

SHEET INDEX	
NO.	DESCRIPTION
1	PERLIMINARY EQUIVALENT SKETCH AND LANDSCAPE PLAN
2	PERLIMINARY GRADING, SOILS, SEDIMENT AND EROSION PLAN
3	PERLIMINARY FOREST CONSERVATION PLAN

MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
1	6,992 SF	—	6,992 SF
2	10,781 SF	1,440 SF	9,341 SF
3	7,263 SF	—	7,263 SF
4	7,922 SF	659 SF	7,263 SF
5	8,687 SF	714 SF	7,973 SF
6	6,653 SF	101 SF	6,552 SF
7	6,080 SF	—	6,080 SF
8	7,049 SF	—	7,049 SF
9	7,696 SF	315 SF	7,381 SF
10	8,083 SF	806 SF	7,277 SF
11	6,754 SF	496 SF	6,258 SF
12	6,061 SF	—	6,061 SF

COORDINATE CHART (NAD '83)		
BOUNDARY COORDINATES		
503	530334.8932	1358568.9001
517	529862.6891	1357962.4730
518	529771.2849	1358028.0731
519	529735.8660	1358054.0857
520	529679.1455	1358100.4321
522	530410.2865	1358530.5794
552	530485.6813	1358454.2572

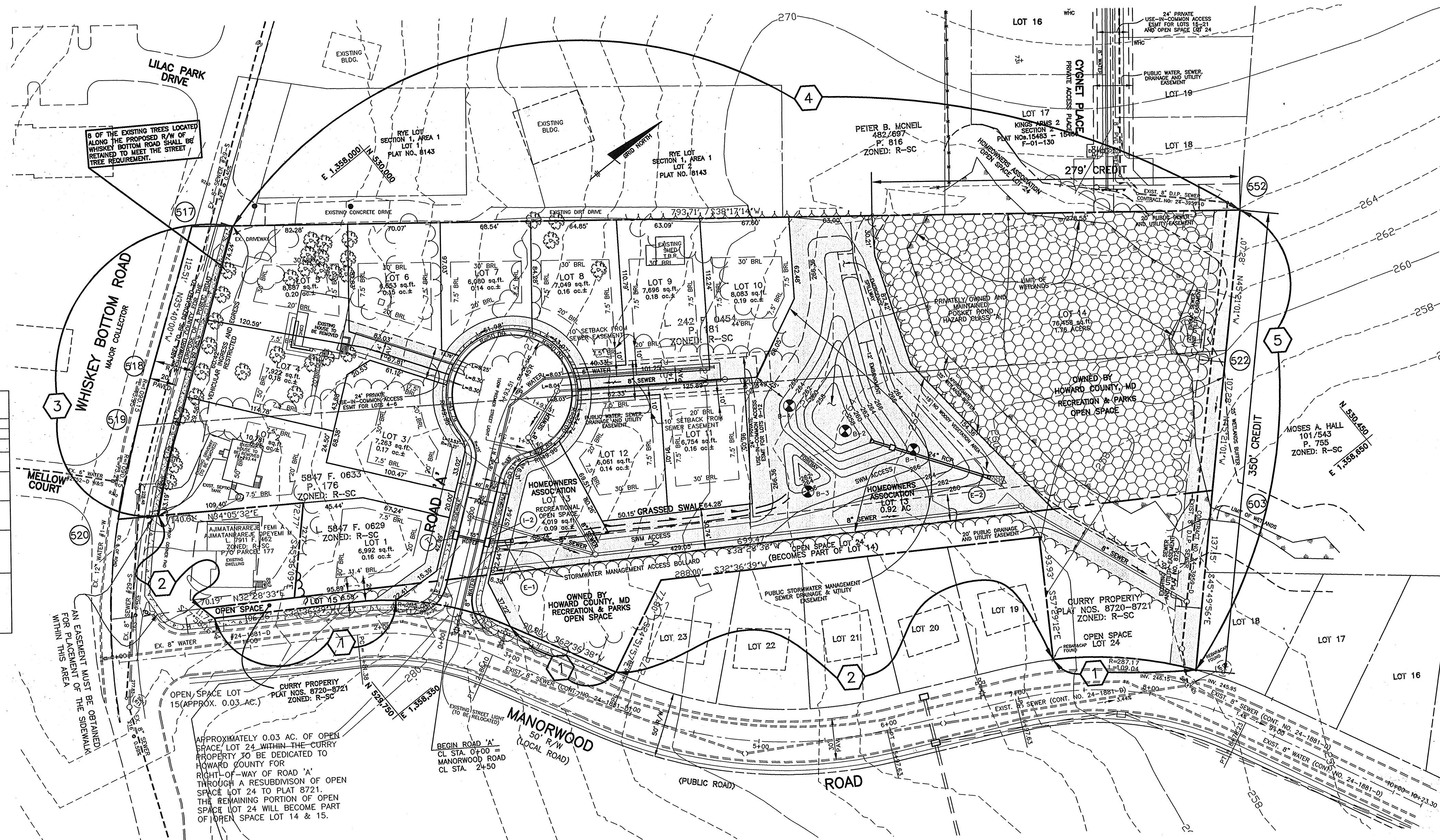
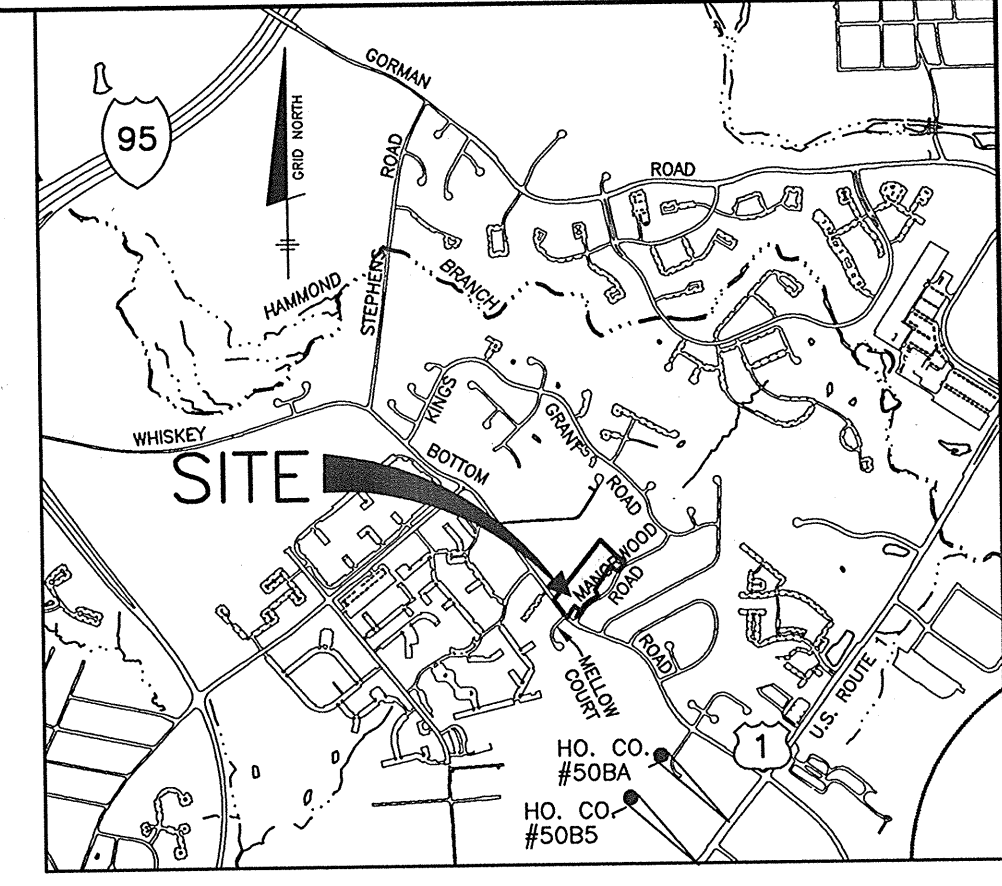
SCHEDULE A PERIMETER LANDSCAPE EDGE									
CATEGORY	ADJACENT TO ROADWAY	ADJACENT TO PERIMETER PROPERTIES	NO	YES	NO	YES	NO	YES	NO
PERIMETER NO. / LANDSCAPE TYPE	(1) B	(2) A	(3) B	(4) A	(5) B	(6) A	(7) B	(8) A	(9) B
LINEAR FEET OF PERIMETER (FRONTAGE/PERIMETER)	306±	744±	224	760±	350				
CREDIT FOR EXISTING VEGETATION (NO OR YES W/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	246'	530'	N/A	YES	350'				
CREDIT FOR WALL, FENCE OR BERM (NO OR YES W/LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO	NO	NO	NO	NO				
NUMBER OF PLANTS PROVIDED:									
SHADE TREES	2	4	5	8	N/A				
EVERGREEN TREES	2	4	5	8	N/A				
OTHER TREES (2:1 SUBSTITUTE)	—	—	—	—	—				
SHRUBS	—	—	—	—	—				
NUMBER OF PLANTS PROVIDED:									
SHADE TREES	2	4	5	8	N/A				
EVERGREEN TREES	2	4	5	8	N/A				
OTHER TREES (2:1 SUBSTITUTE)	—	—	—	—	—				
SHRUBS (1:1 SUBSTITUTE)	—	—	—	—	—				
(DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)									

SCHEDULE D SWM AREA LANDSCAPING	
LINEAR FEET OF PERIMETER	750'
LINEAR FEET OF EXISTING WOODS LINE	250'
LINEAR FEET OF REQUIRED PLANTING	500'
BUFFER TYPE	"B"
NUMBER OF TREES REQUIRED:	
SHADE TREES	10
EVERGREEN TREES	13
CREDIT FOR EXISTING VEGETATION (NO, YES AND %) (DESCRIBE BELOW IF NEEDED)	NO
CREDIT FOR OTHER LANDSCAPING (NO, YES AND %) (DESCRIBE BELOW IF NEEDED)	NO
NUMBER OF TREES PROVIDED:	
SHADE TREES	10
EVERGREEN TREES	13
OTHER TREES (2:1 SUBSTITUTE)	—

Soils	Type	Homes w/ basements		Streets in dense areas	Parking lots	Home gardens
		Open Areas	Dense Areas			
*BeC3	C	Moderate: Impeded drainage; slopes	Moderate: Impeded drainage; slopes	Severe: slopes	Severe: slopes	Severe to very severe: erosion hazard
EvB	A	Slight	Slight	Moderate: slopes	Moderate: slopes	Very severe: droughty
Li	D	Severe: high water table	Severe: high water table	Severe: high water table	Severe: high water table	Severe: high water table

\* Indicates Hydric Soils

BENCH MARKS—(NAD'83)	
HO. CO. #508A	EL. N/A
STANDARD DISC ON CONC. MONUMENT	
N 527561.6702	E 1359772.5936
HO. CO. #5085	EL. 178.242
STANDARD DISC ON CONC. MONUMENT	
N 524999.3640	E 1357925.6751



- GENERAL NOTES
- ALL ASPECTS OF THIS PROJECT SHALL BE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVER(S) HAVE BEEN APPROVED.
  - PUBLIC WATER AND SEWER SYSTEMS SHALL BE PROVIDED FOR THIS DEVELOPMENT.
  - TRACT BOUNDARY IS TAKEN FROM A BOUNDARY SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. DATED SEPTEMBER, 2002.
  - TOPOGRAPHY TAKEN FROM FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY BENCHMARK ENGINEERING, INC. DATED MAY, 2004 AT 2' CONTOUR INTERVALS.
  - HORIZONTAL DATUM FOR THIS PLAN ARE BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM NAD-83 AS PROJECTED FROM HOWARD COUNTY CONTROL POINTS 508A & 5085.
  - WETLAND DELINEATION PROVIDED BY ECO-SCIENCE PROFESSIONALS, INC. DATED OCTOBER 22, 2004.
  - TRAFFIC STUDY PREPARED BY MARS GROUP DATED OCTOBER 22, 2004.
  - FOREST STAND DELINEATION PROVIDED BY ECO-SCIENCE PROFESSIONALS, INC. DATED OCTOBER 22, 2004.
  - ALL LANDSCAPING REQUIREMENTS AS SET FORTH IN THE LANDSCAPE MANUAL SHALL BE COMPLIED WITH.
  - NO DISTURBANCE SHALL OCCUR IN THE WETLANDS OR 25' WETLAND BUFFER EXCEPT AS PERMITTED BY THE DEPARTMENT OF PLANNING AND ZONING.
  - MINIMUM BUILDABLE LOT SIZE SHALL BE 6,000 SQUARE FEET.
  - THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.
  - STORMWATER MANAGEMENT SHALL BE PROVIDED BY POCKET POND. THE FACILITY IS TO BE A CLASS 'A' STRUCTURE.
  - TO THE BEST OF OUR KNOWLEDGE THERE ARE NO CEMETERY LOCATIONS AND NO HISTORIC STRUCTURES ON-SITE.
  - STREET LIGHTS SHALL BE PROVIDED PER DESIGN MANUAL REQUIREMENTS.
  - ALL EXISTING WELLS AND SEPTICS IF LOCATED ON THIS PROPERTY SHALL BE ABANDONED AND VERIFICATION OF THE ABANDONMENT SHALL BE SUBMITTED TO THE HEALTH DEPARTMENT PRIOR TO RECORDATION OF THE PLAT OF THE SUBDIVISION.
  - THERE ARE NO FLOODPLAINS, STREAMS, STREAM BUFFERS OR STEEP SLOPES (25% OR GREATER) WITHIN THIS SITE.
  - ALL WELLS AND SEPTIC SYSTEMS SHALL BE ABANDONED 30 DAYS PRIOR TO FINAL PLAN SIGNATURE. A LICENSED WELL DRILLER SHALL ABANDON THE WELL(S) AND SUBMIT PROPER DOCUMENTATION TO HOWARD COUNTY HEALTH DEPT. THE CONTRACTOR SHALL HAVE THE SEPTIC TANK(S) PUMPED OUT, TANKS CRUSHED AND FILLED WITH SUITABLE MATERIAL.
  - DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
    - A. WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE)
    - B. SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN)
    - C. GEOMETRY - MAXIMUM 15% GRADE, MINIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS.
    - D. STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
    - E. DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
    - F. STRUCTURE CLEARANCES - MINIMUM 12 FEET.
    - G. MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
  - THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION REGULATIONS AS AMENDED BY COUNCIL BILL CB-45-2003 AND THE 2004 ZONING REGULATIONS, AS AMENDED BY COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACKS AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION, OR BUILDING/GRADING PERMITS.
  - A NOISE STUDY IS NOT REQUIRED FOR THIS PROJECT.
  - THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS-CARNES ENGINEERING, ASSOC. DATED SEPTEMBER 27, 2004.
  - THE TOTAL FORESTATION OBLIGATION AREA IS 1.8 ACRES (RETENTION AREA + REFORESTATION AREA) FOR THIS PROJECT WHICH WILL BE PROVIDED BY 1.1 ACRES OF RETENTION AND 0.5 ACRES OF REFORESTATION PROVIDED BY A FEE-IN-LIEU.
  - SPECIAL CONSIDERATION SHALL BE GIVEN TO BASEMENT CONSTRUCTION IN THIS DEVELOPMENT DUE TO POTENTIAL SOIL LIMITATIONS. REFERENCE TABLE THIS SHEET FOR SOIL SPECIFIC LIMITATIONS.
  - THE DEPARTMENT OF RECREATION AND PARKS HAS AGREED TO ALLOW THE PUBLIC ACCESS ROAD ACROSS COUNTY OWNED OPEN SPACE WITHIN THE CURRY PROPERTY TO ACCESS MANORWOOD ROAD FOR AN AGREED UPON FEE WITH SECURITY DEVELOPMENT, IN ACCORDANCE WITH THEIR LETTER DATED SEPTEMBER 28, 2005.

**SWM Facility Summary**

Facility	Type	Storage Volume/Elevations
SWM #1	Pocket Pond	WQv Cpv
		0.1593 AC-FT / @ 262.42'
		0.1451 AC-FT / @ 263.88'

PLAN VIEW  
SCALE: 1" = 50'

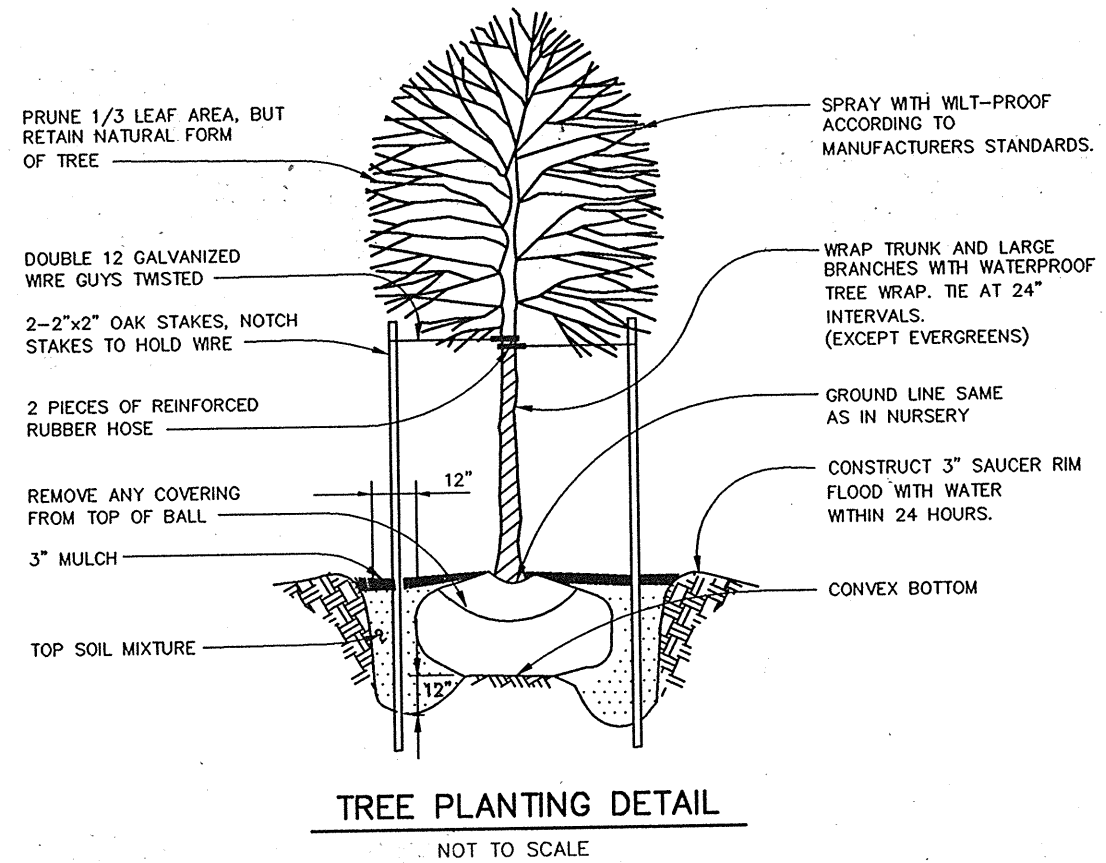
SUMMARY OF GENERAL STORAGE REQUIREMENTS - D.A. B-1			
STEP	REQUIREMENT	VOLUME REQUIRED (AC.-FT.)	NOTES
1	WATER QUALITY VOLUME (WQv)	0.0259	NO NEW IMPERVIOUS AREAS ARE PROPOSED WITHIN THIS DRAINAGE AREA
2	RECHARGE VOLUME (Rev)	0.0017 (OR 0.0162 ACRES)	NO NEW IMPERVIOUS AREAS ARE PROPOSED WITHIN THIS DRAINAGE AREA
3	CHANNEL PROTECTION VOLUME (Cpv)	0.0728	INCLUDED IN THE DESIGN OF THE POCKET POND WITHIN DA B-2
4	OVERBANK FLOOD PROTECTION VOLUME (Op)	N/A	NOT REQUIRED
5	EXTREME FLOOD VOLUME (Of)	N/A	NOT REQUIRED

SUMMARY OF GENERAL STORAGE REQUIREMENTS - D.A. B-2			
STEP	REQUIREMENT	VOLUME REQUIRED (AC.-FT.)	NOTES
1	WATER QUALITY VOLUME (WQv)	0.1593	PROVIDED WITHIN POCKET POND
2	RECHARGE VOLUME (Rev)	0.0168 (OR 0.2048 ACRES)	PROVIDED WITHIN GRASSED SWALES
3	CHANNEL PROTECTION VOLUME (Cpv)	0.1451	PROVIDED WITHIN POCKET POND
4	OVERBANK FLOOD PROTECTION VOLUME (Op)	N/A	NOT REQUIRED
5	EXTREME FLOOD VOLUME (Of)	N/A	NOT REQUIRED

**SITE DATA TABULATION**

- GENERAL SITE DATA
  - a. PRESENT ZONING: R-SC
  - b. APPLICABLE DPZ FILE REFERENCES: F-89-75
  - c. DEED REFERENCES: 242/0454; 5884/0086, 2021/286
  - d. PROPOSED USE OF SITE: 12 SFD HOMES
  - e. PROPOSED WATER AND SEWER SYSTEMS: PUBLIC
- AREA TABULATION
  - a. TOTAL AREA OF SITE: 2.36± AC
  - PARCEL 181: 2.19± AC
  - PARCEL 176: 4.55± AC
  - CURRY PROPERTY OPEN SPACE LOT 24: 0.71± AC
  - TOTAL AREA OF PARCEL 176, 181 & CURRY PROPERTY: 5.26± AC
  - b. AREA OF 100 YEAR FLOODPLAIN: N/A
  - c. AREA OF STEEP SLOPES (25% OR GREATER): N/A
  - d. NET AREA OF SITE: 4.55± AC
  - e. AREA OF THIS PLAN SUBMISSION: 5.26± AC
  - f. AREA OF PROPOSED BUILDABLE LOTS: 2.07± AC
  - g. AREA OF PROPOSED OPEN SPACE LOTS: 2.72± AC
  - h. AREA OF PROPOSED PUBLIC ROAD R/W: 0.47± AC
- LOT TABULATION
  - a. ALLOWABLE RESIDENTIAL LOT YIELD: 4 x NET ACREAGE (4.55±) = 18
  - b. TOTAL NUMBER OF RESIDENTIAL LOTS PROPOSED ON THIS SUBMISSION: 12
  - c. TOTAL NUMBER OF OPEN SPACE LOTS PROPOSED: 2
- OPEN SPACE DATA
  - a. MINIMUM RESIDENTIAL LOT SIZE SELECTED: 6,000 SQ.FT.
  - b. OPEN SPACE REQUIRED (25% OF 4.55 AC.): 1.14± AC + 0.71± AC CURRY PROP. = 1.85 AC
  - OPEN SPACE LOT 24: 0.06± AC
  - c. OPEN SPACE PROVIDED: 2.72± AC
  - NON-CREDITED (LESS THAN 35' IN WIDTH): 0.06± AC
  - 2.66± AC INCLUDING 0.68 AC CURRY PROP. OPEN SPACE LOT 24 CREDITED
  - d. AREA OF RECREATION OPEN SPACE REQUIRED: 3,600 S.F. OR 0.08 AC. (12 LOTS @ 300 SF PER LOT)
  - e. AREA OF RECREATION OPEN SPACE PROVIDED: 4,019 S.F. OR 0.09 AC.

TENTATIVELY APPROVED  
DEPT. OF PLANNING AND ZONING  
HOWARD COUNTY  
Mark J. Wyle  
PLANNING DIRECTOR  
10/10/05



- NOTE:
- TREES SHOULD BE PLANTED A MINIMUM OF 6 FEET FROM THE EDGE OF PAVING AND MUST BE A MINIMUM OF 5 FEET FROM ANY STORM DRAIN.
  - TREES MUST BE PLANTED A MINIMUM OF 5 FEET FROM AN OPEN SPACE ACCESS STRIP AND 10 FEET FROM A DRIVEWAY.
  - SEE TREE PLANTING DETAIL - THIS SHEET.

**BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS**  
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE # SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644

OWNERS: PARCEL: 176 SECURITY DEVELOPMENT, LLC. P.O. BOX 411 ELLICOTT CITY, MARYLAND 21041 410-465-4244

HO.CO. DEPT. OF PARKS AND RECREATIONS 3430 COURT COUSE DRIVE ELLICOTT CITY, MARYLAND 21043

PARCEL: 181 DUNCAN J AND MILDRED M CAMPBELL 9474 WHISKEY BOTTOM ROAD LAUREL, MD 20723

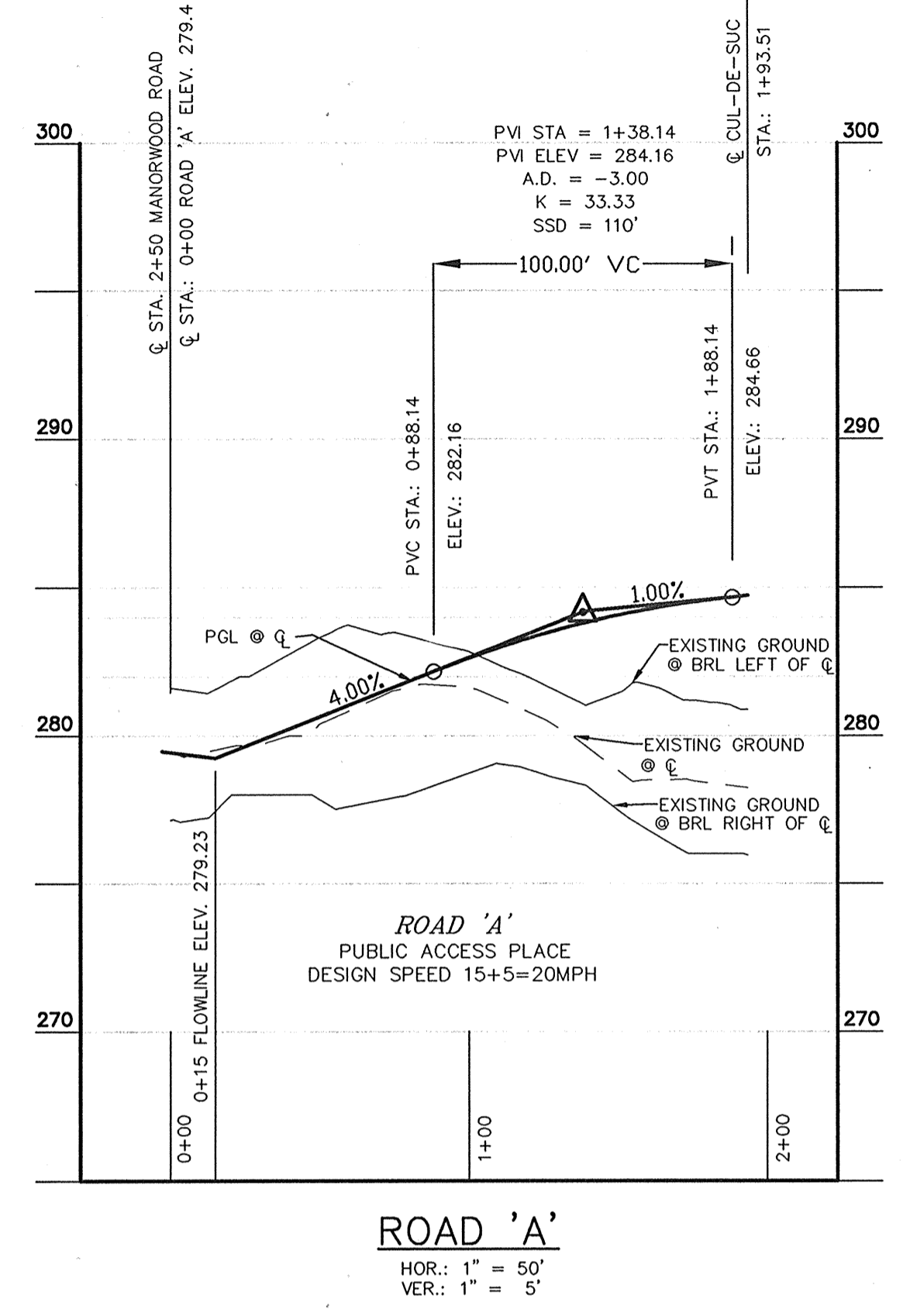
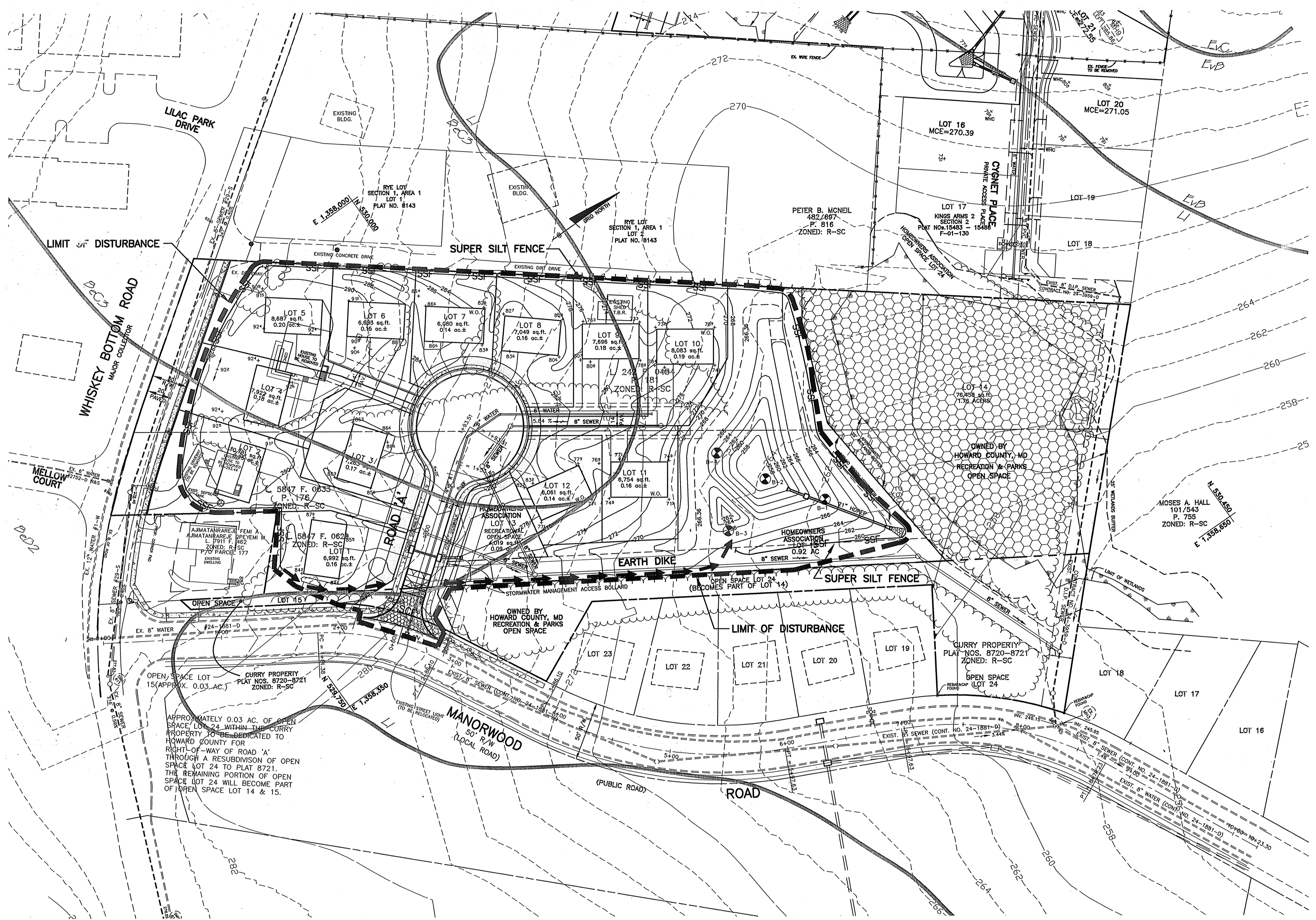
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PROJECT: CAMPBELL/WESSEL PROPERTY LOTS 1-12 AND OPEN SPACE LOTS 13-15 A RESUBDIVISION OF THE CURRY PROPERTY ( PLAT NO. 8721 )

LOCATION: TAX MAP: 47, GRID: 22 PARCELS: 176,178,181 8th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: PRELIMINARY EQUIVALENT SKETCH PLAN AND LANDSCAPE PLAN

DATE: OCTOBER, 2004 AUGUST, 2005 PROJECT NO. 1275 SCALE: AS SHOWN SHEET 1 OF 3



SOILS LEGEND		
MAP SYMBOL	SOIL TYPE	MAPPING UNIT
Bc3	C	BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
EVB	A	EVESBORO LOAMY SAND, 1 TO 5 PERCENT SLOPES
LI	D	LEONARDTOWN SILT LOAM
ScD	B	SANDY AND CLAYEY LAND, MODERATELY SLOPING
Ba2	C	BELTSVILLE SILT LOAM, 1% TO 5% SLOPE, MODERATELY ERODED

\* INDICATES HYDRIC SOILS  
SOILS MAP NO. 33

TENTATIVELY APPROVED  
 DEPT. OF PLANNING AND  
 ZONING OF  
 HOWARD COUNTY  
*Frank J. Lytle* 10/16/05  
 PLANNING DIRECTOR DATE

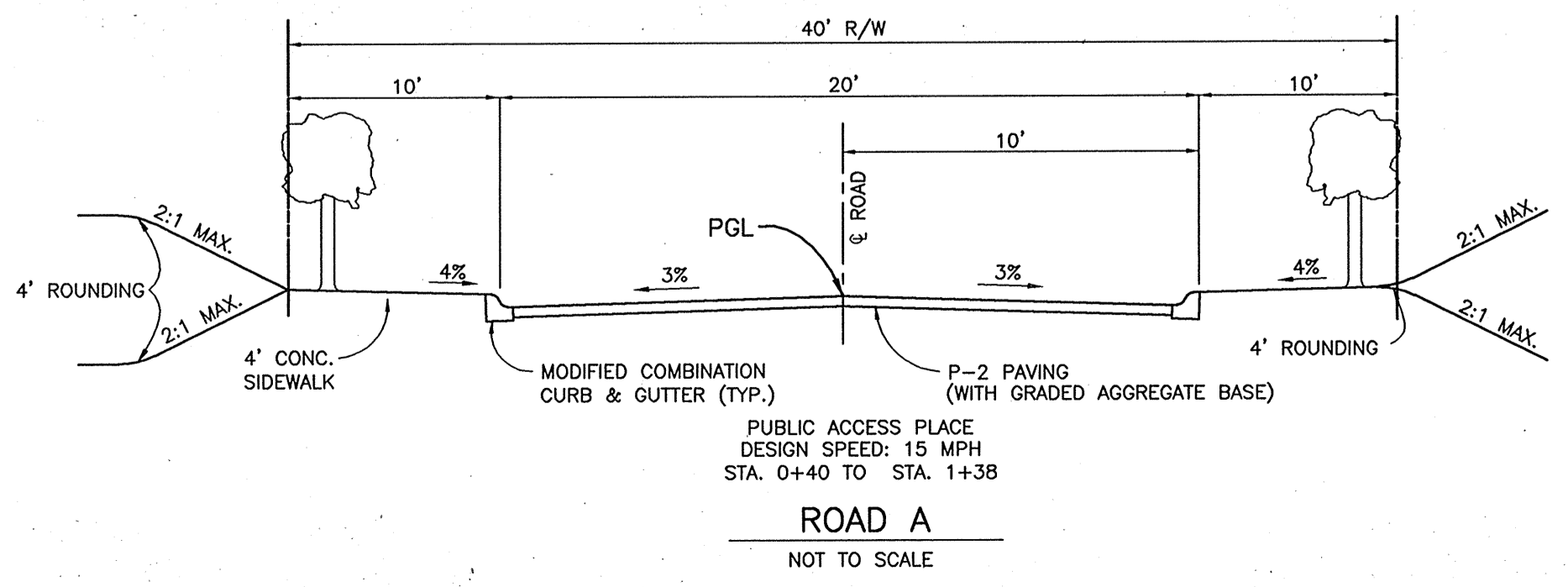
**BENCHMARK**  
 ENGINEERS & LAND SURVEYORS & PLANNERS  
 8480 BALTIMORE NATIONAL PIKE A SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE: 410-465-6105 FAX: 410-465-6644

DONALD M. MANN  
 10/16/05

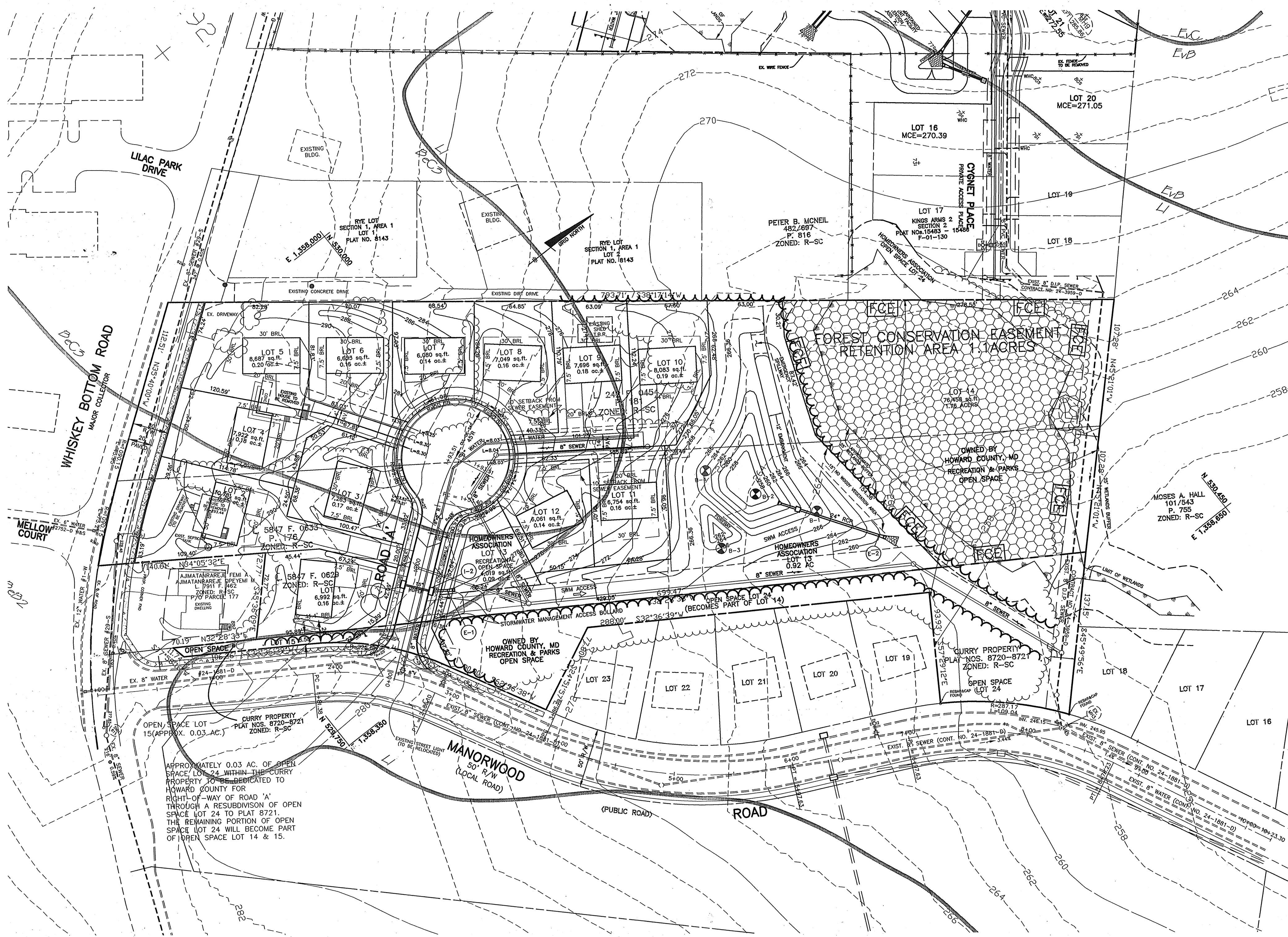
PLAN VIEW  
SCALE: 1" = 50'

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING WETLANDS
- SOIL DIVISION LINE
- LIMIT OF SUBMISSION
- DIVERSION DIKE
- SF --- SF --- SILT FENCE
- SSF --- SSF --- SUPER SILT FENCE
- LIMIT OF DISTURBANCE



OWNERS: PARCEL: 176 SECURITY DEVELOPMENT, LLC. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21041 410-465-4244	PROJECT: CAMPBELL/WESSEL PROPERTY LOTS 1-12 AND OPEN SPACE LOTS 13-15 A RESUBDIVISION OF OPEN SPACE LOT 24 OF THE CURRY PROPERTY (PLAT NO. 8721)
PARCEL: 178 HO.CO. DEPT. OF PARKS AND RECREATIONS 3430 COURT COUSE DRIVE ELLICOTT CITY, MARYLAND 21043	LOCATION: TAX MAP: 47, GRID: 22 PARCELS: 175, 181 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
PARCEL: 181 DUNCAN J AND MILDRED M CAMPBELL 9474 WHISKEY BOTTOM ROAD LAUREL, MD 20723	TITLE: PRELIMINARY GRADING, SOILS, SEDIMENT EROSION CONTROL PLAN S-99-23
DESIGN: LDD DRAFT: LDD/MAN CHECK: DAM	DATE: OCTOBER 2004 AUGUST 2005 PROJECT NO. 1275 SCALE: AS SHOWN SHEET 2 OF 3



**FOREST RETENTION AREA**

**MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS PROHIBITED**

VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE HOWARD COUNTY FOREST CONSERVATION ACT OF 1992

SIGNAGE  
NOT TO SCALE

SOILS LEGEND		
MAP SYMBOL	SOIL TYPE	MAPPING UNIT
Bc3	C	BELTSVILLE SILT LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
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LI	D	LEONARDTOWN SILT LOAM

\* INDICATES HYDRIC SOILS  
SOILS MAP NO. 33

**FOREST CONSERVATION WORKSHEET  
VERSION 1.0**

NET TRACT AREA:

A. Total tract area	=	5.26
B. Area within 100 year floodplain	=	0.00
C. Area to remain in agricultural production	=	0.00
D. Net tract area	=	5.26

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)

Input the number "1" under the appropriate land use Zoning, and limit to only one entry.

	ARA	MDR	IDA	HDR	MDP	CIA
	0	0	0	1	0	0

E. Afforestation Threshold = 15% : D = 0.79  
 F. Conservation Threshold = 20% x D = 1.05

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	=	3.30
H. Area of forest above afforestation threshold	=	2.51
I. Area of forest above conservation threshold	=	2.25

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	=	1.50
K. Clearing permitted without mitigation	=	1.80

PROPOSED FOREST CLEARING:

L. Total area of forest to be cleared	=	2.20	Cannot exceed existing
M. Total area of forest to be retained	=	1.10	

PLANTING REQUIREMENTS:

N. Reforestation for clearing above conservation threshold	=	0.55		
P. Reforestation for clearing below conservation threshold	=	0.00	0.00	
Q. Credit for retention above conservation threshold	=	0.05		
R. Total reforestation required	=	0.50	1.00	0.00
S. Total afforestation required	=	0.00		
T. Total reforestation and afforestation required	=	0.50		

**PLAN VIEW  
SCALE: 1" = 50'**

**LEGEND**

	EXISTING CONTOURS
	PROPOSED CONTOURS
	EXISTING TREELINE
	PROPOSED TREELINE
	EXISTING WETLANDS
	SOIL DIVISION LINE
	FOREST CONSERVATION EASEMENT
	FOREST CONSERVATION SIGNAGE

SITE DATA	
	ACRES
GROSS AREA	5.26
NET TRACT AREA (NTA)	5.26
EXISTING FOREST ON (NTA)	3.3±
CONSERVATION THRESHOLD:	0.0
FOREST TO BE CLEARED:	2.20±
FOREST TO BE RETAINED	1.10
REFORESTATION OBLIGATION	0.50±
ONSITE FORESTATION AVAILABLE	0.0

**PECC NOTES**

- Any Forest Conservation Easement (FCE) area shown hereon is subject to protective covenants which may be found in the Land Records of Howard County which restrict the disturbance and use of these areas.
- Forested areas occurring outside of the FCE shall not be considered part of the FCE and shall not be subject to protective land covenants.
- Limits of disturbance shall be restricted to areas outside the limit of temporary fencing or the FCE boundary, whichever is greater.
- There shall be no clearing, grading, construction or disturbance of vegetation in the Forest Conservation Easement, except as permitted by Howard County DPZ.
- No stockpiles, parking area, equipment cleaning areas, etc. shall occur within area designated as Forest Conservation Easements.
- Temporary fencing shall be used to protect forest resources during construction. The fencing shall be placed along all FCE boundaries which occur within 15 feet of the proposed limits of disturbance.
- Permanent signage shall be placed 50-100' apart along the boundaries of all areas included in Forest Conservation Easements.
- The total forest conservation obligation area is 1.6 acres (retention area + reforestation area) for this project which will be provided by 1.1 acres of retention and 0.5 acres of reforestation provided by a fee-in-lieu.

**TENTATIVELY APPROVED  
DEPT. OF PLANNING AND  
ZONING OF  
HOWARD COUNTY**

*Janice DeLuca* 10/16/05  
**PLANNING DIRECTOR** DATE

**Eco-Science Professionals, Inc.**  
CONSULTING ECOLOGISTS

P.O. Box 5006 Glen Arm, MD 21057 (410) 592-6752

MD DNR Qualified Professional  
USAC02 Wetland Delimitator  
Certificate # 1002000006004402  
*[Signature]* 10/10/05

**BENCHMARK ENGINEERING, INC.**  
ENGINEERS • LAND SURVEYORS • PLANNERS

8480 BALTIMORE NATIONAL PIKE A SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-8105 FAX: 410-465-8644

*Donald Moor*  
10/7/05

OWNERS: PARCEL: 176 SECURITY DEVELOPMENT, LLC. P.O. BOX 417 ELLICOTT CITY, MARYLAND 21041 410-465-4244	PROJECT: CAMPBELL/WESSEL PROPERTY LOTS 1-12 AND OPEN SPACE LOTS 13-15 A RESUBDIVISION OF OPEN SPACE LOT 24 OF THE CURRY PROPERTY ( PLAT NO. 8721)
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PARCEL: 181 DUNCAN J AND MILDRED M CAMPBELL 9474 WHISKEY BOTTOM ROAD LAUREL, MD 20723	TITLE: PRELIMINARY FOREST CONSERVATION PLAN
DESIGN: LDD DRAFT: LDD/MAN/CHECK: DAM	DATE: OCTOBER, 2004 AUGUST, 2005 PROJECT NO. 1275 SCALE: AS SHOWN SHEET 3 OF 3