SHEET INDEX					
SHEET NO. TITLE					
1	COVER SHEET				
2	PRELIMINARY PLAN				
3	PRELIMINARY PLAN				
4	PRELIMINARY GRADING & SEDIMENT CONTROL PLAN				
5	PRELIMINARY GRADING & SEDIMENT CONTROL PLAN				
6	FOREST CONSERVATION PLAN & DETAILS				

## PRELIMINARY PLAN THE WOODS OF TIBER BRANCH LOTS 1-36 HOWARD COUNTY, MARYLAND

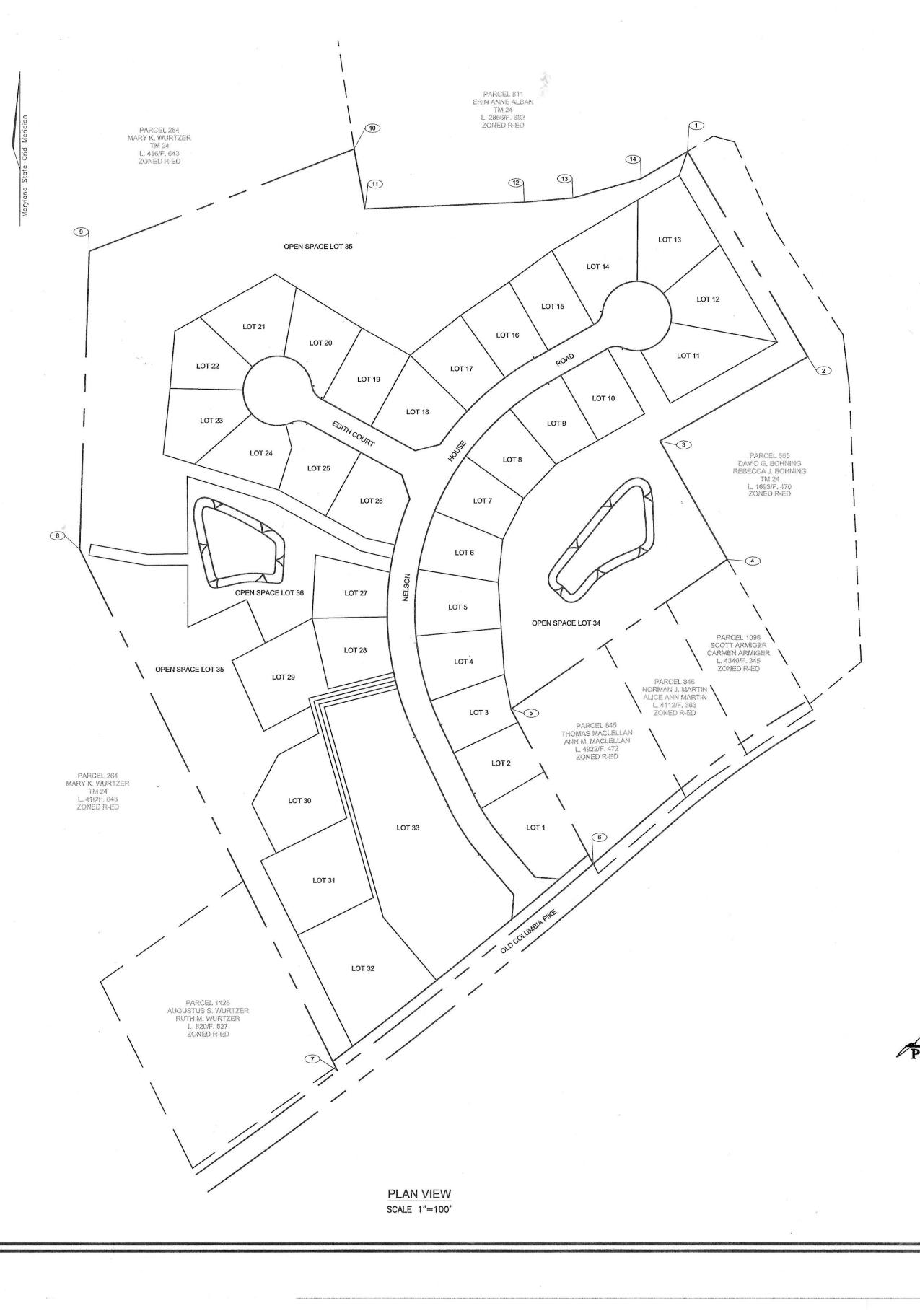
	SIGN AND STREET LIGHT LOCATION CHART					
DWG.	NO.	STREET NAME	STATION	OFFSET	FIXTURE/POLE TYPE	
2 OF 3 OF		NELSON HOUSE RD EDITH COURT	0+48 0+38	15' L 15' L	R1-1 "STOP"	
2 OF		NELSON HOUSE RD	5+66	15' L	W3-1a "STOP AHEAD"	
2 OF 3 OF	6 6	NELSON HOUSE RD EDITH COURT	0+91 0+81	<u>13' R</u> 15' R	R2-1 "SPEED LIMIT 25"	
2 OF 3 OF	6 6	NELSON HOUSE RD	0+32 7+18	25' R 18' L	D3 ST. NAME SIGN ASSEMB.	
2 OF		NELSON HOUSE RD	4+18	15' L	100 WATT HPS	
3 OF	- 260 J.	NELSON HOUSE RD	7+25	18' L	VAPOR PREMIER POST-TOP FIXTURE	
3 OF	6	NELSON HOUSE RD	10+24	14' R	MOUNTED ON A 14'	
3 OF	6	EDITH COURT	1+95	13' R	BLACK FIBERGLASS POLE	
2 OF	6	NELSON HOUSE RD	0+32	25' L	150 WATT HPS VAPOR PREMIER POSTTOP FIXTURE MOUNTED ON A 14' BLACK FIBERGLASS POLE	

STORMWATER MANAGEMENT REQUIREMENTS (ACTUAL; INCLUDES CREDITS)

PONDS 1 AND 2 ARE POCKET PONDS WHICH PROVIDE Cpv, WQv, QP AND QF.

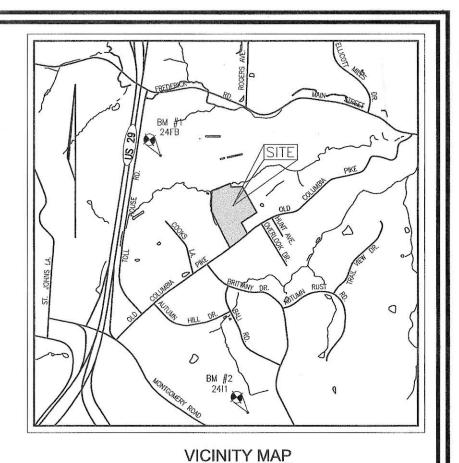
DRAINAGE AREA	Cpv	WQv	Rev	QP	Q <sub>F</sub>
 A-1 5.1 AC	0.23 AC-FT	0.12 AC-FT	0 AC-FT*		
A-2 3.2 AC	0 ACFT**	0.2 AC-FT***	0 AC-FT*		
B 5.7 AC	0 AC-FT**	0.32 AC-FT++	0 AC-FT+	+ -	
C 6.3 AC	0.26 AC-FT	0.09 AC-FT	0 AC-FT*		
POND 1 (A-1, A-2	& B) -		-	0.45 AC-FT	0.60 AC-FT
POND 2 (C)		1.000	-	0.48 AC-FT	0.57 AC-FT
*PROVIDED BY ROOF **Q1≤ 2.0 CFS EXEI	MPT				
***PROVIDED BY BIO ++PROVIDED BY INF	ILTRATION (DRY WELL		OW TO BUF	FER CREDIT	

COORDINATE TABLE				
NO.	NORTHING	EASTING		
1	582053.33	1366199.13		
2	581757.16	1366373.26		
3	581635.62	1366159.68		
4	581464.67	1366256.96		
5	581249.05	1365944.86		
6	581025.65	1366063.63		
7	580727.24	1365694.42		
8	581479.54	1365321.56		
9	581909.70	1365335.19		
10	582057.21	1365717.89		
11	581970.69	1365733.68		
12	581980.31	1365963.53		
13	581986.47	1366033.92		
14	582014.05	1366132.31		



<u>BENCHMARK NO. 1</u>; COUNTY CONTROL #24FB N 582652.103 E 1364255.930 ELEV. = 423.282

BENCHMARK NO. 2: COUNTY CONTROL #2411 N 577298.654 E 1366075.133 ELEV. = 437.805



SCALE 1"=2000'

## SITE DATA

LOCATION: TAX MAP 24, GRID 18, PARCEL '255'

2ND ELECTION DISTRICT EXISTING ZONING: R-ED

GROSS AREA OF PROJECT: 19.25 AC.

AREA OF 100-YEAR FLOODPLAIN: 0.29 AC. (12,632 SF) AREA OF STEEP SLOPES OUTSIDE FLOODPLAN: 2.42 AC. (105,449 SF)

- NET AREA OF PROJECT: 16.54 AC AREA OF PROPOSED BUILDABLE LOTS: 9.11 AC. (396,961 SF)
- AREA OF OPEN SPACE REQUIRED: 25% OR 4.81 AC.
- AREA OF CREDITED OPEN SPACE PROVIDED: 43% OR 8.21 AC. AREA ON NON-CREDITED OPEN SPACE: 0.25 AC.
- AREA OF PROPOSED RIGHT-OF-WAY: 1.65 AC. (71,845 SF)
- NUMBER OF BUILDABLE LOTS PROPOSED: 33 LOTS
- NUMBER OF OPEN SPACE LOTS: 3 LOTS

RECREATIONAL OPEN SPACE PROVIDED: 33 UNITS  $\times$  250 SF = 8250 SF $\pm$  TOTAL APPROXIMATE LIMIT OF DISTURBANCE: 10.99 AC. (478,761 SF $\pm$ )

## GENERAL NOTES

1. ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.

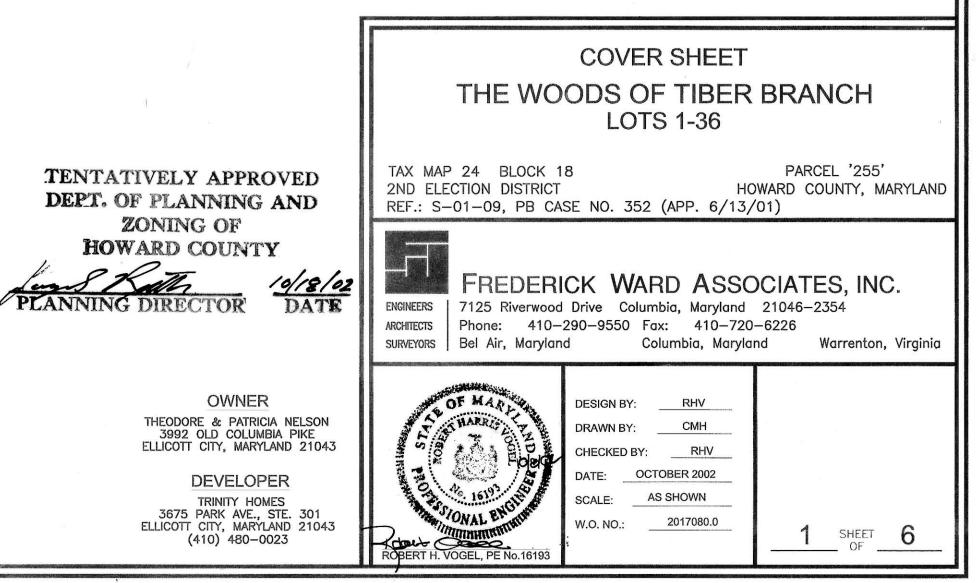
- 2. DEED REFERENCE: 1059/264 3. DENSITY:
- NUMBER OF DWELLING UNITS PERMITTED BY RIGHT: 16.54 x 2 = 33 LOTS
- NUMBER OF DWELLING UNITS PROPOSED: 33 LOTS 4. THE PROJECT BOUNDARY IS BASED ON A SURVEY PERFORMED BY FREDERICK WARD AND ASSOCIATES, DATED JUNE 200
- 5. THE TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL PHOTOGRAMETRIC SURVEY BY POTOMAC AERIAL SURVEYS, INC.,
- DATED FEBRUARY 2001. 6. WATER AND SEWER FOR THIS PROJECT WILL BE PUBLIC. SEWER TO BE PRO
- TO BE PROVIDED THROUGH CONTR. NO. 11-W. 7. STORM WATER MANAGEMENT TO BE PROVIDED FOR THE DEVELOPMENT. THE TWO STORMWATER MANAGEMENT FACILITIES WILL BE 1-YR EXTENDED DETENTION FACILITIES (POCKET PONDS) FOR WQV AND CpV ALSO PROVIDING 10-YR AND 100-YR MANAGEMENT (TIBER BRANCH WATER SHED). Rev IS PROVIDED BY ROOFTOP DISCONNECT CREDITS. THE TWO FACILITIES WILL BE LOCATED ON LOTS 34 AND 36 AND WILL BE PRIVATELY OWNED AND MAINTAINED
- BY THE HOA. BOTH FACILITIES ARE HAZARD CLASS 'A'. 8. THE STORM WATER MANAGEMENT FACILITIES SHOWN ON THIS PLAN ARE AN APPROXIMATION OF THEIR ULTIMATE SI
- AND SHAPE. IT IS UNDERSTOOD THAT THEIR SIZE AND SHAPE MAY CHANGE PRIOR TO FINAL PLAN STAGE.

 STREAMS SHOWN ONSITE ARE BASED ON A FIELD INVESTIGATION PERFORMED BY ECO-SCIENCES, DATED NOVEMBER 2000, AND THE AERIAL PHOTOGRAMETRIC SURVEY PERFORMED BY POTOMAC AERIAL SURVEYS, INC. NO WETLANDS OCCUR ON THIS SITE.
 FLOODPLAIN SHOWN ONSITE IS APPROXIMATE USING P. 31-43 OF THE TIBER/HUDSON FP STUDY, HO. CO. CAPITAL PROJECT

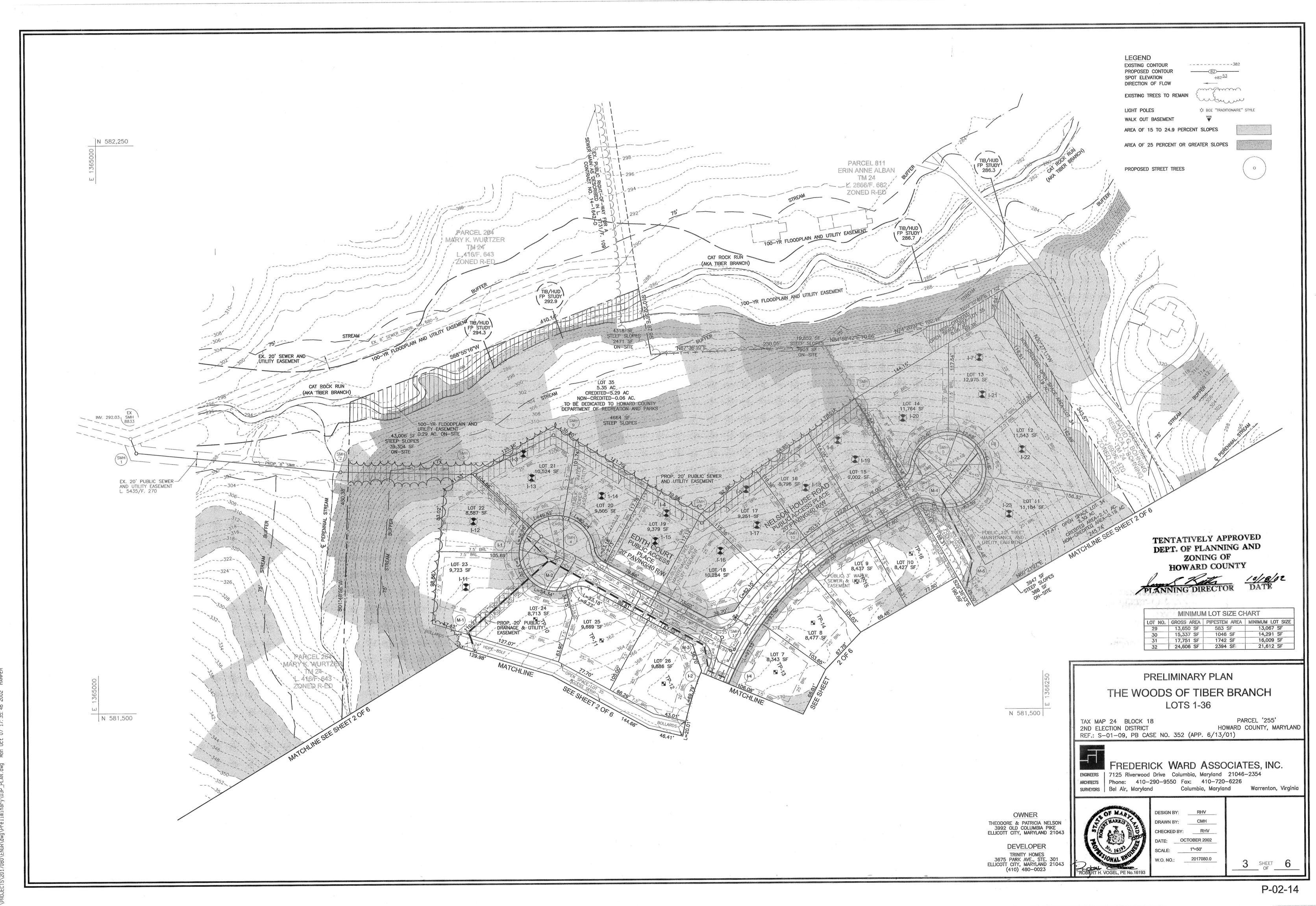
- NO. C-4-0119. 11. FOREST CONSERVATION PLAN PREPARED BY FREDERICK WARD AND ASSOCIATES, DATED JANUARY 2002.
- FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE FULFILLED BY THE RETENTION OF EXISTING FOREST IN THE AMOUNT OF 5.11 AC, ON-SITE REFORESTATION IN THE AMOUNT OF 0.33 AC. AND FEE-IN-LIEU FOR THE REMAINING 0.95 AC. OF REFORESTATION. TOTAL OBLIGATION IS 4.93 AC OF RETENTION AND 1.28 AC OF REFORESTATION.
- 12. APFO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, DATED SEPTEMBER 2000.
- 13. PLANNING AND ZONING FILE NUMBERS: S-01-09, PB-352 SIGNED JUNE 13, 2001. 14. ALL LANDSCAPING REQUIREMENTS AS SET FORTH IN THE LANDSCAPE MANUAL SHALL BE COMPLIED WITH.
- 15. STREET LIGHTING IS REQUIRED FOR THIS SITE IN ACCORDANCE WITH SECTION 16.135 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. ALL STREET LIGHTS ARE TO BE BGE "TRADITIONAIRE" STYLE IN ACCORDANCE WITH
- PLANNING BOARD APPROVAL OF PB CASE NO. 352, SIGNED JUNE 13, 2001. 16. SEDIMENT AND EROSION CONTROL WILL BE PROVIDED FOR THIS SITE.
- 17. THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.

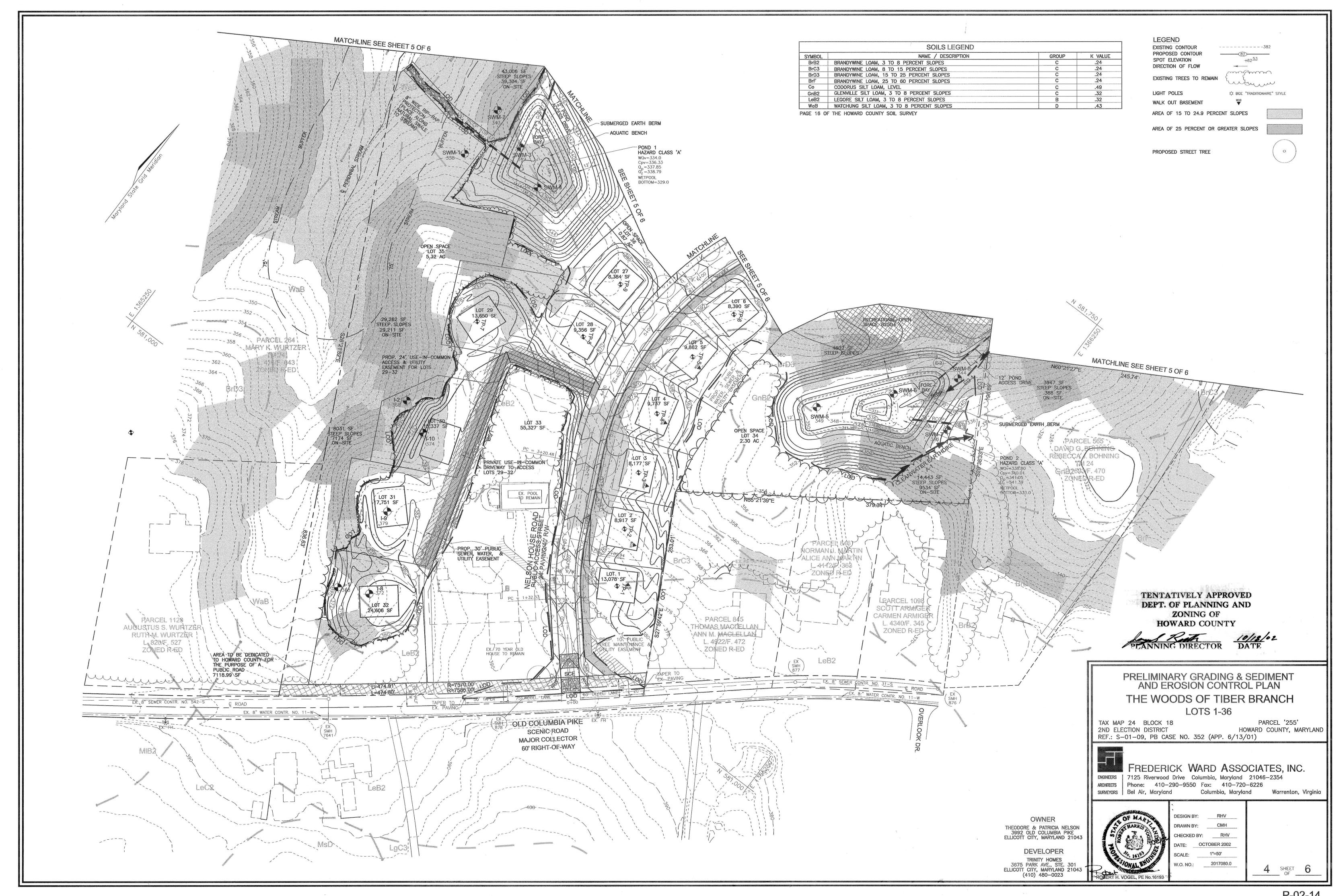
18. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE. 19. STREET TREES ARE REQUIRED FOR THIS SUBDIVISION IN ACCORDANCE WITH SECTION 16.124(e)(1) OF THE SUBDIVISION

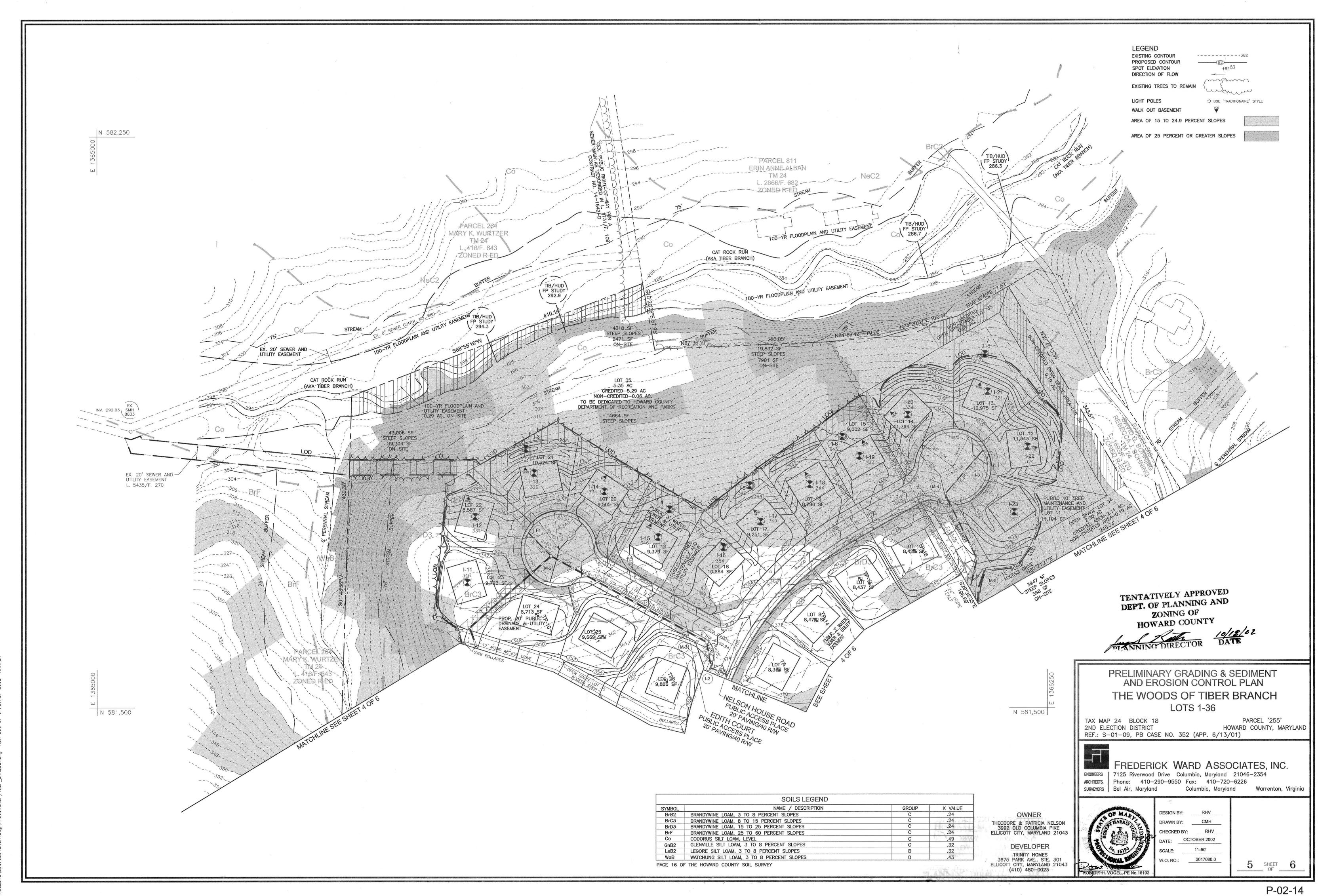
- RÉGULATIONS AND THE LANDSCAPE MANUAL. 20. A MINIMUM OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE.
- 21. OPEN SPACE LOTS 34 AND 36 TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOA. OPEN SPACE LOT 35 TO BE
- OWNED AND MAINTAINED BY HOWARD COUNTY DEPT. OF RECREATION AND PARKS. 22. THE PLAN ASSUMES CERTAIN ADJOINER TRANSFERS HAVE BEEN ACCOMPLISHED PRIOR TO FINAL SUBDIVISION APPROVAL
- REDUCING TAX MAP 24 PARCEL '565' TO 2.5 AC.±.
- 23. HOUSED ON LOTS 1 AND 32 SHALL BE ORIENTED TO FACE OLD COLUMBIA PIKE (SCENIC ROAD).
  24. EXISTING STRUCTURES ON LOT 33 ARE TO REMAIN. NO ADDITIONS OR EXPANSIONS ARE ALLOWED UNLESS IN COMPLIANCE WITH THE APPLICABLE ZONING REGULATIONS. THE PROPERTY IS LISTED IN THE HOWARD COUNTY HISTORIC SITES INVENTORY AS SITE NUMBER HO-623, THE NELSON HOUSE.
- 25. A NOISE STUDY IS NOT REQUIRED FOR THIS SITE.
- 26. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS, STREAMS, OR THEIR BUFFERS, AND THE FOREST CONSERVATION EASEMENTS.
- 27. LOTS 29 THRU 32 WILL UTILIZE A USE-IN-COMMON DRIVEWAY. HOWARD COUNTY STANDARD DETAIL NO. R-6.06 WILL
- BE UTILIZED FOR THE ENTRANCE AT THE INTERSECTION OF THE PUBLIC ROAD.
- 28. OLD COLUMBIA PIKE IS A SCENIC ROAD. 29. TREE PROTECTION FENCING WILL BE PROVIDED AT THE LIMITS OF DISTURBANCE WHERE GRADING IS ADJACENT TO FOREST
- CONSERVATION RETENTION AREAS AND SENSITIVE ENVIRONMENTAL AREAS, SUCH AS STREAM BUFFERS AND STEEP SLOPES.
  30. THIS PROJECT, PB CASE NO. 352, WAS APPROVED BY THE PLANNING BOARD AND SIGNED ON JUNE 13, 2001.
  31. AS A CONSEQUENCE OF ITS SUBMISSION PRIOR TO NOVEMBER 15, 2001, THIS SUBDIVISION PLAN IS GRANDFATHERED TO THE FOURTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND BECAUSE THE PRELIMINARY PLAN WAS NOT APPROVED PRIOR TO NOVEMBER 1, 2001, THIS PROJECT IS SUBJECT TO COMPLIANCE WITH COUNTY COUNCIL
- BILL 50-2001 WHICH AMENDED PORTIONS OF THE ZONING REGULATIONS. 32. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE AND NOT TO THE PIPESTEM LOT DRIVEWAY.
- 33. THE STORMWATER MANAGEMENT DESIGN FOR THIS PROJECT INCLUDES 5.7 ACRES OF NATURAL CONSERVATION AREA.











SYMBOL	NAME / DESCRIPTION	GROUP
BrB2	BRANDYWINE LOAM, 3 TO 8 PERCENT SLOPES	С
BrC3	BRANDYWINE LOAM, 8 TO 15 PERCENT SLOPES	С
BrD3	BRANDYWINE LOAM, 15 TO 25 PERCENT SLOPES	C
BrF	BRANDYWINE LOAM, 25 TO 60 PERCENT SLOPES	С
Co	CODORUS SILT LOAM, LEVEL	С
GnB2	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	С
LeB2	LEGORE SILT LOAM, 3 TO 8 PERCENT SLOPES	B
WaB	WATCHUNG SILT LOAM, 3 TO 8 PERCENT SLOPES	D