

# APPLICATION

PERCOLATION TESTING

A 516057

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

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

DISTRICT \_\_\_\_\_

DATE 10/5/01

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 JOHN C BEWLEY, REVOCABLE TRUST  
15359 UNION CHAPEL RD.  
ADDRESS WOODBINE MD 21797 PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER GRAYSON DEV. CO. LLC. c/o KOREN DEV. CO.  
815 CENTER PARK DR. STE 104  
ADDRESS COLUMBIA MD 21045 PHONE \_\_\_\_\_

PROPERTY LOCATION:

DIVISION BEWLEY PROPERTY LOT NO. 25

ROAD AND DESCRIPTION UNION CHAPEL RD

TAX MAP 14 PARCEL # 666

SIZE OF LOT ± 1 AC TYPE BLDG. S.F. 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.

David B. Yanny GRAYSON DEVELOPMENT  
DAVID B. YANNY (SIGNATURE OF APPLICANT) COMPANY, LLC

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

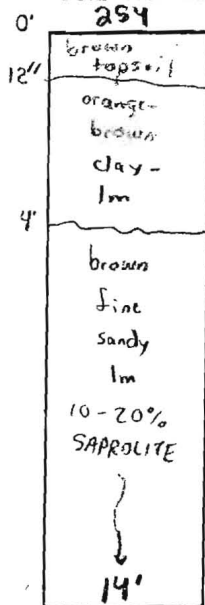
516057

NOT TO SCALE

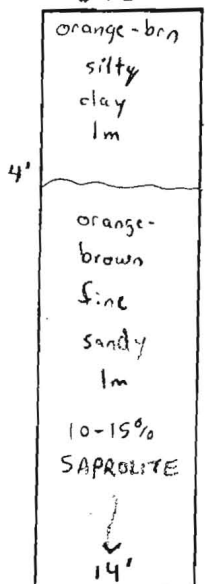
COUNTY #

SOIL PROFILE

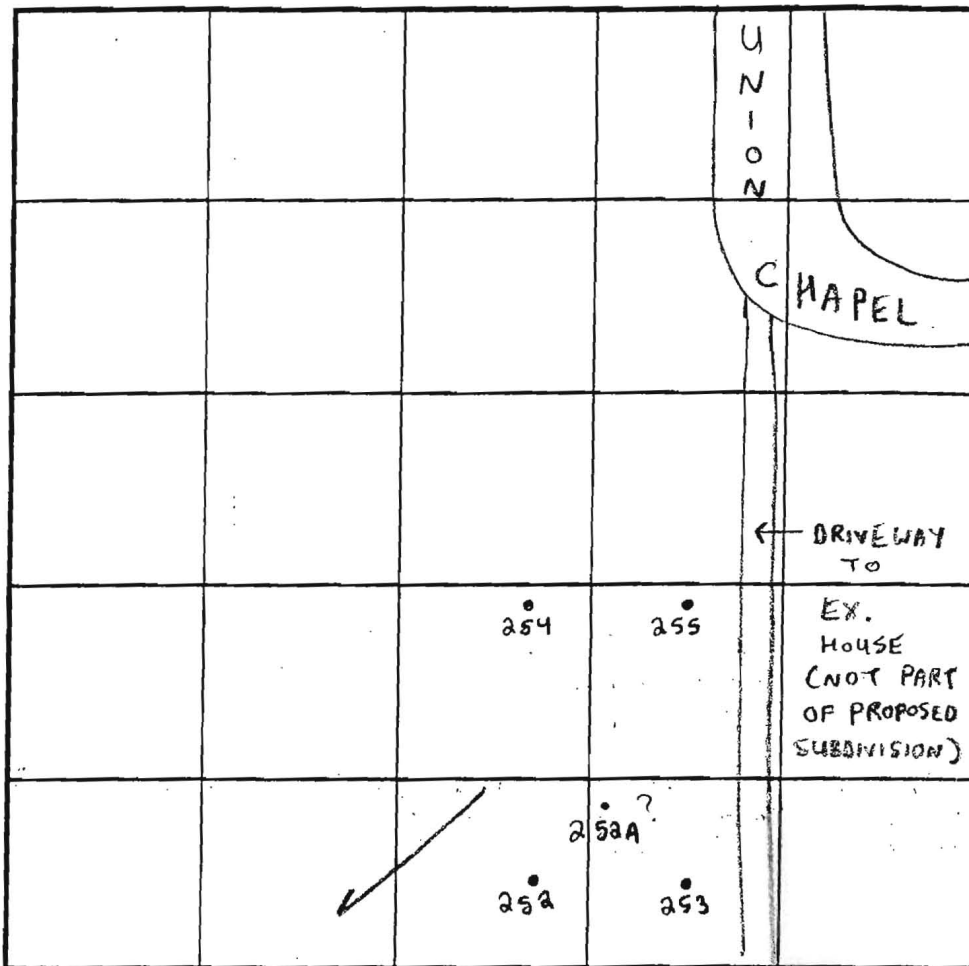
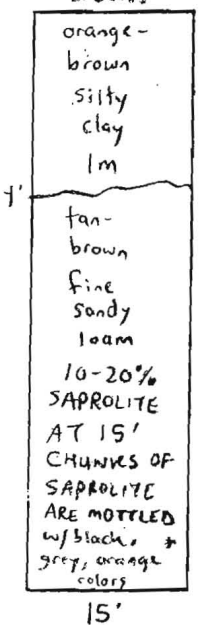
254



255

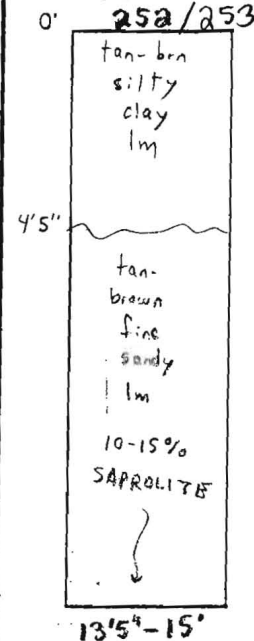


252A



SOIL PROFILE

252/253



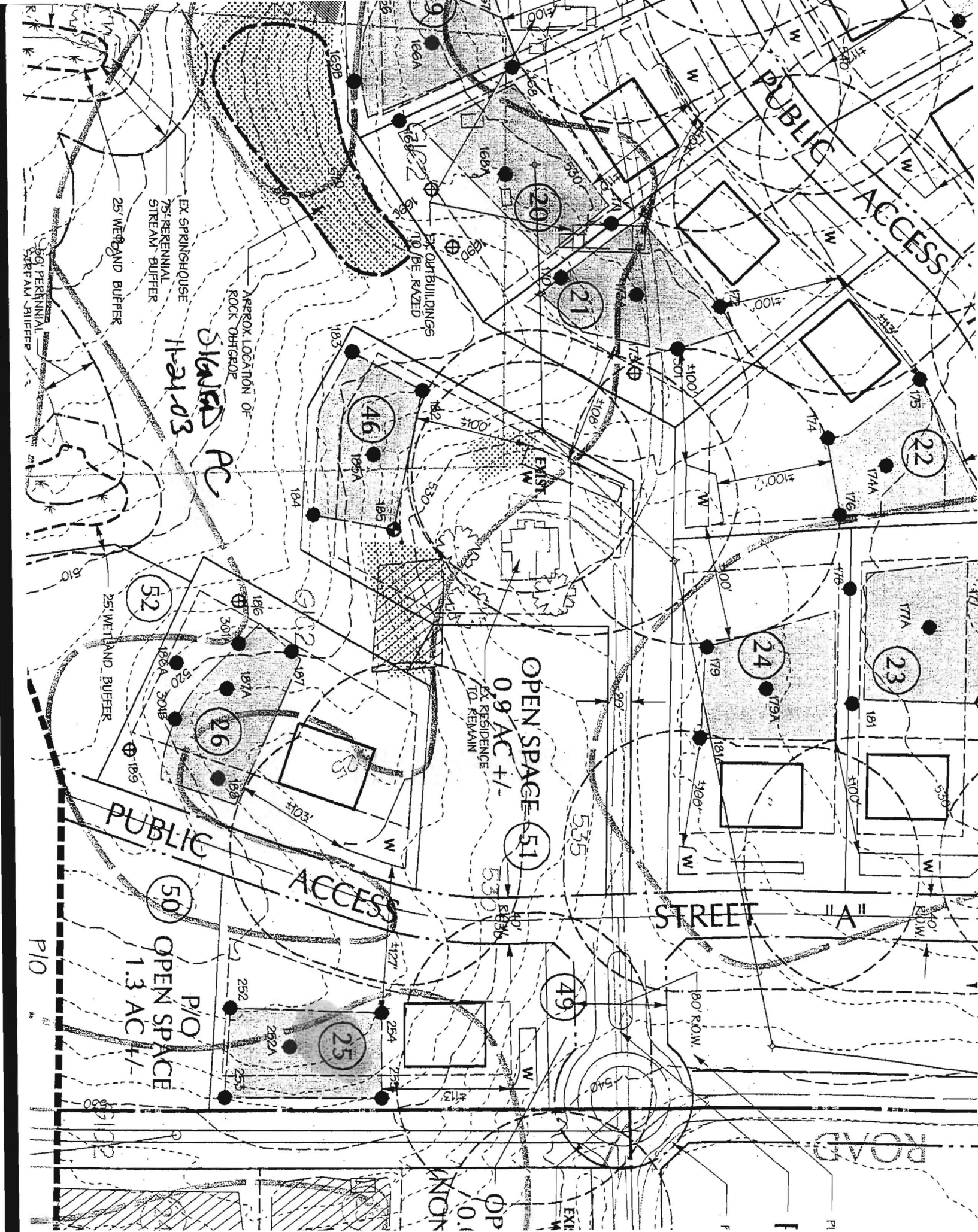
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE    | TEST NO. | DEPTH          | PRE-WET START | PRE-WET STOP | TEST - 1" DROP START | TEST - 1" DROP STOP | TIME |    |
|---------|----------|----------------|---------------|--------------|----------------------|---------------------|------|----|
| 3/14/02 | 254      | 5' T / 14'6" V | 11:21am       | 11:25am      | 11:25am              | 11:28am             | 3min | OK |
|         | 255      | 4' T / 14' V   | 11:13am       | 11:14am      | 11:14am              | 11:16am             | 2min | OK |
|         | 252A     | 15' V          | (VISUAL)      | OK           | SEE SOIL PROFILE     |                     |      | OK |
|         | 252      | 4'9" T / 15' V | 11:40am       | 11:43am      | 11:43am              | 11:49am             | 6min | OK |
|         | 253      | 5' T / 13'5" V | 11:53am       | 11:59am      | 11:59am              | 12:02pm             | 2min | OK |

REMARKS \* Evaluate Trench Design on potential water at 15' (use drought buffer for same landscape position)

TYPE OF SOIL GlenclgTESTED BY SRK Jeff Allen = BackhoeALSO PRESENT Mark Wedemeyer = Karen DevelopmentTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3min TRENCH WIDTH 3'INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180

\* Mottling may be lithochromatic or redoximorphic - but is at 15'



# COORDINATE TABLE

| POINT | NORTHING   | EASTING     |
|-------|------------|-------------|
| 204   | 59141.031  | 129333.005  |
| 205   | 59133.448  | 129340.006  |
| 525   | 59022.1626 | 129342.5326 |
| 530   | 59024.1653 | 129342.6662 |
| 538   | 59040.8624 | 129342.7349 |
| 536   | 59037.8014 | 129347.3415 |
| 532   | 59042.7441 | 129345.0682 |
| 535   | 59051.7204 | 129345.9156 |
| 530   | 59054.1123 | 129345.7985 |
| 536   | 59061.7886 | 129345.0449 |
| 530   | 59074.2450 | 129356.2362 |
| 539   | 59087.9564 | 129363.5377 |
| 545   | 59092.5363 | 129364.7687 |
| 544   | 59090.6653 | 129367.0361 |
| 545   | 59076.9139 | 129353.6749 |
| 546   | 59070.4249 | 129352.3187 |
| 547   | 59069.5386 | 129350.1324 |
| 578   | 59055.0661 | 129341.2477 |
| 579   | 59141.031  | 129333.005  |
| 580   | 59142.5190 | 129333.005  |
| 582   | 59147.5140 | 129332.5555 |
| 606   | 59144.1364 | 129336.8005 |
| 607   | 59140.0298 | 129346.0503 |
| 608   | 59117.4825 | 129336.0716 |

# LINE TABLE

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| L1   | S 28°53'59" W | 33.88    |
| L2   | S 23°08'19" W | 13.35    |
| L3   | S 47°05'58" W | 35.22    |
| L4   | N 85°21'06" E | 6.81     |
| L5   | N 85°42'18" E | 32.09    |
| L6   | S 60°42'03" E | 33.88    |
| L7   | N 23°17'57" E | 12.58    |
| L8   | S 60°42'03" E | 20.00    |
| L9   | N 28°17'57" E | 12.58    |
| L10  | S 50°07'17" E | 46.71    |
| L11  | N 87°53'51" E | 60.39    |
| L12  | N 23°54'23" E | 31.70    |
| L13  | S 17°51'20" E | 38.43    |
| L14  | N 70°08'04" W | 37.85    |
| L15  | S 48°03'03" W | 63.87    |
| L16  | N 87°53'51" E | 60.39    |
| L17  | N 09°08'50" E | 33.88    |
| L18  | S 79°21'33" E | 37.05    |
| L19  | S 83°51'07" E | 65.46    |
| L20  | N 60°50'17" E | 24.44    |
| L21  | N 08°52'48" W | 12.57    |
| L22  | N 34°01'08" W | 61.32    |
| L23  | N 08°52'43" E | 6.27     |
| L24  | N 22°52'52" E | 45.62    |
| L25  | S 85°47'43" W | 35.50    |
| L26  | N 58°53'51" E | 30.59    |
| L27  | N 28°17'57" W | 42.80    |
| L28  | N 43°43'56" W | 36.41    |
| L29  | N 31°21'56" E | 102.33   |
| L30  | N 67°42'03" W | 15.02    |

# DRAINAGE & UTILITY EASEMENT LINE TABLE

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| D001 | S 59°59'59" E | 10.00    |
| D002 | S 30°44'08" W | 20.00    |
| D003 | N 59°59'59" W | 10.00    |
| D004 | N 53°58'51" E | 7.00     |
| D005 | N 34°08'09" W | 20.00    |
| D006 | S 53°58'51" W | 22.00    |

# CURVE TABLE

| CURVE | DELTA ANGLE | RADIUS | ARC LENGTH | CHORD BEARING | CHORD LENGTH | TANGENT |
|-------|-------------|--------|------------|---------------|--------------|---------|
| C30   | 58°02'03"   | 25.00  | 25.32      | S 59°59'59" W | 24.29        | 13.57   |
| C31   | 236°04'03"  | 60.00  | 310.04     | N 59°59'59" W | 63.59        | 57.44   |
| C32   | 58°02'03"   | 25.00  | 25.32      | N 07°43'01" E | 24.29        | 13.57   |
| C33   | 22°52'56"   | 22.00  | 87.91      | S 18°17'54" W | 87.32        | 44.50   |
| C34   | 18°47'16"   | 180.00 | 62.74      | N 86°41'02" E | 52.56        | 26.56   |
| C35   | 18°47'16"   | 220.00 | 64.46      | N 86°41'02" E | 64.23        | 32.46   |
| C36   | 22°52'56"   | 180.00 | 71.92      | S 18°17'54" W | 71.45        | 35.48   |
| C37   | 28°16'11"   | 580.00 | 236.23     | N 50°44'41" W | 235.08       | 154.48  |
| C38   | 20°22'07"   | 220.00 | 78.52      | S 18°17'54" W | 78.11        | 38.68   |
| C39   | 20°22'07"   | 180.00 | 62.74      | S 46°17'50" E | 63.57        | 32.47   |
| C40   | 28°16'11"   | 620.00 | 305.62     | N 50°44'41" W | 302.73       | 156.09  |
| C41   | 06°50'07"   | 75.00  | 126.59     | N 11°00'43" W | 112.33       | 64.79   |

# TABULATION OF FINAL PLAT

|                                                                 |            |
|-----------------------------------------------------------------|------------|
| A. TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED...        | 11 & P101  |
| B. TOTAL AREA OF LOTS AND/OR PARCELS...                         | 20.50 AC.  |
| C. TOTAL AREA OF ROADWAY AND HIGHWAY WIDENING TO BE RECORDED... | 1.879 AC.  |
| D. TOTAL AREA OF SUBMISSION TO BE RECORDED...                   | 22.087 AC. |

MDR PLAT NO. 19951  
RECEIVED  
FOR RECORD JUN 02 2008

# LINE TABLE

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| L30  | S 16°46'57" W | 73.51    |
| L31  | N 29°44'27" W | 66.54    |
| L32  | N 32°56'17" W | 68.59    |
| L33  | S 24°47'54" W | 11.62    |
| L34  | S 16°46'57" E | 10.46    |
| L35  | S 81°00'11" W | 15.47    |
| L36  | S 50°32'59" E | 69.48    |
| L37  | S 65°50'28" E | 35.39    |
| L38  | S 70°54'07" E | 14.43    |
| L39  | S 02°41'09" E | 46.36    |
| L40  | S 35°58'34" E | 130.70   |
| L41  | S 37°44'04" W | 19.90    |
| L42  | N 69°28'16" W | 130.75   |
| L43  | S 17°40'22" W | 68.74    |
| L44  | S 19°34'54" W | 34.46    |
| L45  | S 23°29'49" W | 23.05    |
| L46  | S 45°09'40" W | 45.36    |
| L47  | S 33°28'19" W | 100.83   |
| L48  | S 12°40'22" W | 10.43    |
| L49  | S 07°35'02" E | 25.88    |
| L50  | S 08°41'59" E | 13.88    |
| L51  | S 11°08'57" W | 24.34    |
| L52  | S 25°25'04" W | 38.16    |
| L53  | S 08°08'07" E | 60.78    |
| L54  | S 25°50'25" W | 39.69    |
| L55  | S 88°47'07" W | 33.50    |
| L56  | N 26°43'46" W | 46.10    |
| L57  | N 05°32'48" W | 35.06    |
| L58  | S 62°39'17" W | 19.16    |
| L59  | N 25°20'47" E | 37.80    |
| L60  | N 11°08'57" E | 19.84    |
| L61  | N 08°41'59" W | 11.41    |
| L62  | N 07°38'50" W | 25.45    |
| L63  | N 12°40'22" W | 10.43    |
| L64  | S 67°52'43" W | 29.82    |
| L65  | S 41°54'54" W | 27.74    |
| L66  | S 28°16'54" W | 10.87    |
| L67  | S 35°44'59" W | 20.49    |
| L68  | S 62°39'17" W | 19.16    |
| L69  | S 22°28'35" W | 25.87    |
| L70  | S 27°56'34" E | 20.83    |
| L71  | N 60°58'54" W | 18.55    |
| L72  | N 07°09'23" E | 48.66    |
| L73  | N 46°12'17" E | 12.91    |
| L74  | N 14°18'09" E | 29.06    |
| L75  | N 24°38'36" E | 10.36    |
| L76  | N 41°34'54" E | 26.09    |
| L77  | N 67°52'43" W | 39.80    |
| L78  | S 33°28'19" W | 33.22    |
| L79  | N 45°09'40" E | 44.34    |
| L80  | N 29°29'49" E | 21.00    |
| L81  | S 31°59'53" E | 46.81    |
| L82  | N 17°44'47" E | 47.50    |
| L83  | N 38°09'19" W | 14.09    |
| L84  | N 22°33'59" E | 62.55    |
| L85  | N 36°59'53" E | 39.34    |
| L86  | N 28°16'54" W | 45.02    |
| L87  | N 60°48'34" E | 39.99    |

# FLOODPLAIN EASEMENT LINE TABLE

| LINE  | BEARING       | DISTANCE |
|-------|---------------|----------|
| FPB0  | N 00°12'50" E | 97.31    |
| FPB1  | N 35°40'40" W | 58.35    |
| FPB2  | N 19°03'22" E | 64.39    |
| FPB3  | N 05°31'22" E | 102.04   |
| FPB4  | N 19°03'22" E | 64.39    |
| FPB5  | N 18°52'24" E | 59.47    |
| FPB6  | N 75°51'45" E | 79.90    |
| FPB7  | S 18°22'39" W | 81.86    |
| FPB8  | S 15°07'02" W | 67.41    |
| FPB9  | S 00°11'39" W | 103.49   |
| FPB10 | S 03°19'59" W | 80.74    |
| FPB11 | S 12°50'41" E | 91.48    |
| FPB12 | S 14°59'07" W | 49.88    |

# FOREST CONSERVATION EASEMENT LINE TABLE

| LINE | BEARING       | DISTANCE |
|------|---------------|----------|
| FC01 | N 01°20'07" E | 26.06    |
| FC02 | N 53°59'59" E | 7.00     |

# OWNER/DEVELOPER

UNION CHAPEL ROAD, LLC  
9025 CHEVROLET ROAD  
SUITE K  
ELICUT CITY, MD 21242  
(410) 481-5900

# SURVEYOR'S CERTIFICATE

I hereby certify, to the best of my knowledge, information and belief, that the final plat shown herein is correct; that it is a subdivision of the land conveyed by John C. Bewley, Sole acting trustee of the John D. Bewley revocable trust and John C. Bewley, Sole acting trustee of the Margaret B. Bewley revocable trust to Union Chapel Road, LLC, by deed dated December 19, 2006 and recorded in the Land Records of Howard County, Maryland, in Liber 10424 at Folio 24 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 now amended, the requirements of Section 3-108, the real property article Annotated Code of Maryland, 1986 replacement volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

Michael D. Martin, Professional Land Surveyor  
Maryland Registration No. 21234

RECORDED AS PLAT NO. \_\_\_\_\_ ON \_\_\_\_\_  
IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

# BELLE HAVEN ESTATES

LOTS 1-46, NON-BUILDABLE PRESERVATION PARCELS A-O, NON-BUILDABLE BULK PARCEL P

TAX MAP NO. 14, GRID 30, PARCEL NO. 66  
DPZ FILE REF: F-89-153, WP-89-61, S-02-08, P-06-03  
4th ELECTION DISTRICT  
HOWARD COUNTY MARYLAND  
FEBRUARY 13, 2008

SCALE 1" = 100'  
SHEET 4 OF 6

# OWNER'S DEDICATION

We, Union Chapel Road, LLC, By Cynthia M. McAuliffe, Vice President, Owners of the property shown herein, 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 rights-of-way 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 spaces, where applicable, and for other good and 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 spaces, 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  
The requirements of Section 3-108, The Real Property Article, Annotated Code of Maryland, 1986 Replacement Volume, (as supplemented) as far as they relate to the making of this plat and the setting of markers have been complied with.

Witness our hands this 21st day of June 2008

Cynthia M. McAuliffe, Vice President  
Union Chapel Road, LLC

John D. Bewley, Sole acting trustee of the Margaret B. Bewley revocable trust

2/15/08



Daft · McCune · Walker, Inc.  
200 East Pennsylvania Avenue  
Towson, Maryland 21206  
(410) 296-5333  
Fax 296-4705

A Team of Land Planners,  
Landscape Architects,  
Engineers, Surveyors &  
Environmental Professionals

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

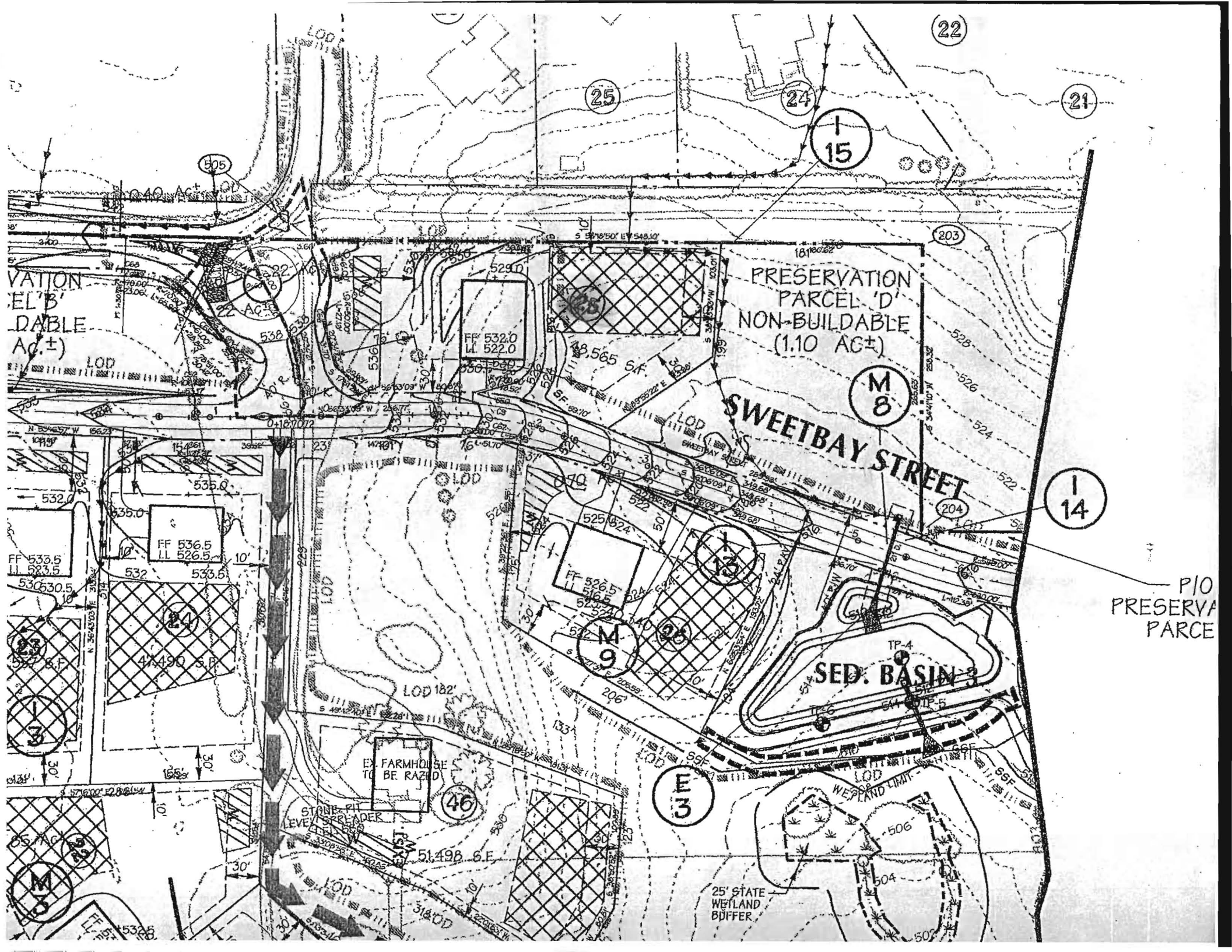
Howard County Health Department

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division

Director

P133413 MSA CSW 0106 4199748



PRESERVATION  
PARCEL 'D'  
NON-BUILDABLE  
(1.10 AC±)

SWEETBAY STREET

SED. BASIN 3

EX. FARMHOUSE  
TO BE RAZED

WETLAND LIMIT

25' STATE  
WETLAND  
BUFFER

P/O  
PRESERVATION  
PARCEL