

COUNTY #

SOIL PROFILE

645

topsoil

br  
red brn  
clmpale  
org tan  
sil m10%  
rock

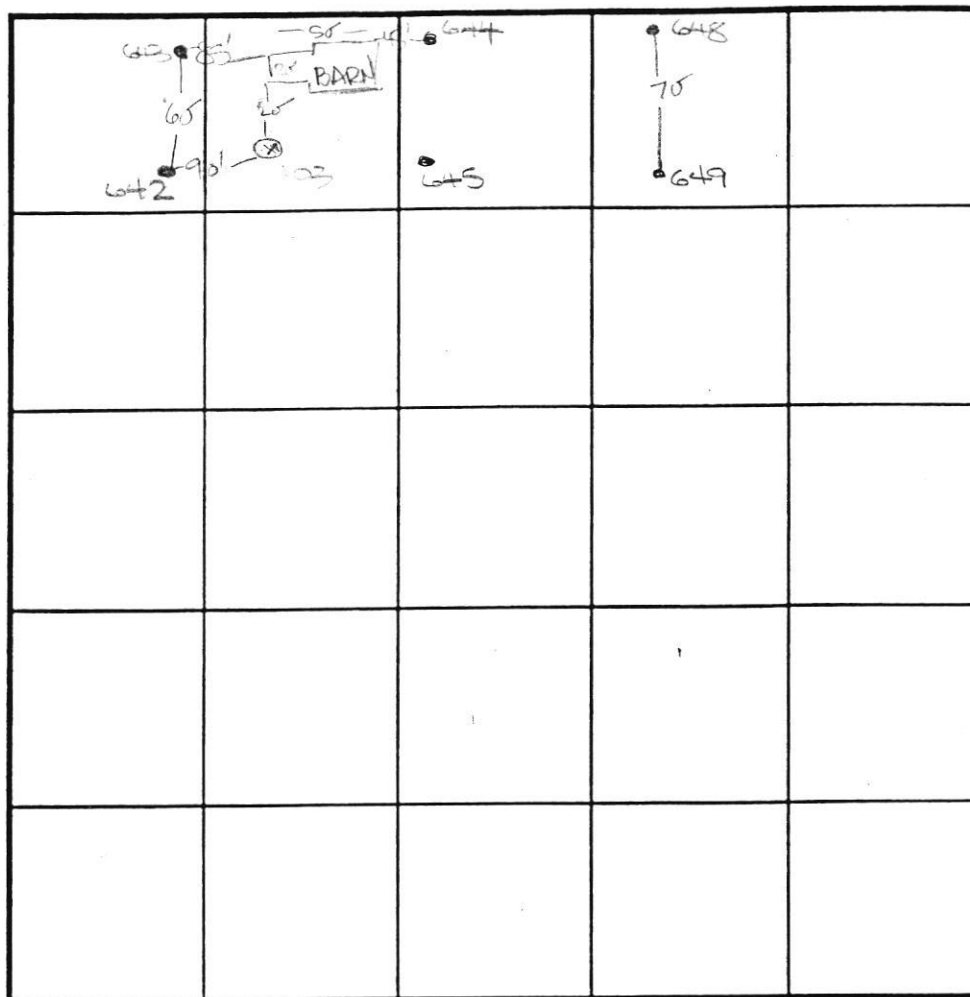
644

topsoil

br  
red brn  
clmpale  
org tan  
sil m10-15%  
rock

647

topsoil

br  
red brn  
clmpale  
org tan  
sil m15%  
rock

SOIL PROFILE

648

topsoil

br  
red brn  
clmpale  
org tan  
sil m10-15%  
rock

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Philadelphia Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-11-00	645	5.0'S	1:32 <sub>2</sub>	1:40	1:40	1:57	17
		14.0'D	Visual	- See profile			OK
	644	4.5'S	1:35	1:40	OK (see)		-
		14.0'D	Visual	- See profile			OK
	649	5.0'S	2:44	2:53 <sub>2</sub>	2:53 <sub>2</sub>	3:05 <sub>2</sub>	12
		12.5'D	Visual	see profile			OK
	648	5.0'S	2:46 <sub>2</sub>	3:04	3:04	3:20	26
		12.5'D	Visual	- See profile			OK

REMARKS

holes tested as called

TYPE OF SOIL

TESTED BY

DCC

ALSO PRESENT M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

643/642

top soil

br  
red brn  
cl Lmpale  
org brn  
si Lm10% ot  
sh

SOIL PROFILE

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	643	4.5' 9	3:17	3:19	3:19	3:23	4
		13' 8" D	visual	-see	profile		OK
	642	4.5' 9	3:19	3:43	3:43	little slow	OK
		14' 0" D	visual	-see	profile		OK
	103	13' 0" D	visual	-see	profile		OK

REMARKS test holes 642 and 643 tested as staked

TYPE OF SOIL hole 103 not staked

TESTED BY DCC

ALSO PRESENT M. Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH

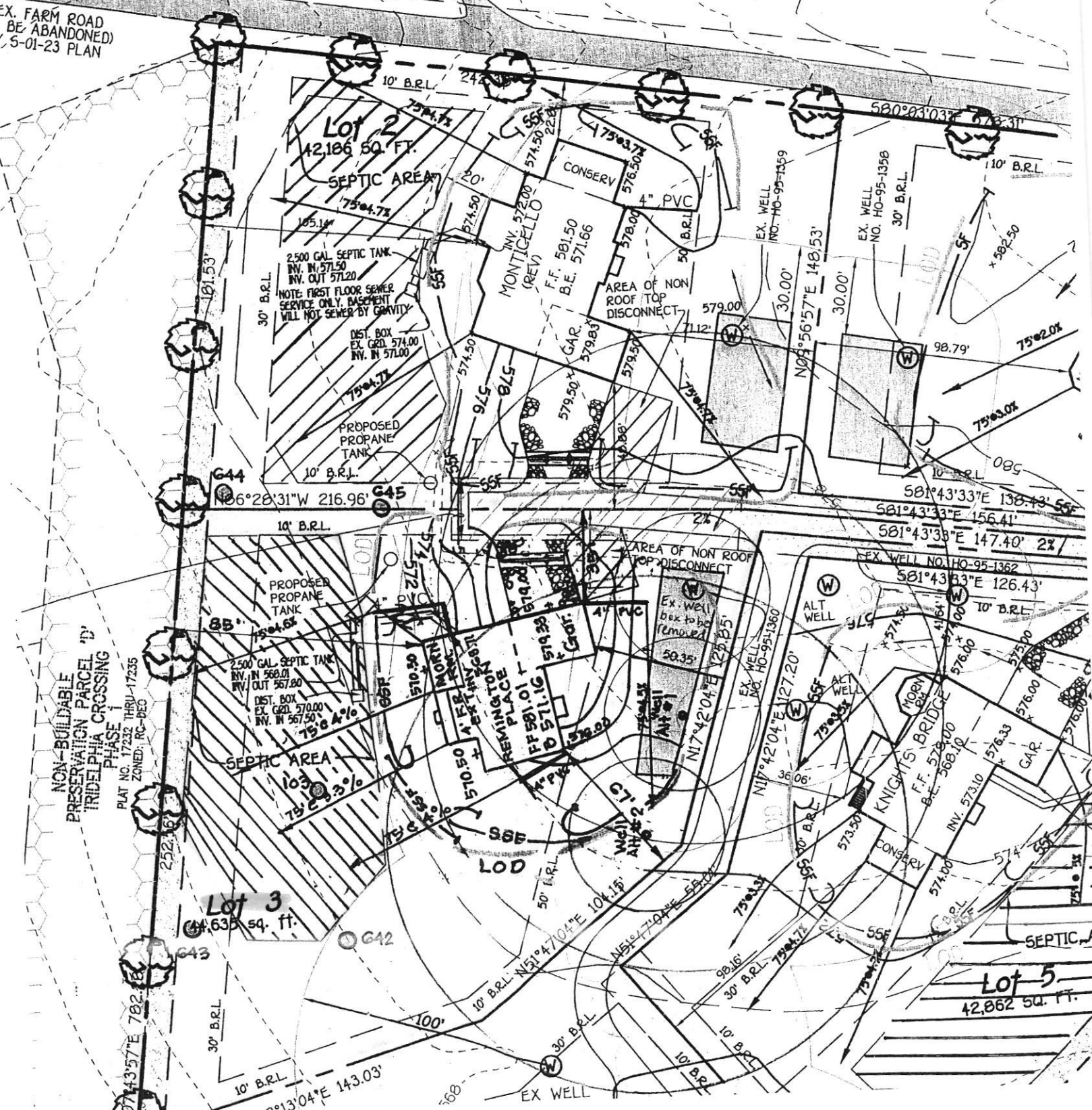
INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

Revised PC  
Signed 11-16-09

NON-BUILDABLE  
PRESERVATION PARCEL 'H'  
TRIADLPHIA CROSSING  
PHASE 'I'  
PLAT 17232 THRU 17235  
ZONED: RC-DEO

EX. PL  
SEPTI  
EASEME  
PLAT

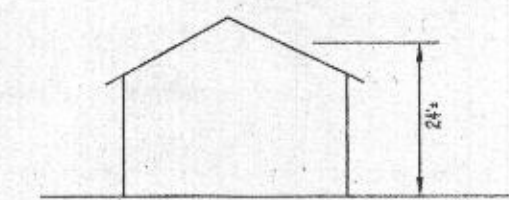
EX. FARM ROAD  
BE ABANDONED)  
5-01-23 PLAN



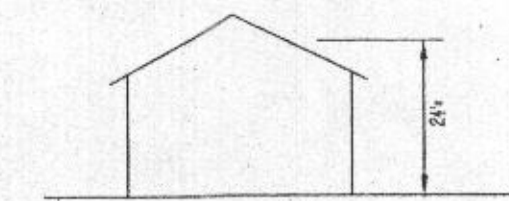


LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
TPF	TREE PROTECTION FENCE
SSP	SUPER SILT FENCE
LOD	LIMITS OF DISTURBANCE

LEGEND	
---	EXISTING 2' CONTOURS
---	EXISTING 10' CONTOURS
---	EXISTING TREE LINE
---	SOIL LINES AND TYPES
○	DENOTES PROPOSED WELL
○	DENOTES FAILED PERC
○	DENOTES PASSED PERC
○	DENOTES 15X-24.9% SLOPES
○	DENOTES 25% AND GREATER SLOPE



MONTICELLO  
SCALE: 1" = 50'



KNIGHTSBRIDGE  
SCALE: 1" = 50'

#### NOTE

THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 91-0000 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

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 - 10772 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21046  
(410) 441-2337

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED: *[Signature]* 3/19/09  
HOWARD SOIL CONSERVATION DISTRICT

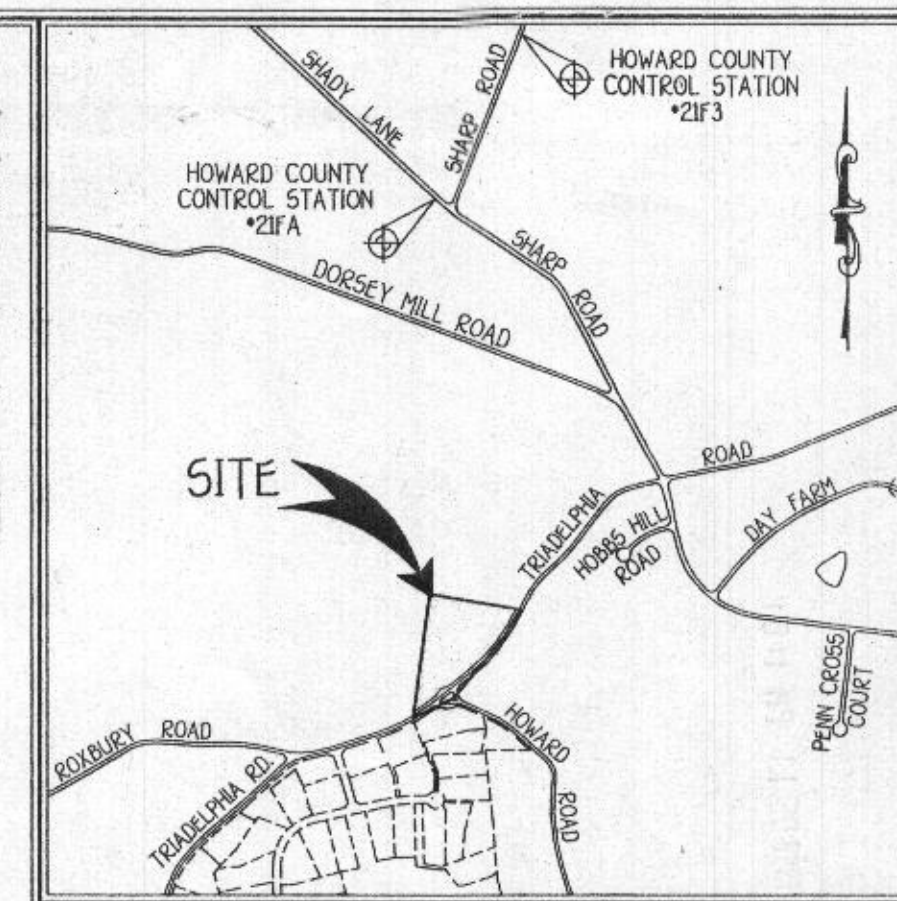
PERC CERTIFICATION  
I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

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

DATE: \_\_\_\_\_

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

COUNTY HEALTH OFFICER: \_\_\_\_\_ DATE: \_\_\_\_\_



VICINITY MAP  
SCALE: 1" = 1200'

#### 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 FOR IF PRIOR TO MARCH 1972, AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SYSTEMS, 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 SEWERAGE IS AVAILABLE. THESE AREAS 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 AREA. RECONSTRUCTION OF A MODIFIED SEWAGE SHALL NOT BE NECESSARY.
- TOPOGRAPHY SHOWN IS AT TWO-FOOT CONTOUR INTERVALS (ONE-FOOT INTERVALS ARE REQUIRED FOR MOIST SYSTEMS AND SYSTEMS WITH PIPE DEPTH LESS THAN TWO FEET) AND HAS BEEN FIELD VERIFIED OR FIELD SURVEY.
- 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 ADD TWO ALTERNATE WELL LOCATIONS AND REMOVE WELL BOX. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT NO. 10955 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]* 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]* EARL D. COLLINS DATE: 3-5-09  
Earl Collins dated 11/16/09

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.

PERC CERTIFICATION,  
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  
1451 TRIADELPHIA ROAD  
GLENELG, MARYLAND 21737  
410-442-2337

#### BUILDER/DEVELOPER

N.V. HOMES  
6095 MARSHALLEE DRIVE  
SUITE 430  
ELK RIDGE, MARYLAND 21075  
410-796-5956

