

1-4-98
3:00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511320

A 58124

DISTRICT _____

DATE 12-22-98

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 1/4/99

INSPECTOR DKS

04-361393

INDEXED

Farm and Home Excavating IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 901 Driver Road Marriottsville, Maryland 21104 PHONE (410) 442-2139

SUBDIVISION DeBernardo Property LOT 2 ROAD 15300 Bushy Park Road

PROPERTY OWNER David DeBernardo RENZO & ELEANOR RANGAN

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 80 feet down the right (230.00') lot line and 85 feet off that same lot line as seen when facing the lot from Bushy Park Road. Run trenches on contour towards the right (230.00') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK 10/20/98

PLANS APPROVED BY Kim Maiste/Ronald J. Pinkley DATE 10-08-98

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

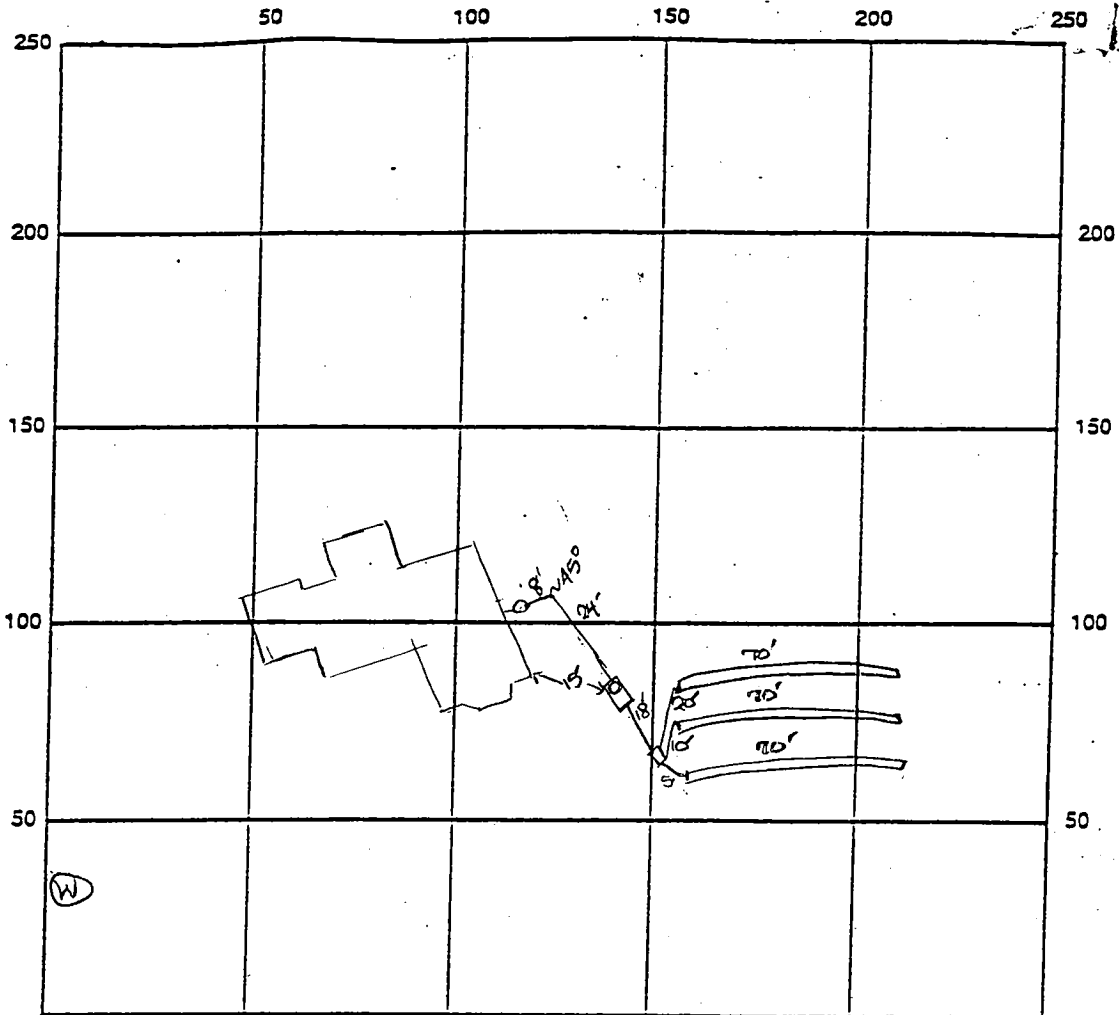
BLDG. PERMIT SIGNED
AND RETURNED 3-24-99

Seal # 250116137

debt

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

158124



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Bushy Park Road

SEPTIC TANK LEVEL OK - 1250 gal CLEANOUTS one at house

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 x 70 FT. → 210

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 630 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/4/99 FINAL INSP - OK TO COVER ALL WORK. DKS

DATE SYSTEM APPROVED 1/4/99 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 58142A

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 5-9-97

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 David De Bernardo - Cold Spring Farm

ADDRESS 15284 Bushy Park Rd Woodbine, MD PHONE _____
21797

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 15310 Bushy Park Rd. New lot

TAX MAP _____ PARCEL # _____

SIZE OF LOT 1 acre TYPE BLDG. Single Family - 3 Brm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED

10-8-98

Serial # B10 114410

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.

Bill G

(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

A58142A

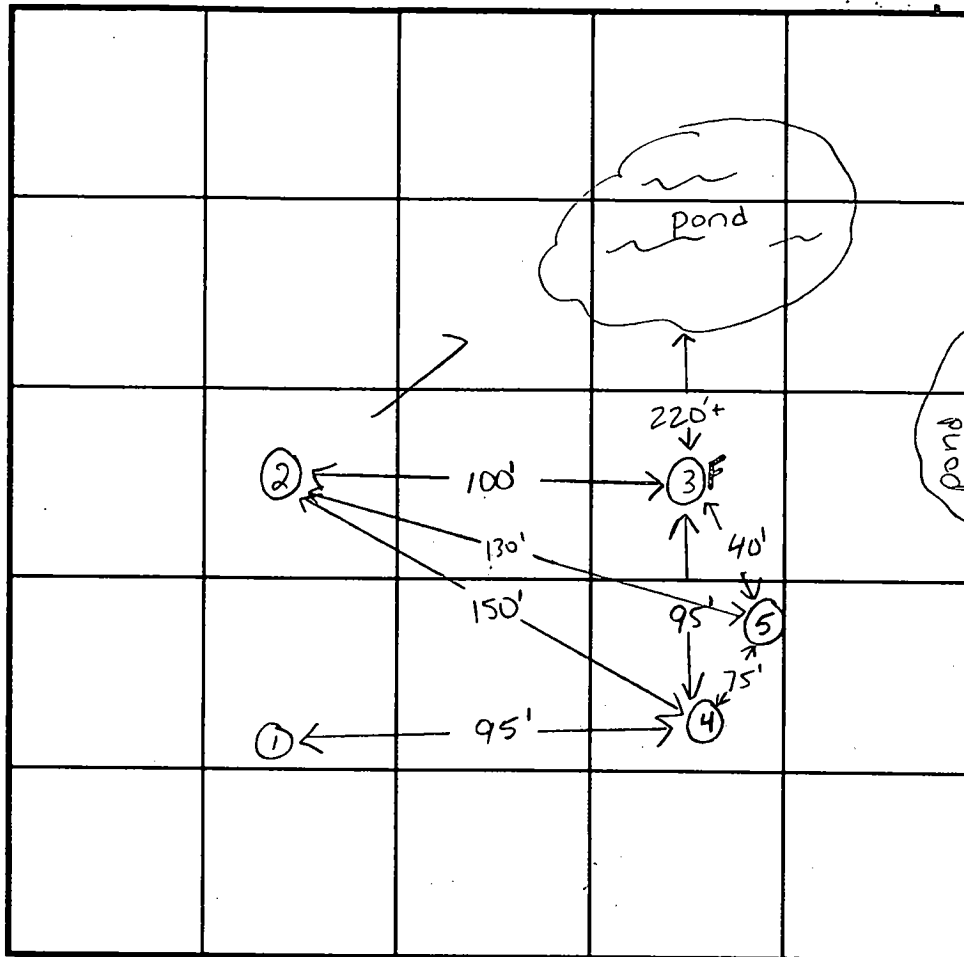
COUNTY #

SOIL PROFILE

0' (1)
orange clay loam
3.5'
tan/pink silty lm
20% rock fragments
11.0'

(2)
clay orange loam
4.5'
tan/pink silty loam
15% rock fragments
12.0'

(4)
clay orange loam
3.0'
yellow brown silty loam
20% rock fragments
13.5'



SOIL PROFILE

0' (5)
clay orange loam
3.5' to 4.0'
tan/or silty loam
20% rock fragments
13.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Bushy Park Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5-16-97	1	4.0'S	11:08	11:11:30	11:11:30	11:20	9:30 min	
		11.0'D	visual	ok	- see profile			
	2	3.5'S	11:25	11:27	11:27	11:33	6 min	
		12.0'D	visual	ok	- see profile			
	3	failed	due to rock				F	
		12.0'D	(rock cutout at 6.0')					
	4	3.5'S	11:11	11:15:30	11:15:30	11:23	8:30 min	
		13.5'D	visual	ok	- see profile			
	5	4.0'S	11:40:30	11:45	11:45	11:53:30	8:30 min	
		13.5'D	visual	ok	- see profile			

REMARKS test holes not staked

TYPE OF SOIL

TESTED BY Kim See / Kim Maiste

ALSO PRESENT Bill Ingram / David DeBernardo

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 minutes TRENCH WIDTH 3

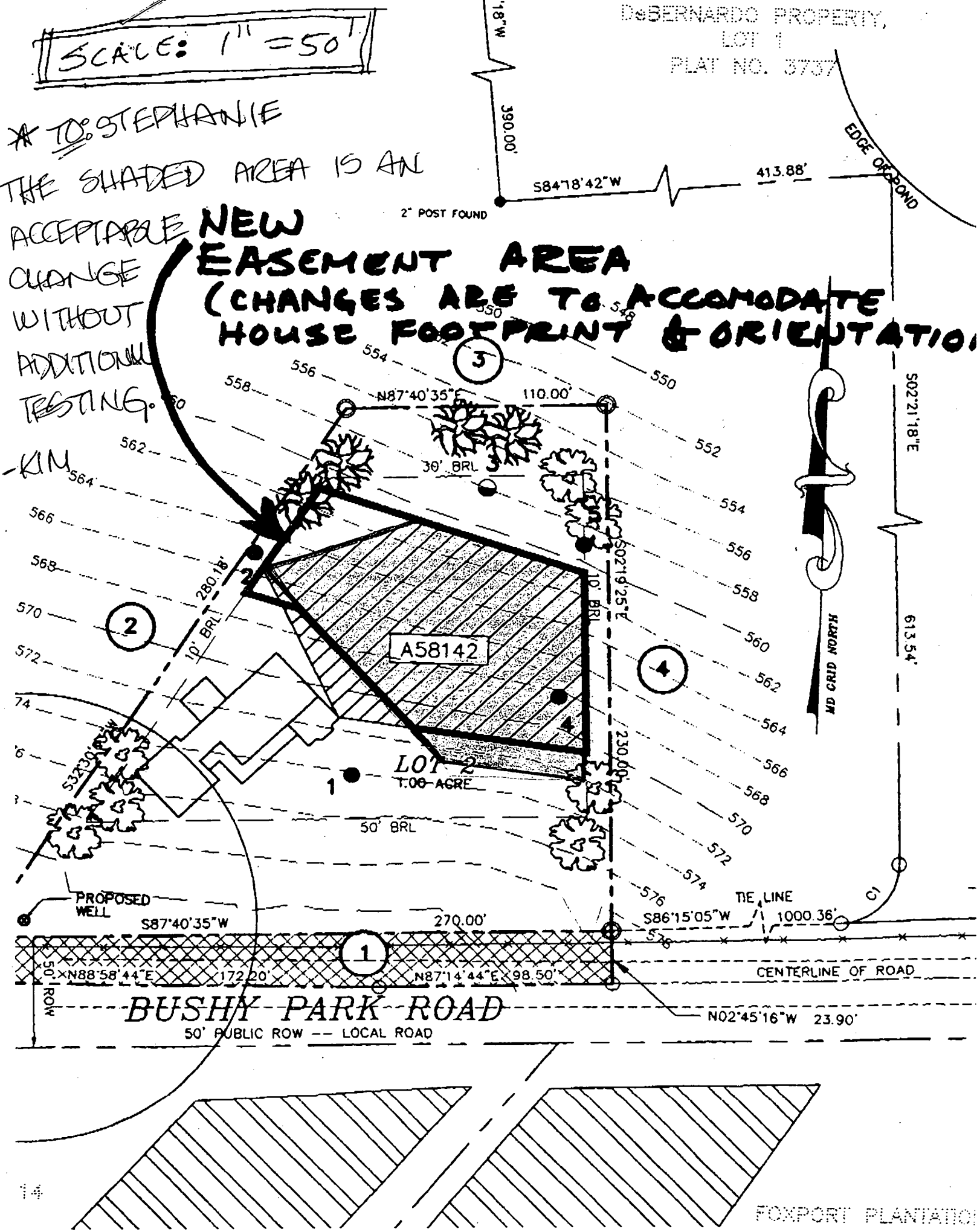
INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT./BEDROOM 210

SCALE: 1" = 50'

DeBERNARDO PROPERTY,
LOT 1
PLAT NO. 3737

* TO STEPHANIE
THE SHADED AREA IS AN
ACCEPTABLE
CHANGE
WITHOUT
ADDITIONAL
TESTING.

**NEW
EASEMENT AREA
(CHANGES ARE TO ACCOMODATE
HOUSE FOOTPRINT & ORIENTATION)**





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

January 29, 1998

David DeBernardo
15284 Bushy Park Road
Woodbine, Maryland 21797

RE: Water Sample Results
DeBernardo Property, Lot 2
Well Permit # HO-94-1315

Dear Mr. DeBernardo:

Sampling of your well water supply was conducted on November 20, 1997. Testing was performed due to the proximity of the proposed lot to the closed landfill. Samples were collected for testing for the presence of nitrates, Volatile Organic Compounds (VOC's) and metals. All testing was performed by the State Laboratory.

The results of the tests for nitrates and VOC's were recently mailed to you on January 8, 1998.

The sample submitted for testing for metals was free of all tested metals to the limit of detection for the test method employed with the exception of calcium, sodium, and magnesium. However, these three metals were still below the EPA guidelines for the maximum contaminant level. A copy of the test result is enclosed for your information.

If there are any questions, please do not hesitate to contact this office at the address below or by calling (410) 313-2640.

Sincerely,

Kimberly Maiste, Sanitarian
Water and Sewerage Program

KM

Enclosures



file

HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

June 13, 1997

David DeBernardo
15284 Bushy Park Road
Woodbine, Maryland 21797

RE: Percolation Test Results
Application Number - A58124
Proposed Use: Subdivision
Property ID: Cold Spring Farm - Bushy Park Rd.
Lot 1

Dear Mr. DeBernardo:

Percolation testing conducted May 16, 1997, on the above referenced property indicated satisfactory soil conditions.

Copies of the percolation test results are enclosed.

Further review is contingent upon submission by a registered engineer of a percolation certification plat showing actual locations and elevations of all excavated test holes and a suitable house and well site. The plat should also include the location of all existing wells and septic systems on the property as well as the location of any other relevant features such as streams, swales, or existing structures. A note must be included certifying that all wells and septic systems within 100' of property boundaries have been shown.

In addition to the above requirements, please establish a 10,000 square foot easement for each dwelling unit on the property as required by COMAR 26.04.03.02.

As previously discussed, the well must be drilled and sampled prior to final plat approval. A water sample must be collected and tested for VOC's (volatile organic compounds) and metal analysis at the time of the well yield test, due to the proximity of the proposed lot to the closed landfill.

This plan should be submitted within sixty (60) days to allow field verification if necessary. If you have any questions regarding this matter, please feel free to contact me at the address below or by calling 313-2640.

Very truly yours,
Kimberly Maiste
Kimberly Maiste, Sanitarian
Water and Sewerage Program

:km
Enclosures
cc: File

Bureau of Environmental Health
3525-H Ellicott Mills Drive Ellicott City, Maryland 21043-4544
Water and Sewerage, Permits (410) 313-2640 Community Environmental Health (410) 313-2644
Food Protection Program (410) 313-2642 TDD (410) 313-2323

C 1493 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 2-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A58142A

ST/CO USE ONLY DATE RECEIVED: MM DD YY 11 20 97

DATE WELL COMPLETED Depth of Well 110 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94 1315

OWNER DeBernardo last name David first name David TOWN Lisbon SUBDIVISION DeBernardo Property SECTION LOT 2

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Clay & Br. Shale, Soft Br. Shale, Blue & Br. Shale, Br. Shale & Gravel, Br. Shale, Blue & Br. Shale.

GROUTING RECORD yes no Y N 44 44 WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 1880 GALLONS OF WATER 120 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 60

CASING RECORD casing types insert appropriate code below ST STEEL CO CONCRETE PL PLASTIC OT OTHER MAIN CASING TYPE S T 6 61 Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

OTHER CASING (if used) Table with columns: diameter, depth (feet). Rows for PL 4 inch 0 to 50, PL 4 80 to 90, PL 4 100 to 110.

SCREEN RECORD screen type or open hole ST STEEL BR BRASS PL PLASTIC HO OPEN HOLE OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MWD 256 Dana Kyker Jr II DRILLERS SIGNATURE

LIC. NO. 1 MWD 256 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) Table with columns: depth, casing height. Rows for 50, 70, 90.

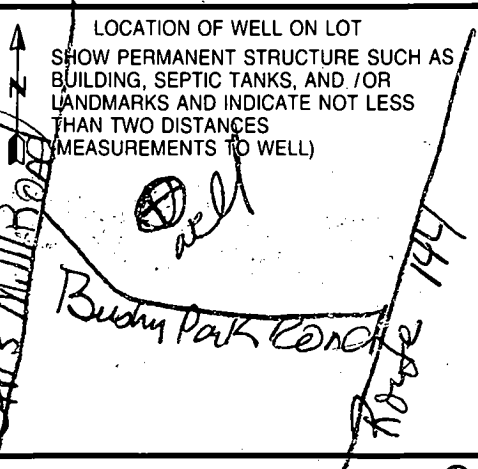
SLOT SIZE 1 .010 2 3 DIAMETER OF SCREEN 4 (NEAREST INCH) from 42 to 110

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 46 ft. WHEN PUMPING 46 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 1 (nearest foot)



11/27/99
P.M.

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

WPI-ok to continue
P.A. 4' below grade, casing 1' above
grade, has 2" cap line sleeved
out of house. (KM)

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

New Installation x Receipt #
 Replacement Date

Name of Installer Mark Brew Telephone 3018546609

License number
 Certified Well Pump Installer Well Driller Registered Plumber x

Name of Property Owner Vince & Liz Rangan Telephone 3018545973
 Subdivision Lot # Well tag #
 Site Address 15300 BUSHY PARK Rd
Woodbine, MD 21797

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u> </u>	1. Make <u> </u>
a. Deep well jet <u> </u>	2. RPM <u> </u>	2. Model # <u> </u>
b. Shallow well jet <u> </u>	3. Voltage <u> </u>	3. Depth <u> 4' </u>
c. Submersible <u> ✓ </u>	a. 110 <u> </u>	
2. Make <u> </u>	b. 220 <u> ✓ </u>	
3. Model # <u> </u>		
4. Capacity <u> </u> GPM		
5. Pump exceeds well capacity Yes <u> </u> No <u> </u>		
6. If Yes, is low pressure cutoff switch installed? Yes <u> </u> No <u> </u>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <u> ✓ </u> Cable guards <u> ✓ </u> Other <u> </u>		

Tank	Piping	Well data
1. Capacity <u> </u>	1. Type <u> P.E. </u>	1. Depth <u> </u> ft.
2. Pressure relief valve? <u> </u>	2. Size <u> 1" </u>	2. Yield <u> </u> GPM
	3. NSF and/or BOCA Code approved <u> </u>	3. Static water level <u> </u> ft.
	4. Depth of supply line <u> </u>	4. Will water supply be disinfected by installer? <u> </u>

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

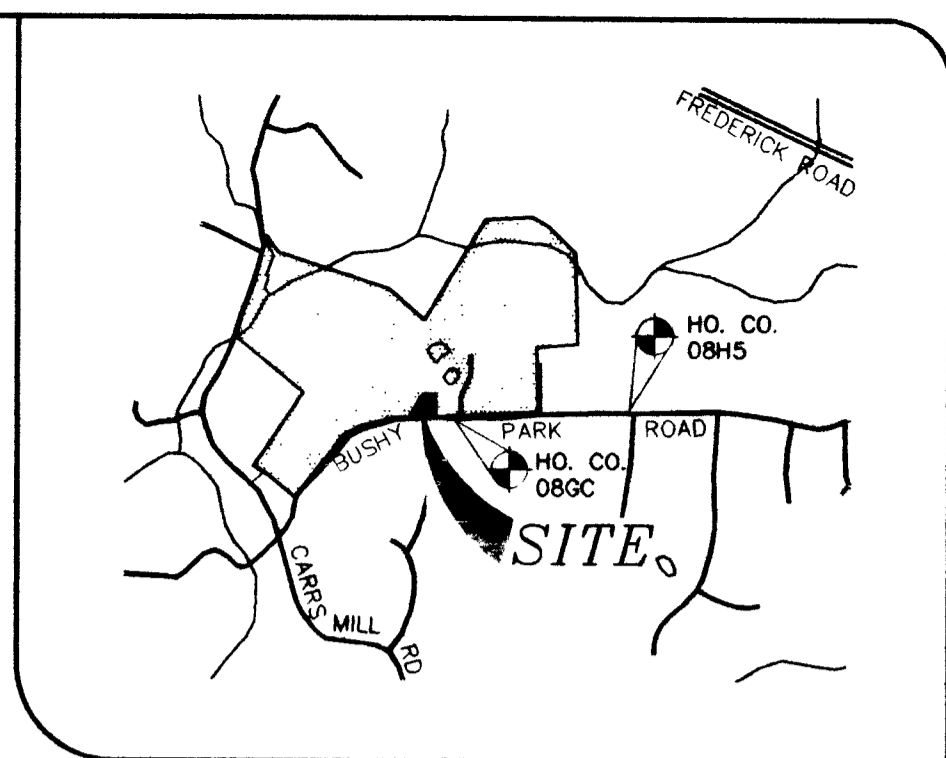
All information given above is true to the best of my knowledge.

Signature of Applicant: Mark Brew
Date: 11-12-98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

GENERAL NOTES:

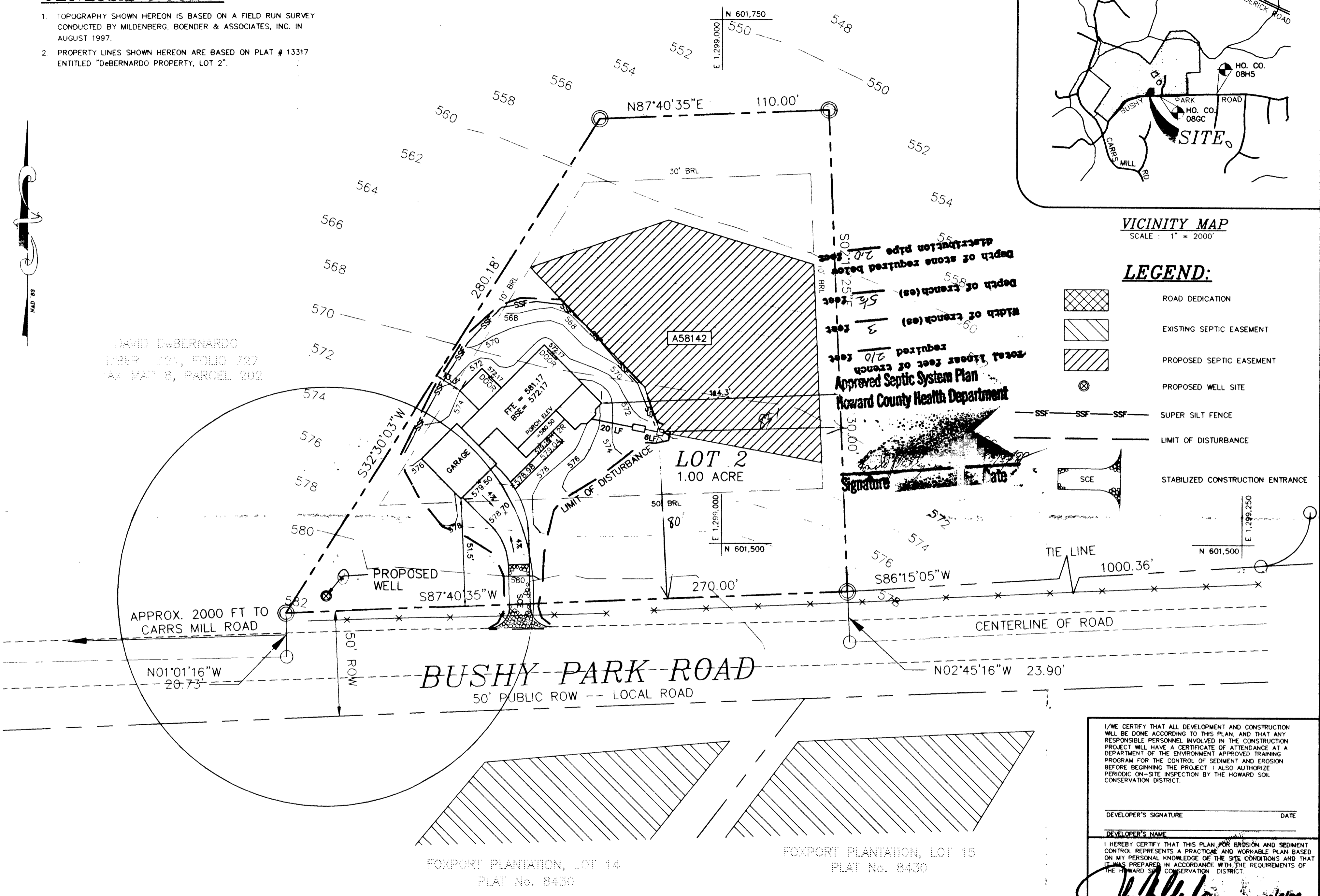
1. TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. IN AUGUST 1997.
2. PROPERTY LINES SHOWN HEREON ARE BASED ON PLAT # 13317 ENTITLED "DeBERNARDO PROPERTY, LOT 2".



VICINITY MAP
SCALE: 1" = 2000'

LEGEND:

- ROAD DEDICATION
- EXISTING SEPTIC EASEMENT
- PROPOSED SEPTIC EASEMENT
- PROPOSED WELL SITE
- SSF --- SUPER SILT FENCE
- --- LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE



FIRST FLOOR ELEV.	=	581.17
BASEMENT ELEV.	=	572.17
INV. OUT OF HOUSE	=	569.67
INV. IN SEPTIC TANK	=	569.27
INV. OUT SEPTIC TANK	=	569.02
INV. IN DIST. BOX	=	568.90
EXIST. ELEV. @ SEPTIC TANK	=	572.4
PROP. ELEV. @ SEPTIC TANK	=	572.5
EXIST. ELEV. @ DIST. BOX	=	572.4

SITE PLAN
SCALE: 1"=30'

DEVELOPER
VINCE & LIZ RANGAN
13920 TRIADDELPHIA MILL ROAD
DAYTON, MARYLAND 21036
(301) 596-9607

OWNER
DAVID DeBERNARDO
15284 BUSHY PARK ROAD
WOODBINE, MARYLAND 21797

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.

DEVELOPER'S SIGNATURE _____ DATE _____

DEVELOPER'S NAME _____

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 CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[Signature] DATE 10/2/00

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT MEETS TECHNICAL REQUIREMENTS

USDA-NATURAL RESOURCES CONSERVATION SERVICE _____ DATE _____

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

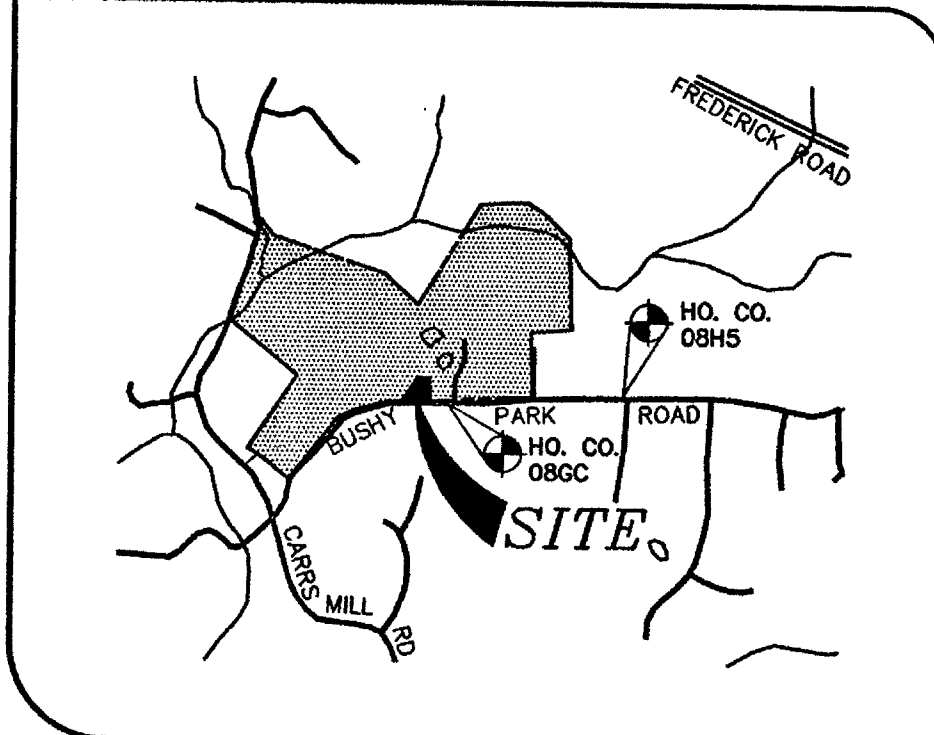
HOWARD SCD _____ DATE _____

DeBERNARDO PROPERTY, LOT 2 (PLAT 13317) PLOT PLAN
MILDENBERG, BOENDER & ASSOC. INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Fax (301) 821-6521 Wash. (410) 997-0298 Fax

Project	97068	date	OCT 1998
Illustration	SID	engineering	approval
Scale	1"=30'	Scale	1"=30'
Revisions		date	

COORDINATE LIST			CURVE DATA						
NO.	NORTH	EAST	CURVE NO.	RADIUS	LENGTH	DELTA	TANGENT	CHORD	CHORD BEARING
1	601,466.211	1,298,790.682	C1	25.00'	38.78'	88°52'38"	24.51'	35.01'	N42°05'01"E
2	601,702.509	1,298,941.226							
3	601,706.968	1,299,051.135							
4	601,477.158	1,299,060.460							
5	601,453.284	1,299,061.609							
6	601,448.550	1,298,963.222							
7	601,445.481	1,298,791.052							

NOTE: COORDINATES AND GRID TICS SHOWN HEREON ARE BASED ON NAD '83 AND ARE IN FEET. TO CONVERT TO METERS DIVIDE BY 3.28083333.



VICINITY MAP
SCALE: 1" = 2000'

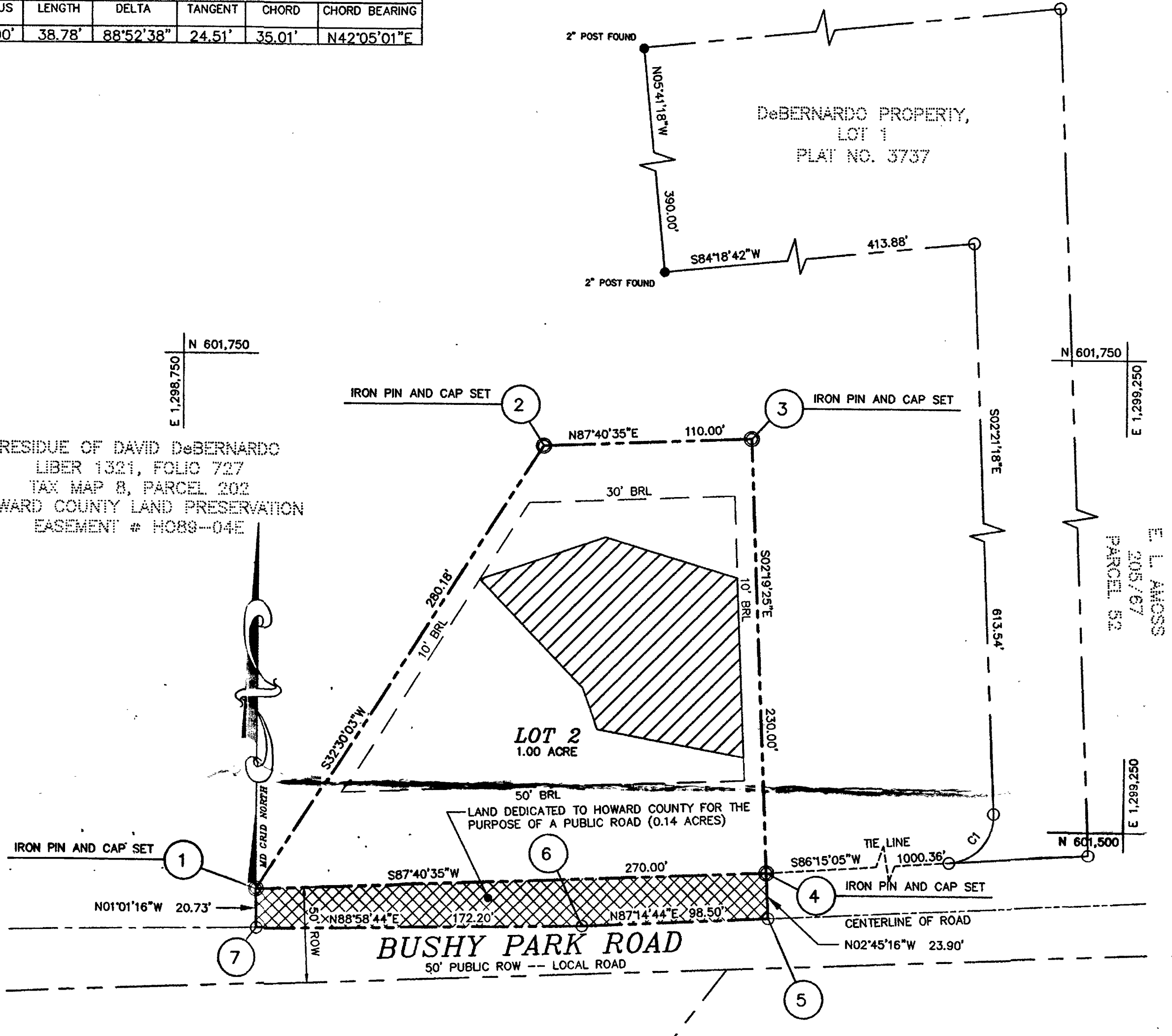
GENERAL NOTES:

- SUBJECT PROPERTY ZONED RC-DEO WITHIN THE AGRICULTURAL LAND PRESERVATION DISTRICT PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS No. 08GC & 08H5.
STA. No. 08GC N 601,441.356 EL. 567.14
E 1,299,253.972
STA. No. 08H5 N 601,562.559 EL. 612.95
E 1,301,087.216
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST 1997 BY MILDENBERG, BOENDER & ASSOCIATES, INC.
- BRL DENOTES BUILDING RESTRICTION LINE.
- DENOTES IRON PIN AND CAP SET.
- DENOTES A POST FOUND.
- DENOTES AN ANGULAR CHANGE IN DIRECTION OF THE BOUNDARY.
- NO STEEP SLOPES EXIST ON-SITE.
- NO WETLANDS OR FLOODPLAIN EXIST ON-SITE.
- NO BURIAL OR CEMETERY SITES EXIST ON-SITE.
- ALL AREAS SHOWN ARE MORE OR LESS (±).
- ▨ DENOTES LAND DEDICATED TO HOWARD COUNTY FOR THE PURPOSE OF A PUBLIC ROAD.
- ▨ THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- SURVEY WORK AND DOCUMENTS HAVE BEEN PERFORMED IN CONFORMANCE WITH SUBTITLE 13, BOARD OF PROFESSIONAL LAND SURVEYORS, 09.13.06 STATE OF MARYLAND, MINIMUM STANDARDS OF PROFESSIONAL PRACTICE.
- THIS PROJECT IS EXEMPT FROM SWM REQUIREMENTS AS PER SEC. 5.1.2.B.2 OF THE DESIGN MANUAL VOL. I.
- THIS PROJECT IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS AS PER SECTION 16.1202(b)(1)(v) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THIS PROJECT IS EXEMPT FROM OPEN SPACE REQUIREMENTS AS PER SECTION 16.121(a)(2) OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THIS LOT IS BEING SUBDIVIDED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 104.E.6 OF THE ZONING REGULATIONS.

DEVELOPER
VINCE & LIZ RANGAN
13920 TRIADDELPHIA MILL ROAD
DAYTON, MARYLAND 21036
(301) 596-9607

OWNER
DAVID DeBERNARDO
15284 BUSHY PARK ROAD
WOODBINE, MARYLAND 21797

RESIDUE OF DAVID DeBERNARDO
LIBER 1321, FOLIO 727
TAX MAP 8, PARCEL 202
HOWARD COUNTY LAND PRESERVATION
EASEMENT # H089-04E



THE REQUIREMENTS OF 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

John B. Mildenberg 8/21/98
JOHN B. MILDENBERG, SURVEYOR DATE

David DeBernardo 8/21/98
DAVID DeBERNARDO, OWNER DATE

TOTAL AREA TABULATION

TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	1
TOTAL NUMBER OF PRESERVATION PARCELS	0
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	0
TOTAL NUMBER OF LOTS OR PARCELS TO BE RECORDED	1
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	1.00 AC ±
TOTAL AREA OF PRESERVATION PARCELS	0 AC
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0 AC
TOTAL AREA OF LOTS OR PARCELS TO BE RECORDED	1.00 AC ±
TOTAL AREA OF ROADWAY TO BE RECORDED	0.14 AC ±
TOTAL AREA TO BE RECORDED	1.14 AC ±

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

James P. ... 9-2-98
HOWARD COUNTY HEALTH OFFICER, DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

William ... 9/21/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION, DATE

David ... 9/23/98
DIRECTOR, DATE

OWNER'S STATEMENT

I, DAVID DeBERNARDO, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT 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 RIGHT-OF-WAYS AND THE SPECIFIC EASEMENTS SHOWN HEREON, 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE, THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS 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 FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAY 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 ERRECTED ON OR OVER THE SAID EASEMENT AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS 21st DAY OF AUGUST, 1998.

David DeBernardo DAVID DeBERNARDO
Kevin V. Rangan WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF THE LAND CONVEYED BY DAVID DeBERNARDO AND NILDE DeBERNARDO, HIS WIFE, TO DAVID DeBERNARDO AND NILDE DeBERNARDO, HIS WIFE, BY DEED DATED JANUARY 28, 1985, AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER No. 1321 AT FOLIO 727 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, AND THE BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

John B. Mildenberg 8/21/98
JOHN B. MILDENBERG, SURVEYOR DATE

RECORDED AS PLAT 13317 ON 9-28-98 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.






Signed DeBERNARDO PROPERTY, LOT 2

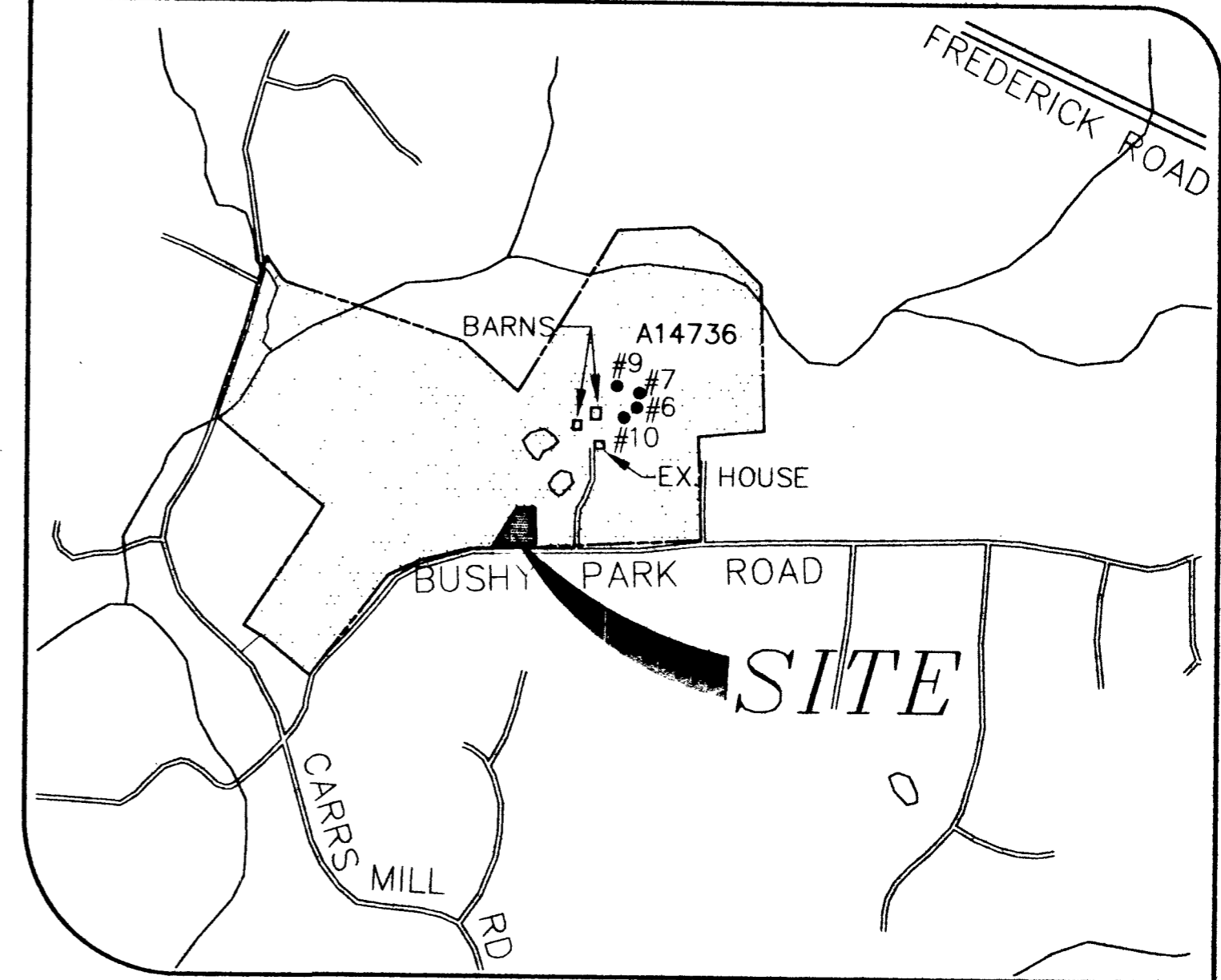
TAX MAP 8 ELECTION DISTRICT FOURTH
PARCEL No. 202 HOWARD COUNTY, MARYLAND
BLOCK 20 EX. ZONING RC-DEO
SCALE: 1"=50'
DATE: AUG 1998
DPZ FILE NOS.
VP-77-25; F-77-189;
AG FILE # H089-04E

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax

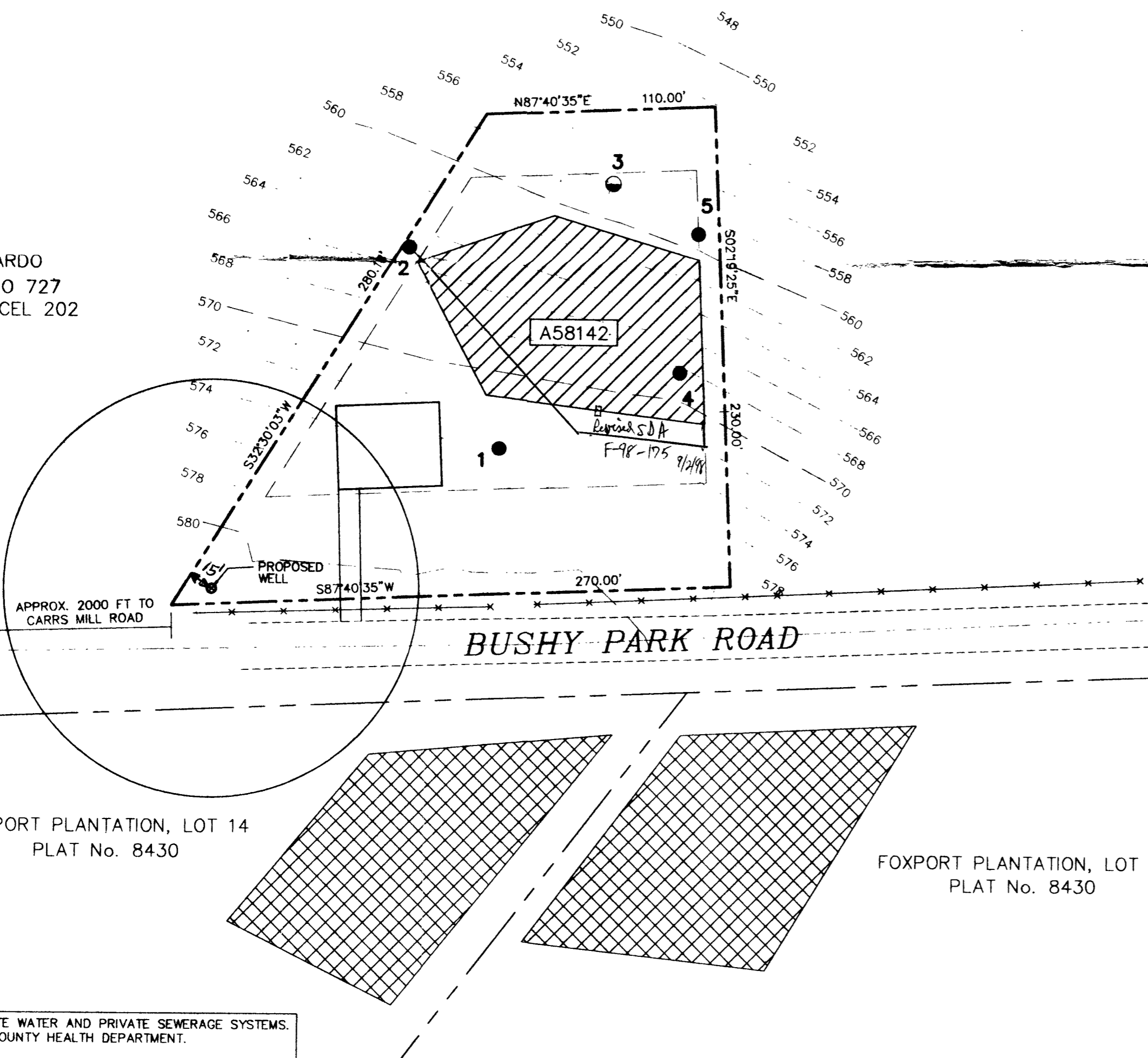
LEGEND

-  EXISTING SEPTIC EASEMENT
-  PROPOSED SEPTIC EASEMENT
-  PROPOSED WELL SITE
-  FAILED PERC HOLE
-  PASSED PERC HOLE




VICINITY MAP
SCALE : 1" = 1000'

DAVID DeBERNARDO
LIBER 1321, FOLIO 727
TAX MAP 8, PARCEL 202



GENERAL NOTES:

1. SITE DATA:
TAX MAP 8 - P/O PARCEL 202 - BLOCK 20 - LOT 2
DEED REFERENCE : 1321/727
GROSS AREA 1.00 ACRES ±
ZONE RC-DEO (ZONING MAP DATED OCTOBER 18, 1993)
AREA OF STEEP SLOPES 0 ACRES
AREA OF WETLANDS 0 ACRES
AREA IN ROW AND ROAD 0 ACRES
NET AREA OF SITE 1.00 ACRES ±
2. TOPOGRAPHIC DATA BASED ON SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. IN AUGUST 1997. BOUNDARY OF PROPOSED LOT IS BASED ON FIELD SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. IN AUGUST 1997.
3. BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON-SITE.
4. NO WETLANDS OR STREAMS EXIST ON-SITE.
5. NO FLOODPLAIN EXISTS ON-SITE.
6. PRIVATE WATER AND PRIVATE SEWERAGE WILL BE UTILIZED.
7. TO THE BEST OF OUR KNOWLEDGE, ALL WELLS AND SEPTIC AREAS WITHIN 100 FEET OF THE PROPOSED LOT HAVE BEEN SHOWN.
8.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT, RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
9. EXISTING HOUSE, BARN, AND PERC HOLES ARE LOCATED APPROXIMATELY AS SHOWN ON THE VICINITY MAP. HOLES HAVE BEEN PERCED, BUT WILL NOT BE RECORDED.
10. PROPOSED WELL ON-SITE TO BE DRILLED PRIOR TO RECORD PLAT SUBMITTAL.
11. AS PER LETTER DATED JUNE 13, 1997, A WATER SAMPLE MUST BE COLLECTED AND TESTED FOR VOC'S (VOLATILE ORGANIC COMPOUNDS) AND METAL ANALYSIS AT THE TIME OF THE WELL YIELD TEST, DUE TO THE PROXIMITY OF THE PROPOSED LOT TO THE CLOSED LANDFILL.

FOXPORT PLANTATION, LOT 14
PLAT No. 8430

FOXPORT PLANTATION, LOT 15
PLAT No. 8430

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

Jean M. Boden 10-3-97
HOWARD COUNTY HEALTH OFFICER DATE

[Signature]
10/4/97

DEVELOPER
VINCE & LIZ RANGAN
13920 TRIADDELPHIA MILL ROAD
DAYTON, MARYLAND 21036
(301) 596-9607

OWNER
DAVID DeBERNARDO
15284 BUSHY PARK ROAD
WOODBINE, MARYLAND 21797

Project	97058	date	AUG 1997
Illustration	THY/SJD	engineering	SJD
scale	1"=50'	approval	

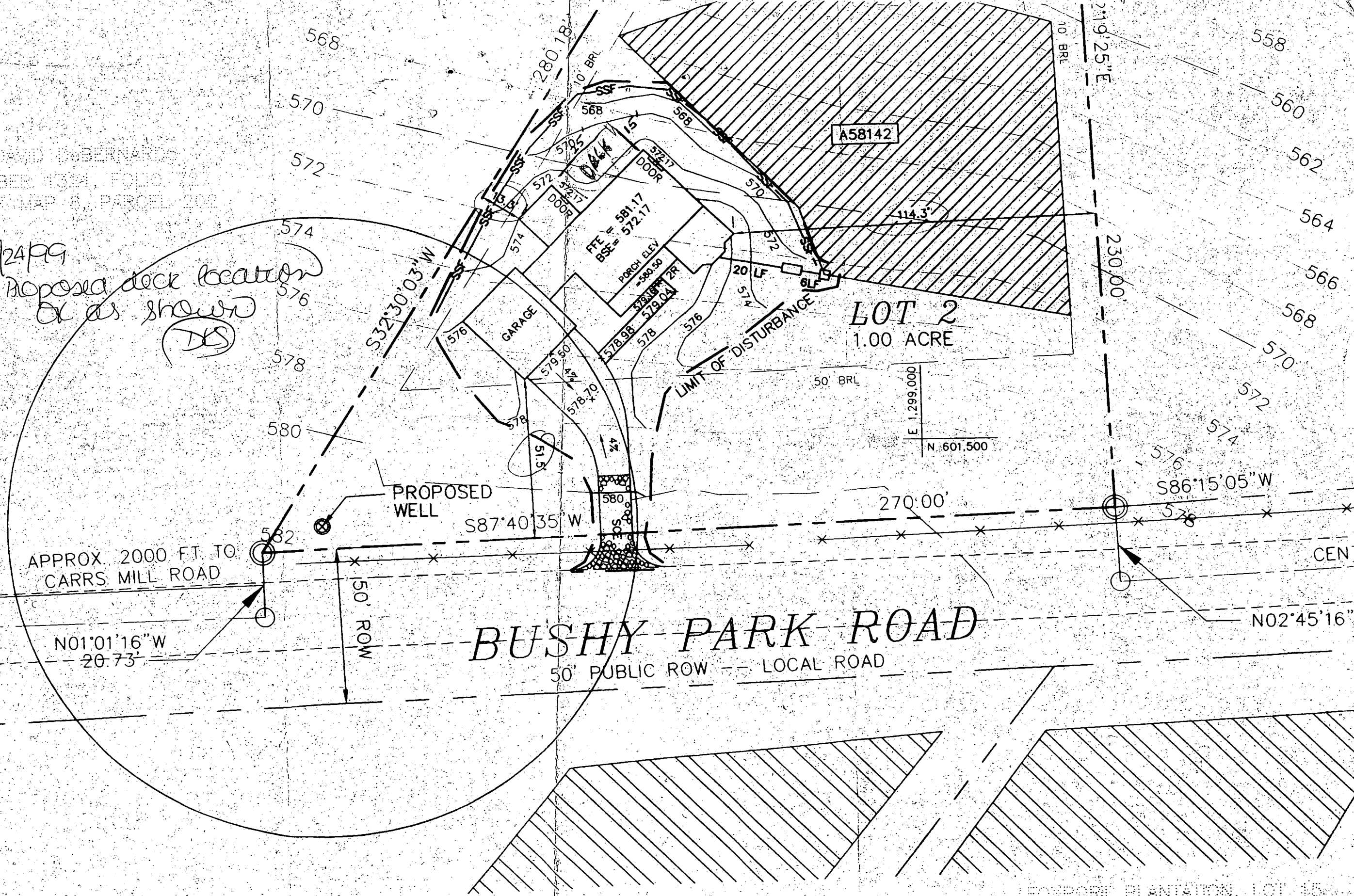
no.	description	date
	revisions	

DeBERNARDO PROPERTY,
LOT 2
TAX MAP 8 - P/O PARCEL 202 - BLOCK 20
FOURTH ELECTION DISTRICT HOWARD COUNTY MARYLAND
PERC CERTIFICATION PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dimes Hill Drive, Suite 202, Ellicott City, Maryland 21042
(410) 987-0296, Fax: (301) 621-5521, Rank: (410) 987-0296 Fax



3/24/99
Proposed deck location
as shown
(DLS)



BUSHY PARK ROAD
50' PUBLIC ROW -- LOCAL ROAD

LOT 2
1.00 ACRE

A58142

PROPOSED WELL

S87°40'35\" W

APPROX. 2000 FT. TO
CARRS MILL ROAD

N01°01'16\" W
20.73'

50' ROW

270.00'

S86°15'05\" W

N02°45'16\" W

FOXPORE PLANTATION, LOT 14
PLAT No. 8430

FOXPORE PLANTATION, LOT 15
PLAT No. 8430

FIRST FLOOR ELEV

= 581.17