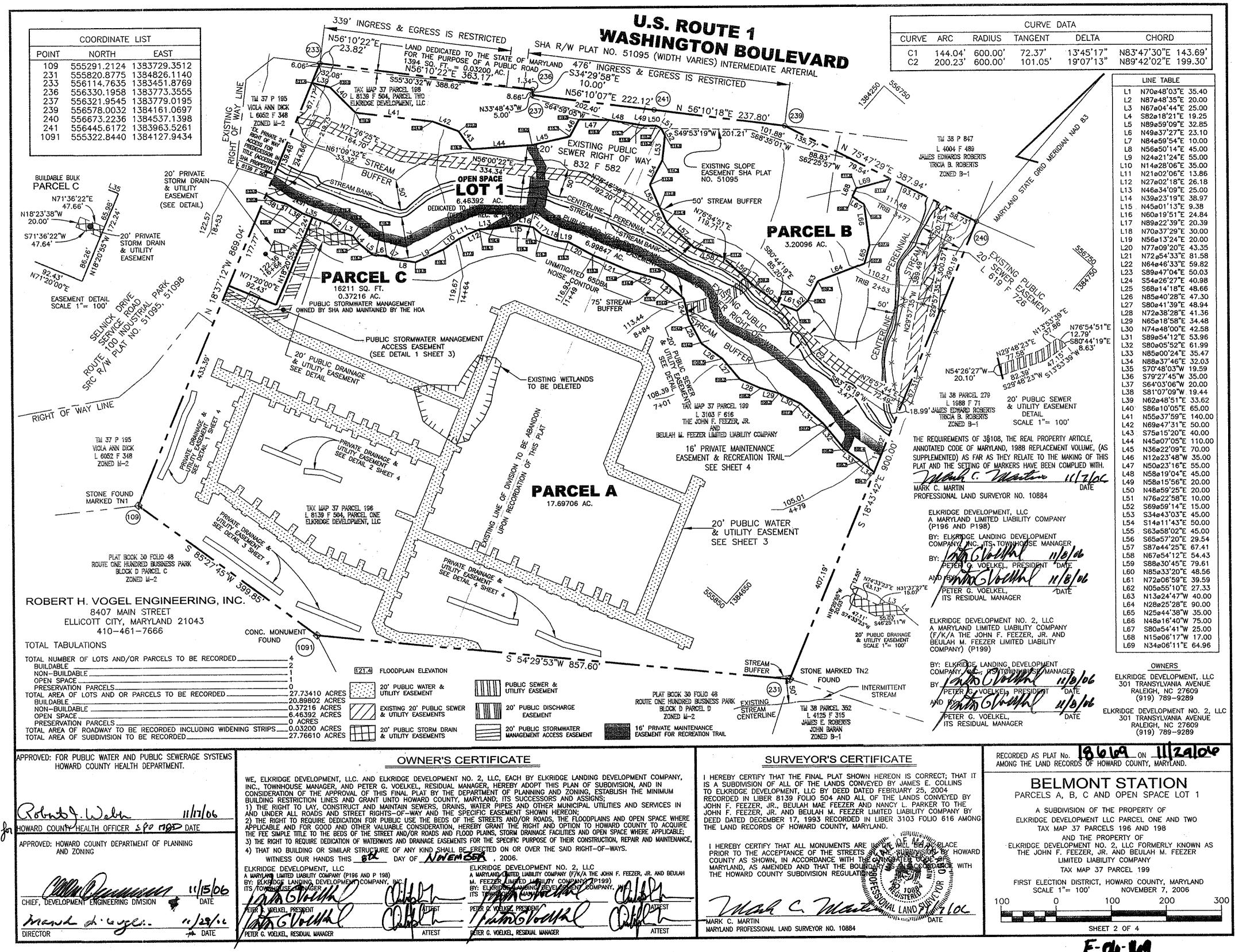
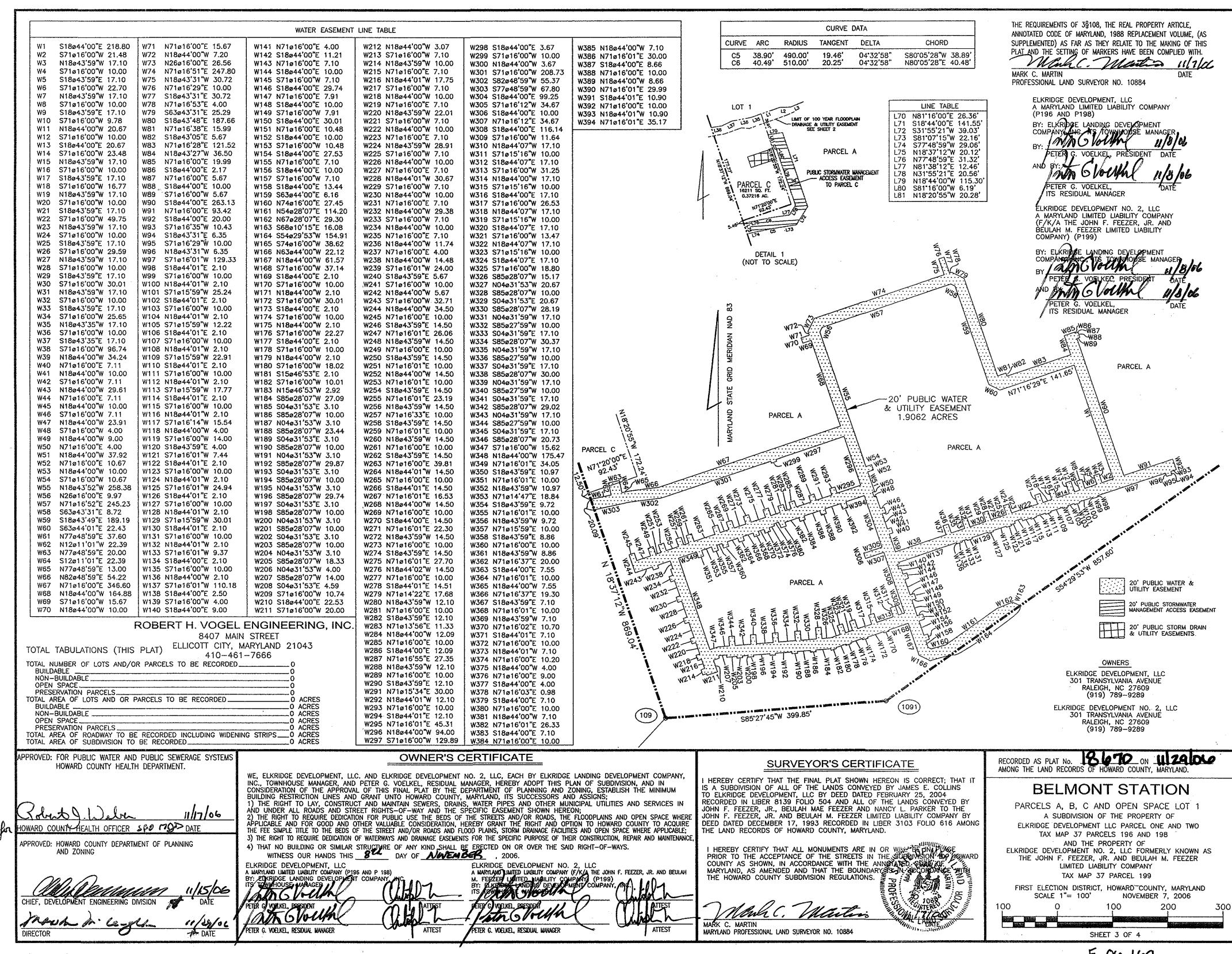
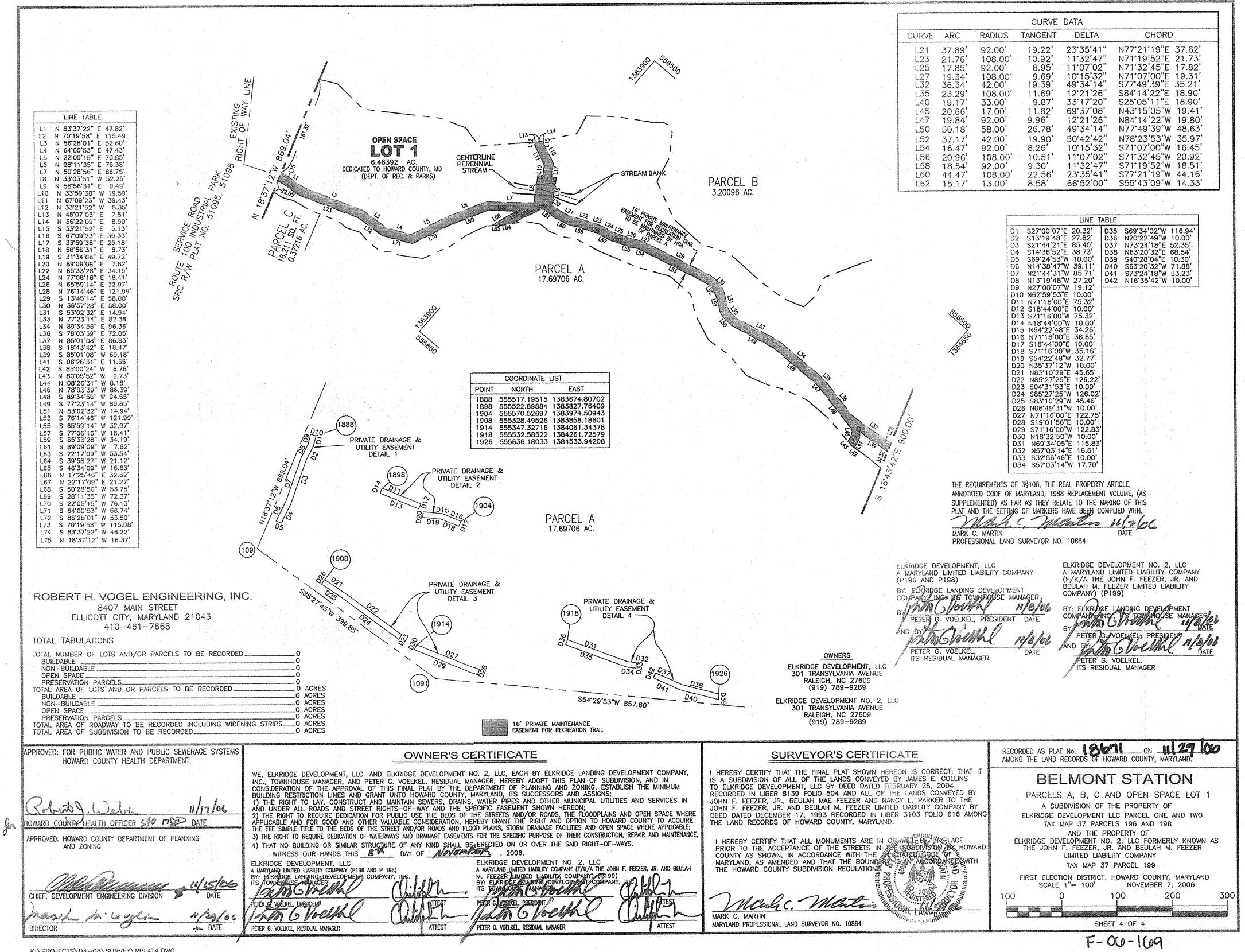


-06-169







LOCATION: TAX MAP 37; BLOCK 18; PARCELS '196, 198, & 199' 1ST ELECTION DISTRICT EXISTING ZONING: CAC SUBDIVISION: BELMONT STATION DPZ REFERENCES: S-04-10, WP-04-152, P-05-17, WP-06-79; SDP-06-034 GROSS AREA OF PARCEL: 27.76610 AC NUMBER OF PROPOSED PARCELS: 3 PARCELS: 1 OPEN SPACE LOT AREA OF PARCEL C: 0.37216 AC OPEN SPACE LOT 1 (AREA OF FLOODPLAIN): 6.46392 AC± LAND TO BE DEDICATED TO THE STATE: 0.03200 AREA OF STEEP SLOPES: 0.90 AC NET AREA OF PROJECT: 20,40218 AC. AREA SHA ROW FOR SELNICK DRIVE (PLAT 51095 & 51098): 4.5 AC. APPROXIMATE LIMIT OF DISTURBANCE: 6.84 AC (297,680 SF± INCL. HAUL ROAD & TEMP. STOCKPILE) UNITS PERMITTED: 20.40208 AC x 25 DU/AC. = 510 UNITS MIHU REQUIRED - 15% OF PROPOSED UNITS REQUIRED COMMERCIAL SPACE: 200 SQ FT PER RESIDENTIAL UNIT 318 UNITS x 200 SQ FT/UNIT = 63,600 SQ FT ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNT

THE PROJECT BOUNDARY IS BASED ON A BOUNDARY SURVEY PERFORMED BY DAFT MCCUNE WALKER, INC.

5. COORDINATE DATUM IS BASED ON THE MARYLAND COORDINATE SYSTEM (NAD '83) AS PROJECTED BY THE FOLLOWING HO.CO. GEODETIC CONTROL STATIONS: 38D5 & 38D6

EXISTING WATER: 14-4316-D EXISTING SEWER: 14-4316-D

STORMWATER MANAGEMENT SERVING THE PROPOSED PUBLIC ROAD AND A PORTION OF PARCEL 'A' WILL BE

WQV, CpV, Qp, AND Qf ARE PROVIDED BY THE PROPOSED POCKET POND FACILITY.
Rev IS PROVIDED IN THE GRASS CHANNELS OF THE SELNICK ROAD OPEN ROAD SECTION.

THIS POCKET POND IS SUBJECT TO "DEVELOPER AGREEMENT AND MEMORANDUM OF UNDERSTANDING SELNICK DRIVE EXTENDED BY AND AMONG HOUWARD COUNTY ELKRIDGE LANDING DEVELOPMENT COMPANY, INC. AND

STATE HIGHWAY ADMINSTRATION." SWM FOR THE REMAINDER OF BULK PARCEL 'A' AND 'B' WILL BE DETERMINED ON THEIR RESPECTIVE SITE DEVELOPMENT PLANS, AND WILL BE

STORMWATER MANAGEMENT SOIL BORINGS FOR THIS SITE ARE BASED ON A GEOTECHNICAL ANALYSIS

PROVIDED BY ECS, LTC DATED FEBRUARY 25; 2005.

WETLANDS DELINEATED BY ECO-SCIENCE PROFESSIONALS, INC. DATED MAY 28, 2004

O. STEEP SLOPES ON SITE WITH A CONTIGUOUS AREA OF 20,000 SF OR GREATER ARE SHOWN.

5. ALL LANDSCAPING REQUIREMENTS SHALL BE COMPLIED WITH AS SET FORTH IN THE HOWARD COUNTY LANDSCAPE MANUAL

18. TO THE BEST OF THE OWNERS KNOWLEDGE. THERE ARE NO BURIAL/CEMETERY LOCATIONS ON SITE

19. TRASH COLLECTION AND RECYCLING WILL BE PRIVATE. 20. AT THE SKETCH PLAN (S-04-10) STAGE OF PROCESSING THIS PROPERTY IS IN COMPLIANCE WITH THE

ROUTE 1 MANUAL FOR CAC ZONING WITH THE FOLLOWING EXCEPTIONS:

1. THE REQUIREMENT FOR THE REQUIRED COMMERCIAL SPACE HAS BEEN REDUCED FROM 300 SQ FT TO

23. NO ACCESS IS PERMITTED ALONG U.S. ROUTE 1 EXCEPT FOR THE COMMERCIAL PARCEL ENTRANCE. ACCESS RESTRICTIONS TO U.S. ROUTE 1 TO BE DETERMINED WITH THE SITE DEVELOPMENT PLANS. A DEDICATION OF 0.03± ACRES WILL BE REQUIRED ALONG US ROUTE 1 FRONTAGE ASSOCIATED

THE FOREST CONSERVATION OBLIGATION OF 9.83 ACRES OF RETENTION FOR THIS SUBDIVISION WILL BE MET BY PROVIDING 9.87 ACRES OF REFORESTATION FOREST CONSERVATION EASEMENTS (FCE A-E) OFFSITE ON F-07-097 FOX CREEK PRESERVATION PARCELS A&D. PLAT NOS. 18712-15. FOREST CONSERVATION SURETY IN THE AMOUNT OF \$214,968.60 WILL BE POSTED AS PART OF THE DEVELOPER AGREEMENT. F-07-093, FOX CREEK, PRESERVATION PARCELS A&D, PLAT NO. 18712-18715. CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITS N THE FLOODPLAIN, STREAM(S) OR THEIR

REQUIRED BUFFERS, AREAS OF STEEP SLOPES GREATER THAN OR EQUAL TO 20,000 SF, AND FOREST CONSERVATION EASEMENT AREAS, EXCEPT AS NOTED ON THESE PLANS, AND APPROVED UNDER WP 06-079. 27. THIS PLAN IS SUBJECT TO WP-04-152, DATED AUGUST 3, 2004, TO WAIVE SECTION 16.116.0.(1) AND SECTION 16.116.0.(1) THE WAIVER APPROVED REQUEST TO WAIVE SECTION 16.116.0.(1) WHICH WILL ALLOW DISTURBANCE TO WETLAND AREA AND THE WETLAND BUFFER AS SHOWN ON THE SKETCH PLAN (S-04-10). APPROVAL SUBJECT TO THE FOLLOWING CONDITIONS:

1 THE PETITIONER SHALL OBTAIN ANY MECESSARY WETLAND PERMITS FROM THE MARYLAND OF PARTMENT OF THE ENVIRONMENT. THE WALLER WAS DENIED REQUEST TO WAIVE SECTION 16.116.0.(1) WHICH PROHIBITS GRADING AND CLEARING ON SLOPES OVER 25% IN GRADE, AND OVER 20,000 SF IN CONTIGUOUS AREA. DENIAL IS BASED ON THE FOLLOWING:

THE LOCATION OF THE SWM POND AND THE PARKING LOT AREA CAN BE SHIFTED TO AVOID

DISTURBANCE TO THE STEEP SLOPE AREA, WHICH IS PART OF A SENSITIVE ENVIRONMENTAL AREA ASSOCIATED WITH THE STREAM VALLEY SYSTEM ON THE SUBJECT SITE AND EXTENDING

ONTO THE ADJOINING PROPERTY. THE JUSTIFICATION PRESENTED DOES NOT DEMONSTRATE THAT THERE IS AN UNDO HARDSHIP ON THE PETITIONER IN COMPLYING WITH THE REGULATIONS,

NOR DOES IT DEMONSTRATE THAT THERE ARE NO REASONABLE ALTERNATIVES TO THE PROPOSED

28. LANDSCAPE BUFFERING, LANDSCAPE WALLS AND/OR EARTH BERMS WILL BE PROVIDED TO SCREEN THE RETAIL PARKING AREA ALONG ROUTE 1. THESE WILL BE DETERMINED WITH THE SITE DEVELOPMENT PLANS FOR BULK PARCELS 'A' & 'B'. 29. THE ENVIRONMENTAL DISTURBANCE ASSOCIATED WITH THE SIDEWALK/PATHWAY SYSTEM AND POND OUTFALL LOCATION ARE CONSIDERED "NECESSARY" DISTURBANCE IN ACCORDANCE WITH SECTION 16.116 OF HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.

WAIVER PETITION WP-06-079, APPROVED MARCH 1, 2006, TO PERMIT CLEARING, GRADING ANDDEVELOPMENT WITHIN 75 FEET OF A PERENNIAL STREAM IN THE RESIDENTIAL LAND USE AREA (PARCEL A) OF A MIXED USE (CAC) ZONING DISTRICT. APPROVAL IS SUBJECT TO THE FOLLOWING CONDITION:

1. THE AREA OR LIMIT OF DISTURBANCE WITHIN 75' STREAM BUFFER ON PARCEL A SHALL NOT EXCEED THE ONE SHOWN ON THE WAIVER PETITION EXHIBIT/PLAN SUBMITTED ON 2/13/06. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT IN

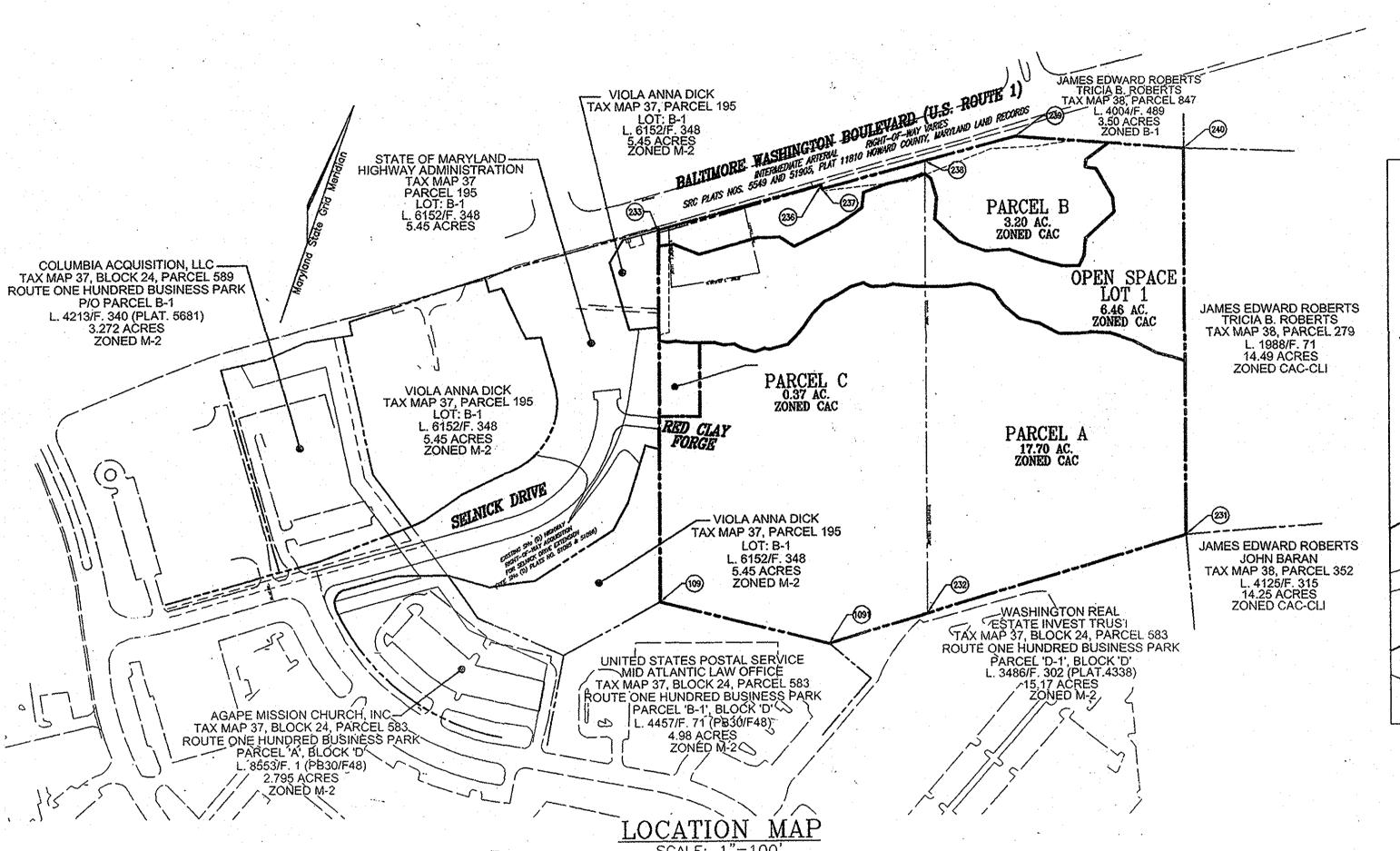
THE AMOUNT OF \$4,800.00 FOR THE REQUIRED 10 SHADE TREES AND 12 EVERGREEN TREES. THE AMOUNT OF \$12,900.00 FOR THE REQUIRED 43 SHADE TREES. ARY 95% COMPACTION IN FILE AREAS SERVED STANDARDS

TRANSPIC CONTROL DEVICES, MARKINGS AND SERVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNFIDER TRAFFIC CONTROL DEVICES (MITTER TO STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO STREET LIGHT PLACEMENT AND TYPE OF FIXTURE AND FOLE SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DEIGN MANUAL VOLUME III (1993) AND AS MODIFIED BY "GUIDELINES FOR STREET LIGHTS IN RESIDENTIAL DEVELOPMENTS (JUNE

1993). A MINIMUM SPACING OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE. ALL SION POSTS USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT OF WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED SQUARE TUBE SLEEVE (12 GAUGE) -3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST. . THIS PLAN IS SUBJECT TO MDE APPLICATION TRACKING NO. 20046044/03-NT-0489 DATED AUGUST 15, 2006. THIS MDE APPLICATION COVERS FILLING OF THE WETLANDS IN THE MIDDLE OF BULK PARCEL 'A', THE STREAM CROSSING FOR THE SEWER CONNECTION, THE REMOVAL OF THE STREAM CULVERT, AND THE RECREATION TRAIL.

APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 10-19-06 CHIEF, BUREAU OF HIGHWAYS APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

FINAL PLAN BELMONT STATION SELNICK ROAD EXTENTION & P/O RED CLAY FORGE PARCELS 'A, 'B' & 'C' & OPEN SPACE LOT 1



COORDINATE CHART				
No.	Northing	Easting		
109	555291.2125	1383729.3512		
231	555820.8776	1384826.1141		
232	555460.0422	1384320.2754		
233	556109.0173	1383453.8130		
236	556329.0853	1383774.1188		
237	556321.9546	1383779.0196		
238	556457.8979	1383981.8512		
239	556578.0032	1384161.0698		
240	556673.2237	1384537.1398		
1091	555322.8440	1384127.9435		

BEST MANAGEMENT PRACTICES FOR WORKING IN NONTIDEL WETLANDS, WETLAND BUFFERS WATERWAYS, AND 100-YEAR FLOODPLAINS

NO EXCESS FILL, CONSTRUCTION MATERIAL, OR DEBRIS SHALL BE STOCKPILED OR STORED IN NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR THE 100-YEAR FLOODPLAIN.
2. PLACE MATERIALS IN A LOCATION AND MANNER THAT DOES NOT ADVERSELY IMPACT SURFACE OR SUBSURFACE WATER FLOW INTO OR OUT F NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR THE 100—YEAR FLOODPLAIN.

DO NOT USE THE EXCAVATED MATERIAL AS BACKFILL IF IT CONTAINS WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL, OR ANY THER DELETERIOUS SUBSTANCE. IF ADDITIONAL BACKFILL IS REQUIRED, USE CLEAN MATERIAL FREE OF WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL, OR ANY OTHER DELETERIOUS SUBSTANCE.
4. PLACE HEAVY EQUIPMENT ON MATS OR SUITABLY OPERATE THE EQUIPMENT TO PREVENT DAMAGE TO NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR THE 100-YEAR FLOODPLAIN. 5. REPAIR AND MAINTAIN ANY SERVICEABLE STRUCTURE OR FILL SO THERE IS NO PERMANENT LOSS OF NONTIDAL WETLANDS, NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, OR WATERWAYS, OR PERMANENT MODIFICATION OF THE 100-YEAR FLOODPLAIN IN EXCESS OF THAT LOST UNDER TH ORIGINALLY AUTHORIZED STRUCTURE OR FILL.
6. RECTIFY ANY NONTIDAL WETLANDS, WETLAND BUFFERS, WATERWAYS, OR 100-YEAR FLOODPLAIN TEMPORARILY IMPACTED BY ANY ALL STABILIZATION IN THE NONTIDAL WETLAND AND NONTIDAL WETLAND BUFFER SHALL CONSIST OF THE FOLLOWING SPECIES: ANNUAL RYEGRASS (LOLIUM MULTIFLORUM), MILLET (SETARIA ITALICA), BARLEY (HORDEUM SP.), OATS (UNIQLA SP.), AND/OR RYE (SECALE CEREALE).
THESE SPECIES WILL ALLOW FOR THE STABILIZATION OF THE SITE WHILE ALSO ALLOWING FOR THE VOLUNTARY REVEGETATION OF THE NATURAL WETLAND SPECIES. OTHER NON-PERSISTENT VEGETATION MAY BE ACCEPTABLE, BUT MUST BE APPROVED BY THE NONTIDAL WETLANDS AND WATERWAYS DIVISION. KENTUCKY 31 FESCUE SHALL NOT BE UTILIZED IN WETLAND OR BUFFER AREAS. THE AREA SHOULD BE SEEDED AND MULCHED TO REDUCE EROSION AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

8. AFTER INSTALLATION HAS BEEN COMPLETED, MAKE POST—CONSTRUCTION GRADES AND ELEVATIONS THE SAME AS THE ORIGINAL GRADES AND ELEVATIONS IN THE TEMPORALITY IMPACTED. AREAS. ELEVATIONS IN THE TEMPORALITY IMPACTED AREAS. TO PROTECT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM: USE I WATERS: IN-STREAM WORK SHALL NOT BE CONDUCTED DURING THE PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE DURING ANY 10. STORMWATER RUNOFF FROM IMPERVIOUS SURFACES SHALL BE CONTROLLED TO PREVENT THE WASHING OF DEBRIS INTO THE WATERWAY.

11. CULVERTS SHALL BE CONSTRUCTED AND ANY RIPRAP PLACED SO AS NOT TO OBSTRUCT THE MOVEMENT OF AQUATIC SPECIES, UNLESS THE PURPOSE OF THE ACTIVITY IS TO IMPOUND WATER.

SHEET INDEX	
DESCRIPTION	SHEET NO.
COVER SHEET	1 OF
ROAD PLAN	2 OF 14
ROAD PROFILE	3 OF 14
GRADING AND SEDIMENT CONTROL PLAN	4 OF 14
SEDIMENT AND EROSION CONTROL NOTES AND DETAILS	5 OF 14
STORM DRAIN DRAINAGE AREA MAP	6 OF 14
STORM DRAIN PROFILES	7 OF 14
STORMWATER MANAGEMENT NOTES AND DETAILS	8 OF 14
STORMWATER MANAGEMENT DETAILS	9 OF 14
LANDSCAPE PLAN	10 OF 14
OFFSITE FOREST CONSERVATION PLAN	11 OF 14
OFFSITE FOREST CONSERVATION NOTES AND DETAILS	12 OF 14
RETAINING WALL PLAN AND DETAILS	13 OF 14
HAUL ROAD AND TEMPORARY STOCKPILES	14 OF 14

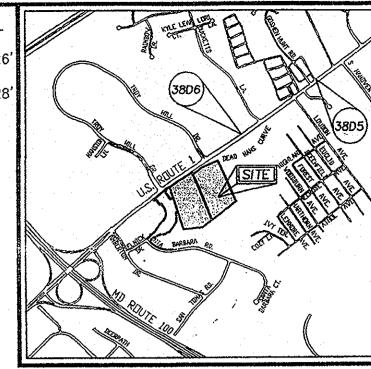
BENCHMARKS

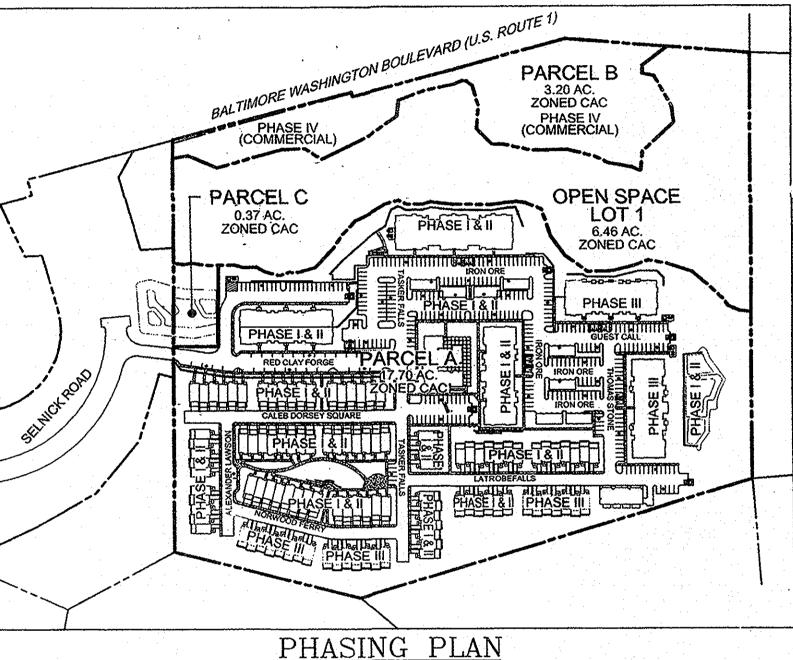
Proposed Contour

HOWARD COUNTY BENCHMARK 3805 N 558,378.575 E 1,386,524.158 ELEV.: 193.726 HOWARD COUNTY BENCHMARK 38D6 N 557,155.459 E 1,384,992.262 ELEV.: 175.228

LEGEND Existing Contour

Single Overhead > Double Overhead





OWNER/DEVELOPER

ELKRIDGE DEVELOPMENT, LLC ELKRIDGE DEVELOPMENT NO.2, LLC 301 TRANSYLVANIA AVENUE RALEIGH, NC 27609 (919) 789-9289

SCALE: 1"=100'

301 TRANSYLVANIA AVENUE RALEIGH, NC 27609 (919) 789-9289

ļ		
3	REVISE FCEAREAS B-1 & B-2 PARCEL "A"	6-10-08
2	REVISE TEMPORARY STOCKPILE#2 AND GENERAL NOTE 25	4-30-07
1	ADD BEST MANAGEMENT PRACTICES	4-20-07
NO.	REVISION	DATE
* CCTO IN ALL AND DECK	CONTROLLE MENTALE CONTROL CONT	SECTION OF STREET

FINAL ROAD CONSTRUCTION PLANS

COVER SHEET

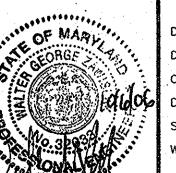
BELMONT STATION PARCELS 'A,' 'B' & 'C' & OPEN SPACE LOT 1

REF: WP-04-152, WP-06-79, S-04-10, P-05-17, F-06-169, F-07-093

TAX MAP 37 BLOCK 18

PARCEL '196, 198, 199'

> ROBERT H. VOGEL ENGINEERING, [NC. ENGINEERS . SURVEYORS PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961



1ST ELECTION DISTRICT

DESIGN BY: DRAWN BY: CHECKED BY: AS SHOWN 04--08

HOWARD COUNTY, MARYLAND

PLANTED AREAS MAY BE MANAGED FOR AESTHETICS, WILDLIFE, TIMBER PRODUCTS AND WATERSHED PROTECTION IN ACCORDANCE WITH SOUND FOREST MANAGEMENT PRACTICES. CONTROL OF INVASIVES SUCH AS MULTIFLORA ROSE AND HONEYSUCKLE WILL BE CRUCIAL DURING THE ESTABLISHMENT YEARS. A FOREST MANAGEMENT PLAN SHOULD BE DEVELOPED BY A MARYLAND REGISTERED FORESTER FOR RECOMMNEDATIONS BEYOND THE INITIAL 5-YEAR ESTABLISHMENT PERIOD.

REFORESTATION MONITORING NOTES

MONTHLY VISITS DURING THE FIRST GROWING SEASON ARE TO ASSESS THE SUCESS OF THE PLANTINGS AND TO DETERMINE IF SUPPLEMENTAL WATERING, PEST CONTROL OR OTHER ACTIONS ARE NECESSARY. EARLY SPRING VISITS WILL DOCUMENT WINTER KILL AND AUTUMN VISITS WILL DOCUMENT SUMMER KILL.

2. THE MINIMUM SURVIVAL RATE SHALL BE 75% OF THE TOTAL NUMBER OF TREES PLANTED PER ACRE AT THE END OF THE TWO YEAR MAINTENANCE PERIOD. WILD TREE SEEDLINGS FROM NATURAL REGENERATION ON THE PLANTING SITE MAY BE COUNTY UP TO 50% TOWARD THE TOTAL SURVIVAL NUMBER IF THEY ARE HEALTHY NATIVE SPECIES AT LEAST 12 INCHES TALL. 3. SURVIVAL WILL BE DETERMINED BY A STRATIFIED RANDOM SAMPLE OF THE PLANTINGS. THE SPECIES COMPOSITION OF THE SAMPLE POPULATION SHOUD BE PROPERTIONATE TO THE AMOUNT OF EACH SPECIES IN THE ENTIRE PLANTING TO BE SAMPLED.

4. EFFECTIVE MONITORING WILL ASSESS PLANT SURVIVABILITY DURING THE FIRST GROWING SEASON AND MAKE RECOMMENDATIONS FOR REINFORCEMENT PLANTING IF REQUIRED AT THE TIME.

REFORESTATION AREA PLANTING NOTES

INTIAL PLANTING INSPECTION AND CERTIFICATION REQUIRED. REFORESTATION AREAS MAY BE PLANTED AS SOON AS REASONABLE TO DO SO. LATE WINTER -EARLY SPRING PLANTINGS ARE PREFERRED. EARLIEST PLANTING DATES WILL VARY FROM YEAR TO YEAR BUT PLANTING MAY GENERALLY BEGIN AS SOON AS THE GROUND IS NO LONGER FROZEN. ALTERNATE PLANTING DATES MAY BE CONSIDERED AS CONDITIONS WARRANTS

3. SOIL AMENDMENTS AND FERTILIZATION RECOMMENDATIONS WILL BE MADE BASED UPON THE RESULTS OF SOIL ANALYSIS FOR NITROGEN, PHOSPHORUS, POTASSIUM, ORGANIC MATTER CONTENT AND PH. I IF REQUIRED. FERTILIZER WILL BE PROVIDED USING A SLOW RELEASE, SOLUBLE 16-8-16 ANALYSIS DESIGNED TO LAST 5-8 YEARS CONTAINED IN POLYETHYLENE PERFORATED BAGS SUCH AS MANUFACTURED BY ADCO WORKS, P.O. BOX 310 HOLLINS, NY 11423 OR APPROVED EQUAL 4. PLANT MATERIALS SHALL BE PLANTED IN ACCORDANCE WITH THE PLANTING DIAGRAM, PLANTING

DETAILS AND PLANTING SCHEDULE. 5. PLANT STOCK MUST BE PROTECTED FROM DESICCATION AT ALL TIMES PRIOR TO PLATING. MATERIALS HELD FOR PLANTING SHALL BE MOISTENED AND PLACED IN COOL SHADED AREAS UNTIL READY FOR PLACEMENT.

6. PLANTING MATERIALS SHALL BE NURSERY GROWN AND INSPECTED PRIOR TO PLANTING. PLANTS NOT CONFORMING TO THE AMERICAN STANDARDS FOR NURSERY STOCK SPECIFICATIONS FOR SIZE, FORM, VIGOR, OR ROOTS, OR DUE TO TRUNK WOUNDS, BREAKAGE, DESICCATION, INSECT OR DISEASE MUST BE REPLACED.

7. ALL STOCK TO BE CONTAINER GROWN WITH DEER REPELLENT TABLETS IN GROWING MEDIUM SUCH AS "REPELLEX."

8. NEWLY PLANTED TREES MAY REQUIRE WATERING AT LEAST ONCE PER WEEK DURING THE FIRST GROWING SEASON DEPENDING ON RAINFALL IN ORDER TO GET ESTABLISHED. THE INITIAL PLANTING OPERATION SHOULD ALLOW FOR WATERING DURING INSTALLATION TO COMPLETELY SOAK BACKFILL MATERIALS.

9. MULCH SHALL BE APPLIED IN ACCORDANCE WITH THE DIAGRAM PROVIDED AND SHALL CONSIST OF COMPOSTED. SHREDDED HARDWOOD BARK MULCH, FREE OF WOOD ALCOHOL 10. PLANTING HOLES SHOULD BE EXCAVATED TO A MINIMUM DIAMETER OF 2.5 TO 3 TIMES THE DIAMETER OF THE ROOT BALL OR CONTAINER. MECHANICAL AUGURING IS PREFERRED WITH SCARIFICATION OF THE SIDES OF EACH HOLE.

PLANT SELECTION AND DENSITY SPACING REQUIREMENTS

PLANTING MATERIAL SIZE AND DENSITY PLANTING:

FOREST (

ESMTE

PLANTING SIZE AND DENSITY MAY VARY WITH A COMBINATION OF PLANTING STOCK WHICH WILL BE DETERMINED AT THE TIME OF PLANTING. PLANTING QUANTITY AND SPACING ARE BASED ON SQUARE FOOTAGE CREDIT, WHICH VARIES BY MATERIAL SIZE. A TOTAL OF 43.560 SFOF PLANTING CREDIT MUST BE FULFILLED FOR EACH ACRE PLANTED. THIS CREDIT CAN BE FULFILLED WITH ANY COMBINATION OF MATERIAL SIZE IN ACCORDANCE WITH THE FOLLOWING CHART.

PLANT MATERIAL SIZE TABLE

MATERIAL SIZE	SPACING	TPA	SF CREDIT PER PLANT	COMMENTS
2" CALIPER TREES	20' X 20'	100	435.6	В & В
1" CALIPER TREES	15' X 15'	200	217.8	B & B
SEEDLINGS OR WHIPS	11' X 11'	350	125	CONTAINER 1-3 GAL. W/ TREE SHELTERS
SEEDLINGS	8' X 8'	700	62	BARE ROOT OR CONTAINER GROWN

		COMMON NAME	r	CDAOINO	MATER
QTY	BOTANICAL NAME	COMMON NAME IT A: 2.52 AC (200 TPA	MIN. SIZE	SPACING	NOTES
72	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
72	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	
72	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15' O.C.	1" CAL.
72	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' O.C.	BALLED AND
72	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	BURLAPED
72	CARPINUS CAROLINIANA	AMERICAN HORNBEAM		15' O.C.	
72	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
,		3-20: 1.90 AC (200 TPA			
55	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
55	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	
54	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15' O.C.	1" CAL.
54	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' O.C.	BALLED AND
54	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	BURLAPED
54	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1" CAL.	15' O.C.	
54	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
		IT C1: 0.45 AC (200 TF	<u> </u>		
14	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
14	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	
14	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15° O.C.	1" CAL. BALLED
12	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' O.C.	AND
12	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	BURLAPED
12	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1" CAL.	15' O.C.	
12	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
	EASEMEN	T C2: 0.23 AC (200 TF	PA) = 46	<u> </u>	
7	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
6	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	
6	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15' O.C.	1" CAL. BALLED
6	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' O.C.	AND
6	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	BURLAPED
6	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1" CAL.	15' O.C.	
6	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
	EASEMEN	T D: 3.98 AC (200 TPA	() = 796		
115	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
115	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	1" CAL.
114	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15' O.C.	BALLED
114	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' 0.C.	AND
114	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	BURLAPED
114	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1" CAL.	15' O.C.	
114	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
	EASEMEN	NT E: 0.79 AC (200 TPA	<u>()</u> = 158		
24	ACER RUBRUM	RED MAPLE	1" CAL.	15' O.C.	
24	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	1" CAL.	15' O.C.	1" CAL.
22	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	15' O.C.	BALLED
22	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	15' O.C.	AND BURLAPED
22	CERCIS CANADENSIS	REDBUD	1" CAL.	15' O.C.	DONDARED
22	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	1" CAL.	15' O.C.	
22	PINUS TAEDA	LOBLOLLY PINE	1" CAL.	15' O.C.	
1980	TOTAL PLANTINGS				

PROPOSED FOREST CONSERVATION EASEMENTS A-E: 9.88 AC

FOREST CONSERVATION NARRATIVE

THIS FOREST CONSERVATION PLAN WAS PREPARED IN ACCORDANCE WITH THE HOWARD COUNTY FOREST CONSERVATION MANUAL

THIS PLAN PROVIDES OFF-SITE PLANTING FOR BELMONT STATION. THE REQUIRED REFORESTATION OBLIGATION FOR THIS SUBDIVISION IS 9.83 ACRES AND WILL BE FULFILLED BY PLANTING 9.87 ACRES WITHINSEVEN FOREST CONSERVATION EASEMENTS LOCATED ON THE FOX CREEK SUBDIVISION, PRESERVATION PARCELS A & D, TAX MAP 15, F-07-093, FOX CREEK PRESERVATION PARCELA, PLATNO 18712-18715. PLANTINGS SHALL OCCUR USING THE STOCK SIZE SHOWN ON THE PLANTING SCHEDULE. HOWEVER IF DUE TO SEASONAL VARIABILITY THE PRESCRIBED SIZE OR SPECIES ARE NOT AVAILABLE, SUBSTITUTIONS MAY BE MADE IF APPROVED BY HOWARD COUNTY PRIOR TO INSTALLATION.

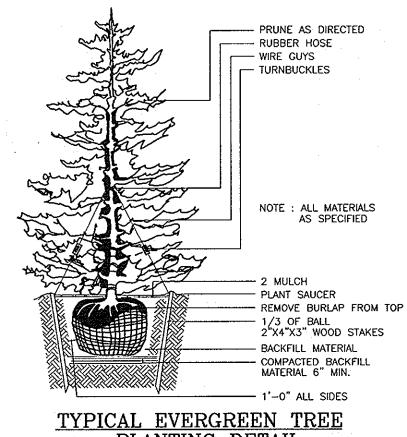
THE FOREST CONSERVATION OBLIGATION OF 9.83 ACRES OF REFORESTATION FOR THIS SUBDIVISION WILL BE MET BY PROVIDING 9.87 ACRES OF REFORESTATION FOREST CONSERVATION EASEMENTS (FCE'S A-E) OFFSITE ON BUILDABLE PRESERVATION PARCELS A & D. FOX CREEK. FOREST CONSERVATION SURETY IN THE AMOUNT OF \$214,968.60 WILL BE POSTED AS PART OF THE DEVELOPER'S AGREEMENT.

A CONTRACTOR	A Company of the Comp			•
OREST CONSERVATION EASEMENT TABLE				and for
SEMENT	REFORESTATION			3
SMT A	2.52			
SMT B-/	0.05		•	- College
SMT <i>B-2</i>	1.85			
SMT 6-1	0.45			
SMT C-2	0.23			and the second
SMT D	3.98			
SMTE	0.79	·		Evener &
TAL	9.87			
				5335

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

10-19-06 CHIEF, BUREAU OF HIGHWAYS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING



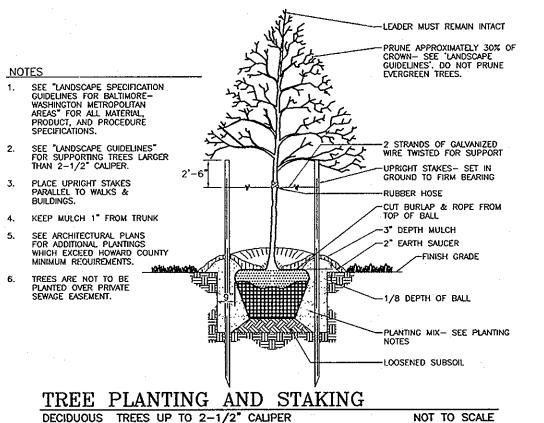
PLANTING DETAIL NOT TO SCALE

OWNER/DEVELOPER

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN. SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE (1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

10/6/06



BELMONT STATION (PARCELS A, B, C AND OPEN SPACE LOT 1)

ELKRIDGE DEVELOPMENT, LLC 301 TRANSYLVANIA AVENUE RALEIGH, NC 27609 (919) 789-9289 ELKRIDGE DEVELOPMENT NO.2, LLC 301 TRANSYLVANIA AVENUE

RALEIGH, NC 27609

(919) 789-9289

PRESERVATION PARCELS 'A' & ' RICHARD W. TENNANT MARY L. TENNANT (DECEASED) 12256 FREDERICK ROAD ELLICOTT CITY, MARYLAND 21042

OWNER- BUILDABLE

FOX CREEK

MACHINERY, DUMPIN OR STORAGE OF ANY MATERIALS IS PROHIBITED VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF 1. BOTTOM OF SIGNS TO BE HIGHER THAN TOP OF TREE PROTECTION FENCE. 2. SIGNS TO BE PLACED APPROXIMATELY 50-100' FEET APART. CONDITIONS ON SITE AFFECTING VISIBILITY MY WARRANT PLACING SIGNS CLOSER OR FARTHER APART.

−Min. 11"-

SPECIMEN

DO NOT REMOVE

3. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED. FOREST FORFST CONSERVATION CONSERVATION REFORESTATION REFORESTATION PROJECT PROJECT DIRECT SEEDING TREES FOR YOUR FUTURE TREES FOR YOUR

---- Min. 11"-

FOREST

DO NOT DISTURB

MACHINERY, DUMPING OR STORAGE OF ANY MATERIALS IS

PROHIBITED

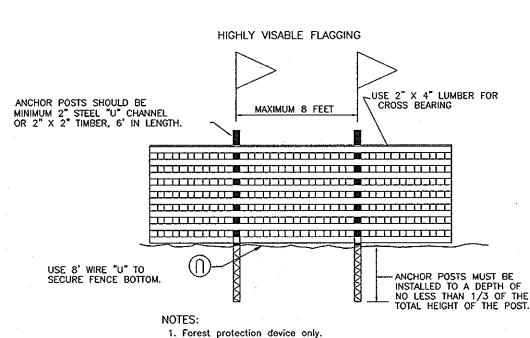
VIOLATORS ARE SUBJECT TO FINES AS IMPOSED BY THE MARYLAND FOREST CONSERVATION ACT OF

CONSERVATION

1. THE SIGNS NOTIFY CONSTRUCTION WORKERS AND FUTURE RESIDENTS OF THE NEWLY PLANTED MATERIAL, IMPROVING THE TREES' SURVIVAL RATES. 2. SIGNS MAY BE ADAPTED BY RESIDENTS FOR IDENTIFICATION OF FOREST

SIGNS

RETENTION AREAS IN LONG TERM . FOREST CONSERVATION AREA



 Forest protection device only.
 Retention area will be set as part of the review process. Boundaries of retention area should be staked and flagged prior to installing device.

1. Roof damage should be avoided.

BLAZE ORANGE PLASTIC MESH
TYPICAL TREE PROTECTION FENCE DETAIL

FOREST CONSERVATION WORKSHEET

NET TRACT AREA: A. TOTAL TRACT AREA B. AREA WITHIN 100 YEAR FLOODPLAIN AREA TO REMAIN IN AGRICULTURAL PRODUCTION

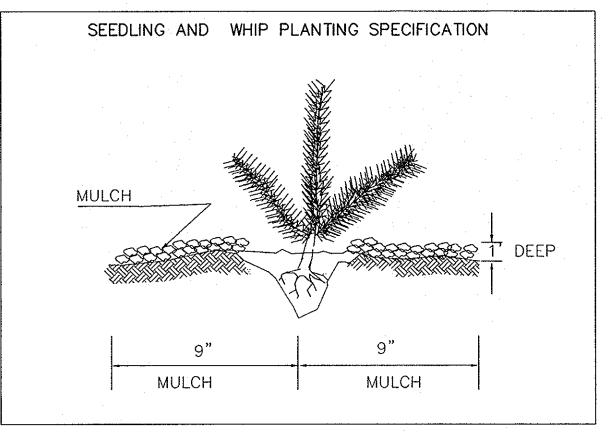
LAND USE CATEGORY (FROM TABLE 3.2.1, PAGE 40, MANUAL) INPUT THE NUMBER "1" UNDER THE APPROPIATE LAND USE ZONING, AND LIMIT TO ONLY ONE ENTRY.

HDR MPD E. AFFOREST THRESHOLD $15\% \times C = 3.12 AC$ $20\% \times C = 4.16 AC$ CONSERVATION THRESHOLD **EXISTING FOREST COVER:**

G. EXISTING FOREST COVER (EXCLUDING FLOODPLAIN) H. AREA OF FOREST ABOVE AFFORESTATION THRESHOLD
I. AREA OF FOREST ABOVE CONSERVATION THRESHOLD BREAK EVEN POINT: H. FOREST RETENTION ABOVE THRESHOLD WITH NO MITIGATION =
I. CLEARING PERMITTED WITHOUT MITIGATION = 5.37 AC 4.83 AC PROPOSED FOREST CLEARING:

J. TOTAL AREA OF FOREST TO BE CLEARED =
K. TOTAL AREA OF FOREST TO BE RETAINED = PLANTING REQUIREMENTS: L. REFORESTATION FOR CLEARING ABOVE CONSERVATION THRESHOLD = 1.51 AC M. REFORESTATION FOR CLEARING BELOW CONSERVATION THRESHOLD = 8.32 AC N. CREDIT FOR RETENTION ABOVE CONSERVATION THRESHOLD = 0.00 AC . TOTAL REFORESTATION REQUIRED =

Q. TOTAL AFFORESTATION REQUIRED = R. TOTAL REFORESTATION AND AFFORESTATION REQUIRED THE FOREST CONSERVATION OBLIGATIONS OF 9.83 ACRES OF REFORESTATION FOR SUBDIVISION WILL BE MET BY PROVIDING 9.87 ACRES OF REFORESTATION FOREST CONSERVATION EASEMENTS (FCE A-E) OFFSITE ON BUILDABLE PRESERVATION PARCELS A & D, FOX CREÈK. FOREST CONSERVATION SURETY IN THE AMOUNT OF \$214,968.60 WILL BE POSTED AS PART OF THE DEVELOPERS AGREEMENT.

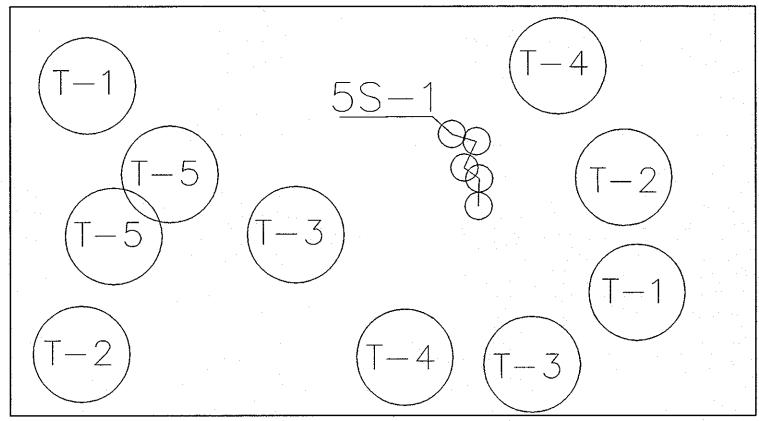


NOTE: 1. PLANT MIX TO BE 1/3 PIONEER & 2/3 MID TO LATE SUCCESSIONAL SPECIES

2. PLANT LARGER STOCK AND EVERGREENS AROUND PERIMETER TO PROTECT INTERIOR SMALLER STOCK.

3. WHEN SHRUBS ARE SPECIFIED, PLANT THEM IN CLUSTERS.

4. DO NOT PLANT TREES IN A GRID PATTERN.



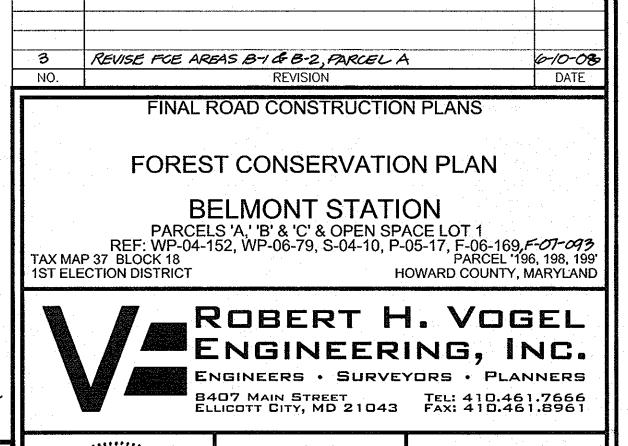
TYPICAL RANDOM PLANT SPACING DETAIL & CHART NOTE: 1. PLANT MIX TO BE 1/3 PIONEER & 2/3 MID TO LATE SUCCESSIONAL SPECIES

2. PLANT LARGER STOCK AND EVERGREENS AROUND PERIMETER TO PROTECT INTERIOR SMALLER STOCK.

3. WHEN SHRUBS ARE SPECIFIED, PLANT THEM IN CLUSTERS 4. DO NOT PLANT TREES IN A GRID PATTERN.

DENSITY CHART

QTY. PER ACRE AVERAGE SPACING 20'x20' 2" CALIPER 100 200 15'x15' 1" CALIPER 350 WHIPS 11'x11' 700 SEEDLINGS 8'x8'



DESIGN BY: CHECKED BY: OCTOBER 2006 DATE: SCALE: AS SHOWN

W.O. NO.: 04-08

SHEET 14

ZONED RR-DEO TAX MAP 15, BLOCK 12 & 18 TAX MAP 15, BLOCK 12 & 18

3RD ELECTION DISTRICT

FOX CREEK

PARCEL A AND PARCEL D

FOX CREEK SUBDIVISION RECORDED AS PLAT 17293-17296

DPZ FILE NUMBERS-S-00-03, F-01-163, F-01-52, P-01-01,

RE-01-02, WP-01-02, F-02-44, PLAT NO. 15646-15649, F-05-119

10.20 AC

PARCEL '183' HOWARD COUNTY, MARYLANI

