

SKETCH PLAN

WORTHINGTON FIELDS

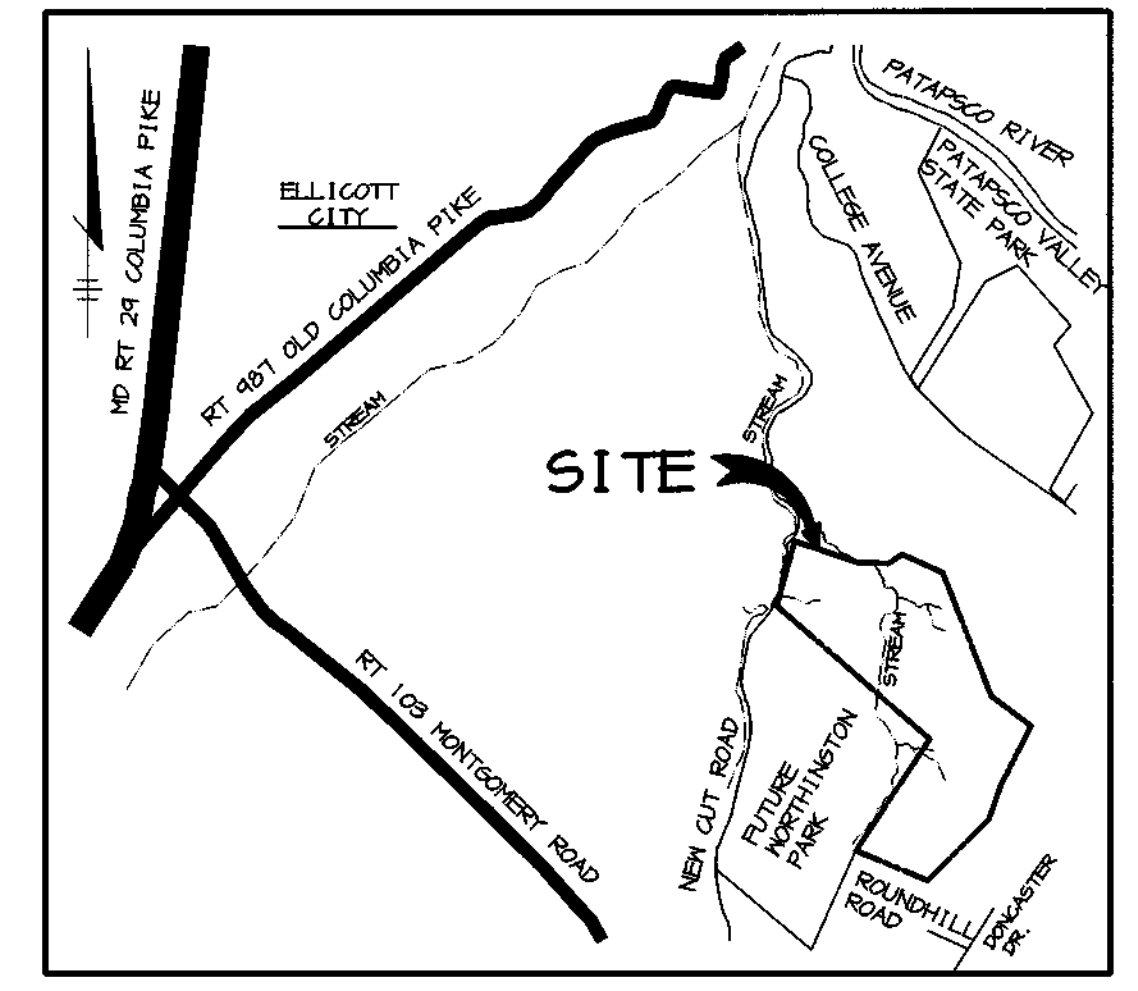
LOTS 1 - 151

2nd ELECTION DISTRICT

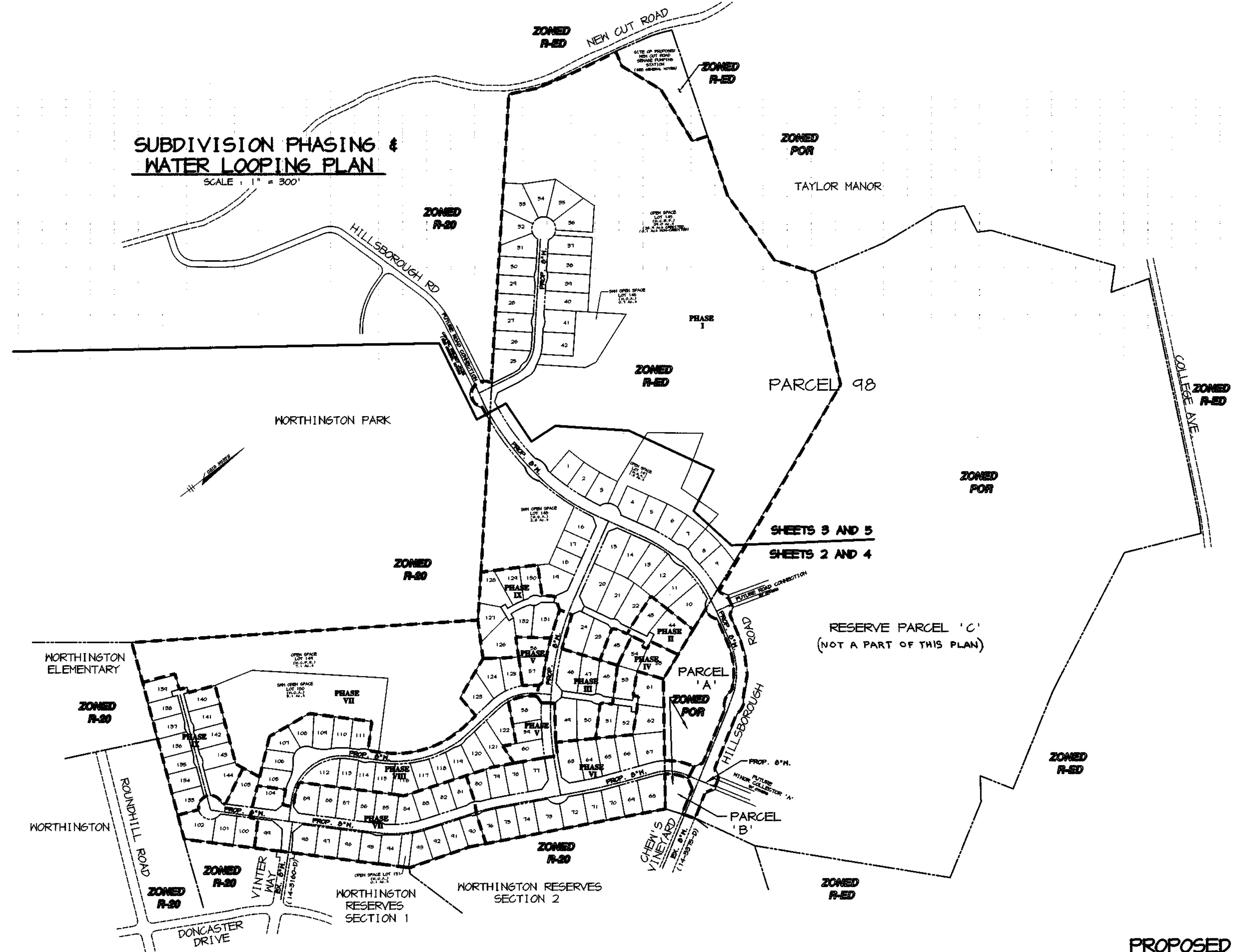
HOWARD COUNTY, MARYLAND

GENERAL NOTES

1. THIS SUBDIVISION IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
2. EXISTING ZONING IS R-ED & POR AS PER THE 1993 HOWARD COUNTY COMPREHENSIVE ZONING PLAN.
3. WORTHINGTON FIELDS IS ONE OF A NUMBER OF PIECES OF THE DEVELOPMENT OF AUTUMN VIGN BY LAND DESIGN & DEVELOPMENT, INC. ATTENTION DONALD REUMER, JR., A MAP OF THE ENTIRE, CONTIGUOUS DEVELOPMENT SHALL BE SUBMITTED SEPARATELY.
4. THE SITE IS LOCATED WITHIN THE METROPOLITAN UTILITY DISTRICT OF HOWARD COUNTY, MARYLAND (ACCORDING TO THE HOWARD COUNTY MASTER PLAN FOR WATER AND SEWER, REVISED JANUARY 1985).
5. PROPOSED WATER AND SEWER SYSTEMS SHALL BE PUBLIC. EXISTING WATER CONTRACT #14-3160-D & #14-3375-D WILL BE EXTENDED FROM VINTER WAY & CHEM'S VINEYARD, RESPECTIVELY. A NEW SEWER WILL BE PROPOSED TO DRAIN TO PLANNED PUMPING STATION. NO WELL AND SEPTIC SYSTEMS EXIST ON SITE.
6. TOPOGRAPHICAL DATA OBTAINED FROM AN AERIAL SURVEY PERFORMED BY WINGS AERIAL MAPPING COMPANY, INC. PHOTOGRAPHED MARCH, 1995. INFORMATION ESTABLISHED AT TWO FOOT INTERVALS AND SHOWN AT FIVE FOOT INTERVALS.
7. SOILS INFORMATION OBTAINED FROM USDA "SOILS SURVEY OF HOWARD COUNTY, MARYLAND" MAP SHEET NO. 20 (7/68).
8. THE TRAFFIC STUDY FOR THIS SUBDIVISION WAS PREPARED BY THE TRAFFIC GROUP, INC., DATED JUNE 8, 1998.
9. A SCENIC ROAD STUDY HAS BEEN PREPARED BY RIEMER, MUEGGE AND ASSOC., INC., DATED SEPTEMBER 21, 1998.
10. NO SIGHT DISTANCE ANALYSIS IS REQUIRED. ALL PROPOSED SITE ENTRANCE ROADS ARE EXTENSIONS TO EXISTING ROADS.
11. A NOISE STUDY IS NOT REQUIRED FOR THIS SUBDIVISION.
12. A SEARCH OF HOWARD COUNTY ZONING RECORDS DID NOT REVEAL ANY BOARD OF APPEALS OR ZONING BOARD CASES FOR THIS PROPERTY.
13. THE AREA WITHIN THE APPROXIMATE LIMIT OF DISTURBANCE IS 50 AC. = 57% DISTURBANCE.
14. THERE ARE APPROXIMATELY 0.25 AC. OF NON-TIDAL WETLANDS FOUND ON THE SITE. ALL WETLAND LIMITS SHOWN ON THIS PLAN WERE TAKEN FROM REPORTS PREPARED BY CHESAPEAKE ENVIRONMENTAL, DATED MARCH 1995. THE WETLANDS HAVE BEEN VERIFIED BY RIEMER, MUEGGE & ASSOCIATES AND RECORDED IN A REPORT PREPARED BY THE SAME, DATED SEPT. 25, 1998.
15. THERE ARE APPROXIMATELY 26.6 AC. OF SLOPES 15-25% AND 6.4 AC. OF SLOPES 25% OR GREATER ON THE SITE. (MIN. 20,000 SF)
16. APPROXIMATELY 20,000 SF OF SENSITIVE AREA, CONSISTING OF 100 YR. FLOODPLAIN, STREAM AND STREAM BUFFER, WILL BE DISTURBED BY THE PERPENDICULAR CROSSINGS OF PROPOSED CHEM'S VINEYARD. APPROXIMATELY 1.1 AC. OF FOREST AND 0.3 AC. OF STREAM BUFFER WILL BE DISTURBED BY THE INSTALLATION OF THE GRAVITY SEWER FROM THIS SUBDIVISION TO THE FUTURE NEW CUT ROAD SEWAGE PUMPING STATION.
17. FOREST CONSERVATION NOTES: THE WORTHINGTON FIELDS SUBDIVISION IS A PORTION OF THE OVERALL DEVELOPMENT OF THE AUTUMN VIGN PROPERTY. A FOREST STAND DELINEATION REPORT FOR WORTHINGTON FIELDS HAS BEEN PREPARED BY CHESAPEAKE ENVIRONMENTAL, AND WILL BE SUBMITTED WITH THESE PLANS. A FOREST CONSERVATION WORKSHEET FOR THE WORTHINGTON FIELDS PORTION HAS BEEN PREPARED (SEE THIS SHEET). ALL FOREST RETENTION REQUIRED BY THIS SUBDIVISION WILL TAKE PLACE ON THIS SUBDIVISION PROPERTY AND WILL BE PLACED IN A PERPETUAL EASEMENT.
18. STORMWATER MANAGEMENT WILL BE PROVIDED FOR BOTH THE PUBLIC AND PRIVATE ROADS AND THE PRIVATE LOTS. THE STORMWATER MANAGEMENT FACILITIES SHOWN ON THIS PLAN ARE AN APPROXIMATION OF THEIR ULTIMATE SIZE AND SHAPE. IT IS UNDERSTOOD THAT THESE FACILITIES HAVE NOT BEEN DESIGNED AND THEIR SIZE AND SHAPE MAY CHANGE ALTERING THE NUMBER OF UNITS ALLOCATED FOR THIS DEVELOPMENT. INITIAL STUDIES REQUIRE S.M.H.F. 1 & 3 TO BE BUILT IN PHASE I AND S.M.H.F. 2 TO BE BUILT IN PHASE VII.
19. THERE ARE NO KNOWN CEMETERY OR BURIAL PLOTS LOCATED ON THE SITE, ACCORDING TO THE HOWARD COUNTY HISTORIC & CEMETERY SITE MAP.
20. THERE ARE NO STRUCTURES OF HISTORIC VALUE ON THE SITE, ACCORDING TO THE MARYLAND HISTORIC TRUST, VIA INVESTIGATION BY STEVE BOCKMILLER OF THE HOWARD COUNTY HISTORIC DISTRICT COMMISSION.
21. THIS PROPERTY IS LOCATED IN THE WORTHINGTON ELEMENTARY SCHOOL DISTRICT.
22. OPEN SPACE NOTES:
 - UTILITY BOXES MAY NOT BE LOCATED WITHIN THE OPEN SPACE ACCESS STRIPS.
 - BOLLARDS AS SPECIFIED BY THE DEPARTMENT OF RECREATION AND PARKS SHALL BE LOCATED AT THE FOUR CORNERS OF THE OPEN SPACE ACCESS STRIPS.
 - ALL OPEN SPACE LOTS LABELED H.O.A. ARE TO BE DEDICATED TO THE HOMEOWNERS ASSOCIATION.
 - ALL OPEN SPACE LOTS LABELED H.C.R.P. ARE TO BE TRANSFERRED FEE SIMPLE TO HOWARD COUNTY DEPARTMENT OF PARKS & RECREATION.
23. NEW CUT ROAD PUMP STATION NOTES:
 - PRIVATE COMPANY RESPONSIBLE FOR CONSTRUCTION AND FUNDING IS WORTHINGTON FIELDS DEVELOPMENT CORPORATION.
 - NOT A CAPITAL PROJECT.
24. HILLSBOROUGH ROAD (FORMERLY CHEM'S VINEYARD) THROUGH WORTHINGTON PARK NOTES:
 - CAPITAL PROJECT J4159
 - AGENCY RESPONSIBLE FOR CONSTRUCTION AND FUNDING IS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.



VICINITY MAP
SCALE: 1" = 2000'



SITE TABULATION

AREA TABULATION	R-ED	POR
EXISTING ZONING:	R-ED	POR
GROSS SITE AREA:	83.5 Ac. ±	4.0 Ac. ±
LESS STEEP SLOPES*	4.5 Ac. ±	N/A
APPROXIMATE 100 YEAR FLOODPLAIN:	1.8 Ac. ±	N/A
NET SITE AREA	72.2 Ac. ±	4.0 Ac. ±
* SLOPES ≥ 25%, OUTSIDE OF 100 YEAR FLOODPLAIN, SUSTAINED AT LEAST 10 VERTICAL FEET.		
AREA OF FUTURE DEVELOPMENT:	N/A	2.7 Ac. ±
AREA OF PROPOSED RESIDENTIAL LOTS:	32.2 Ac. ±	N/A
AREA OF PROPOSED OPEN SPACE ~ CREDITED:	44.1 Ac. ±	N/A
AREA OF PROPOSED OPEN SPACE ~ NON-CREDITED:	0.1 Ac. ±	N/A
AREA OF PROPOSED PUBLIC ROAD:	6.4 Ac. ±	1.3 Ac. ±
AREA OF PROPOSED PRIVATE ROAD:	0.7 Ac. ±	N/A
TOTAL AREA	83.5 Ac. ±	4.0 Ac. ±

OPEN SPACE REQUIRED (25% OF GROSS AREA):	20.8 Ac. ±	N/A
OPEN SPACE PROVIDED:	44.1 Ac. ±	N/A
RECREATION AREA REQUIRED (250 SF/UNIT):	36,000 SF	N/A
RECREATION AREA PROVIDED:	41,000 SF	N/A

MAXIMUM DENSITY ALLOWED (R-ED PORTION ONLY)		
DENSITY: NO. OF UNITS ALLOWED AT 2 D.U./NET AC.:		144 D.U.
R-ED PROPOSED RESIDENTIAL LOTS/D.U.:		
PHASE 1:	42 D.U.	
PHASE 2:	3 D.U.	
PHASE 3:	5 D.U.	
PHASE 4:	5 D.U.	
PHASE 5:	5 D.U.	
PHASE 6:	20 D.U.	
PHASE 7:	20 D.U.	
PHASE 8:	25 D.U.	
PHASE 9:	19 D.U.	
TOTAL PROPOSED RESIDENTIAL LOTS/D.U.:	144 D.U.	
OPEN SPACE LOTS (INCLUDING OPEN SPACE & SHMF):	7 LOTS	
TOTAL PROPOSED LOTS:	151 LOTS	

SHEET INDEX	NO DESCRIPTION
1	TITLE SHEET
2	SKETCH PLAN
3	SKETCH PLAN
4	SOILS MAP
5	SOILS MAP

DATE NO.	REVISION
DEVELOPER/OWNER	
DR. IRVING & EDITH TAYLOR C/O LAND DESIGN & DEVELOPMENT, INC. 10805 HICKORY RIDGE ROAD, SUITE 215 COLUMBIA, MARYLAND 21044 ATTN.: MR. DONALD R. REUMER PHONE: 410-740-2100	
PROJECT	
WORTHINGTON FIELDS (FUTURE NAME: AUTUMN FIELDS)	
AREA	
P/O PARCEL 98 TAX MAP 25, GRID 20 & TAX MAP 31, GRID 2 2nd ELECTION DISTRICT, ZONED R-ED & POR HOWARD COUNTY, MARYLAND	
TITLE	
TITLE SHEET	
RIEMER MUEGGE & ASSOCIATES, INC.	
ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	

WORTHINGTON FIELDS FOREST CONSERVATION WORKSHEET

BASIC SITE DATA	R-ED	POR
GROSS SITE AREA:	83.5 Ac. ±	4.0 Ac. ±
LESS AREA WITHIN 100 YR. FLOODPLAIN:	1.8 Ac. ±	N/A
NET TRACT AREA:	81.7 Ac. ±	4.0 Ac. ±
REFORESTATION/AFFORESTATION THRESHOLD (20%):	16.3 Ac. ±	0.80 Ac. ±
EX. FOREST WITHIN NET TRACT AREA:	51.1 Ac. ±	0.04 Ac. ±
FOREST AREA TO BE CLEARED:	20.5 Ac. ±	0.02 Ac. ±
FOREST AREA TO BE RETAINED:	30.6 Ac. ±	0.02 Ac. ±
REFORESTATION FOR CLEARING ABOVE THRESHOLD (CLEARING x 0.25):	5.1 Ac. ±	N/A
REFORESTATION FOR CLEARING BELOW THRESHOLD (CLEARING x 2):	N/A	0.04 Ac. ±
AFFORESTATION REQUIRED (THRESHOLD - FOREST RETAINED):	N/A	0.78 Ac. ±
LESS CREDIT FOR RETENTION ABOVE THRESHOLD (30.6-16.3):	-14.3 Ac. ±	N/A
TOTAL REFORESTATION/AFFORESTATION OBLIGATION:	-9.2 Ac. ±	0.82 Ac. ±
		-9.38 Ac. ± = 0.0 Ac.

APFO SCHEDULE/ PROJECT PHASING			
PHASE	YEAR	ZONING	TOTAL NUMBER OF LOTS OR UNITS
I	2001	R-ED	42 UNITS
II	2003		3 UNITS
III	2004		5 UNITS
IV	2005		5 UNITS
V	2006		5 UNITS
VI	2007		20 UNITS
VII	2008		20 UNITS
VIII	2009		25 UNITS
IX	2010		14 UNITS
TOTAL			144 UNITS

PROPOSED RESIDENCE ELEVATION (PROTOTYPE)

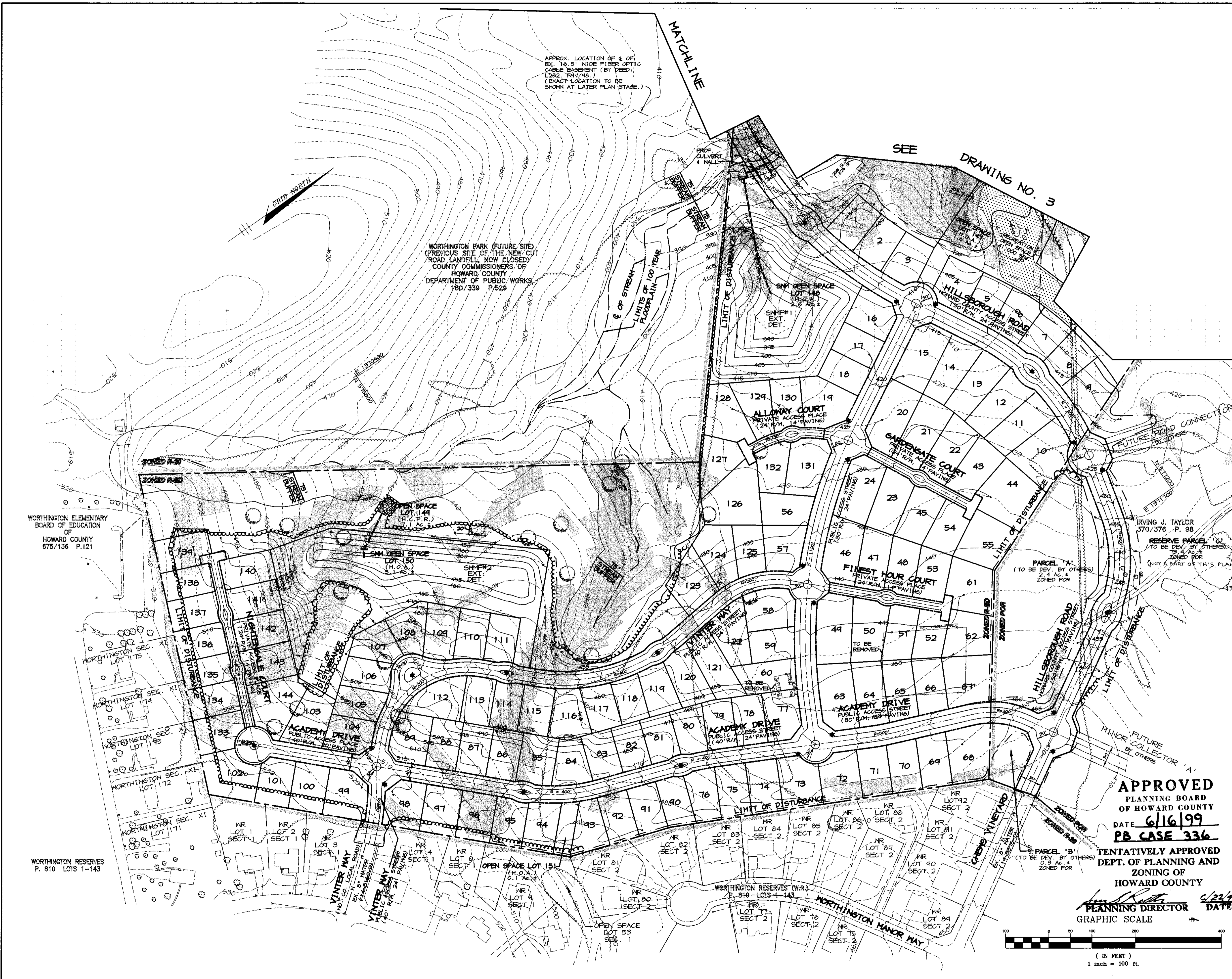


TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY
Donald R. Reumer
PLANNING DIRECTOR DATE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6/16/99
PB CASE 336



DESIGNED BY: DD/RF
DRAWN BY: RF/JP
PROJECT NO. 97310/SKETCH
DATE: JUNE 10, 1999
SCALE: AS NOTED
DRAWING NO. 1 OF 5



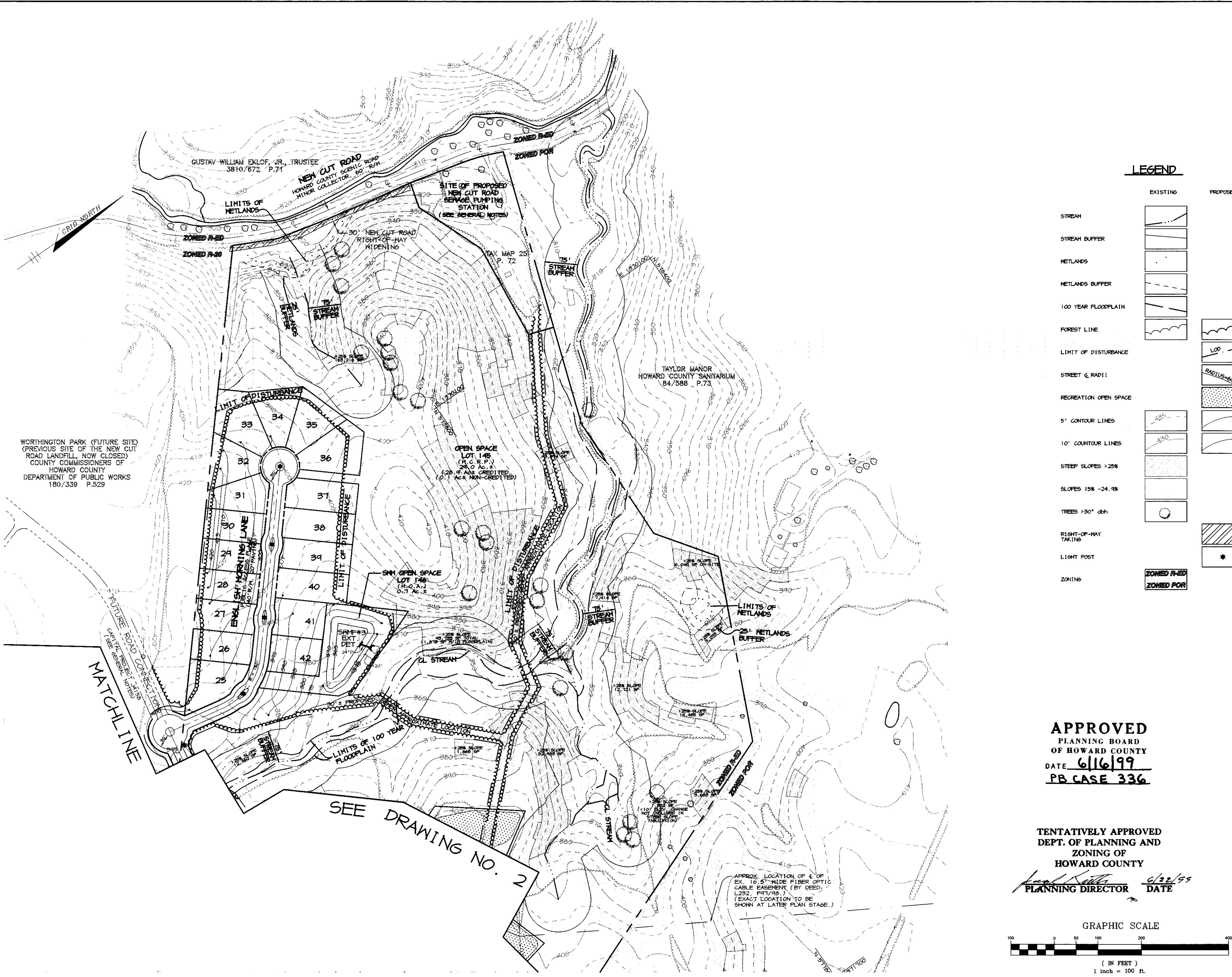
LEGEND

	EXISTING	PROPOSED
STREAM		
STREAM BUFFER		
WETLANDS		
WETLANDS BUFFER		
100 YEAR FLOODPLAIN		
FOREST LINE		
LIMIT OF DISTURBANCE		
STREET & RAIL		
RECREATION OPEN SPACE		
5' CONTOUR LINES		
10' CONTOUR LINES		
STEEP SLOPES >25%		
SLOPES 15% -24.9%		
TREES >30" dbh		
LIGHT POST		
ZONING		

DATE NO.	REVISION
DEVELOPER/OWNER DR. IRVING & EDITH TAYLOR C/O LAND DESIGN & DEVELOPMENT, INC. 10805 HICKORY RIDGE ROAD, SUITE 215 COLUMBIA, MARYLAND 21044 ATTN.: MR. DONALD R. REUNER PHONE: 410-740-2100	
PROJECT WORTHINGTON FIELDS (FUTURE NAME: AUTUMN FIELDS)	
AREA P/O PARCEL 98 TAX MAP 25, GRID 20 & TAX MAP 31, GRID 2 2nd ELECTION DISTRICT ZONED R-ED & FOR HOWARD COUNTY, MARYLAND	
TITLE SKETCH PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
DATE DESIGNED BY: DD/RF	DATE DRAWN BY: RF/JP
PROJECT NO.: 97310/SKETCH SKETCH2.DWG	DATE: JUNE 10, 1999 FINAL SUBMISSION
SCALE: AS NOTED	DRAWING NO. 2 OF 5



M:\PROJECT\97310\SKETCH\SKETCH2 Thu Jun 10 09:16:08 1999 RIEMER MUEGGE & ASSOCIATES, INC.

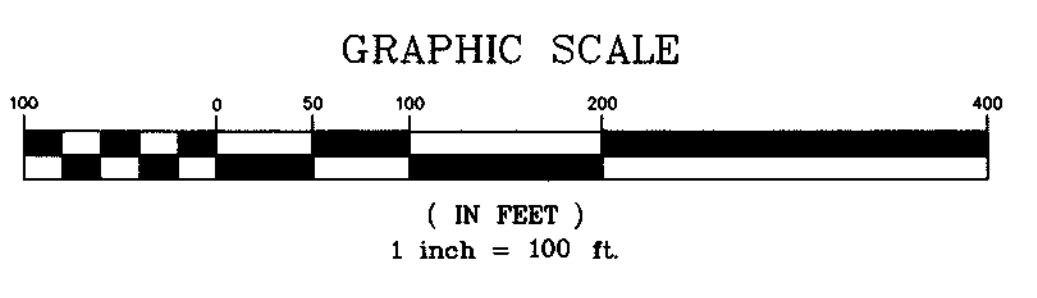


LEGEND	
EXISTING	PROPOSED
STREAM	[Symbol]
STREAM BUFFER	[Symbol]
NETLANDS	[Symbol]
NETLANDS BUFFER	[Symbol]
100 YEAR FLOODPLAIN	[Symbol]
FOREST LINE	[Symbol]
LIMIT OF DISTURBANCE	[Symbol]
STREET & RADIUS	[Symbol]
RECREATION OPEN SPACE	[Symbol]
5' CONTOUR LINES	[Symbol]
10' CONTOUR LINES	[Symbol]
STEEP SLOPES > 25%	[Symbol]
SLOPES 15% - 24.9%	[Symbol]
TREES > 30" dbh	[Symbol]
RIGHT-OF-WAY TAKING	[Symbol]
LIGHT POST	[Symbol]
ZONING	ZONED R-ED ZONED POR

WORTHINGTON PARK (FUTURE SITE)
(PREVIOUS SITE OF THE NEW CUT
ROAD LANDFILL, NOW CLOSED)
COUNTY COMMISSIONERS OF
HOWARD COUNTY
DEPARTMENT OF PUBLIC WORKS
180/339 P.529

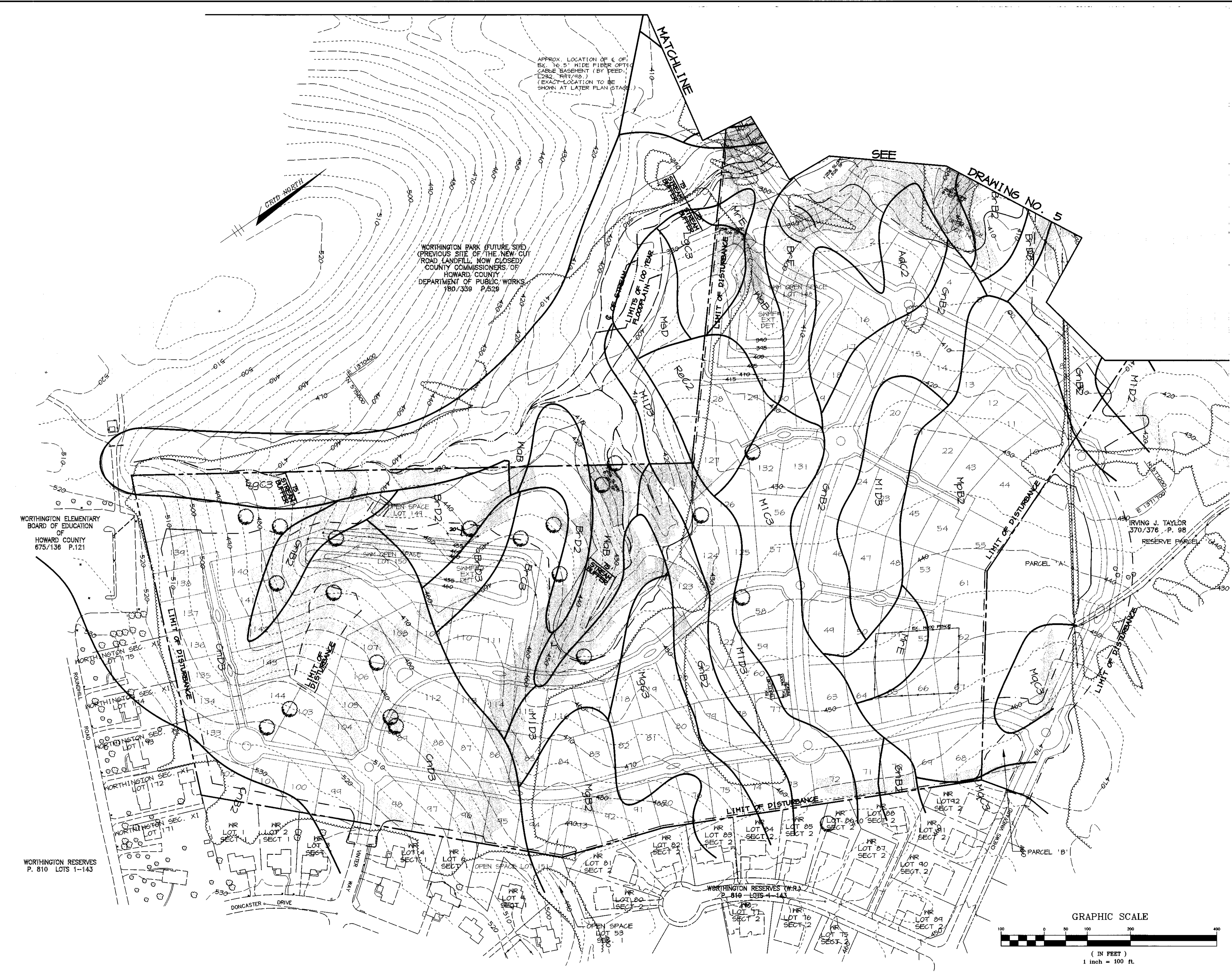
APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 6/16/99
PB CASE 336

TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY
Donald R. Reuker
PLANNING DIRECTOR 6/22/99
DATE



DATE NO.	REVISION
DEVELOPER/OWNER DR. IRVING & EDITH TAYLOR C/O LAND DESIGN & DEVELOPMENT, INC. 10805 HICKORY RIDGE ROAD, SUITE 215 COLUMBIA, MARYLAND 21044 ATTN: MR. DONALD R. REUKER PHONE: 410-740-2100	
PROJECT WORTHINGTON FIELDS (FUTURE NAME: AUTUMN FIELDS)	
AREA P/O PARCEL 98 TAX MAP 25, GRID 20 & TAX MAP 31, GRID 2 2nd ELECTION DISTRICT, ZONED R-ED & POR HOWARD COUNTY, MARYLAND	
TITLE SKETCH PLAN	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
DATE	DESIGNED BY : DD/RF
	DRAWN BY : RF/JP
	PROJECT NO. 97310/SKETCH SKETCH.DWG
	DATE : JUNE 10, 1999 FINAL SUBMISSION
	SCALE : AS NOTED
	DRAWING NO. <u>3</u> OF <u>5</u>

M:\PROJECT\97310\SKETCH\10193 Thu Jun 10 05:13:34 1999 RIEMER MUEGGE & ASSOCIATES, INC.



LEGEND

- EXISTING
- STREAM
 - STREAM BUFFER
 - WETLANDS
 - WETLANDS BUFFER
 - 100 YEAR FLOODPLAIN
 - STEEP SLOPES >25%
 - SLOPES 15% -24.9%
 - SOILS

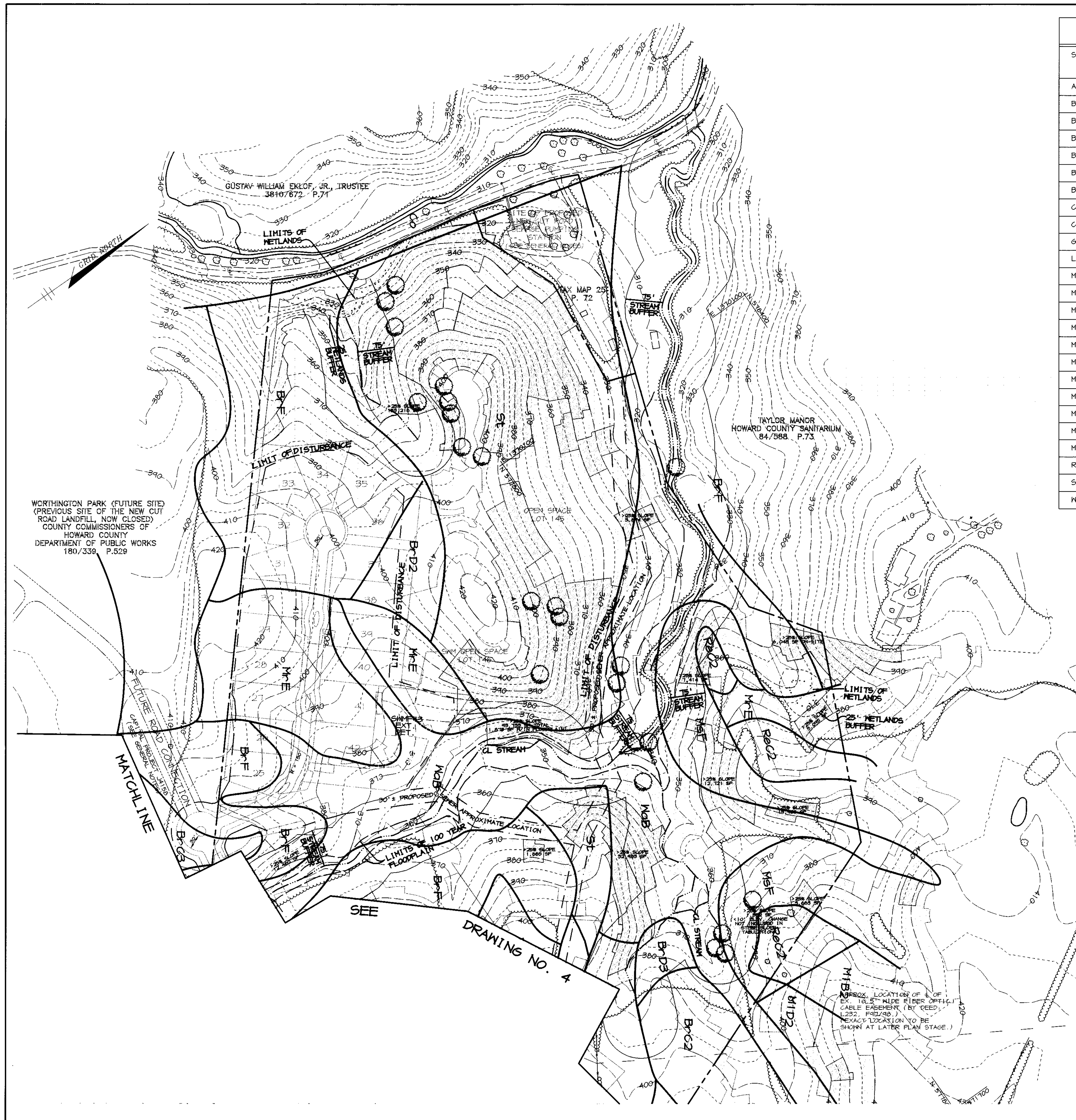
APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 6/16/99
PB CASE 336

TENTATIVELY APPROVED
 DEPT. OF PLANNING AND
 ZONING OF
 HOWARD COUNTY

James P. Keath 6/22/99
 PLANNING DIRECTOR DATE

DATE NO.	REVISION
DEVELOPER/OWNER DR. IRVING & EDITH TAYLOR C/O LAND DESIGN & DEVELOPMENT, INC. 10805 HICKORY RIDGE ROAD, SUITE 215 COLUMBIA, MARYLAND 21044 ATTN: MR. DONALD R. REUMER PHONE: 410-740-2100	
PROJECT WORTHINGTON FIELDS (FUTURE NAME: AUTUMN FIELDS)	
AREA P/O PARCEL 98 TAX MAP 25, GRID 20 & TAX MAP 31, GRID 2 2nd ELECTION DISTRICT ZONED R-ED 4 FOR HOWARD COUNTY, MARYLAND	
TITLE SOILS MAP	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8816 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	

DATE	DESIGNED BY : DD/RF
	DRAWN BY : RF/JP
	PROJECT NO .97310/SKETCH SOILMPT.DWG
	DATE : JUNE 10, 1999 FINAL SUBMISSION
	SCALE : AS NOTED
	DRAWING NO. 4 OF 5



SOILS LEGEND					
SOIL	NAME	HYDRIC SOILS (H) POSSIBLE HYDRIC INCLUSIONS (HI)	SLOPE QUALITIES	EROSION QUALITIES	CLASS
AdC2	ALDINO SILT LOAM	HI	0% TO 15%	MODERATE	C
BrB2	BRANDYME LOAM		3% TO 8%	MODERATE	C
BrC2	BRANDYME LOAM		0% TO 15%	MODERATE	C
BrC3	BRANDYME LOAM		0% TO 15%	SEVERE	C
BrD2	BRANDYME LOAM		15% TO 25%	MODERATE	C
BrD3	BRANDYME LOAM		15% TO 25%	SEVERE	C
BrF	BRANDYME LOAM		25% TO 60%	SEVERE	C
CnB2	CHILLUM-FAIRFAX LOAM		1% TO 5%	MODERATE	B
CnD3	CHILLUM-FAIRFAX LOAM		5% TO 15%	SEVERE	B
CnB2	GLENVILLE SILT LOAM	HI	3% TO 8%	MODERATE	C
Lgc3	LEGORE SILTY CLAY LOAM		0% TO 15%	SEVERE	B
MgB2	MANOR GRAVELLY LOAM		3% TO 8%	MODERATE	B
MgC3	MANOR GRAVELLY LOAM		0% TO 15%	SEVERE	B
MIB2	MANOR LOAM		3% TO 8%	MODERATE	B
MIC3	MANOR LOAM		0% TO 15%	SEVERE	B
MID2	MANOR LOAM		15% TO 25%	MODERATE	B
MID3	MANOR LOAM		15% TO 25%	SEVERE	B
MpB2	MONALTO SILT LOAM		3% TO 8%	MODERATE	C
MqC3	MONALTO SILTY CLAY LOAM		0% TO 15%	SEVERE	C
MfE	MONALTO AND RELAY SOILS		15% TO 45%	SEVERE	B
MsD	MONALTO AND RELAY VERY STONY SILT LOAMS		3% TO 25%		B
MsF	MONALTO AND RELAY VERY STONY SILT LOAMS		25% TO 60%		B
ReC2	RELAY SILT LOAM		3% TO 15%	MODERATE	B
St	STONY LAND				B
MaB	MATCHUNG SANDY LOAM	H	3% TO 8%		D

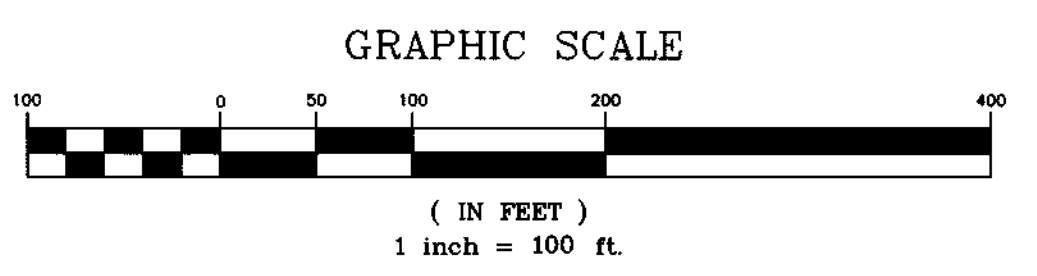
APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 6/16/99
 PB CASE 336

TENTATIVELY APPROVED
 DEPT. OF PLANNING AND
 ZONING OF
 HOWARD COUNTY

Donald R. Reumer
 PLANNING DIRECTOR DATE 6/22/99

LEGEND

- EXISTING
- STREAM
- STREAM BUFFER
- NETLANDS
- NETLANDS BUFFER
- 100 YEAR FLOODPLAIN
- STEEP SLOPES >25%
- SLOPES 15% -24.9%
- SOILS



DATE NO.	REVISION
DEVELOPER/OWNER DR. IRVING & EDITH TAYLOR C/O LAND DESIGN & DEVELOPMENT, INC. 10805 HICKORY RIDGE ROAD, SUITE 215 COLUMBIA, MARYLAND 21044 ATTN.: MR. DONALD R. REUMER PHONE: 410-740-2100	
PROJECT WORTHINGTON FIELDS (FUTURE NAME: AUTUMN FIELDS)	
AREA P/O PARCEL 98 TAX MAP 25, GRID 20 & TAX MAP 31, GRID 2 2nd ELECTION DISTRICT ZONED R-ED & FOR HOWARD COUNTY, MARYLAND	
TITLE SOILS MAP	
RIEMER MUEGGE & ASSOCIATES, INC. ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING 8818 Centre Park Drive, Columbia, Maryland 21045 tel 410.997.8900 fax 410.997.9282	
DATE 	DESIGNED BY : DD/RF DRAWN BY : RF/JP PROJECT NO : 97310/SKETCH SOILMAP2.DWG DATE : JUNE 10, 1999 FINAL SUBMISSION SCALE : AS NOTED DRAWING NO. <u>5</u> OF <u>5</u>