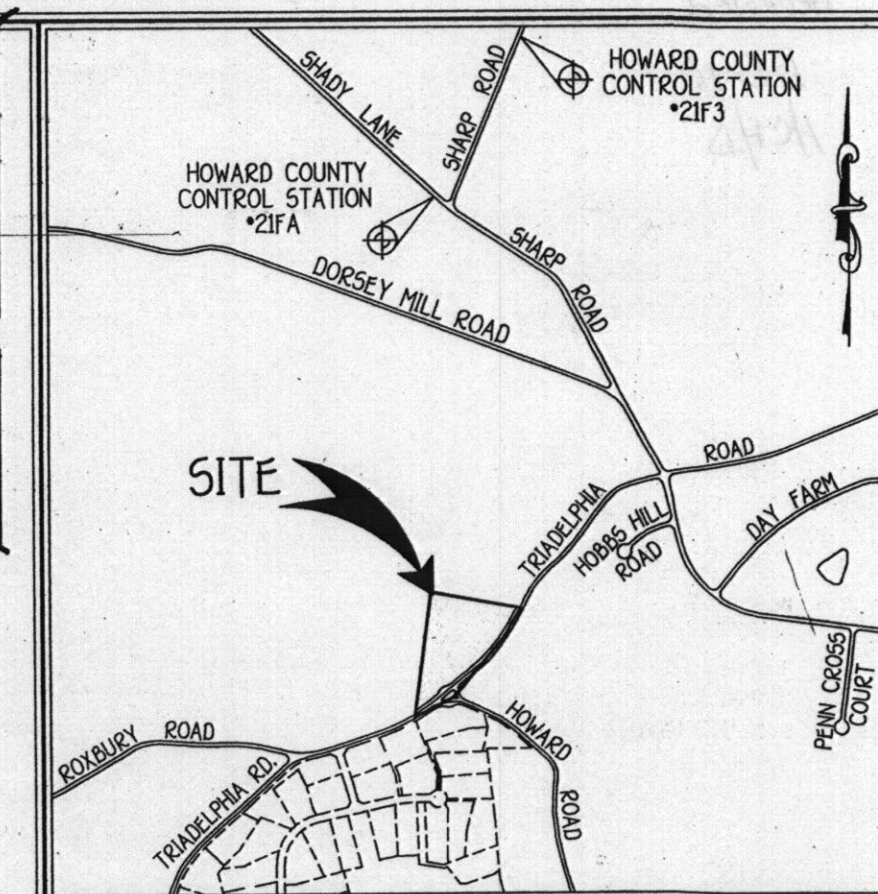
PROF. CERTIFICATION
I CERTIFY THAT THE LOCATION OF THE PROPERTY WAS BASED ON FIELD LOCATION
DONE UNDER MY DIRECT SUPERVISION AND IN ACCORDANCE WITH THE RULES
PROFESSIONAL KNOWLEDGE AND IN ACCORDANCE WITH THE RULES OF THE BOARD OF
SURVEYORS AND MAPPERS OF THE STATE OF TEXAS.

Terrell A. Fisher
SIGNATURE OF PROFESSIONAL LAND SURVEYOR
TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR NO. 10692

10/29/09
DATE

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

BNW for *Peter Beilenson* *11/16/2000*
COUNTY HEALTH OFFICER *15* *300* DATE



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES

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

REVISÉD PERCOLATION CERTIFICATION NOTES

1. 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 ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THE COUNTY HEALTH OFFICE SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECOGNITION OF A MODIFIED SEWAGE AREA SHALL NOT BE GRANTED UNTIL THE SEWAGE SYSTEM HAS BEEN FIELD VERIFIED.
2. TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS AND HAS BEEN FIELD VERIFIED.
3. 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 ARE SHOWN.
- THE PURPOSE FOR THIS REVIEW IS TO BE CONFORMANCE WITH THE SEPTIC DESIGN & WELL BOLO LOC. THE LOT SHOWN HEREON WAS RECORDED IN THE PUBLIC RECORDS. REFER TO PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND RESTRICTIONS, AND PROVIDORS.

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."

Earl D. Collins 3.5.09
EARL D. COLLINS DATE

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 LAW OF THE STATE OF MARYLAND, LICENSE NO. 9753, EXPIRATION DATE: 2/28/10.

Earl Collins 3.3.09
EARL D. COLLINS DATE

NOTE:
THE EXISTING WELLS SHOWN ON THIS PLAN NO.'S HO-95-1350, 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.

REVISED PERC
CERTIFICATION PLAN LOT 2
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

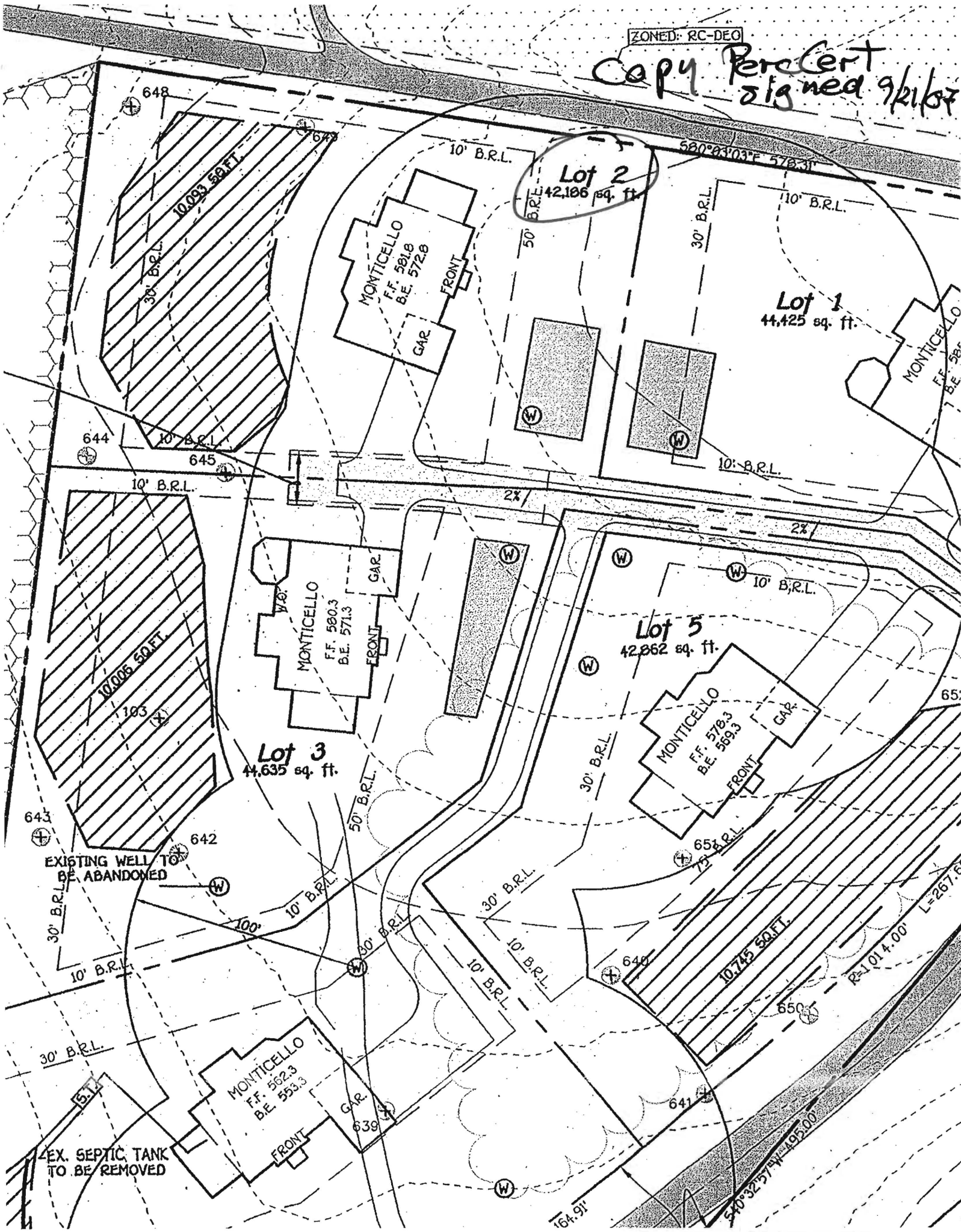
OWNER

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
ELKRIDGE, MARYLAND 21075
410-796-5956

ZONED: RC-DEO

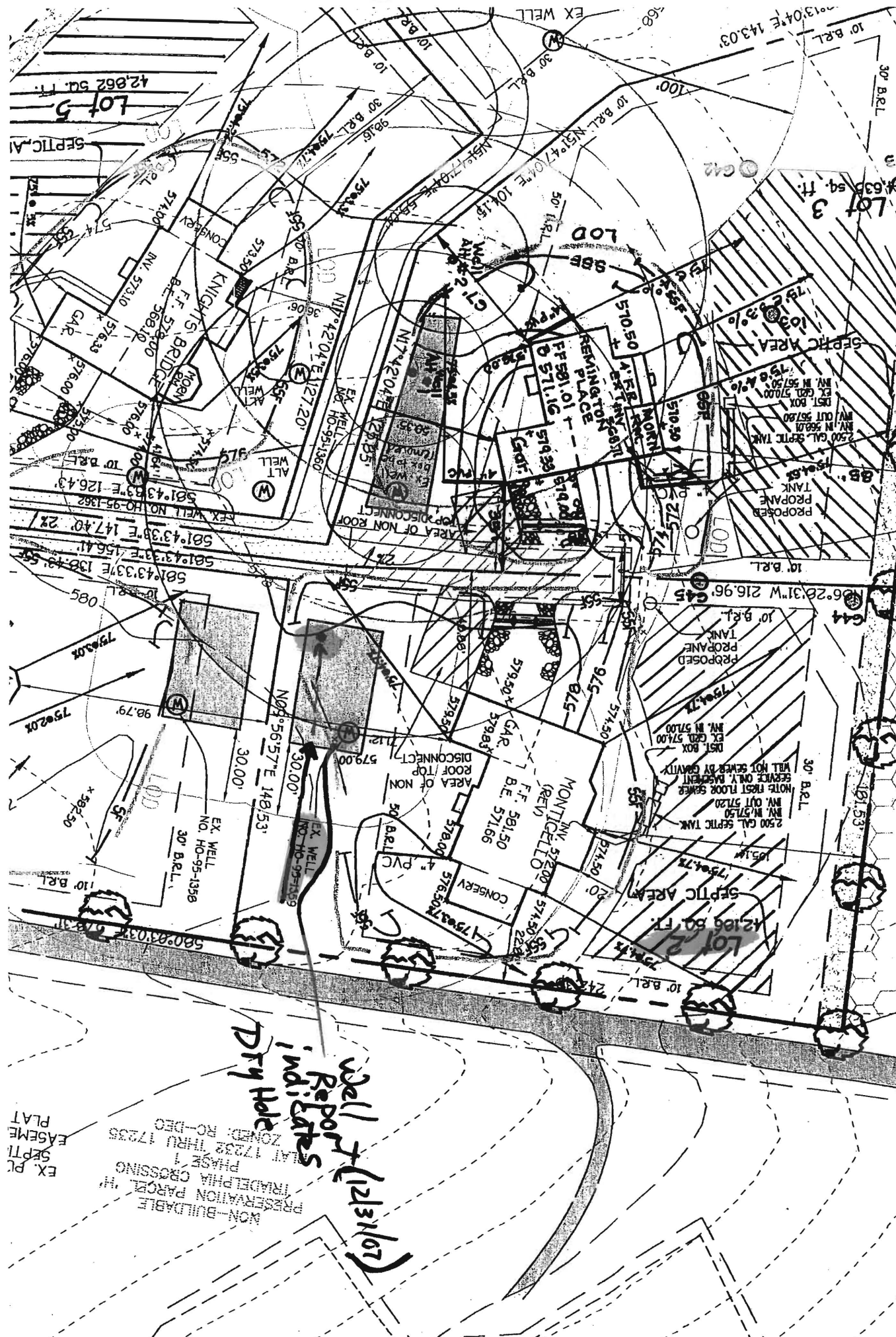
Copy Percert signed 9/21/07



NON-BUILDABLE
PRESERVATION PARCEL 'D'
TRIDELPHIA CROSSING
PHASE 1
PLAT NO. 17232 THRU 17235
ZONED: RC-DEO

copy per (673) signed

11/26/69



*Well Report (123167)
indicates
Dry Hole*

NON-BUILDABLE
PRESERVATION PARCEL 'D'
TRIDELPHIA CROSSING
PHASE 1
PLAT 17232 THRU 17235
ZONED: RC-DEO

EX. PL
SEPTI
EASEME
PLAT