

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 4/7/04 TEST TIME 9⁰⁰ AVP 519698
 AGENCY REVIEW: Howard Co Well & Septic DATE 12/12/03

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) _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME YOUNG PROPERTY LOT NO. 2

PROPERTY ADDRESS 16488 FREDERICK RD
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) _____ GRID _____ PARCEL(S) _____ PROPOSED LOT SIZE _____

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

AP

ZA
 Brown Loam 8"
 Yellow Br Silty Clay Loam 5'
 Yellow Brown Silty Loam 5'
 Red Silty Loam 10'
 Yellow Silty Loam 12'
 10-15-20 Cherty Schist HARD BOTTOM

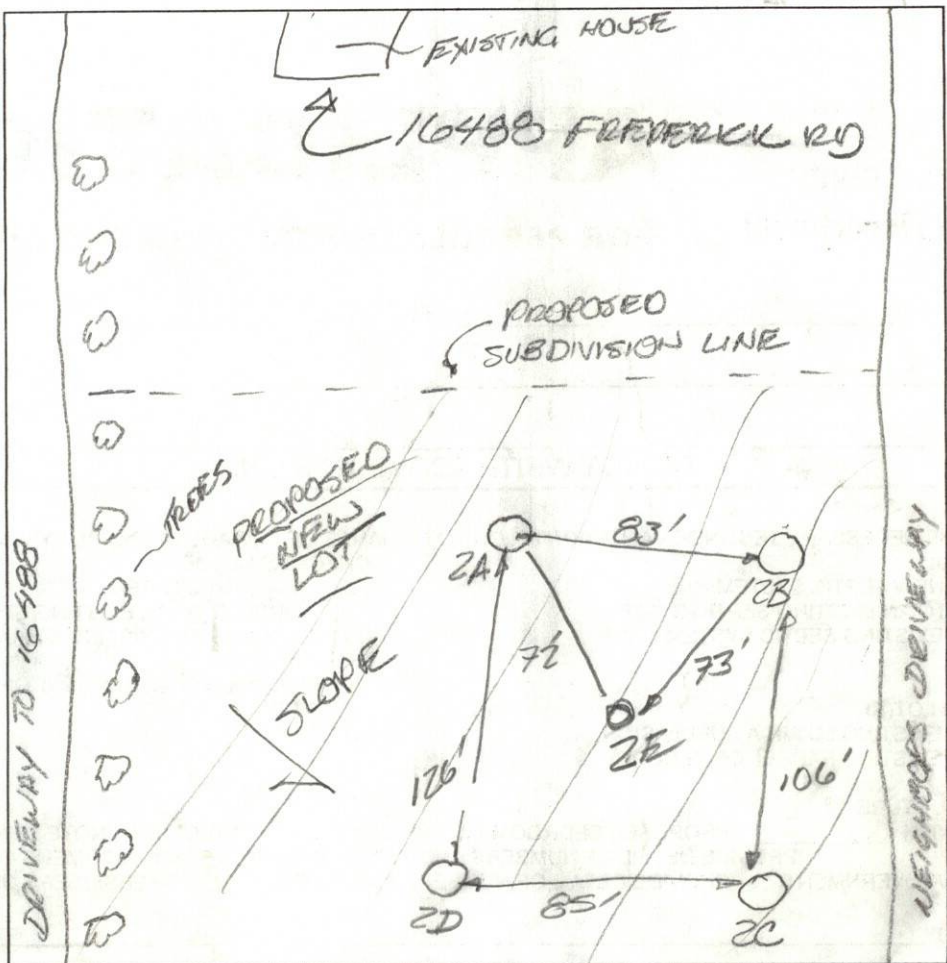
ZB
 Brown Loam 8"
 Yellow Brown Silty Clay Loam 5 1/2'

Yellow Brown Silty Loam 10'

Yellow Silty Loam 10-15-20 Cherty Schist HARD BOTTOM

ZC
 Brown Loam 8"
 Yellow Brown Silty Clay Loam 5'

Yellow Brown Silty Loam 9-10'
 Yellow Silty Loam 20-30% Cherty Schist HARD BOTTOM



ZD
 Brown Loam 8"
 Yellow Brown Silty Clay Loam 5 1/2'
 Yellow Brown Silty Loam 10'
 20-30% Cherty Schist HARD BOTTOM

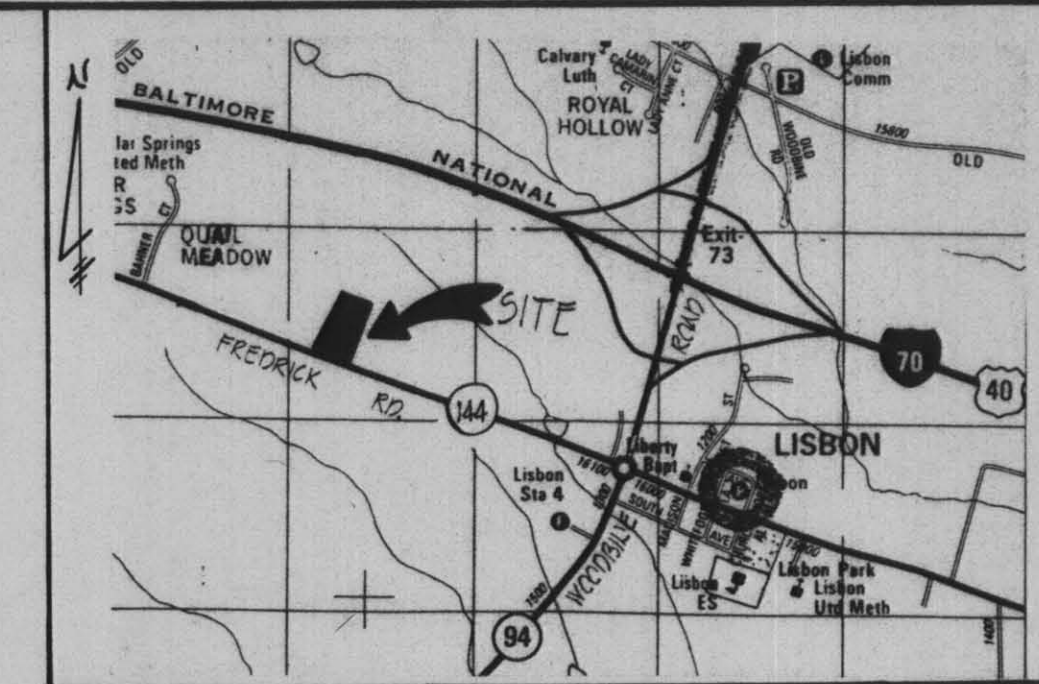
ZE
 Brown Loam 1'
 Yellow Brown Silty Clay Loam 6-6 1/2'

Yellow Brown Silty Loam 10'
 20-30% Cherty Schist HARD BOTTOM

FREDERICK RD

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
4/7/04	ZA	5 1/2' / 12'	9 ⁴⁵	9 ⁵⁸	10 ¹³	15min	P
	ZB	6' / 13'	10 ⁰⁴	10 ²¹	10 ⁴⁰	19min	P
	ZC	5 1/2' / 11 1/2'	10 ²⁴	10 ⁴⁸	10 ¹⁸	30min	P
	ZD	6' / 13'	11 ⁰⁰	11 ²⁰	11 ⁴⁰	20min	P
RETEST	ZE	7' / 13'	12 ²¹	12 ³⁵	12 ⁵⁰	15min	P
	ZE	6' / 13'	11 ²⁵	12 ⁰⁵	7:30am	1st 11:00h	F

REMARKS _____
 SANITARIAN FA BACKHOE JAYE SIZER/DOE OTHERS MONTGOMERY YOUNG / MATT WATSON
 TEST HOLES USED IN SDA _____ AVG. PERC TIME 20 SQ. FT/BR _____
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 7 EFFECTIVE SW _____



VICINITY MAP
SCALE: 1" = 2,000'

HEALTH DEPARTMENT NOTES

- The lots shown hereon comply with the minimum ownership, width and area required by the Maryland Department of the Environment.
- This area designates a private sewage easement of 10,000 sq. ft. as required by the Maryland Department of the Environment for individual sewage disposal. 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 authority to grant adjustments to the private sewage easements.
- Lot 2 shall have a well drilled, grouted, and yield test prior to submittal of record plat for signature.
- There are no existing wells and septic systems within 100 ft. of the lot lines shown hereon unless noted otherwise.

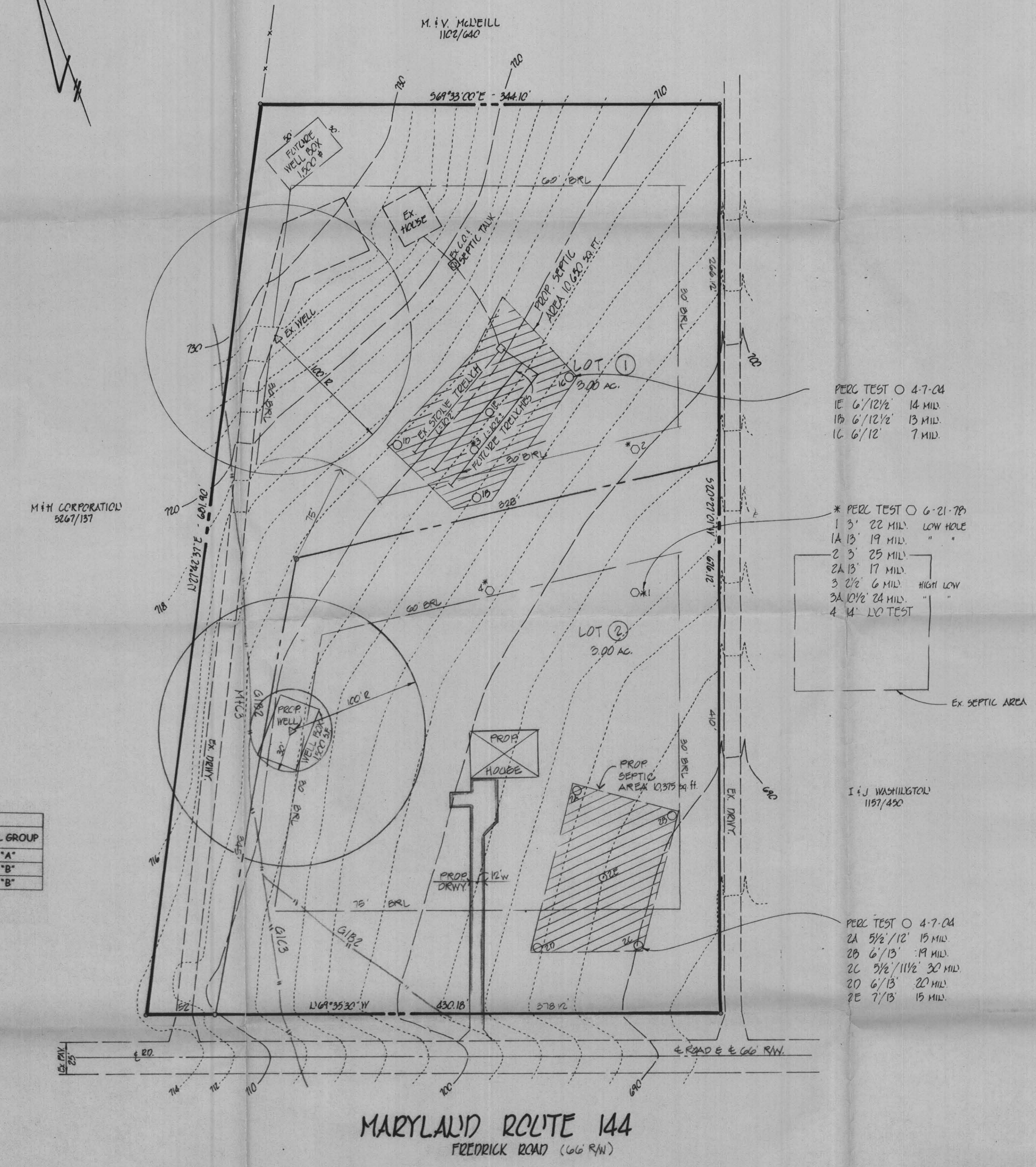
○ Denotes "Passed" percolation test
Note: The nearest water intake structure is Five Miles +/- away.

GENERAL NOTES

- SUBJECT PROPERTY IS ZONED RCD00
- AREA OF PROPERTY = 6.00 acres.
- EXISTING USE = AGRICULTURE
- PROPOSED USE = SINGLE FAMILY RESIDENTIAL
- NUMBER OF UNITS ALLOWED 6.00 ac/3.00 ac per unit = 2 UNITS
- NUMBER OF UNITS PROPOSED = 2 UNITS
- BOUNDARY AND TOPOGRAPHY FIELD RUN BASED ON SURVEY BY CHARLES R. CROCKEN & ASSOC. DATED AUGUST, 2003.
- BOUNDARY BASED ON HOWARD COUNTY MONUMENTS.
- SERVICE: WATER = PRIVATE, SEWER = PRIVATE.
- SOILS SURVEY MAP No. 2
- THERE ARE NO STREAMS, WETLANDS, FLOOD PLAINS OR STEEP SLOPES ON THE SUBJECT.

* Ex HOUSE & SEPTIC AREA LOCATION HAS BEEN CHECKED AND IS CORRECT AS SHOWN.

SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOIL GROUP
MT1C3	MT. AIRY CHANNERY LOAM 8 TO 15% SLOPES	"A"
G1B2	GLENELG LOAM 3 TO 8% SLOPES	"B"
G1C3	GLENELG LOAM 8 TO 15% SLOPES	"B"



PERC TEST ○ 4-7-04
1E 6 1/2" 14 MIL.
1B 6 1/2" 13 MIL.
1C 6 1/2" 7 MIL.

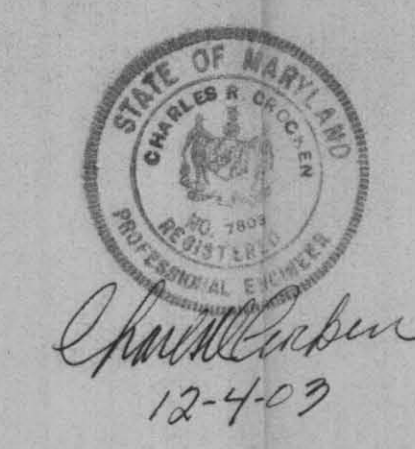
* PERC TEST ○ 6-21-78
1A 3' 22 MIL. LOW HOLE
1A 13' 19 MIL. "
2 3' 25 MIL. "
2A 13' 17 MIL. "
3 2 1/2' 6 MIL. HIGH LOW
3A 10 1/2' 24 MIL. "
4 14' 110 TEST

I & J WASHINGTON
1197/490

PERC TEST ○ 4-7-04
2A 5 1/2" 15 MIL.
2B 6 1/2" 19 MIL.
2C 5 1/2" 11 1/2" 30 MIL.
2D 6 1/2" 20 MIL.
2E 7 1/2" 15 MIL.

MARYLAND ROUTE 144
FREDERICK ROAD (666 R/W)

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY
[Signature] 12/24/07
HOWARD COUNTY HEALTH OFFICER DATE



10-19-04	MOVED WELL LOT 2
6-09-04	PER H.C.H.O. COMMENTS
5-27-04	ADDED TEST RESULTS
1-07-04	REVISED SEPTIC AREA LOT 1
LD	REVISION

PERCOLATION TEST CERTIFICATION
16488 FREDERICK RD
YOUNG PROPERTY
LIBER 4518/ FALIO 0001

TAX MAP 7 ERD 5
1ST ELECTION DISTRICT

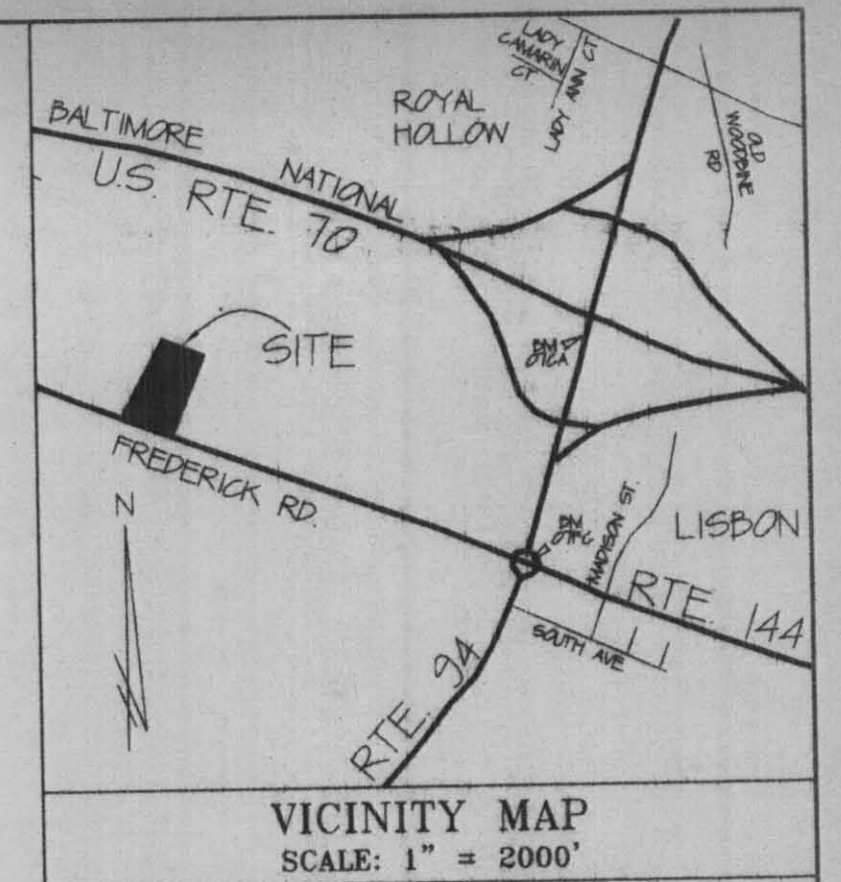
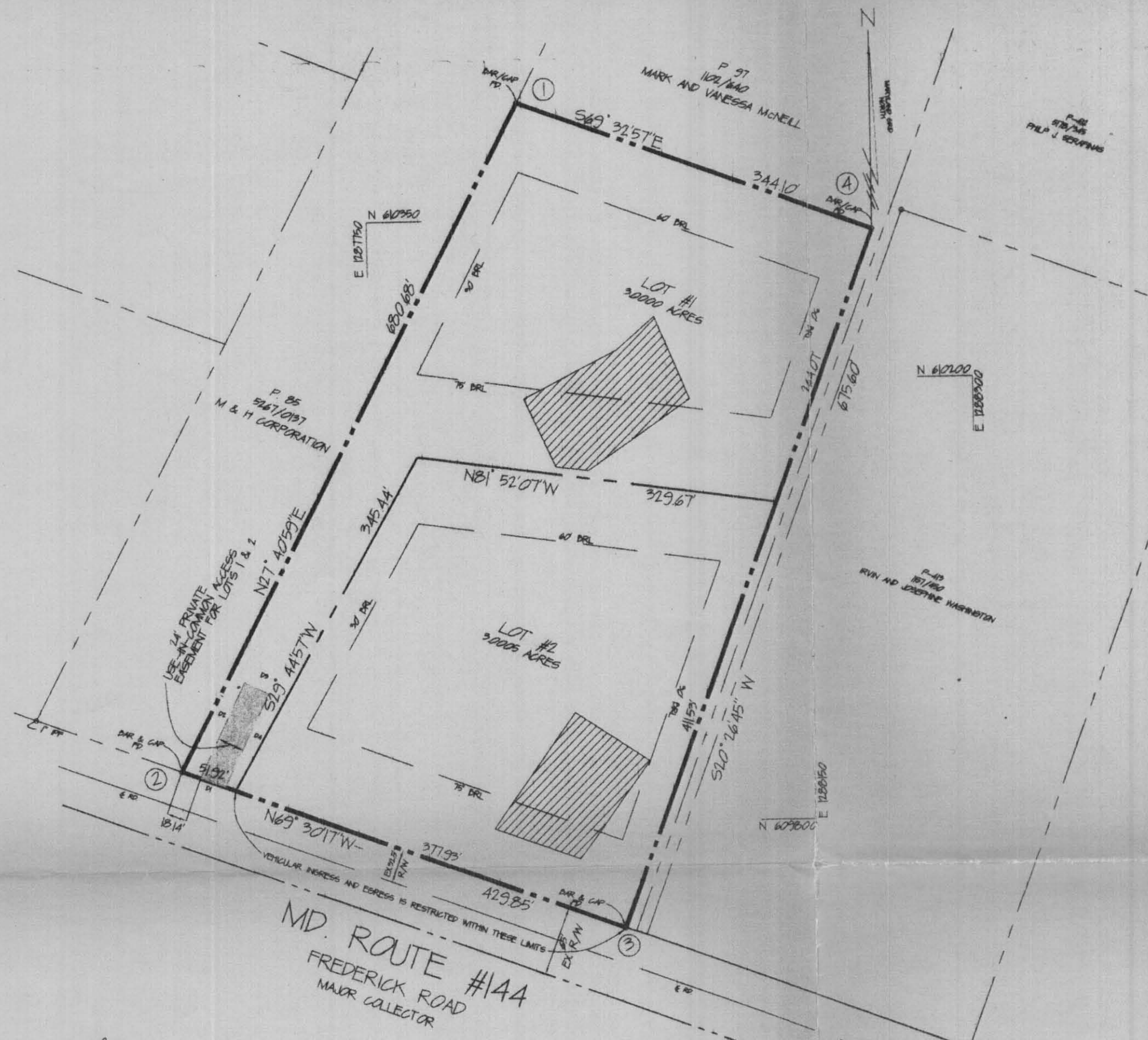
PARCEL #410
HOWARD COUNTY, MARYLAND

DATE: 8/2003

DES.		OWNER/DEVELOPER: MONTGOMERY YOUNG & LAURA A. CRAVEN 16488 FREDERICK RD WOODBINE MD 21791-8516
CHK.		
DRW.		
PREPARED BY:	CHARLES R. CROCKEN & ASSOCIATES, INC.	SCALE: 1" = 50'
DATE:	12-4-07	SHEET 1 OF 1

COORDINATE TABLE		
NO.	NORTH	EAST
1	610456.043	1287888.764
2	609859.180	1287572.531
3	609702.771	1287975.163
4	610335.819	1288211.172

24' EASEMENT FOR INGRESS AND EGRESS DESCRIPTION		
LINE	DIRECTION	DISTANCE
D1	N 69° 30'11" W	24.10'
D2	S 64° 13'58" E	24.00'
D3	S 25° 46'02" W	93.71'
D4	N 25° 46'02" E	93.93'



GENERAL NOTES

- COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS N007CA AND N007FC. GEODETIC CONTROL STATION: N007FC. NAD83:655200 ELEV. 99.51. GEODETIC CONTROL STATION: N007CA. NAD83:791905 ELEV. 119.45.
- DRL INDICATES BUILDING RESTRICTION LINE.
- THE SUBJECT PROPERTY IS ZONED R0200 PER THE FEBRUARY 2, 2024 COMPREHENSIVE ZONING PLAN.
- DENOTES CONCRETE MONUMENT. ○ DENOTES IRON PIPE OR REDWAX W/IDENTIFICATION CAPS.
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED SURVEY PERFORMED ON OR ABOUT 10/10/03 BY CHARLES R. CROCKEN AND ASSOC., INC.
- AREAS SHOWN ARE MORE OR LESS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12 (14 FEET SERVING MORE THAN ONE RESIDENCE)
 - SURFACE - 4 INCHES OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1/2" MIN)
 - SYMMETRY - MAX 1% GRADE, MAX 10% GRADE CHANGE, AND MIN 45 TURNING RADIUS
 - STRUCTURES (CULVERTS/DROPPERS)-CAPABLE OF SUPPORTING 25 GROSS TONS(1000 LBS) LOADS
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM.
- HOWARD COUNTY FILE NO.'S. DPZ FILE REFERENCES: N/A.
- THERE IS AN EXISTING DWELLING LOCATED ON LOT 1 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN ZONING REGULATIONS REQUIRE.
- THIS SUBDIVISION IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS DATED OCTOBER 2, 2003, PER COUNCIL BILL 48-2003 EFFECTIVE OCTOBER 2, 2003.
- STORM WATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH THE MARYLAND STORMWATER DESIGN MANUAL VOLUME I & II FOR DISCONNECTED ROOFTOP RUNOFF AND DISCONNECTED NON-ROOFTOP RUNOFF FOR THE HOUSE AND DRIVEWAY FOR LOT #2 AS SHOWN ON THE REQUIRED SUPPLEMENTAL PLAN(S) AND FOR THIS PLAT TO BE APPROVED BY HOWARD COUNTY.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET (OR 10,000 SQUARE FEET PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR THE INDIVIDUAL SEWAGE DISPOSAL (COMAR 16.04.03). 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. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
- THIS PLAT IS EXEMPT FROM FOREST CONSERVATION OBLIGATIONS PER SECTION 16.03 (b)(1) OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION MANUAL SINCE IT IS A SUBDIVISION CREATING ONE ADDITIONAL LOT WITH NO FURTHER SUBDIVISION POTENTIAL.
- A USE IN COMMON MAINTENANCE AGREEMENT FOR LOTS 1 AND 2 SHALL BE RECORDED SIMULTANEOUSLY WITH THIS FINAL PLAN IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
- PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 16.04 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL SHALL BE PROVIDED AS SHOWN ON THE CERTIFIED LANDSCAPE PLAN FILED WITH THIS PLAT. SURETY FOR (1) SHAPE TREES ON LOT 2 IN THE AMOUNT OF \$10,000 SHALL BE POSTED WITH THE GRADING PERMIT FOR LOT 2. LOT 1 IS EXEMPT SINCE IT HAS AN EXISTING HOUSE TO REMAIN.

FINAL PLAT TABULATION

TOTAL NUMBER OF LOTS: BULDABLE	= 2
TOTAL NUMBER OF LOTS: OPEN SPACE	= 0
TOTAL AREA OF LOTS: BULDABLE	= 6.003 ACRES
TOTAL AREA OF LOTS: OPEN SPACE	= 0 ACRES
TOTAL AREA OF ROAD DEDICATION	= 0 ACRES
TOTAL GROSS AREA OF THE SUBDIVISION TO BE RECORDED	= 6.003 ACRES

THE REQUIREMENTS 2-128, 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.

BY: D. MONTGOMERY YOUNG DATE _____
 BY: LAURA A CRAVEN DATE _____
 MR. LEONARD T. BOHAGER, SURVEYOR DATE _____

OWNER/DEVELOPER
 D. MONTGOMERY YOUNG & LAURA A CRAVEN
 16488 FREDERICK ROAD
 WOODBINE, MD 21797

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

Robert J. Walz
 SANITARY HEALTH OFFICER 8/29/05
 MGD DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE _____
 DIRECTOR DATE _____

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY ROGER W. AND LISA E. HAYNES TO D. MONTGOMERY YOUNG AND LAURA A. CRAVEN, BY DEED DATED 10/15/98 AND RECORDED IN THE LAND RECORDS OF HOWARD COUNTY IN LIBER 4518 AND FOLIO 0001 AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE PLACED 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.

MR. LEONARD T. BOHAGER MD REG. NO. 10859 DATE _____

OWNER'S DEDICATION

D. MONTGOMERY YOUNG & LAURA A. CRAVEN, OWNERS OF THE PROPERTY 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 STREETS RIGHTS-OF-WAY AND THE STREETS AND/OR EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE, THE BEDS OF THE STREETS AND/OR ROADS, FLOOD PLAIN AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF STREETS AND OF ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE AND; (3) THE RIGHT TO REQUIRE THE DEDICATION OF THE WATERWAYS AND DRAINAGE EASEMENT FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; (4) THAT NO BUILDING OR STRUCTURE OF ANY KIND SHALL BE ERRECTED OVER THE SAID EASEMENTS AND RIGHTS-OF-WAY.

WITNESS MY HANDS THIS _____ DAY OF _____

BY: MONTGOMERY YOUNG DATE _____ WITNESS DATE _____
 BY: LAURA A. CRAVEN DATE _____ WITNESS DATE _____

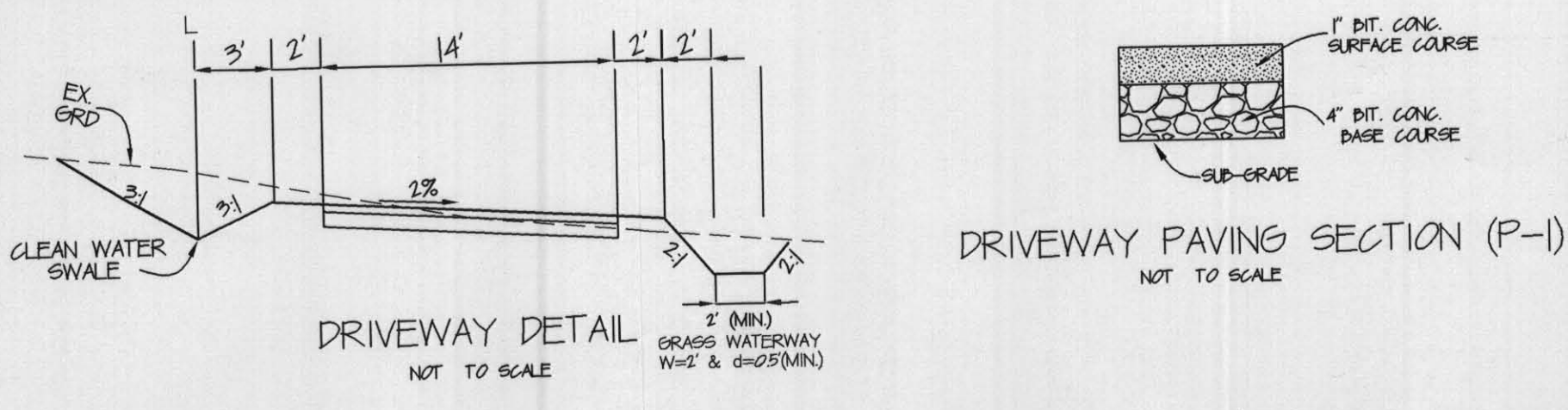
RECORDED AS PLAT 17698 ON 9/16/05
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

PLAT OF
 16488 FREDERICK ROAD
YOUNG PROPERTY
 LOTS 1 AND 2
 LIBER 4518/ FOLIO 0001
 FOURTH ELECTION DISTRICT, TAX MAP #7, GRID 4, PARCEL 410
 HOWARD COUNTY, MARYLAND

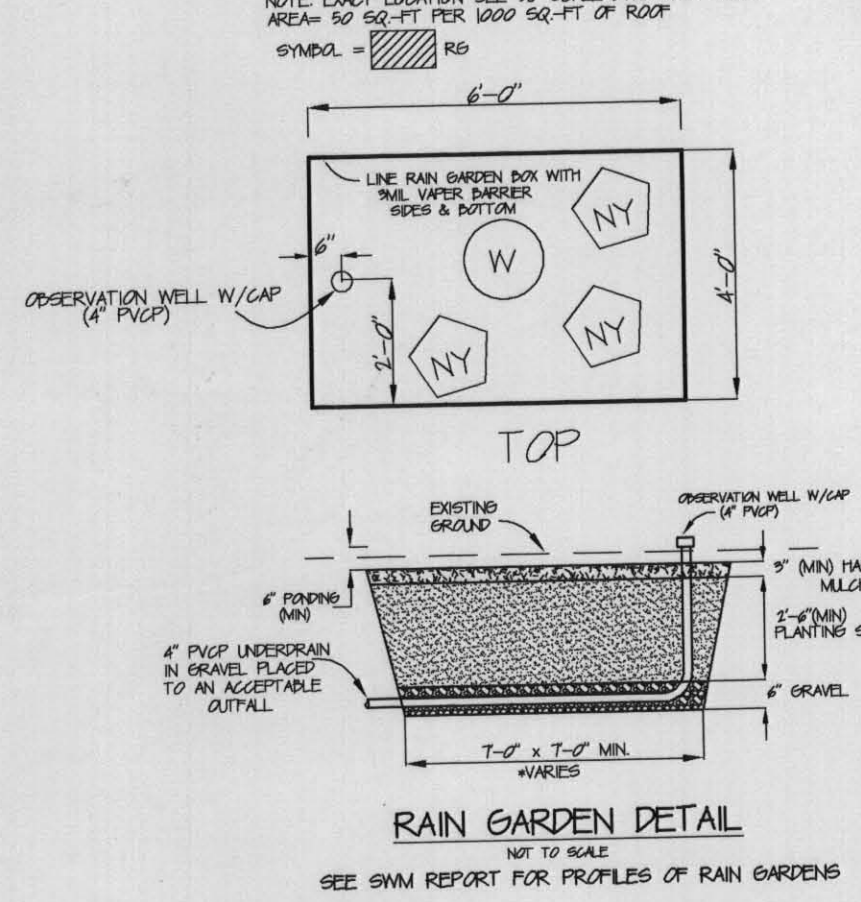
Prepared by: CHARLES R. CROCKEN AND ASSOCIATES, INC.
 Civil Engineering - Land Planning
 PO Box 307
 Westminster, MD 21157
 Tel. (410) 543-2708
 Fax. (410) 543-3063

SCALE: 1" = 100' DATE _____ SHEET 1 OF 1

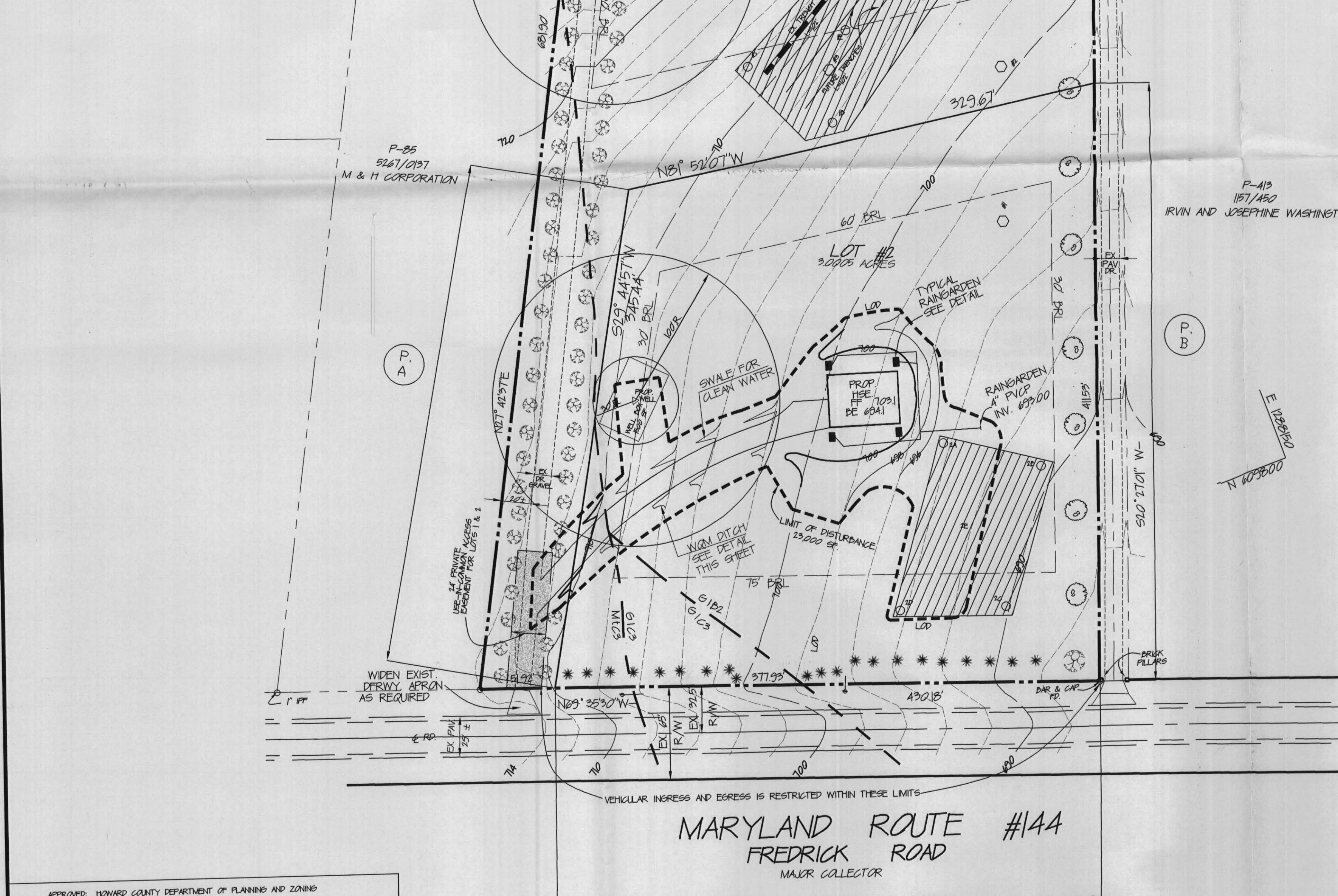
SOILS LEGEND		
SYMBOL	NAME/DESCRIPTION	SOL GRAP
M1G2	MT. AIRY CHANNELLY LOAM 8% TO 18% SLOPE	"B"
G1B2	GLENELE LOAM 3% TO 8%	"B"
G1C2	GLENELE LOAM 8% TO 18%	"C"



RAIN GARDEN PLANT LIST			
SYMBOL	QUANTITY	BOTANICAL / COMMON NAME	SIZE
○	2 / 1 EA	LEX VERTICILLATA - INCENSED	1-2\"/>
○	2 / 2 EA	VERONICA TEXENSIS - NEW YORK ROSEHEED	1-2\"/>



SEE SWM REPORT FOR PROFILES OF RAIN GARDENS



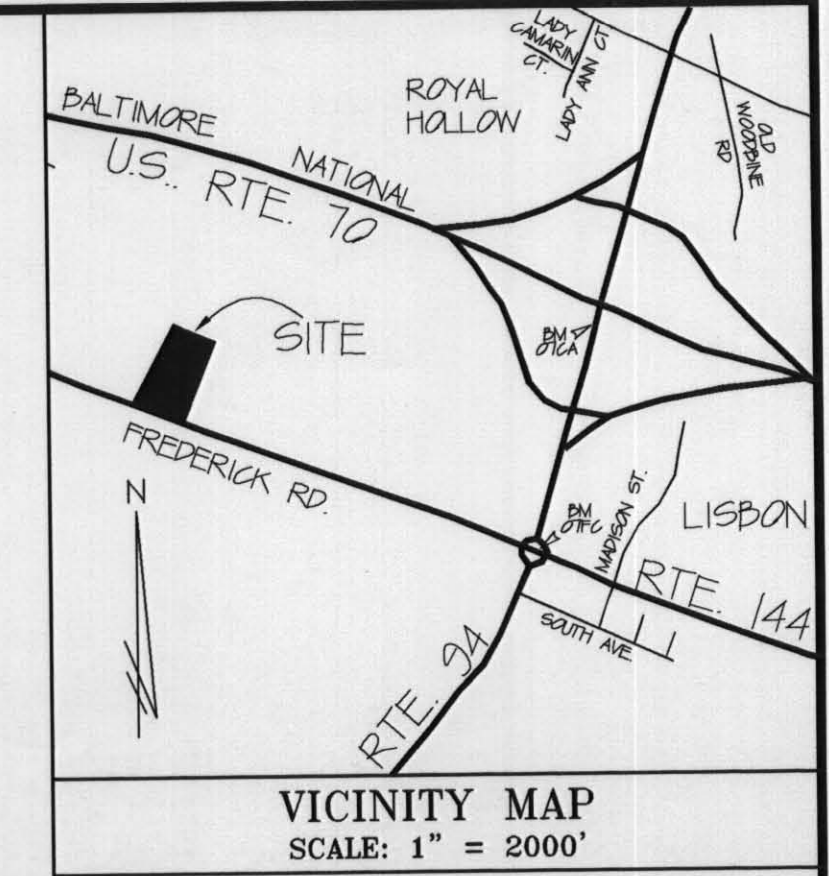
CATEGORY	SCHEDULE A PERIMETER LANDSCAPE EDGE			
	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO ROADWAYS
Perimeter/Frontage Designation	A	D	N/A	C
Perimeter/Frontage Designation	A	D	N/A	C
Linear Feet of Roadway Frontage/Perimeter	946	412	-	978
Number of Plants Required	6 (140)	7 (140)	-	7 (140)
Shade Trees	-	-	-	11 (140)
Evergreen Trees	-	-	-	-
Credit for Existing Vegetation	YES	NO	-	YES
Shade Trees	-	-	-	1
Evergreen Trees	-	-	-	1
** LF OF 2\"/>				
Number of Plants Provided	-	7	-	-
Shade Trees	-	-	-	-
Evergreen Trees	-	-	-	-
Other Trees (21 Substitution)	-	-	-	-
Shrubs (21 Substitution)	-	-	-	-
(Describe Plant Substitution Credits Below if needed)	-	-	-	-

THIS LIST INCLUDES LANDSCAPE MATERIAL FOR PERIMETER LANDSCAPE EDGE			
SYMBOL	QUANTITY	BOTANICAL / COMMON NAME	REMARKS
○	7	FRAXINUS PENNSYLVANICA 'MARSHALL'S SEEDLESS/GREEN ASH'	25-3\"/>

UNLESS OTHERWISE NOTED NO EXISTING TREES ARE TO BE REMOVED FOR THE PLANNED IMPROVEMENTS

LANDSCAPE NOTE:
THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING PLANT MATERIALS, PERIMS, 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. OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION.

DEVELOPER'S/BUILDER'S CERTIFICATE
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, THE ZONING AND THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE REGIONAL MAP OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. I/WE FURTHER CERTIFY THAT UPON COMPLETION A LETTER OF NOTICE ACCOMPANIED BY A SCHEDULED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.



- GENERAL NOTES:**
- COORDINATES BASED ON MD 85 MARYLAND COORDINATE SYSTEM AS PRECISED BY HOWARD COUNTY GEODETIC CONTROL STATIONS N2076A AND N2076B. GEODETIC CONTROL STATION N2076A ELEV 529.51, N2076B ELEV 529.51. GEODETIC CONTROL STATION N2076C ELEV 529.51, N2076D ELEV 529.51.
 - DRL INDICATES EASEMENT RESTRICTION LINE.
 - THE SUBJECT PROPERTY IS ZONED R200 PER THE FEBRUARY 1, 2004 COMPREHENSIVE ZONING PLAN.
 - DENOTES CONCRETE MONUMENT.
○ DENOTES IRON PIPE OR REBAR W/ IDENTIFICATION CAPS.
 - THIS PLAN IS BASED ON A FIELD PLAN MENTIONED SURVEY PERFORMED ON OR ABOUT 10/09 BY CHARLES R. CROCKEN AND ASSOC., INC.
 - AREAS SHOWN ARE MORE OR LESS.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES FOR THE FOLLOWING MINIMUM REQUIREMENTS:
A) WIDTH - 12 (14 FEET SERVING MORE THAN ONE RESIDENCE)
B) SURFACE - 4 INCHES OF COMPACTED GRAVEL OR GRANULAR BASE W/ TAR AND CHIP COATING (1/2\"/>
 - HOWARD COUNTY FILE NO'S: DPZ FILE REFERENCES N/A
 - THERE IS AN EXISTING DWELLING LOCATED ON LOT 1 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN ZONING REGULATIONS REQUIRE.
 - THIS SUBDIVISION IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS DATED OCTOBER 4, 2009. PER COUNCIL BILL 48-2009 EFFECTIVE OCTOBER 2, 2009.
 - SEWAGE WATER MANAGEMENT SHALL BE PROVIDED IN ACCORDANCE WITH THE MARYLAND SEWAGE TREATMENT DESIGN MANUAL VOLUME 1.8 FOR DISCONNECTED RUNOFF FOR HOUSES IDENTIFIED ON THE REQUIRED SUPPLEMENTAL PLANS FOR THIS PLAN TO BE APPROVED BY HOWARD COUNTY.
 - THERE IS AN EXISTING DWELLING/STRUCTURE(S) LOCATED ON LOT 1 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING DWELLING(S) ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
 - THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET (OR 10,000 SQUARE FEET PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR THE INDIVIDUAL SEWAGE DISPOSAL (SEWER) REGULATIONS. 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 VARIANCES FOR ADJUSTMENTS INTO THE PRIVATE SEWAGE EASEMENT. REGISTRATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
THE LOTS SHOWN HEREIN COMPLY WITH THE MINIMUM OVERSIZING WIDTH AND AREA REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT.
 - THIS PLAN IS EXEMPT FROM FOREST CONSERVATION OBLIGATIONS PER SECTION 38.03 (b)(1)(1) OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION MANUAL, SINCE IT IS A SUBDIVISION GREATER OR EQUAL TO AN ADDITIONAL LOT WITH NO FURTHER SUBDIVISION POTENTIAL.
 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 381-8866 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-351-3771 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
 - EXISTING UTILITIES ARE PLOTTED FROM HOWARD COUNTY UTILITY DRAWINGS AND FIELD LOCATED WHERE POSSIBLE.
 - ANY DAMAGE DUE TO THE CONTRACTOR'S ACTIVITIES DONE TO COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME 17, STANDARD DETAIL 17-107.
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 15.04 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING IS TO BE POSTED WITH THE GRADING PERMIT APPLICATION IN THE AMOUNT OF \$50,000 FOR (1) SHRUB TREES.
 - THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE ZONING REGULATIONS AS AMENDED PER COUNCIL BILL 48-2009.
 - TYPICAL HOUSE DIMENSIONS AND SCHEMATIC ARE SHOWN ON THIS SHEET.
 - SUBJECT PROPERTY IS LOCATED ON TAX MAP #1, GRID 4, PARCEL 410.
 - IN ACCORDANCE WITH SECTION 20.02 OF THE HOWARD COUNTY REGULATIONS, DAY WINDOWS, CORNERS OR EXTERIOR STAIRWAYS NOT MORE THAN 10 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK, PORCHES OR DECKS OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
 - A USE IN COMMON MAINTENANCE AGREEMENT FOR LOTS 1 AND 2 SHALL BE RECORDED SEPARATELY WITH THIS PLAN IN THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
 - PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 15.04 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL SHALL BE PROVIDED AS SHOWN ON THE CERTIFIED LANDSCAPE PLAN FILED WITH THIS PLAN SURETY FOR (1) SHRUB TREES ON LOT 2 IN THE AMOUNT OF \$10,000 SHALL BE POSTED WITH THE GRADING PERMIT FOR LOT 2. LOT 1 IS EXEMPT SINCE IT HAS AN EXISTING HOUSE TO REMAIN.

1-17-05

SITE ANALYSIS
AREA OF PARCELS: 6,000 ACRES
AREA OF PLAN SUBMISSION: 6,000 ACRES
PRESENT ZONING: R200
PROPOSED USE OF STRUCTURES: SINGLE FAMILY
UNITS ALLOWED: 2 UNITS
UNITS PROVIDED: 2 UNITS

STATE OF MARYLAND
CHARLES R. CROCKEN
REGISTERED PROFESSIONAL ENGINEER

Charles R. Crocken

LEGEND

Existing Contour	--- -382
Proposed Contour	--- +82.53
Spot Elevation	○
Direction of Flow	→
Existing Trees to Remain	○
Light Poles	☆ Post Top ○ Overhead * Bollard
Shade Trees	○ EXIST. ○ PROP.
Evergreen Trees	★ EXIST. ★ PROP.
Perimeter Landscape Edge	○ (P, B)
TREE PROTECTION FENCE	--- TPF --- TPF --- TPF
PROPOSED RAIN GARDEN	□ L.P.

REVISION	
NO.	DATE
SUPPLEMENTAL / LANDSCAPE PLAN YOUNG PROPERTY LOTS 1 & 2 SINGLE FAMILY DETACHED 16486 FREDERICK RD LIBER 45B/ FOLIO 0001	
TAX MAP 7, GRID 4, PARCEL 410 1ST ELECTION DISTRICT	ZONED R200 HOWARD COUNTY, MARYLAND
DES.	DEVELOPER/OWNERS: MONTGOMERY YOUNG & LAURA A. CRAVEN 16486 FREDERICK RD WOODPINE MD 21797-8516
CHK.	
DRW.	
PREPARED BY: CHARLES R. CROCKEN & ASSOCIATES, INC. CIVIL ENGINEER - LAND PLANNING P.O. BOX 307 WESTMINSTER, MARYLAND 21157-0307 TEL: 410-543-5300 FAX: 410-543-5300	SCALE: 1" = 80' SHEET 1 OF 2

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT DATE _____

DIRECTOR DATE _____