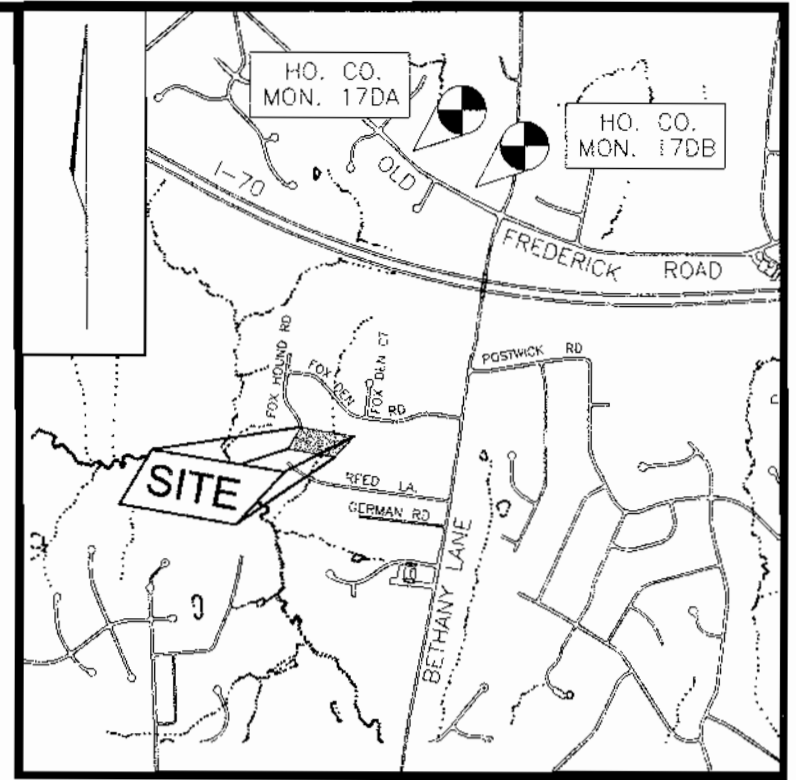


GENERAL NOTES

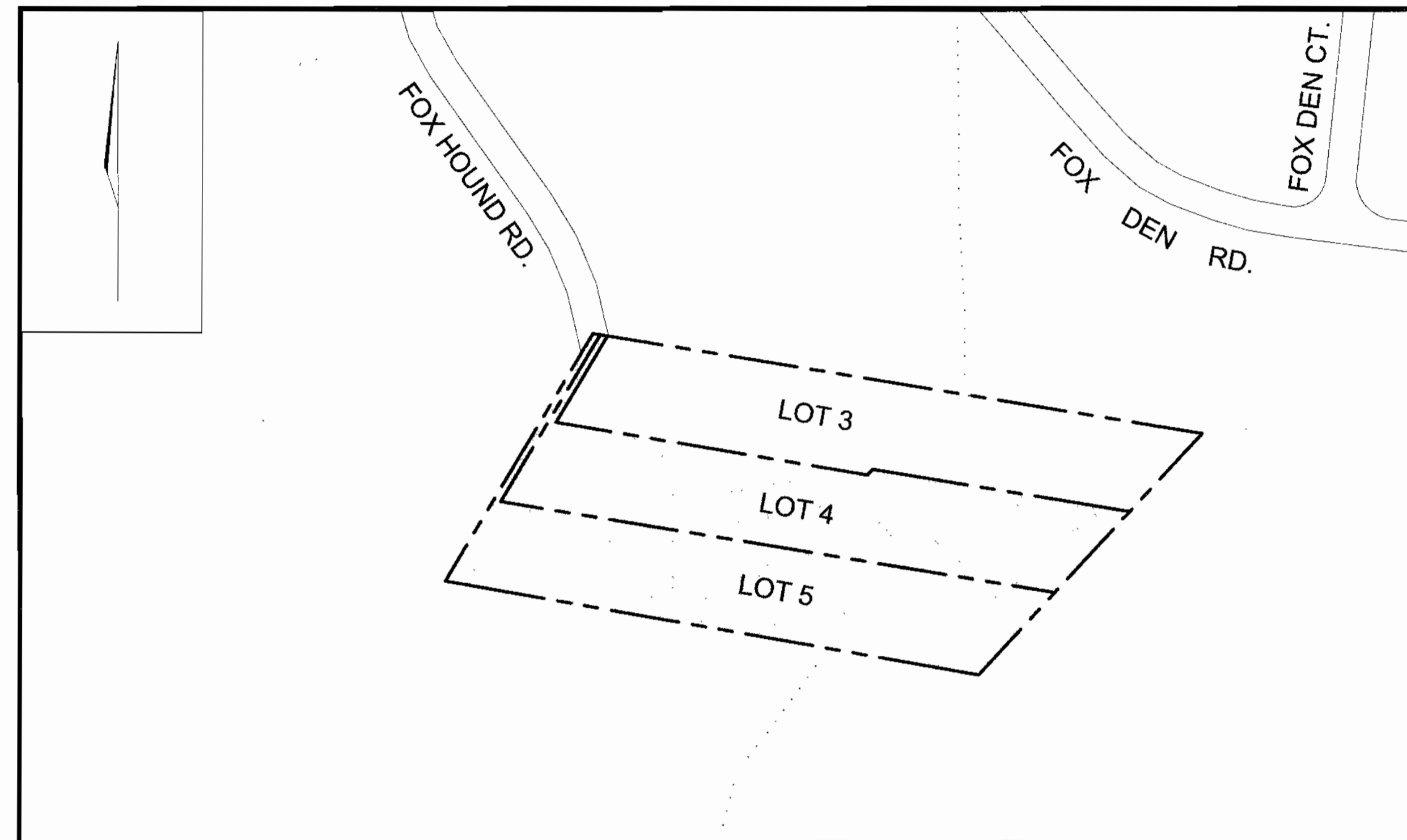
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS:
 - MISS UTILITY 1-800-257-7777
 - BELL ATLANTIC TELEPHONE CO. 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES 313-2366
 - AT&T CABLE LOCATION DIVISION 393-3553
 - B.O.&L. CO. CONTRACTOR SERVICES 850-4670
 - B.O.&E. CO. UNDERGROUND DAMAGE CONTROL 787-4626
 - STATE HIGHWAY ADMINISTRATION 531-5533
- SITE ANALYSIS:
 - AREA OF SITE: 87,123 SF (2.00 AC)
 - AREA OF PLAN SUBMISSION: 87,233 SF (2.00 AC)
 - TOTAL NUMBER OF BUILDABLE LOTS: 2
 - TOTAL NUMBER OF OPEN SPACE LOTS: 0
 - PRESENT ZONING: R-20
 - LIMIT OF DISTURBANCE: 30,815 SF (0.71 AC)
 - PROPOSED USE OF SITE: SINGLE FAMILY DWELLINGS
 - TOTAL UNITS ALLOWED: 2
 - TOTAL UNITS PROPOSED: 2
- PROJECT BACKGROUND:
 - LOCATION: TAX MAP: 17 PARCEL: 17/2 BLOCK: 14
 - ZONING: R-20
 - GRAY FOX WOODS
 - D&D REFERENCE: LIBER 5629 FOLIO 653
 - DPZ REFERENCES: F-01-07, WP-01-47
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
- ANY DAMAGE TO PUBLIC RIGHTS-OF-WAY, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS AND AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE TO THE COUNTY'S RIGHT OF WAY INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.
- SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL ENGINEER. GEOTECHNICAL ENGINEER TO CONFIRM ACCEPTABILITY OF PROPOSED PAVING SECTION, BASED ON SOILS TEST.
- COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY MONUMENT NO'S. 17DA AND 17DB.
- EXISTING TOPOGRAPHY IS BASED ON PLANS PREPARED BY A FIELD SURVEY PREPARED BY VOGEL & ASSOCIATES, PA 7/20 JUNE 2000.
- ACCESS TO WATER HAS BEEN PROVIDED UNDER CONTRACT NO. 44-178. ACCESS TO SEWER HAS BEEN PROVIDED UNDER CONTRACT NO. 20-1087.
- THERE ARE NO STEEP SLOPES LOCATED ON THIS PROPERTY.
- NO BURIAL GROUNDS OR CEMETERIES ARE LOCATED ON THIS PROPERTY.
- IN ACCORDANCE WITH SECTION 12B OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS. PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: (HO. CO. STD P-1 PAVING)
 - A) WIDTH - 12 FEET (14 FEET IF SERVING MORE THAN ONE RESIDENCE)
 - B) SURFACE - 6 INCHES OF COMPACTED CRUSHED RUN BASE WITH IAK AND CHIP COATING
 - C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE, AND MINIMUM 45 FOOT TURNING RADIUS
 - D) STRUCTURES (CULVERTS/BRIDGES) - MUST SUPPORT 25 GROSS TON LOADING (+25 LOADING)
 - E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD EVENTS WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
 - F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
 - G) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- ALL DRIVEWAY APRONS TO BE PER HOWARD COUNTY STANDARD DETAIL NO'S R-6.05 & R-6.01 UNLESS OTHERWISE NOTED.
- PERIMETER LANDSCAPING FOR LOT 5 SHALL BE PROVIDED AS SHOWN ON SHEET 2 OF THIS SITE PLAN AND IN ACCORDANCE WITH CERTIFIED LANDSCAPE PLAN ON FILE WITH F-01-07. PER SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE PLAN, LOT # IS AN INTERIOR LOT AND IS EXEMPT FROM PERIMETER LANDSCAPING. LOT 5 SHALL REQUIRE (6) SHADE TREES AND SHALL HAVE SURETY POSTED WITH THE GRADING PERMIT IN THE AMOUNT OF \$1800.00.
- WETLANDS SHOWN HEREON BASED ON DELINEATION PERFORMED BY WILDMAN ENVIRONMENTAL SERVICES DATED APRIL 2000.
- 100 YEAR FLOODPLAIN SHOWN HEREON BASED ON ANALYSIS PERFORMED BY VOGEL AND ASSOCIATES, INC.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS, STREAMS, FLOODPLAINS, OR THEIR BUFFERS EXCEPT FOR INDIVIDUAL WATER AND SEWER HOUSE CONNECTIONS ON LOTS 4 AND 5.
- FEE-IN-LIEU OF THE OPEN SPACE IN THE AMOUNT OF \$4500.00 (\$1500.00 FOR EACH NEW LOT) WAS APPROVED AND HAS BEEN PAID BY THE DEVELOPER UNDER F-01-07.
- REFERENCE WAIVER PETITION WP-01-47 APPROVED DECEMBER 5, 2000 TO WAIVE SECTION 16.120(C)(3) AND SECTION 16.120(C)(4) OF THE HOWARD COUNTY SUBDIVISION REGULATIONS TO REDUCE THE MINIMUM LOT FRONTAGE OF LOT 3 TO 6.83' AND ADJACENT PIPESYSTEM LOTS WHICH SHARE A COMMON DRIVEWAY TO HAVE SUFFICIENT COLLECTIVE FRONTAGE TO MEET DRIVEWAY EASEMENT REQUIREMENTS IN THE DESIGN MANUAL (i.e. 24 FEET) SUBJECT TO:
 - A. THE 14' DRIVEWAY IS CONSTRUCTED WITHIN THE EASEMENT TO FOX HOUND ROAD WITHOUT DISTURBANCE TO ADJACENT LOT 27.
 - B. NO FURTHER SUBDIVISION WILL BE PERMITTED UTILIZING THE USE IN COMMON ACCESS EASEMENT PROPOSED FOR LOTS 3-5 ON THIS PLAT (F-01-07)
 - C. THE APPLICANT SHALL GRANT EASEMENT OF THE 100 YEAR FLOODPLAIN TO HOWARD COUNTY AS PART OF THE SUBDIVISION PROPOSAL.
- FEE-IN-LIEU OF PROVIDING STORMWATER MANAGEMENT FOR THIS PROJECT PER SECTION 5.23.A.3 OF THE DESIGN MANUAL, VOLUME 1 WAS APPROVED ON JULY 27, 2000. WATER QUALITY FOR LOTS 4 & 5 WILL BE PROVIDED BY THE INSTALLATION OF DRYWELLS FOR EACH INDIVIDUAL LOT.
- THE FOREST CONSERVATION OBLIGATIONS INCURRED BY THIS SUBDIVISION (1.54 ACRES OF REFORESTATION) HAS BEEN MET BY THE PURCHASE OF 1.54 ACRES OF OFF-SITE FOREST CONSERVATION EASEMENT LOCATED ON THE WINKLER PROPERTY MITIGATION BANK UNDER F-01-07.

SITE DEVELOPMENT PLAN
GRAY FOX WOODS
 LOTS 4 AND 5
 HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1"=2000'

BENCHMARKS			
NO.	NORTHING	EASTING	ELEVATION
17DA	595,410.845	1,351,641.146	482.04
17DB	594,529.556	1,352,722.586	476.02



LOCATION PLAN
SCALE: 1"=100'

ADDRESS CHART	
LOT #	STREET ADDRESS
4	2841 FOX HOUND ROAD
5	2845 FOX HOUND ROAD

PERMIT INFORMATION CHART					
PROJECT NAME		SECTION/AREA	PARCEL NUMBER		
GRAY FOX WOODS			73		
PLAT REF.	BLOCK NO.	ZONE	TAX MAP	ELECT. DIST.	CENSUS TR.
15153	14	R-20	17	2ND	6022 00
WATER CODE:		SEWER CODE:			
H08		5991000			

SHEET INDEX		
DESCRIPTION	SHEET NO.	
COVER SHEET	1 OF 3	
SITE DEVELOPMENT AND LANDSCAPE PLAN	2 OF 3	
DETAILS	3 OF 3	

NO.	REVISION	DATE

COVER SHEET
GRAY FOX WOODS
 LOTS 4 AND 5

TAX MAP 17 BLOCK 14 PARCEL 173
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FREDERICK WARD ASSOCIATES, INC.
 ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
 ARCHITECTS Phone: 410-290-9550 Fax: 410-720-6226
 SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

DESIGN BY: JCO
 DRAWN BY: JT
 CHECKED BY: RHW
 DATE: FEB. 1, 2002
 SCALE: AS NOTED
 W.O. NO.: 2019186

1 SHEET OF 3

OWNER / DEVELOPER

MICHAEL PFAU
 7320 GRACE DRIVE
 COLUMBIA, MD 21044
 (410) 531-6444

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Development Engineering Division
 Cindy Hamilton
 Director of Land Development
 Director

4/10/02
 4/12/02
 4/10/02

REVIEWED FOR HOWARD SCD AND M&L'S TECHNICAL REQUIREMENTS
 USDI/NATURAL RESOURCES CONSERVATION SERVICE
 Jim Meyer
 Director of Land Conservation
 Director

4/15/02
 4/15/02

ENGINEERS CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature of Engineer: Robert H. Vogel
 Date: 3/27/02

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.
 Signature of Developer: Michael Pfauf
 Date: 3/28/02

