

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AP 5 23 663
 AGENCY REVIEW: _____ DATE 11/15/05

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 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) The Estate of Martha Sands, c/o Charles Robert Sands, Pers. Rep.

DAYTIME PHONE _____ CELL _____ FAX _____
 MAILING ADDRESS 7409 Kalton Court Baltimore MD 21208
 STREET CITY/TOWN STATE ZIP

APPLICANT Heritage Land Development

DAYTIME PHONE 410-489-7900 CELL 410-984-0408 FAX 410-489-9768
 MAILING ADDRESS 3060 Washington Road, Suite 220 Glenwood MD 21738
 STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION SUBDIVISION NAME _____ LOT NO. 1

PROPERTY ADDRESS 14845 Bushy Park Road Woodbine
 STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 8 GRID 12 PARCEL(S) 90 PROPOSED LOT SIZE 3

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE 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.

SIGNATURE OF APPLICANT _____

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

A/P

60117

601
 red brn
 CL
 one hole
 @ 5' flag stone
 SIL
 overall
 chest
 & flag
 30% stone
 parallel in
 Rock
 ending
 bottom call

org
 brn
 myL

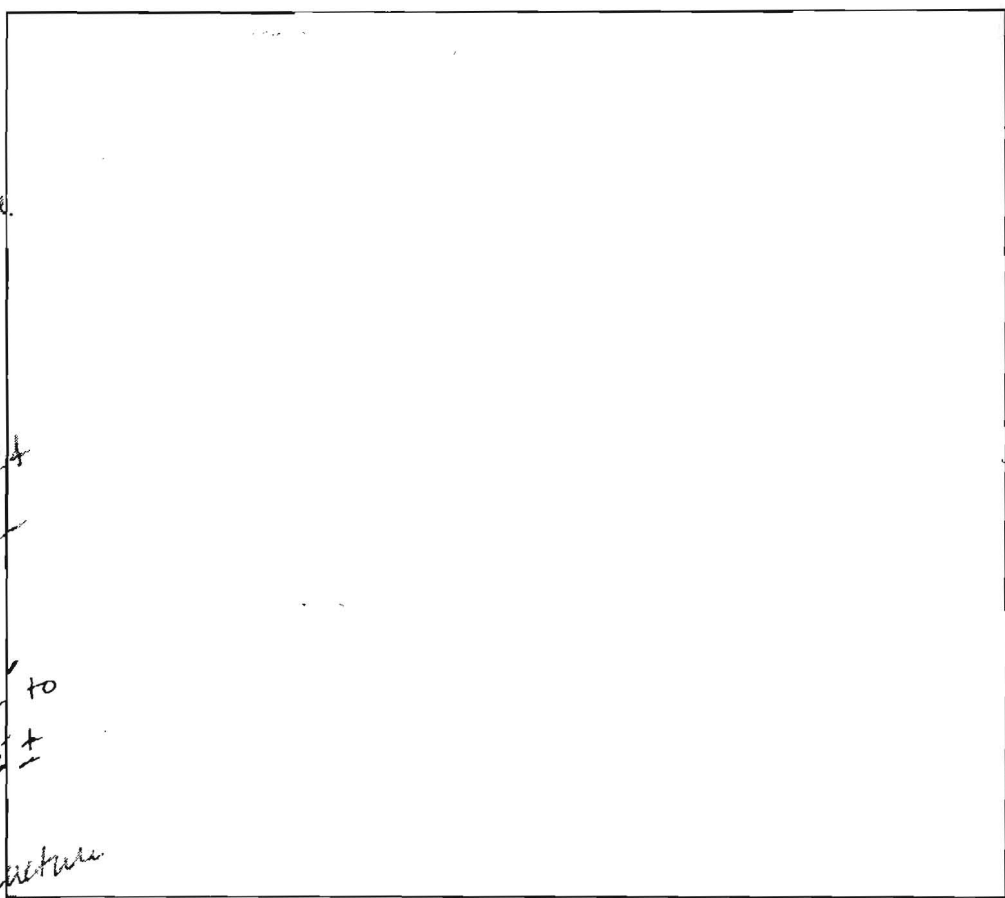
3 1/2
 Compact
 10' SIL
 some plastic
 Box 7'
 Chest
 25-30%
 1/2 Bottom

606
 org brn
 SIL

3 1/2 to
 1 1/2 ±

some
 pinky
 compact
 structure
 wk org
 yellow-
 wood gl
 STD
 chest 2 1/2
 H. Bott

606A
 org brn
 myL
 plastic
 less
 qtz
 frag
 ity brn
 loam
 Box 15%
 ok
 Bottom



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
10/2/05	601	4'5"	10:27	10:31	10:41	10	P
	606	4 1/2'	10:35	10:40	10:49	9	P
Although Pace Rates Pass, additional							
HOLES FURTHER DOWNHILL							
	606A	VISUAL					OK
	601A	VISUAL					OK

REMARKS

SANITARIAN

Kacie

BACKHOE

Level Land

OTHERS

Zippe Fager

TEST HOLES USED IN SDA

AVG. PERC TIME

SQ. FT/BR

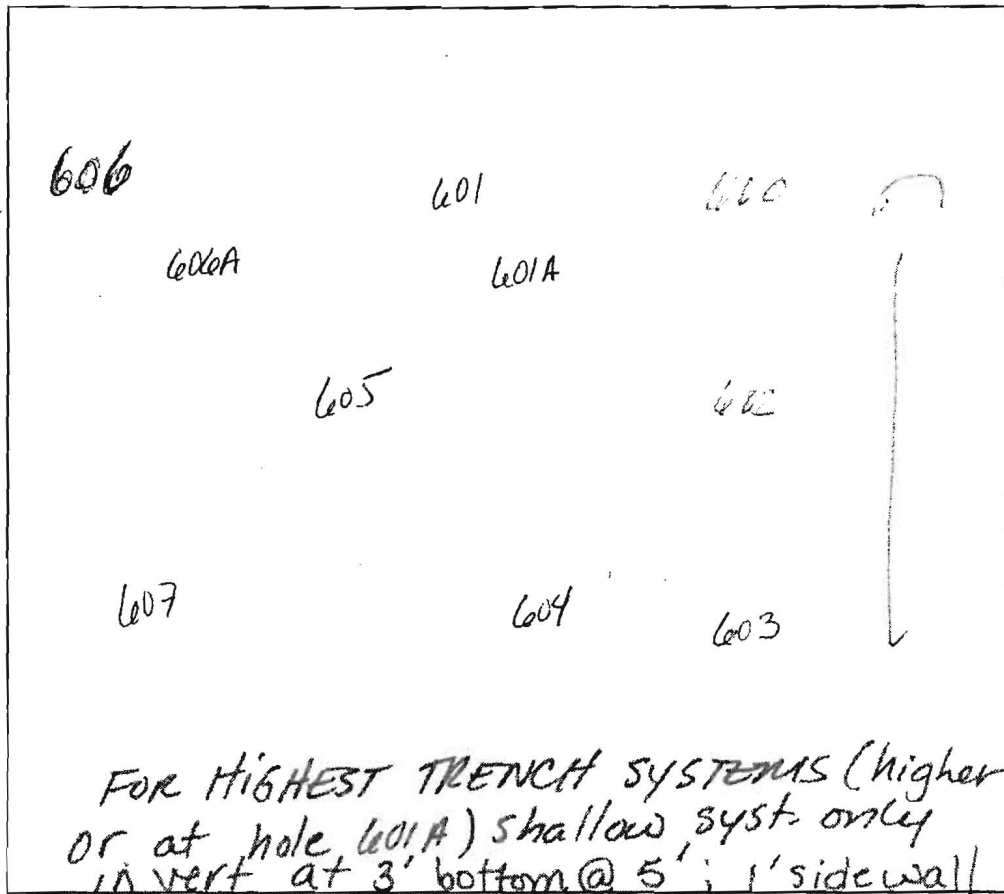
TRENCH WIDTH

INLET DEPTH

MAX. BOT DEPTH

EFFECTIVE S/W

AVP 600
 WK org brn loam
 4 1/2'
 Lt brn SL
 Saprute 10%
 Bottom 12'
 602
 Rd brn S.L.
 4
 5'
 2 1/2% stony
 pocket frag
 subst w/lt
 Bottom 12'
 603
 WK rd brn
 4 1/2'
 pink brn v.f.s/silty loam
 Bottom

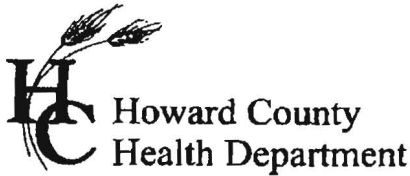


604
 Str org brn hvy L-CL
 4'
 pink yellow brn
 Bottom 12'
 607
 Str org brn hvy L
 4 1/2'
 yellow red brn lt brn SL
 Bottom 12'

DATE	TEST #	DEPTH	START	BREAK 1' DROP	STOP 2' DROP	TIME OF 2nd INCH	P/F/H
12-2-05	600	4 1/2'	9:54	10:01	10:14	13	P
	602	4' 10"	9:54	10:02	10:20	MWD	P
	603	4' 6"	10:04	10:07	10:12	3	P
	604	4 1/2'	10:11	10:16	10:23	7	P
	605	5 1/2'	10:20	@ 10:45 dig deeper	Not @ 2nd peg	no over	
	607	5' 3"	10:17	10:21	10:26	5	P
	601	Visual	OK				
	605	6' 1"	10:51	10:53	10:57	5	P
HOLES DUG AS STAKED				EXCEPT 601A & 600A			

605
 @ 4-5' cte pocket
 pink
 brn L
 str org pebbly 10%

REMARKS v.f. SANDS & SILT Saprute ~ 10-15%
 SANITARIAN Kacie Norman BACKHOE Level Land OTHERS Zepp & Feaga
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 8-10 min SQ. FT/BR 210
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 7' EFFECTIVE S/W 2' ±
 LOTS 102 HOLES DOWNHILL OF #605 - 180 ft per bedrock



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ **AP 523463**
 AGENCY REVIEW: _____ DATE **11/16/05**

DO NOT WRITE ABOVE THIS LINE

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- YES
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PROPERTY OWNER(S) **The Estate of Martha Sands, c/o Charles Robert Sands, Pers. Rep.**

DAYTIME PHONE _____ CELL _____ FAX _____
 MAILING ADDRESS **7409 Kalton Court** **Baltimore** **MD** **21208**
 STREET CITY/TOWN STATE ZIP

APPLICANT **Heritage Land Development**

DAYTIME PHONE **410-489-7900** CELL **410-984-0408** FAX **410-489-9768**
 MAILING ADDRESS **3060 Washington Road, Suite 220** **Glenwood** **MD** **21738**
 STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
 SUBDIVISION NAME _____ LOT NO. **2**

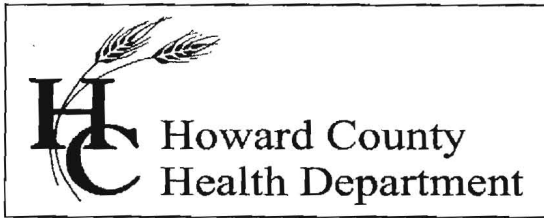
PROPERTY ADDRESS **14845 Bushy Park Road** **Woodbine**
 STREET TOWN/POST OFFICE

TAX MAP PAGE(S) **8** GRID **12** PARCEL(S) **90** PROPOSED LOT SIZE **3**

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 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147

Main: 410-313-6300 | Fax: 410-313-6303

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Acting Health Officer

October 11, 2013

To: Chuck Zepp, Applicant
~~chuckzepp@mris.com@rutterpm.com~~

From: Robert Bricker, REHS/R.S., Environmental Sanitarian II
Well and Septic Program

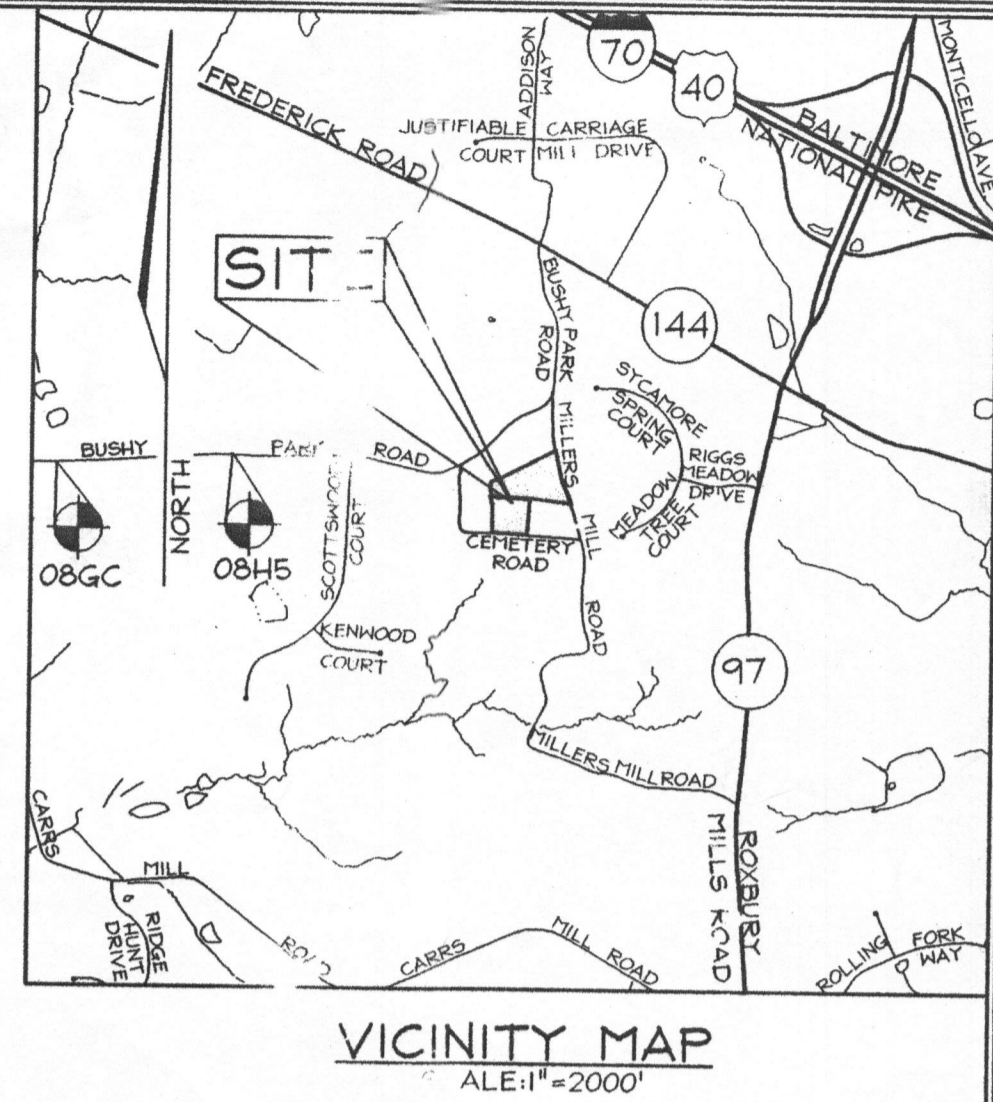
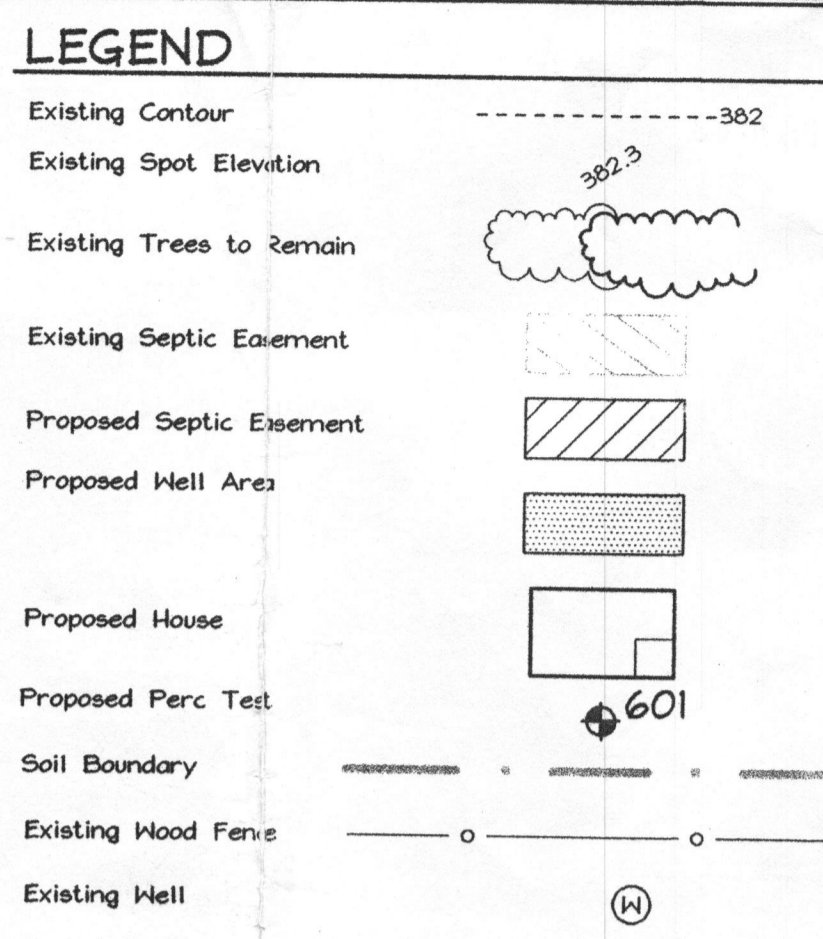
RE: CJ SANDS perc proposal

The following comments relate to the perc plan submitted October 7.

1. The well zone and existing well at 1924 Miller's Mill Road must be shown on the Percolation Test Application Plan. (See attached graphics, the Perc Cert and the Foundation Location Drawing.)
2. The Owner's Name and Address needs to be on the plan.
3. The correct Premises Address needs to be on the plan.
4. Delete entries in the Legend that are not included in the Plan View.

Enclosures: (2 graphics)

Copy: file



- ### GENERAL NOTES
- Subject property zoned RC-DEO per 02/02/04 Comprehensive Zoning Plan.
 - Total area of property = 9.272 ac.
 - Private water and Private sewer will be used within this site.
 - This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.05). Improvements of any nature in this area are restricted until public sewerage is available. These easements 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 modified sewage easement shall not be necessary.
 - All wells and septic fields within 100' of property's boundary have been shown.
 - Existing Topography based on Howard County Aerial Topography flown in 1993 and has been field verified.
 - Deed History:
 - Parcel 90: 1955-present: James E. Sands and Martha Sands
 - Parcel 91: 1962-present: James E. Sands and Martha Sands; 1926-1970: William H. Savoy and Lillie E. Savoy and Anderson Savoy and Margaret Savoy
 - The lots shown herein comply with the minimum ownership, width and lot area as required by the Maryland Department of the Environment.
 - References: Parcel 90 Liber 270, Folio 19 and Parcel 91 Liber 393, Folio 649
 - All wells to be drilled prior to submittal of record plat for signature. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered "government delay" if the well drilling holds up the Health Department signature of the record plat.
 - Well siting requirements for lot 2 and Parcel 91 will be provided by the approving Authority.

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
CgC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
EKB2	Eloak silt loam, 3 to 8 percent slopes, moderately eroded	B
EKC2	Eloak silt loam, 8 to 15 percent slopes, moderately eroded	B

PERC. CHART

Number	Elevation
600	636.21
601	634.69
601a	636.78
602	632.87
603	626.52
604	626.02
605	633.39
606	639.91
606a	637.79
607	625.80
608	600.51
609	602.21
610	596.56
611	594.87
612	594.43

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

Robert J. Walker 5/3/06
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT

OWNER
 Martha Sands
 14845 Bushy Park Road
 Woodbine, MD. 21797-8319

DEVELOPER CONTRACT PURCHASER
 Heritage Land Development
 3060 Washington Road, Suite 220
 Glenwood, Maryland 21738
 Tel.: (410)489-7900
 Fax: (410)489-4754



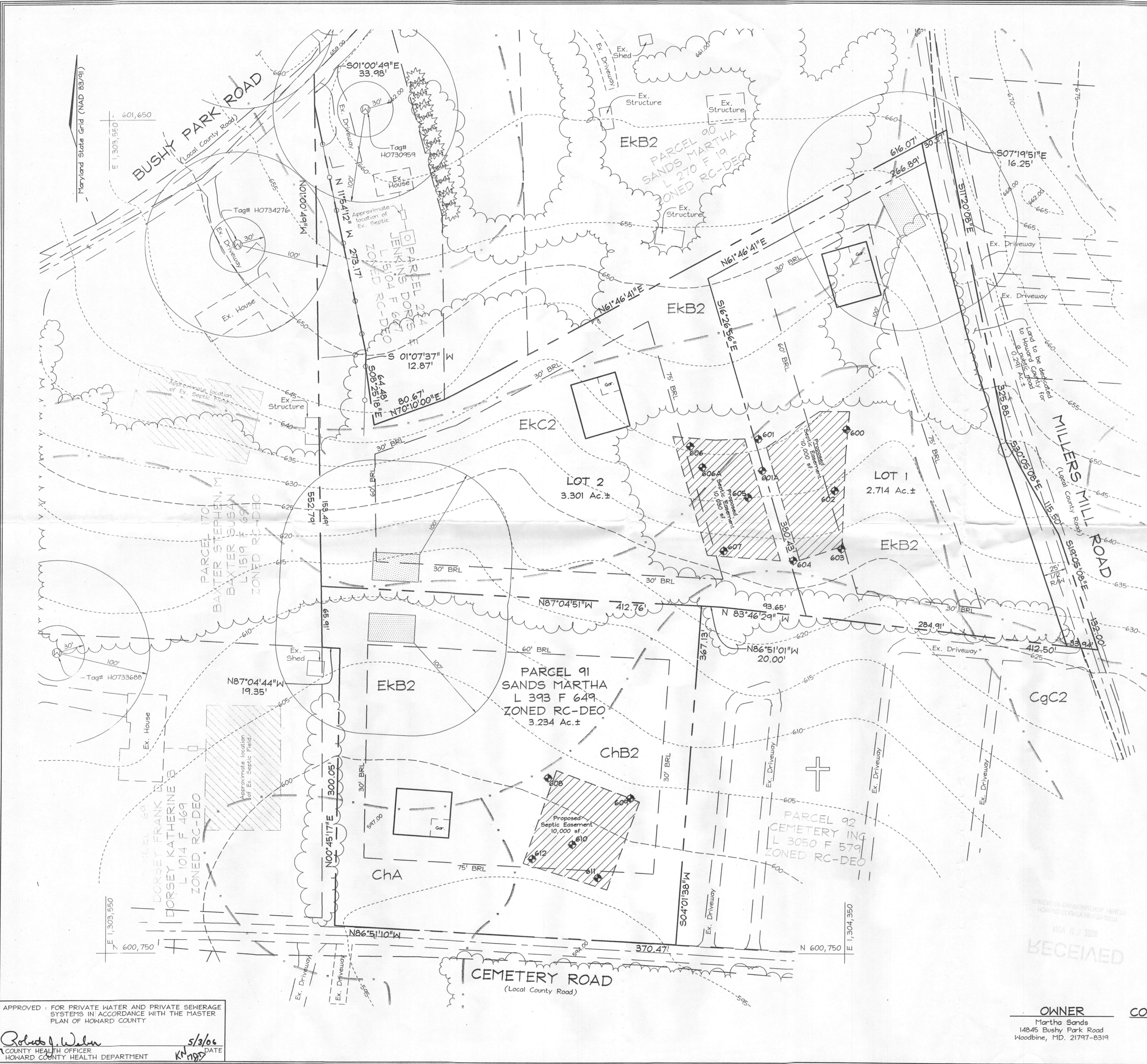
FSH Associates
 Engineers Planners Surveyors
 8318 Forest Street, #100
 Beltsville, MD 21054
 Tel: 410-750-2251 Fax: 410-750-7390
 E-mail: info@fshs.lv

DESIGN BY: PS
 DRAWN BY: HKC/D
 CHECKED BY: ZYF
 SCALE: 1"=50'
 DATE: Apr. 03, 2006
 H.O. No.: 3362
 SHEET No.: 1 OF 1

PERCOLATION CERTIFICATION PLAN
SANDS PROPERTY
 LOTS 1, 2 & PARCEL 91

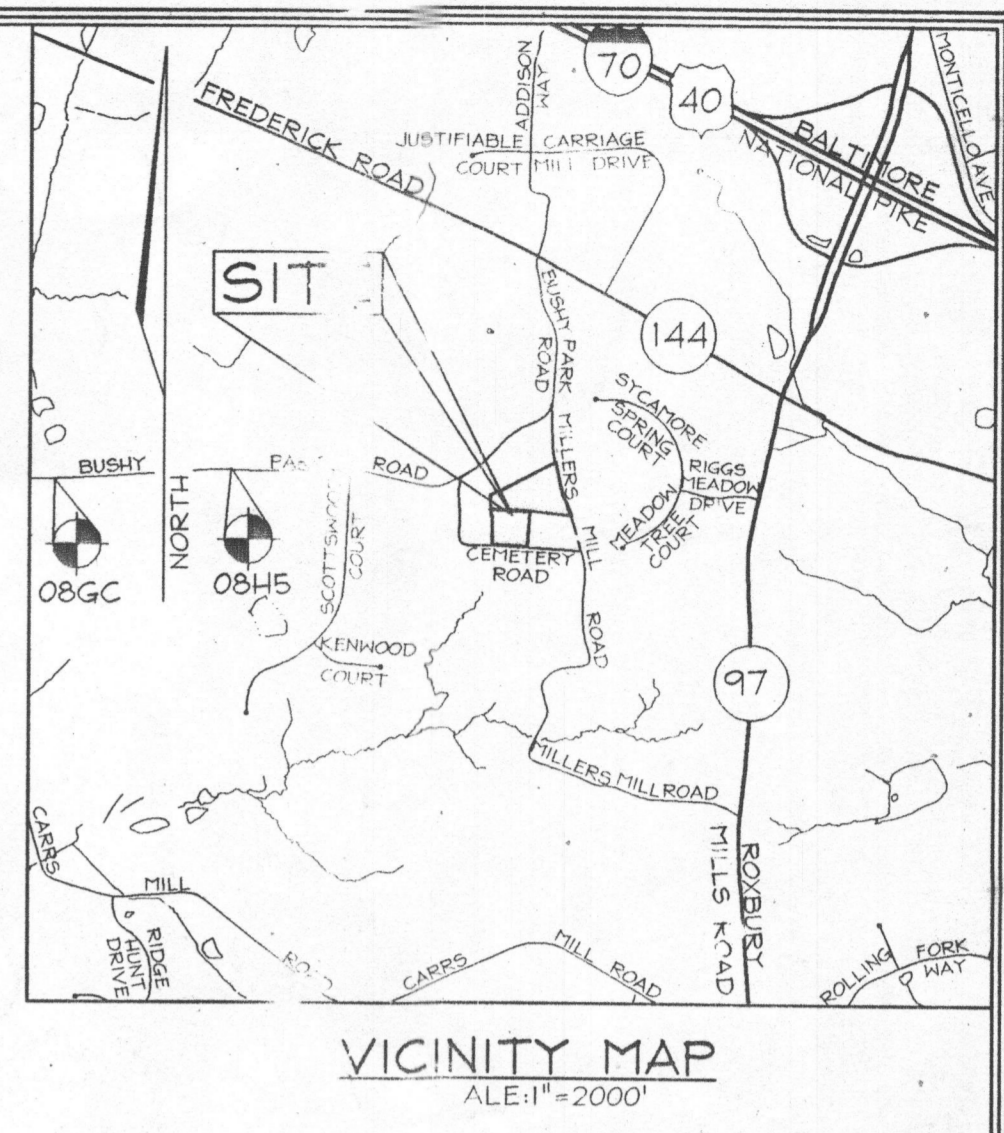
TAX MAP 8 GRID 22 PARCELS 90 & 91
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

Survey 5/3/06



LEGEND

- Existing Contour: Dashed line with elevation
- Existing Spot Elevation: Circle with number
- Existing Trees to Remain: Cloud-like outline
- Existing Septic Easement: Hatched area
- Proposed Septic Easement: Dotted area
- Proposed Well Area: Circle with crosshair
- Proposed House: Solid rectangle
- Proposed Perc Test: Square with crosshair
- Soil Boundary: Dashed line
- Existing Wood Fence: Dashed line with cross-ticks
- Existing Well: Circle with crosshair



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PERC. CHART

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607	639.91
608	637.79
609	625.80
610	600.51
611	602.21
612	596.56
613	594.87
614	594.43

PERCOLATION CERTIFICATION PLAN
SANDS PROPERTY
 LOTS 1, 2 & PARCEL 91
 TAX MAP 8 GRID 22 PARCELS 90 & 91
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY.
 Robert J. Waler
 COUNTY HEALTH OFFICER
 HOWARD COUNTY HEALTH DEPARTMENT
 5/3/06
 KN 1192

OWNER
 Martha Sands
 14845 Bushy Park Road
 Woodbine, MD. 21797-8319

DEVELOPER CONTRACT PURCHASER
 Heritage Land Development
 3060 Washington Road, Suite 220
 Glenwood, Maryland 21738
 Tel: (410)489-7900
 Fax: (410)489-4754

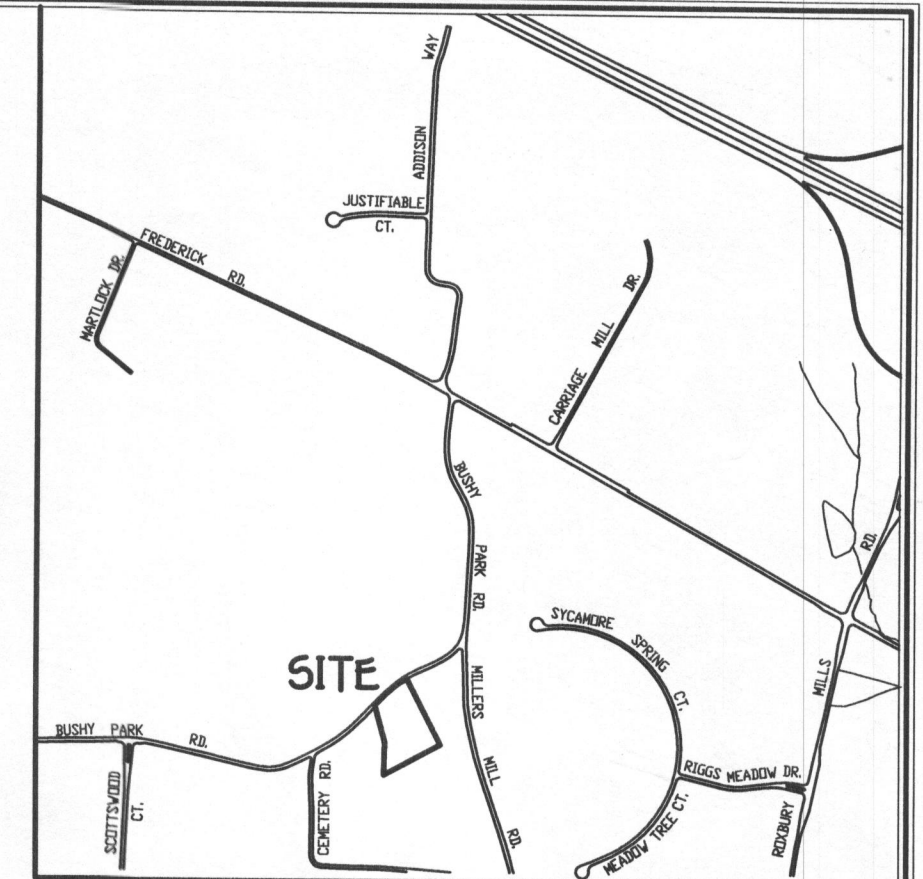


FSH Associates
 Engineers Planners Surveyors
 8318 Forrest Street
 P.O. Box 2251
 Millersville, MD 21104-0251
 Tel: 410-750-2251
 Fax: 410-750-7350
 E-mail: info@fsh.com

DESIGN BY: PS
 DRAWN BY: HKCD
 CHECKED BY: ZYF
 SCALE: 1"=50'
 DATE: Apr. 03, 2006
 P.L.O. No.: 3362
 SHEET No.: 1 OF 1

LEGEND

- EXISTING 2' CONTOURS
- - - EXISTING 10' CONTOURS
- EXISTING TREE LINE
- GLB2
MLC2
--- SOIL LINES AND TYPES
- ⊙ DENOTES PROPOSED WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊙ DENOTES PROPOSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ▨ DENOTES 15%-24.9% SLOPES
- ▩ DENOTES 25% AND GREATER SLOPE
- ⊙ DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE



VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

1. 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 EASEMENTS 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.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN
9. DEED REFERENCE LIBER 13759 FOLIO 1.

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenelg loam, 3 to 8 percent slopes	B

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

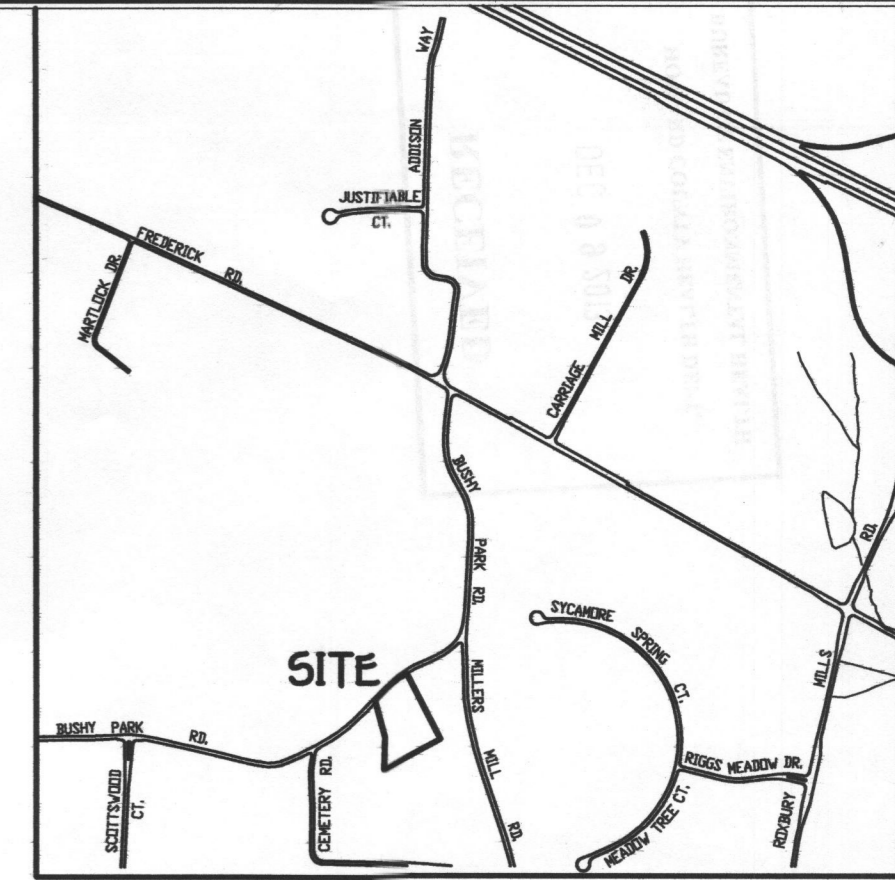
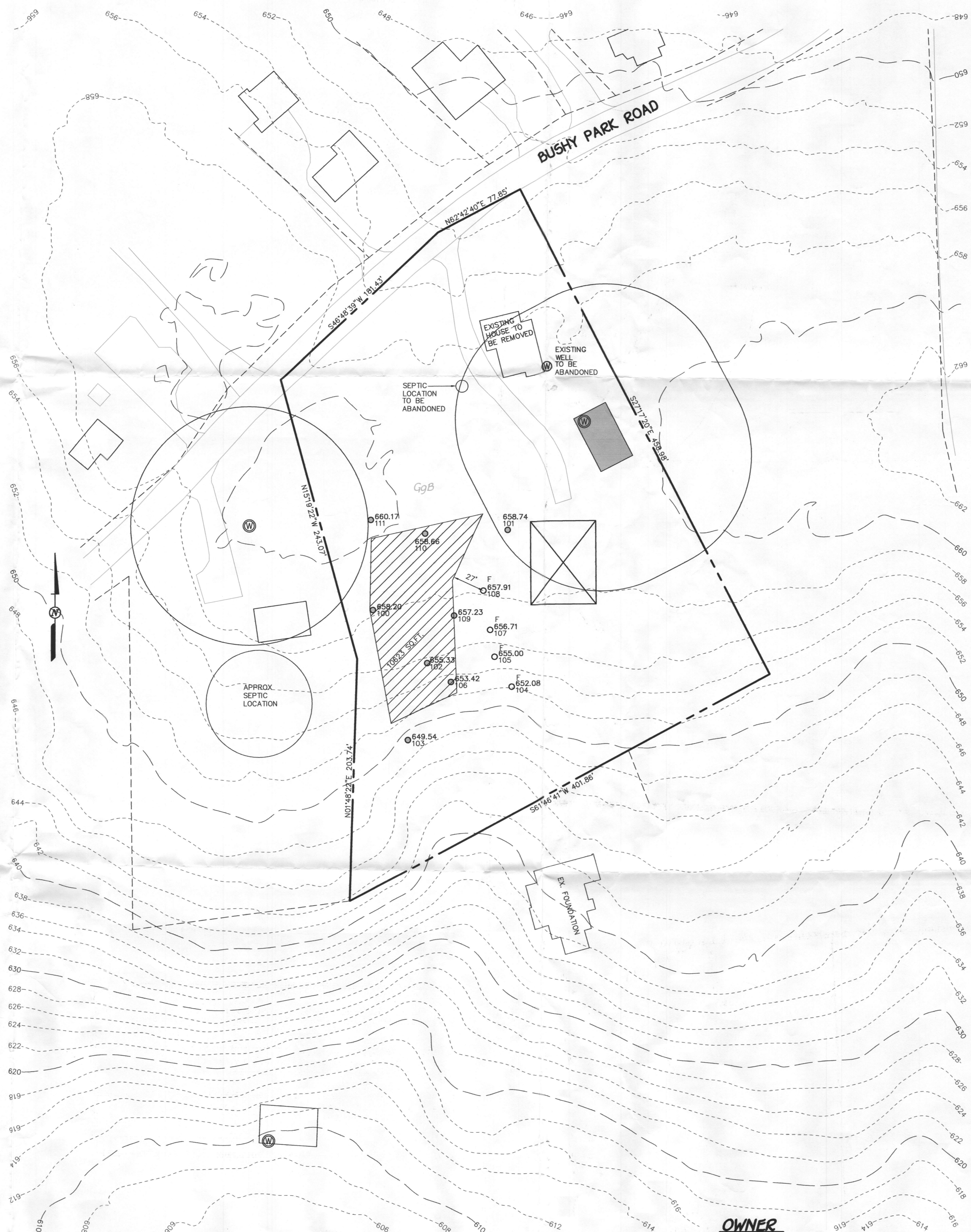
**PERC APPLICATION PLAT
CJ SANDS**

TAX MAP 08
4TH ELECTION DISTRICT
SCALE: 1"=50'

PARCEL: 90
HOWARD COUNTY, MARYLAND
DATE: OCTOBER 7, 2013

LEGEND

- - - - - EXISTING 2' CONTOURS
- - - - - EXISTING 10' CONTOURS
- ~ ~ ~ ~ ~ EXISTING TREE LINE
- CLBZ
MLCZ SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- ⊙ DENOTES 1500 Sq.Ft. WELL ZONE



VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10000 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 EASEMENTS 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. RECORDED OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
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7. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 13759 FOLIO 1.
10. EXISTING WELL TO BE SEALED AND WELL ABANDONMENT REPORT RECEIVED BY THE HEALTH DEPARTMENT PRIOR TO APPROVAL OF DEMOLITION PERMIT FOR THE SUBJECT PROPERTY (TAX MAP B, PARCEL 90).
11. EXISTING SEPTIC TANK TO BE PROPERLY ABANDONED AND DOCUMENTATION RECEIVED BY THE HEALTH DEPARTMENT PRIOR TO DEMOLITION PERMIT APPROVAL FOR THE SUBJECT PROPERTY (TAX MAP B, PARCEL 90).
12. THE NEW WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO BUILDING PERMIT APPLICATION SUBMITTAL. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT APPLICATION.
13. MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWERAGE DISPOSAL AREA (SDA) AT 10445 BUSHY PARK ROAD (TAX MAP B, PARCEL 90, PARCEL D) TO BE UPGRADDED TO THE WELL AT 10445 MILLERS HILL ROAD (TAX MAP B, PARCEL 90, LOT 2). **NOTE: SHOWN VARIANCE WITH THE CONDITION THAT A LOW-PRESSURE DISTRIBUTION DESIGN IS REQUIRED FOR ANY DRAINFIELD INSTALLED IN THE APPROVED SDA ON THIS PLAN.**

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenelg loam, 3 to 8 percent slopes	B

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- † Generally only within 100-year floodplain areas

PERC CERTIFICATION

I certify that the locations shown on this plan are field locations done under my direct supervision and are correct to the best of my professional knowledge and belief.

Terrill A. Fisher 12/19/13
Signature of Professional Land Surveyor No. 10092 Expires 12/13/13 Date

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

Maureen Korman 1/7/2014
COUNTY HEALTH OFFICER DATE

FISHER, COLLINS & CARTER, INC.
CIVIL, ENGINEERING, CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
410.461.2955

OWNER
CHARLES ROBERT SANDS JR.
9602 DEVEDENTE DRIVE
OWINGS MILLS MD 21117

PERC CERTIFICATION PLAN
CJ SANDS

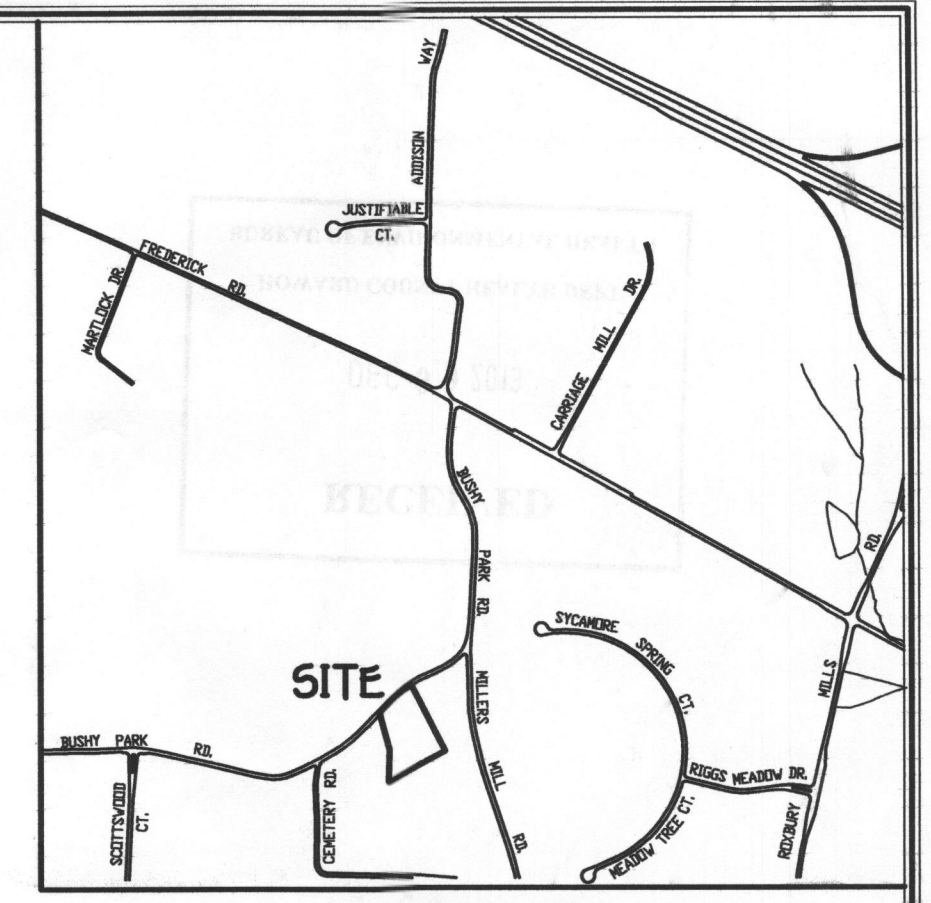
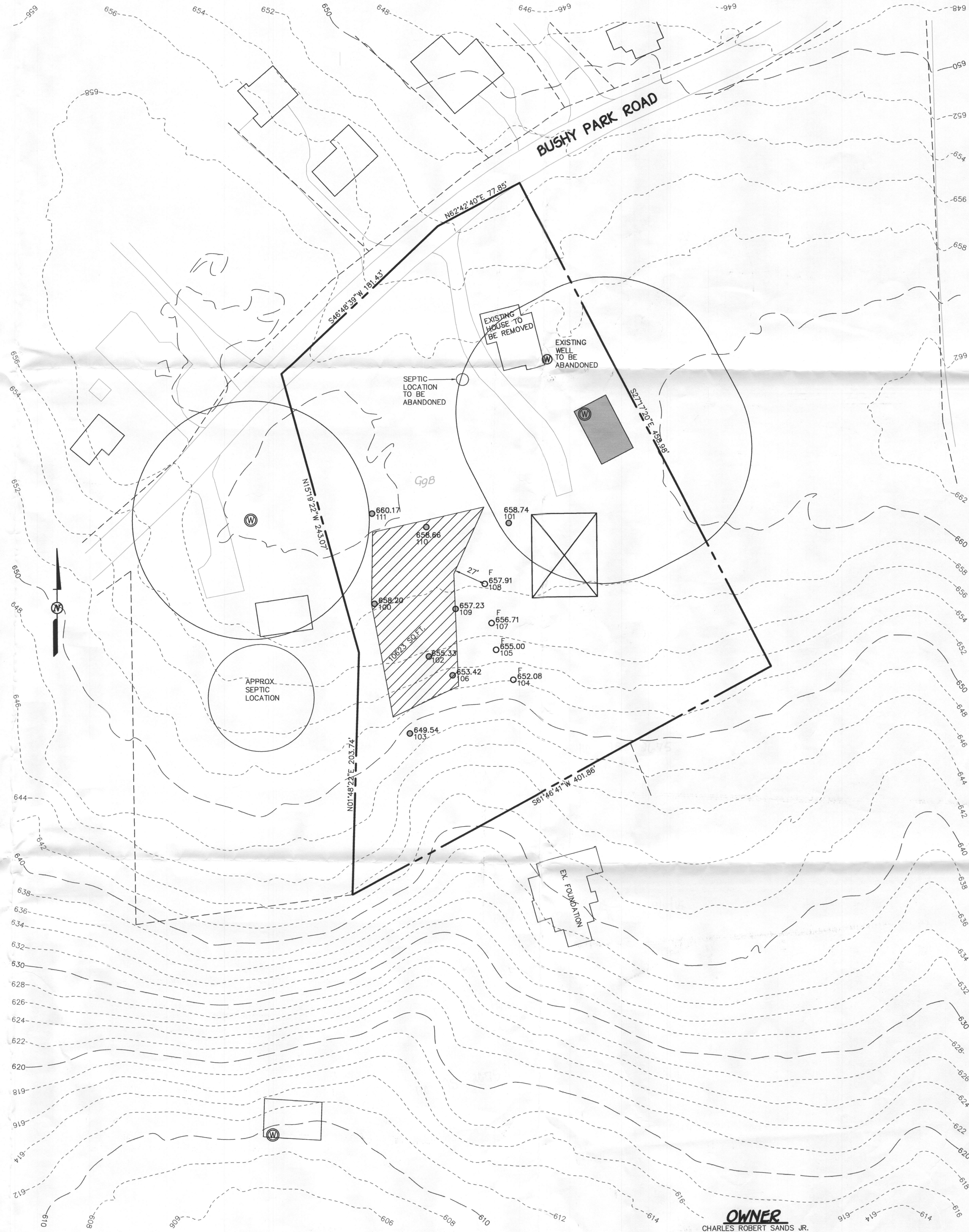
TAX MAP B PARCEL: 90
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: DECEMBER 6, 2013

D:\Drawings\3\30312\McKendree Road Petitt\CI Sands.dwg, Model, 12/16/2013 11:11:19 AM, 1:50

PC 523663

LEGEND

- EXISTING 2' CONTOURS
- EXISTING 10' CONTOURS
- EXISTING TREE LINE
- SOIL LINES AND TYPES
- ⊙ DENOTES EXISTING WELL
- DENOTES FAILED PERC
- DENOTES PASSED PERC
- ⊠ DENOTES PROPOSED HOUSE
- DENOTES 1500 Sq.Ft. WELL ZONE



VICINITY MAP
SCALE : 1" = 1200'

GENERAL NOTES:

1. 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 EASEMENTS 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.
2. ADJUSTMENTS TO SEPTIC EASEMENT AREA IS NOT PERMITTED WITHOUT ADDITIONAL TESTING.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM ALL REASONABLE EFFORTS.
5. ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
6. TOPOGRAPHY SHOWN IS FROM HOWARD COUNTY GIS TOPOGRAPHY AT 5' CONTOUR INTERVAL INTERPOLATED FOR 2' CONTOUR INTERVAL.
7. BOUNDARY OUTLINE BASED ON AVAILABLE DEED OF RECORD WITHOUT THE BENEFIT OF A FIELD SURVEY AT THIS TIME.
8. ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.
9. DEED REFERENCE LIBER 13759 FOLIO 1.
10. EXISTING WELL TO BE SEALED AND WELL ABANDONMENT REPORT RECEIVED BY THE HEALTH DEPARTMENT PRIOR TO APPROVAL OF DEMOLITION PERMIT FOR THE SUBJECT PROPERTY (TAX MAP B, PARCEL 90).
11. EXISTING SEPTIC TANK TO BE PROPERLY ABANDONED AND DOCUMENTATION RECEIVED BY THE HEALTH DEPARTMENT PRIOR TO DEMOLITION PERMIT APPROVAL FOR THE SUBJECT PROPERTY (TAX MAP B, PARCEL 90).
12. THE NEW WELL SHALL BE DRILLED PRIOR TO BUILDING PERMIT APPROVAL. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO BUILDING PERMIT APPLICATION SUBMITTAL. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT APPROVAL OF THE BUILDING PERMIT APPLICATION.
13. MARYLAND DEPARTMENT OF THE ENVIRONMENT HAS APPROVED A VARIANCE TO ALLOW THE SEWAGE DISPOSAL AREA (SDA) AT 1845 BUSHY PARK ROAD (TAX MAP B, PARCEL 90, PARCEL 1) TO BE UPGRADED TO THE WELL AT 1824 MILLER'S HILL ROAD (TAX MAP B, PARCEL 90, LOT 2). **LOW-PRESSURE DISTRIBUTION DESIGN IS REQUIRED FOR ANY DRAIN FIELD INSTALLED IN THE APPROVED SDA ON THIS PLAN.**

SOILS LEGEND

SOIL	NAME	CLASS
GgB	Glenns loam, 3 to 8 percent slopes	B

- NOTES:**
- * Hydric soils and/or contains hydric inclusions
 - ** May contain hydric inclusions
 - † Generally only within 100-year floodplain areas

PERC CERTIFICATION
I certify that the locations shown hereon were 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*
Date: 12/9/13
Terrell A. Fisher, Professional Land Surveyor, No. 1092 Expires 12/13/13

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
Signature of County Health Officer: *Maura Roseman*
DATE: 01/07/2014

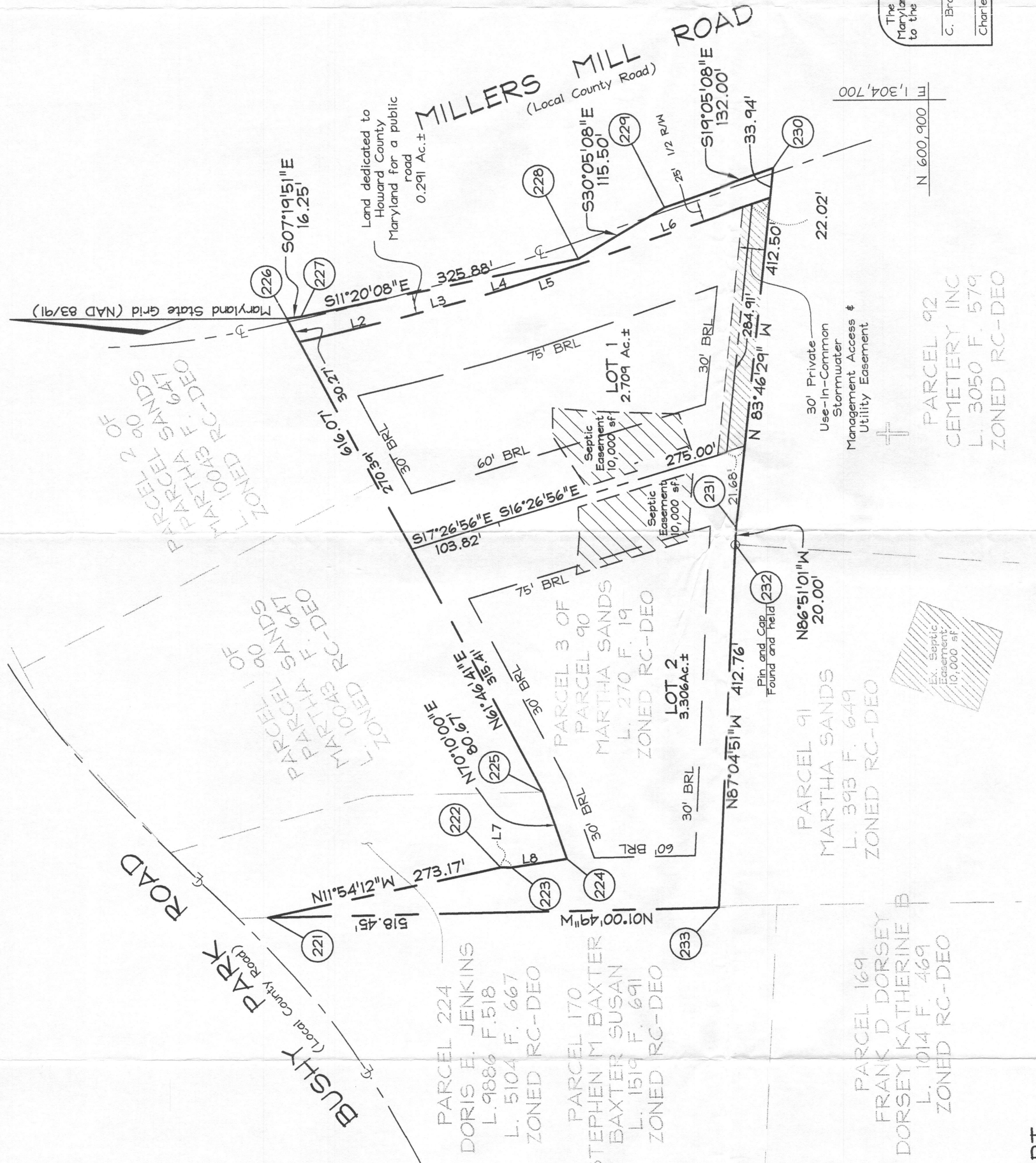
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21042
410.461.2950

OWNER
CHARLES ROBERT SANDS JR.
9602 DEVEDENTE DRIVE
OWINGS MILLS MD 21117

PERC CERTIFICATION PLAN
CJ SANDS

TAX MAP B PARCEL: 90
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: DECEMBER 6, 2013

BOUNDARY LINE TABLE	LINE	LENGTH	BEARING
	L1	17.25	S11°47'53"E
	L2	100.31	S13°02'33"E
	L3	86.48	S14°31'09"E
	L4	56.85	S16°28'20"E
	L5	60.51	S18°00'18"E
	L6	242.54	S18°29'53"E
	L7	12.87	N01°07'37"E
	L8	64.48	N08°25'18"W



N 601,700
E 1,303,350

N 600,900
E 1,303,350

AREA TABULATION CHART

- Total number of Buildable Lots to be recorded: 2
- Total area of Buildable Lots to be recorded: 6.015 Acres
- Total area of Public Road Right of Way = 0.291 Acres
- Total area of Subdivision to be recorded: 6.306 Acres

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

Howard County Health Officer _____ Date _____

APPROVED: Howard County Department of Planning and Zoning

Chief, Development Engineering Division _____ Date _____

Director _____ Date _____

OWNER'S CERTIFICATE

I, Charles R. Sands, personal representative of Martha Sands, deceased, 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, its heirs, assigns, and assigns, the right to lay, construct and maintain sewers, drains, water pipes and other Municipal utilities and services in and under all road 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 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 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 said Easements and Rights-of-Way.

Witness my hand this _____ day of _____, 2006.

Charles R. Sands (Personal Representative of Martha Sands, deceased) _____ Witness _____

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of the third parcel of the lands conveyed by McKinley Dorsey and Lucille Dorsey, John N. Howard and Florence Howard, and James Sands and Martha Sands to James Sands and Martin Sands, by deed dated July 13, 1955 recorded in the land records of Howard County in Liber 270, folio 19, 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.

C. Brooke Miller (MD Property Line Surveyor #135) _____ Date _____

Recorded as Plat No. _____ on _____
Among the Land Records of Howard County, Maryland.

SUBDIVISION PLAT OF SANDS PROPERTY LOTS 1 & 2

TAX MAP 8, GRID 22, PARCEL 90 (THIRD PARCEL)
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
Scale: 1"=100'
Date: October 31, 2006
Sheet: 2 of 2

OWNER/DEVELOPER

CHARLES R. SANDS
Personal Representative
of the Estate of Martha Sands
14845 Bushy Park Road
Woodbine, Maryland 21797-8319

FSH Associates

Engineers Planners Surveyors
6339 Howard Lane ElkrIDGE, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@sheri.com

C. Brooke Miller (MD Property Line Surveyor #135) _____ Date _____
Charles R. Sands (Personal Representative of Martha Sands, deceased) _____ Date _____

The Requirements § 3-108, The Real Property Article, Annotated Code of Maryland, 1994 Replacement Volume, (As supplemented) as far as they relate to the making of this Plat and the Setting of Markers have been complied with.

PARCEL 92
CEMETERY INC
L. 3050 F. 579
ZONED RC-DEO

PARCEL 91
MARTHA SANDS
L. 393 F. 649
ZONED RC-DEO

PARCEL 169
FRANK D DORSEY
DORSEY KATHERINE B
L. 1014 F. 469
ZONED RC-DEO

PARCEL 224
DORIS E. JENKINS
L. 9886 F. 518
L. 5104 F. 667
ZONED RC-DEO

PARCEL 170
STEPHEN M BAXTER
BAXTER SUSAN
L. 1519 F. 691
ZONED RC-DEO

PARCEL 2 OF
MARTHA SANDS
L. 10048 F. 647
ZONED RC-DEO

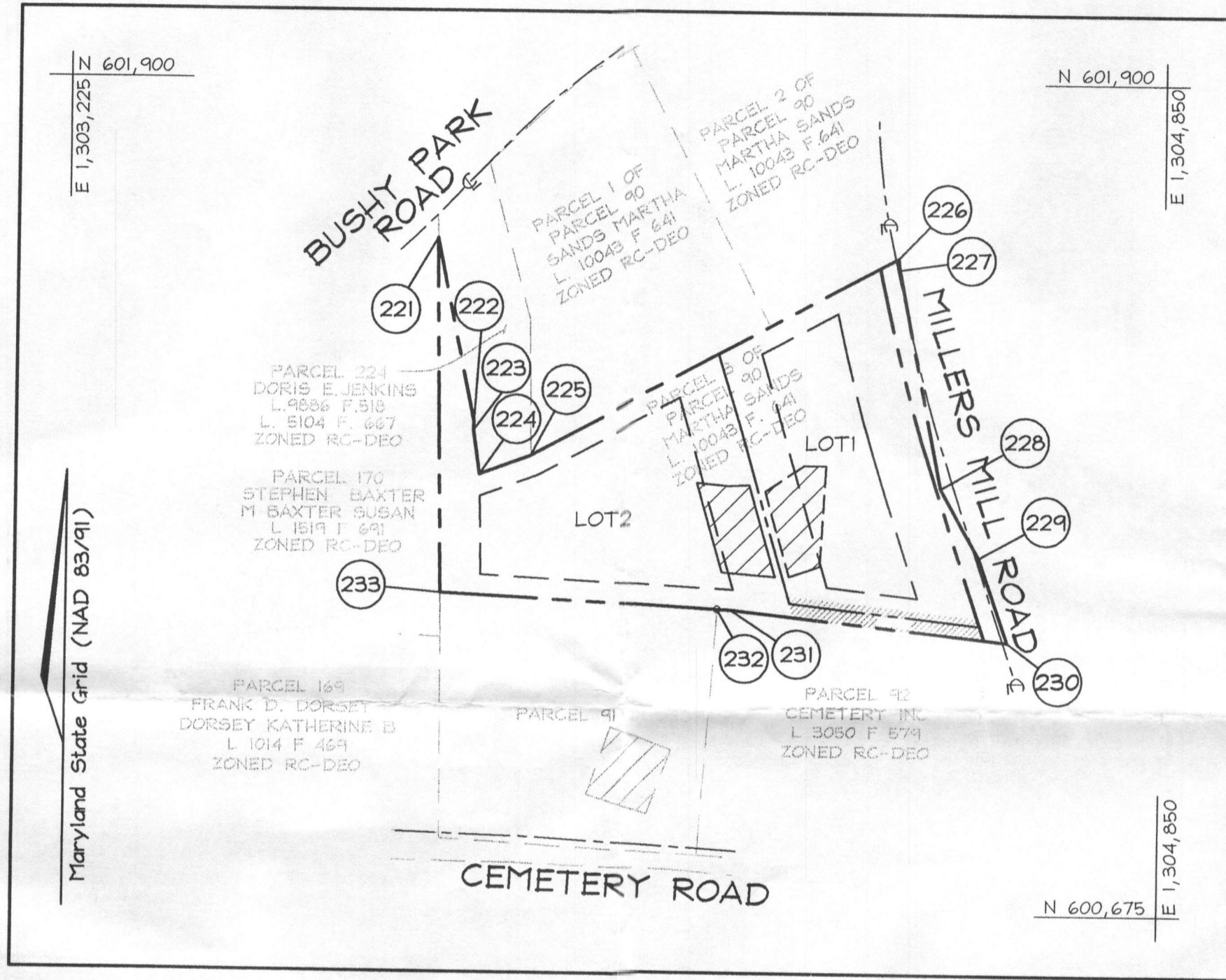
PARCEL 1 OF
MARTHA SANDS
L. 10048 F. 647
ZONED RC-DEO

PARCEL 3 OF
MARTHA SANDS
L. 270 F. 19
ZONED RC-DEO

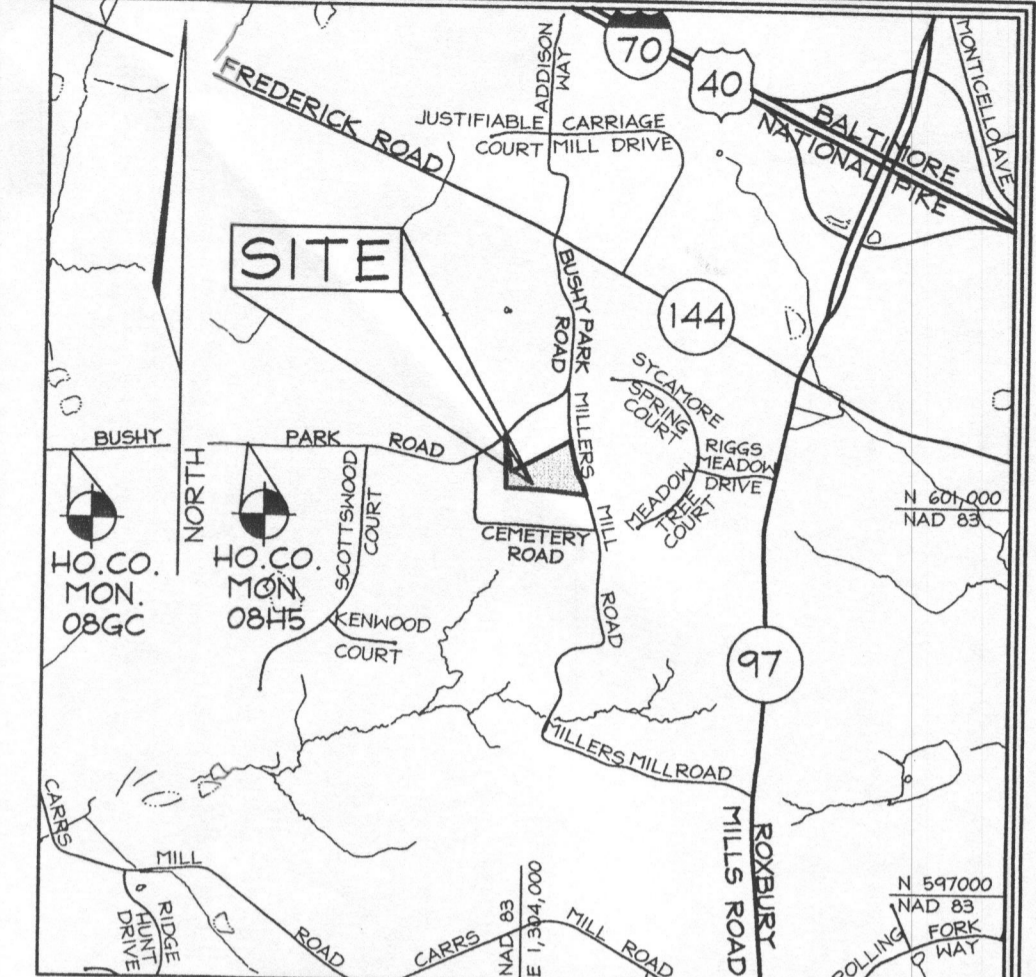
GENERAL NOTES

- Subject property zoned RC-DEO per 2/2/04 Comprehensive Zoning Plan.
- Coordinates based on NAD '83, Maryland Coordinate System as projected by Howard County. Geodetic Control Stations No. 08H5 and No. 08GC. Denotes approximate location (see location map).
Sta. 08H5 N 601,562.569 ft E 1,301,087.210 ft Elev. 612.43 ft
Sta. 08GC N 601,441.372 ft E 1,299,253.990 ft Elev. 566.65 ft
- Denotes pin and cap found and held.
- In accordance with section 16.1202.(b).(viii) of the Howard County subdivision regulations, This site is exempt from Forest Conservation Requirements.
- This area designates a private sewage easement of at least 10,000 square feet as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.03). Improvements of any nature in this area are restricted until public sewage is available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant adjustments to the private sewage easement. Recrdation of a modified sewage easement shall not be necessary.
- BRL Denotes Building Restriction Line.
- This plat is based on field run Monumented Boundary Survey performed on or about September 2005 By FSH Associates. All lot areas are more or less(+/-).
- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and road right-of-way line and not to the pipestem lot driveway.
- Driveway(s) shall be provided prior to issuance of a use and occupancy permit to ensure safe access for fire and emergency vehicles per the following requirements:
 - Width - 12 feet (14 feet serving more than one residence);
 - Surface - six (6") inches of compacted crusher run base with tar and chip coating (1-1/2' Minimum);
 - Geometry - Maximum 14% grade, Maximum 10% grade change and 45-foot turning radius;
 - Structures (culverts/bridges) - capable of supporting 25 gross tons (H25-loading);
 - Drainage elements - capable of safely passing 100 year flood with no more than 1 foot depth over surface;
 - Structure clearances - minimum 12 Feet;
 - Maintenances - sufficient to ensure all weather use
- Distances shown are based on surface measurement and not reduced to NAD '83 grid measurement.
- References: Liber 270, Folio 19.
- In accordance with section 16.120(b).(2).(ii) of the Subdivision and Land Development Regulations due to Public Right of Way Dedication the minimum lot size of lot 1 was reduced by up to 10% of the minimum lot size not to exceed the amount of dedication.
- There are no floodplains, steep slopes, historic structures or cemeteries on-site.
- There are no existing structures on-site.
- The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland State Department of the Environment.
- Landscaping for this subdivision is provided in accordance with Section 16.124 of the Howard County Code and the Landscape Manual. Surety in the amount of \$3,300.00 (9 shade trees at \$300 each and 4 ornamental trees @ \$150.00 each) provided with the grading permit.
- The required landscaping will be planted at the time of house construction.
- Stormwater management for this site is provided as follows: The site is exempt from providing CPV, WQV and Rev is provided by rooftop and non rooftop disconnects.
- There is no 100 year floodplain existing on site.
- Open space obligation is fulfilled by payment of \$1,500.00 fee-in-lieu of providing open space.
- All wells and septic fields within 100' of property's boundary have been shown.
- All wells to be drilled prior to submittal of record plat for signature. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered 'government delay' if the well drilling holds up the Health Department signature of the record plat.
- Due to the limited sight distance along the frontage of the property access to the site is restricted to one point of access at the frontage of Lot 2 onto Millers Mill Drive.

Reservation Of Public Utility And Forest Conservation Easements
 "Developer reserves unto itself, its successors and assigns, all easements shown on this plan for water, sewer, storm drainage, other public utilities over, and through lots 1 and 2, any conveyances of the aforesaid lots shall be subject to the easements herein reserved, whether or not expressly stated in deed(s) conveying said lot(s).
 Developer shall execute and deliver deeds for the easements herein reserved to Howard County. Upon completion of the public utilities and their acceptance by Howard County and the release of Developer's surety posted with said agreement. The county shall accept the easements and record the deed(s) of easement in the Land Records of Howard County."



LOCATION MAP
SCALE: 1"=200'



VICINITY MAP
SCALE: 1"=2000'

MINIMUM LOT SIZE CHART

LOT NUMBER	GROSS AREA (AC)	PIPESTEM AREA (AC)	MINIMUM LOT SIZE
2	3.306±	*0.281±	3.025±

*Pipe stem area includes 0.133± Ac. of non-useable lot area that is less than 50 feet in width.

COORDINATE TABLE

POINT	NORTHING	EASTING
221	601,665.3801	1,303,771.5982
222	601,398.0853	1,303,827.9427
223	601,385.2165	1,303,827.6895
224	601,321.4277	1,303,837.1336
225	601,348.7968	1,303,913.0171
226	601,640.1287	1,304,455.8501
227	601,624.0068	1,304,457.9242
228	601,304.4839	1,304,521.9780
229	601,204.5444	1,304,579.8774
230	601,079.8003	1,304,623.0390
231	601,124.5302	1,304,212.9713
232	601,125.6290	1,304,193.0015
233	601,146.6504	1,303,780.7748

AREA TABULATION CHART

- Total number of Buildable Lots to be recorded: 2
Total area of Buildable Lots to be recorded: 6.015 Acres±
- Total area of Public Road Right of Way = 0.291 Acres±
- Total area of Subdivision to be recorded: 6.306 Acres±

The Requirements § 3-108, The Real Property Article, Annotated Code of Maryland, 1999 Replacement Volume, (As supplemented) as far as they relate to the making of this Plat and the Setting of Markers have been complied with.

C. Brooke Miller (MD Property Line Surveyor #135) _____ Date _____
 Charles R. Sands (Personal Representative of Martha Sands, deceased) _____ Date _____

OWNER/DEVELOPER

CHARLES R. SANDS
 Personal Representative
 of the Estate of Martha Sands
 14845 Bushy Park Road
 Woodbine, Maryland 21797-8319

FSH Associates

Engineers Planners Surveyors
 6339 Howard Lane Elkridge, MD 21075
 Tel: 410-567-5200 Fax: 410-796-1562
 E-mail: info@fsheri.com

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

Howard County Health Officer _____ Date _____

APPROVED: Howard County Department of Planning and Zoning

Chief, Development Engineering Division _____ Date _____

Director _____ Date _____

OWNER'S CERTIFICATE

I, Charles R. Sands, personal representative of Martha Sands, deceased, 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 road 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 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 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 said Easements and Rights-of-Way.
 Witness my hand this _____ day of _____, 200__.

Charles R. Sands (Personal Representative of Martha Sands, deceased) _____ Date _____
 _____ Date _____
 Witness

SURVEYOR'S CERTIFICATE

I hereby certify that the final plat shown hereon is correct; that it is a subdivision of the third parcel of the lands conveyed by McKinley Dorsey and Lucille Dorsey, John N. Howard and Florence Howard, and James Sands and Martha Sands to James Sands and Martin Sands, by deed dated July 13, 1955 recorded in the land records of Howard County in Liber 270, folio 19, 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.

C. Brooke Miller (MD Property Line Surveyor #135) _____ Date _____

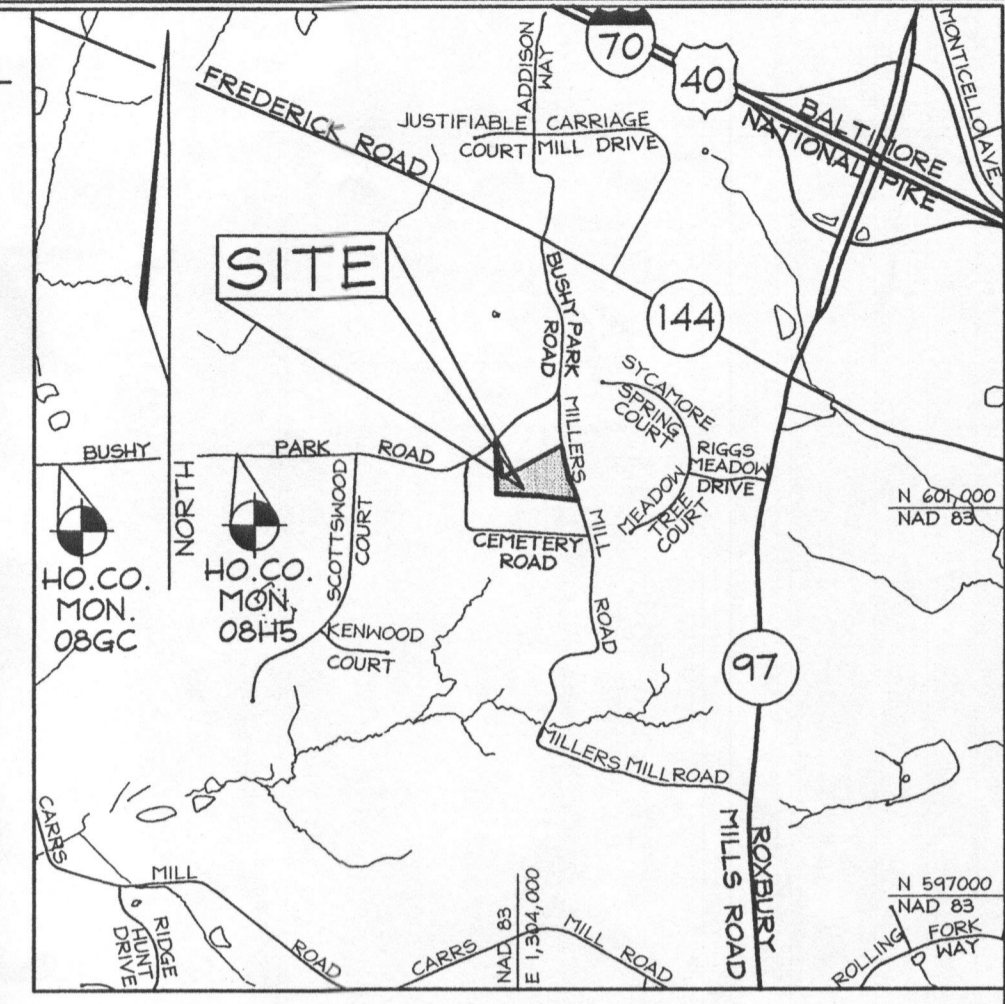
Recorded as Plat No. _____ on _____
 Among the Land Records of Howard County, Maryland.

SUBDIVISION PLAT OF SANDS PROPERTY LOTS 1 & 2
 TAX MAP 8, GRID 22, PARCEL 90 (THIRD PARCEL)
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 Scale: As Shown
 Date: October 31, 2006
 Sheet: 1 of 2



LEGEND

- Existing Contour
- Proposed Contour
- Existing Spot Elevation
- Proposed Spot Elevation
- Existing Trees to Remain
- Proposed Septic Easement
- Proposed Well Area
- Proposed House
- Percolation Test Hole (Passed)
- Soil Boundary
- Existing Flood Fence
- Existing Well
- Limit of Disturbance
- Super Silt Fence
- Level Spreaders



LANDSCAPE NOTES

1. At the time of installation, all shrubs and other plantings herewith listed and approved for this site, shall be of the proper height requirements in accordance with the Howard County Landscaping Plan. In addition, no substitutions or relocation of required plantings may be made without prior review and approval from the Department of Planning and Zoning. Any deviation from this approved Landscape Plan may result in denial or delay in the release of landscape surety until such time as all required materials are planted and/or revisions are made to applicable plans and certificates.
2. The owner, tenant, and/or their agents shall be responsible for maintenance of the required landscaping, including both plant materials and berms, fences and walls. All plant materials shall be maintained in good growing condition, and when necessary, replaced with new materials to ensure continued compliance with applicable regulations. All other required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced.
3. Financial surety for the required landscaping will be posted as part of the Grading Permit in the amount of \$3,300.00 (9 shade trees @ \$300.00 each and 4 ornamental trees @ \$150.00 each).

LANDSCAPE SCHEDULE

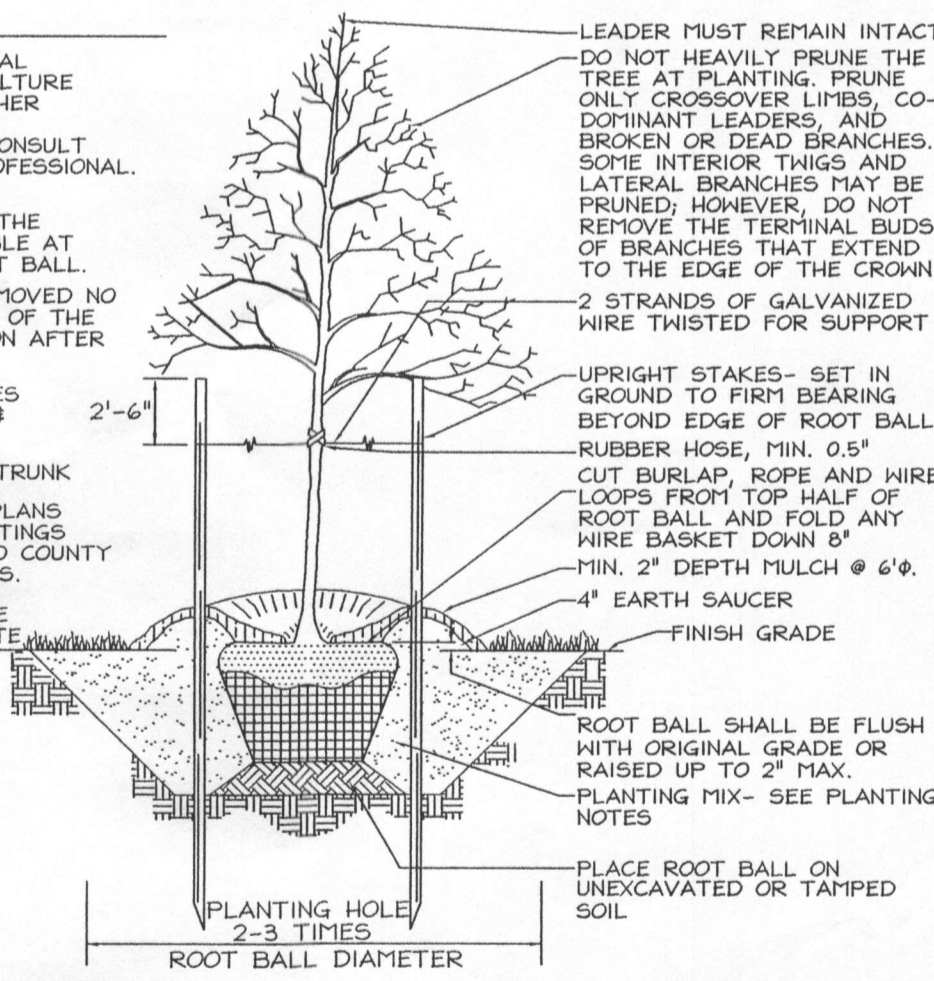
KEY	QUAN	BOTANICAL/COMMON NAME	SIZE	NOTE
	5	Liriodendron tulipifera Tulip Poplar	2 1/2"-3" Cal.	B & B
	4	Quercus acutissima Scautooth Oak	2 1/2"-3" Cal.	B & B
	4	Cercis canadensis Eastern Redbud	1 1/2"-2" Cal.	B & B

GENERAL NOTES

1. Subject property zoned RC-DEO per 02/02/04 Comprehensive Zoning Plan.
2. Total area of property = 6.306 ac.±
3. Private water and Private sewer will be used within this site.
4. This area designates a private sewage easement, of at least 10,000 SF as required by the Maryland State Department of the Environment for individual sewage disposal (COMAR 26.04.05). Improvements of any nature in this area are restricted until public sewerage is available. These easements 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 modified sewage easement shall not be necessary.
5. All wells and septic fields within 100' of property's boundary have been shown.
6. Existing five (5) on-site contours based on Howard County Aerial Topography Floun in 1993 and has been field verified. Existing two (2) foot contours along Millers Mill Road has been field surveyed by FSH Associates on or about August, 2006.
7. Deed History: Liber 270, Folio 19.
8. Parcel 90, 1985-present, James E. Sands and Martha Sands
9. References: Parcel 90 Liber 270, Folio 19.
10. All wells to be drilled prior to submittal of record plat for signature. It is the developer's responsibility to schedule the well drilling prior to final plat submission. It will not be considered "government delay" if the well drilling holds up the Health Department signature of the record plat.
11. Septic fields are located on soil types ChB2, EKB2 and EK2 per the Soil Survey of Howard County, Maryland.
12. There are no existing structures on this site.
13. Due to the limited sight distance along the frontage of the property access to the site is restricted to one point of access at the frontage of Lot 2 onto Millers Mill Drive.

NOTES

1. CONSULT INTERNATIONAL SOCIETY OF ARBORICULTURE GUIDELINES FOR FURTHER DETAILS OF PLANTING SPECIFICATIONS, OR CONSULT WITH A QUALIFIED PROFESSIONAL.
2. EACH TREE SHALL BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL.
3. STAKES SHALL BE REMOVED NO LATER THAN THE END OF THE FIRST GROWING SEASON AFTER PLANTING.
4. PLACE UPRIGHT STAKES PARALLEL TO WALKS & BUILDINGS.
5. KEEP MULCH 1" FROM TRUNK.
6. SEE ARCHITECTURAL PLANS FOR ADDITIONAL PLANTINGS WHICH EXCEED HOWARD COUNTY MINIMUM REQUIREMENTS.
7. TREES ARE NOT TO BE PLANTED OVER PRIVATE SEWAGE EASEMENT.



TYPICAL TREE PLANTING AND STAKING
DECIDUOUS TREES UP TO 2-1/2" CALIPER NOT TO SCALE

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO ROADWAYS		ADJACENT TO PERIMETER PROPERTIES	
	1	2	3	4
Perimeter/Frontage Designation	A	A	A	A
Linear Feet of Roadway Frontage/Perimeter	760	153	413	399
Credit for Existing Vegetation (Yes, No, Linear Feet)	Yes* 607'	Yes* 153'	Yes* 374'	No -
Remaining Perimeter Length (Yes, No, Linear Feet)	153'	0'	39'	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet)	-	No -	No -	No -
Remaining Perimeter Length	-	-	-	-
Number of Plants Required	160	3	160	160
Shade Trees	-	-	-	7
Evergreen Trees	-	-	-	-
Shrubs	-	-	-	-
Number of Plants Provided	-	-	-	-
Shade Trees	3	0	1	5
Evergreen Trees	-	-	-	-
Other Trees (2:1 Substitution)	-	-	-	4
Shrubs (10:1 Substitution) (Describe Plant Substitution Credits Below if needed)	-	-	-	-

* Existing woods to remain

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	SOIL GROUP
ChC2	Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded	B
ChA	Chester silt loam, 0 to 3 percent slopes	B
ChB2	Chester silt loam, 3 to 8 percent slopes, moderately eroded	B
EhB2	Eliok silt loam, 3 to 8 percent slopes, moderately eroded	B
EhC2	Eliok silt loam, 8 to 15 percent slopes, moderately eroded	B

OWNER/DEVELOPER

CHARLES R. SANDS
Personal Representative
of the Estate of Martha Sands
14845 Bushy Park Road
Woodbine, Maryland 21797-8319

SUPPLEMENTAL LANDSCAPING, SOILS AND TOPOGRAPHIC PLAN SANDS PROPERTY LOTS 1 & 2

TAX MAP 8 GRID 22 PARCEL 90 (THIRD PARCEL)
4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FSH Associates

Engineers Planners Surveyors
6339 Howard Lane, Elkridge, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fsh.com

DESIGN BY: ZTF
DRAWN BY: CH
CHECKED BY: ZTF
SCALE: As Shown
DATE: Oct. 31, 2006
P.L.O. No.: 3362
SHEET No.: J OF L

DEVELOPER'S BUILDER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
SIGNATURE OF DEVELOPER DATE

PLAN VIEW
SCALE: 1" = 50'