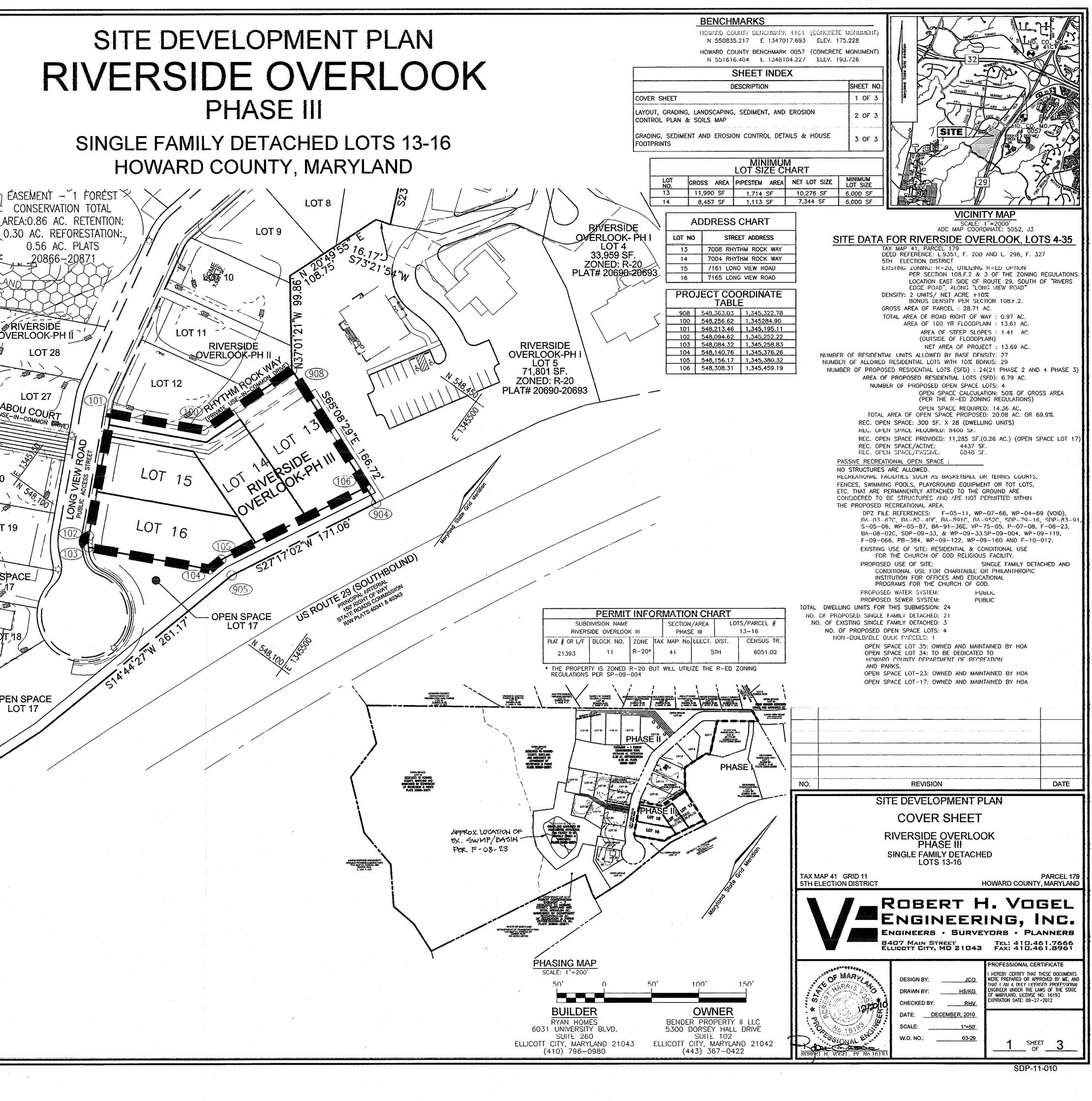
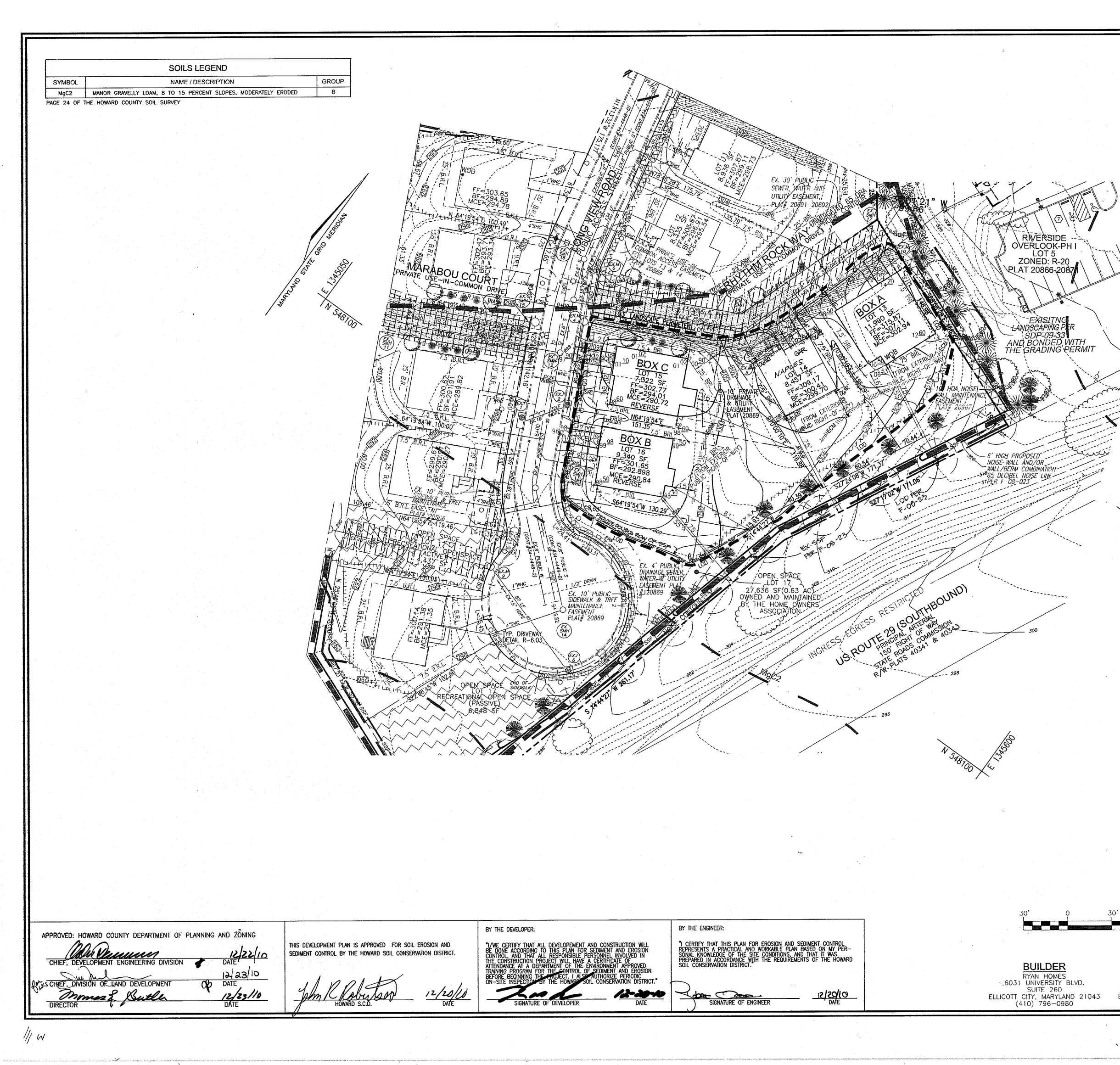
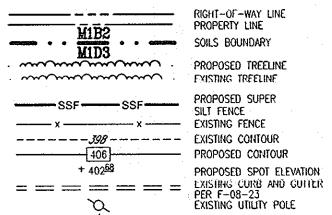
GI	ENERAL NOTES	
	ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY	
2.	PLUS MDSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION	
3.	WORK. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK	
	ON THESE DRAWINGS:         1-800-252-1133           AT&T:         1-800-252-1133           B.G.E. (CONSTRUCTION SERVICES):         410-637-8713	
	B.G.E. (EMERGENCY): 410-685-0123 BUREAU OF UTILITIES: 410-313-4900	
	COLONIAL PIPELINE CO.         410-795-1390           MISS UTILITY         1-800-257-7777	
4	STATE HIGHWAY ADMINISTRATION:         410-531-5533           VERIZON:         1-300-743-0033           SITE ANALYSIS:         1-300-743-0033	
4.	LOCATION : COLUMBIA, MD.; TAX MAP 41, BLOCK 11, PARCEL 179 SUBDIVISION : RIVERSIDE OVERLOOK	
	SECTION/AREA : PHASE III ELECTION DISTRICT: 5TH	
	AREA OF PLAN SUBMISSION: 0.85 AC	
	PRESENT ZONING: R-20 AREA OF PROPOSED RESIDENTIAL LOTS (SFD): 0.85 AC.	TYY
	LIMIT OF DISTURBED AREA: 0.77 AC. DPZ REFERENCES : F-05-11, WP-07-66, WP-04-69 (VOID), BA-03-67C, BA-82-40E, BA-891C, BA-952C,	
	SDP-79-16, SDP-83-91, S-05-06, WP-05-87, BA-91-36E AND VP-75-05, P-07-08, F-08-23, BA-08-02C, SDP-09-33, WP-09-33, SP-09-004, WP-09-119, F-09-066, PB-384, WP-09-122, WP-09-160, F-10-012,	NIERMIT
5.	SDP-10-003 & F-11-015. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION	TIT
	INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO START OF WORK. ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING, OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S	111
	EXPENSE. EXISTING UTILITIES LOCATED FROM ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND AND SEWER	Ya
	EXTENSION 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	They are
	MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.	
	ESTIMATES OF EARTHWORK QUANTITIES ARE PROVIDED SOLELY FOR THE PURPOSE OF CALCULATING FEES.	T.
9.	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 SOIL TEST PRIOR TO CONSTRUCTION.	
10.	THE TOPOGRAPHY SHOWN HEREON IS BASED ON AN AERIAL TOPOGRAPHIC SURVEY WITH TWO FOOT CONTOUR INTERVALS PREPARED BY POTOMAC AERIAL SURVEY INC., DATED FEBRUARY 2004.	LOT
	ALL ELEVATIONS ARE TO FLOWLINE/BOTTOM OF CURB UNLESS OTHERWISE NOTED.	
	ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. PUBLIC WATER AND SEWER ARE AVAILABLE THROUGH CONTRACT NO. 34–4448–D.	
	STORMWATER MANAGEMENT HAS BEEN PROVIDED UNDER F-08-023. AND SP-09-004. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD	
16.	COUNTY CODE AND LANDSCAPE MANUAL. ANY EXISTING STREET TREES DAMAGED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED BY THE	
	CONTRACTOR. THE FOREST CONSERVATION OBLIGATIONS HAVE BEEN FULFILLED UNDER F-08-023 AND SP-09-004.	
	THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY HILLIS-CARNES DATED JUNE 26, 2006; APPROVED UNDER F-08-023 AND SP-09-004.	LOT 22
19.	THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. DEVELOPMENT OR CONSTRUCTION OF THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR	
20	BUILDING/GRADING PERMIT APPLICATIONS. THERE ARE NO WETLANDS, STREAMS, 100 YR. FLOOD PLAINS, OR STEEP SLOPES WITHIN LOD.	ful
21	THE SUBJECT PROPERTY IS ZONED R-20 PER THE 02-02-04 COMPREHENSIVE ZONING PLAN AND THE COMP. LITE ZONING REGULATIONS EFFECTIVE ON 07/28/06, AND IS SUBJECT TO SUBDIVISION AND LAND DEVELOPMENT	
22	REGULATIONS EFFECTIVE 10/02/02 PER COUNCIL BILL 75-2003. . TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE.	
23.	. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO BURIAL/CEMETART EDUCATIONS ON SHE. . EXISTING UTILITIES ARE BASED ON HOWARD COUNTY RECORDS AND FIELD SURVEY. . FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD DETAIL	1
	R-6.03. . THE COORDINATE SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED	
	UPON MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 0057 AND 41C1 WERE USED FOR THIS PROJECT.	
26.	. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:	
	A. WIDTH $-12'$ (16' FOR SERVING MORE THAN ONE RESIDENCE) B. SURFACE $-6''$ OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN)	
	C. GEOMETRY – MAX 15% GRADE, MAX 10% GRADE CHANGE, AND MIN 45' TURNING RADIUS D. STRUCTURES (CULVERTS/BRIDGES) – CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)	
	E. DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT OF DEPTH OVER DRIVEWAY SURFACE	$\bigwedge$
27	F. MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE . IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR	II
	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	JY
28	REAR YARD SETBACK. A NOISE STUDY WAS PERFORMED BY ROBERT H. VOGEL ENGINEERING, INC., DATED OCTOBER 18, 2006, AND	
	APPROVED BY HOWARD COUNTY UNDER P-07-008 AND SP-09-004. THE 65 dBA NOISE CONTOUR LINE DRAWN ON THIS SUBDIVISION PLAN IS ADVISORY AS REQUIRED BY THE HOWARD COUNTY DESIGN MANUAL. CHAPTER 5, REVISED FEBRUARY, 1992 AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dBA NOISE EXPOSURE. THE 65 dBA	IT
	NOISE LINE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE	$\sum \gamma$
29	U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. . ALL PERIMETER LANDSCAPING REQUIREMENTS AS SET FORTH IN SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION	IX
	REGULATIONS AND THE LANDSCAPE MANUAL ARE BY COMPLIED WITH UNDER F-08-023. ADDITIONAL LANDSCAPING IS PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. LANDSCAPE SURETY IN THE AMOUNT OF \$900 FOR THE REQUIRED 2 SHADE TREES, AND	85.7
	2 EVERGREEN TREES WILL BE POSTED WITH THE GRADING PERMIT FOR LOT 15.	1222 1222 1209
30	. THE FOREST CONSERVATION EASEMENT HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF	40
31	FOREST CONSERVATION EASEMENT ARE ALLOWED. . THIS "R-20" ZONED SUBDIVISION, APPROVED UNDER F-08-023, IS BEING DEVELOPED PURSUANT TO THE "R-ED" ZONIN	G
•	DISTRICT REGULATIONS (SECTION 107.E. OF THE ZONING REGULATIONS), INCLUDING THE PLANNING BOARD'S APPROVAL OF THE SUBDIVISION DESIGN A 75' SETBACK FROM BOUNDARY ADJOINING SINGLE FAMILY DETACHED DEVELOPMENTS, AND THE OTHER CRITERIA REQUIREMENTS IN ACCORDANCE WITH SECTION 108.F.3. OF THE ZONING REGULATIONS.	
32	. SHC ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE.	
	. ALL NECESSARY WATER METERS SHALL BE LOCATED WITHIN THE HOUSE. . NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN TH REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAN	E
35	. A USE-IN-COMMON DRIVEWAY MAINTENANCE AGREEMENT FOR LOTS 13-16 WAS RECORDED IN THE LAND RECORDS	
	of Howard County. Under F-11-015. (Liber 12917, Folio 328).	
	APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING	
	MARD	·
	CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE	
	Ju m Cama 12/23/10	
Ŕ	CHEF, DIVISION OF LAND DEVELOPMENT OF DATE	
	DIRECTOR	

LOT 25 LOT 25 LOT 26 LOT 22 LOT 21 LOT 21 LOT 21 LOT 20 LOT 19 DEN SPACE LOT 17 DEN SPACE





## LEGEND:

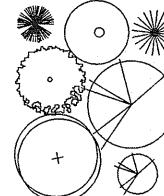


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----SSF---- SSF---- EXISTING SILT FENCE (TO REMAIN) F-08-23 <u>LOD</u> <u>LOD</u> EXISITN LIMIT OF DISTURBANCE PER F-08-23

## 

----ECM+++--++



5483~

Existing Trees PER F-08-23

EXISTING LIGHT POLE

EXISTING SANITARY LINE PER F-08-23

EXISTING STOPMOPMIN LINE PER F-08-23 Existing water line PER F-08-23

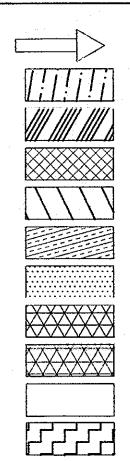
EXISTING FIRE HYDRANT

EXISTING STABILIZED CONSTRUCTION ENTRANCE

PER F-08-23

PROPOSED EROSION CONTROL MATTING (MAINTAH ECM FOR EXISTING SWALES)

EXISTING SIGN



## Existing Earth Dike PER F-08-23

EXISTING PUBLIC SEWER, WATER & UTILITY EASEMENT PLAT# 20866 EXISTING PUBLIC SEWER & UTILITY EASEMENT

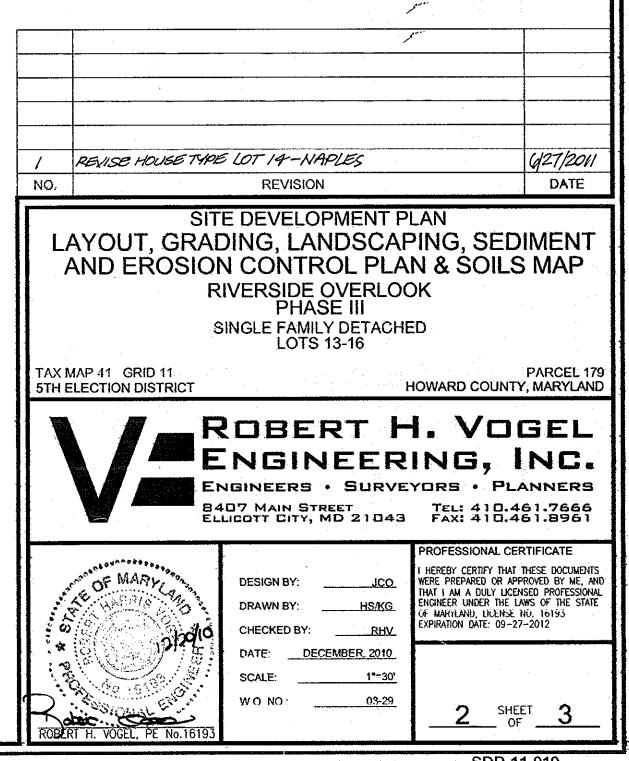
PLAT# 20866 EXISTING PUBLIC DRAINAGE, SEWER, WATER & UTILITY EASEMENT PLAT# 20866 EXISTING PUBLIC DRAINAGE & UTILITY EASEMENT PLAT# 20866 EXISTING PRIVATE DRAINAGE

& UTILITY EASEMENT PLAT# 20860 Existing private use-in-ACCESS EASEMENT PLAT# 20866

PRIVATE WALL MAINTENANCE EASEMENT 10° H.O.A. NOISE WALL MAINTENANCE EASEMENT PLAT# 20866

Existing public sidewalk & tree maintenance Easement plat# 20866

PECPEATION OPEN SPACE



OWNER BENDER PROPERTY II LLC 5300 DORSEY HALL DRIVE SUITE 102 ELLICOTT CITY, MARYLAND 21042 (443) 367-0422

ŗ			
	DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE	DETAIL 33 - SUPER SILT FENCE	DETAIL 1 -
	SO' MINIMUM SM     SO' MINIMUM SM     SO' MINIMUM G'' OF 2'' - 3''     PROFILE CLASS     C' OR BETTER     PROFILE CLASS     C' OR BETTER     PROFILE     PROFILE     PROFILE     PROFILE     SO' MINIMUM     ENGTH     T	EXIT: PERCE POET SPACERS SWALL NOT EXCEED 10" CENTER TO CENTER GROUND SURFACE FLOW 21/2" DAMETER CALWANZED OH ALUNIKUM POSTS FRITER CLOTH	2:1 SLOPE OR FLATTER
	STANDARD SYMBOL PLAN VIEW	CHAIN LINK FENCING FLOW	CUT OR FILL SLOPE PLAN VIEW
		CONSTRUCTION SPECIFICATIONS 1. FENCING SHALL BE 40° IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATIS I MARYLAND STALE HUMMAT LEDALS FUR LINK LINK FERCING. THE SPELIFICATION FOR A 67 FENCE SHALL BE USED, SUBSTITUTING 42° FABRIC AND 6° LENGTH POSTS.	1. SEED AND COVER WITH STRAW MULC 2. SEED AND COVER WITH EROSION CO 3. 4 7 7 STONE OR RECYCLED CONC THE SOIL 7" MINIMUM
	<ol> <li>LENGTH - MINIMUM OF 50' (* 30' FOR A SINGLE RESIDENCE LOT).</li> <li>WIDTH 10' MIRIMUM, CHOULD BE FLARED AT THE EXISTING ROAD TO FROMDE A TURNING RADUS.</li> <li>GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. ** THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.</li> <li>STORE - CRUCHED ACCRECATE (2" TO 3") OR RECLAIMED OR RECYCLED CONFERETE THE ENTRANCE.</li> <li>SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUCH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION REITRANCE SHALL BE PROTECTED WITL A MONITAIN E DEISM WITH 51 GLOVES AND A MINIMUM AT CO CONFER OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SEE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE. WHEN THE SEE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE. WHEN THE SEE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE. WHEN THE SEE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO THE ARAUGHT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.</li> <li>LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSIDERION TRAFFIC ENTRANCE OF SHALL BE LOCATED AT EVERY POINT WHERE CONSIDERING TRAFFIC ENTRANCE SHALL BE CONTENTS.</li> </ol>	<ul> <li>2. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE THES. THE LOWER THEREON WIRE, DEACH AND TRUTC FROM, URAR ANEMORY, AND FOOT CAPE ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.</li> <li>3. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH THES SPACED EVERY 24" AT THE TOP AND MID SECTION.</li> <li>4. FILTER CLOTH STALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH THES SPACED EVERY 24" AT THE TOP AND MID SECTION.</li> <li>5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.</li> <li>6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SULT BURDUPS REMOVED WHEN "BULGES" DEVELOP IN THE CLUT FENCE, OR WHEN CALL FREACHES SON OF FEDICE NEIGHT</li> <li>7. RILTER CLOTH SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F: TENSILE STREAMORTH SO LERS/M (MIN.) TEST: MISMT 500 TENSILE WOODLUS 20 LES/M (MIN.) TEST: MISMT 302 FLOW RATE OJA RATE OJA CALLER FOLLOWING REQUIREMENTS AND SALE MILLING EFFICIENCY 75% (MIN.) TEST: MISMT 322 FULTERING EFFICIENCY 75% (MIN.) TEST: MISMT 322</li> </ul>	CONSTRUCTION SPEC 1. ALL TEMPORARY EARTH DIKES SHALL HAVE AN OUTLET. SPOT ELEVATIONS MAY BE NECESS 2. RUNOFF DIVERTED FROM A DISTURBED A SEDIMENT TRAPPING DEVICE. 3. RUNOFF DIVERTED FROM AN UNDISTURBED A AN UNDISTURBED, STABILIZED AREA AT A NON- 4. ALL INLES, BRUSH, STUMPS, UDSTRUCTIONS SHALL BE REMOVED AND DISPOSED OF SO AS PROPER FUNCTIONING OF THE DIKF. 5. THE DIKE SHALL BE EXCAVATED OR SHAPET SECTION AS REQUIRED TO MEET THE CRITERA BANK PROJECTIONS OF OTHER INFERDED FOR 5. FILL SHALL BE COMPACTED BY EARTH MOVIT 7. ALL EARTH REMOVED AND NOT NEEDED FOR 50 THAT IT WILL NOT INTERFERE WITH THE FU 8. INSPECTION AND MAINTENANCE MUST BE PR FACH RAIN EVENT.
	U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF EMBRONMENT SON CONTENTIATION SERVICE F 17 - 3 WATER MANAGEMENT ADMINISTRATION	U.S. DEPARTMENT OF AGRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT ICAL CORELEVATION ELIGICE II 26 3 WATER INMOLIVENT AUMITETICATION	Soli conservation servace $h = 1 - h$
	PERMANENT SEEDING NOTES APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKIN OTHER ACCEPTABLE MEANS BLI ORE SEEDING, IF NOT PREVIOUSLY LOOCLINED. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES: 1. PREFERRED: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) AND 600 IBS/ACRE 10-10-01 FERTILIZER (14 IBS/1000 SO, FT.) 2. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 3. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 4. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 5. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 5. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 5. ACCEPTABLE: APPLY 2 TONS/ACRE DOLOMITIC LIMESTONE (92 IBS/1000 SO, FT.) 5. SEEDING: HOR DISK INTO UPPER THREE INCHES OF SOIL. SEEDING: FOR THE PERIODS MARCH 1 THUR APRIL 30, AND AUGUST 1 THIRU OCTO 15. SEED WITH 60 IBS/ACRE (14 IBS/1000 SO, FT.) OF KENTUCKY 31 TALL FESCU- FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 IBS KENTUCKY 31 TALL FESCU- FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 IBS ACRE LOVEGRASS. DU THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION 2: USE SOD. OPTION 3: SEER: WITH 60 IBS/ACRE KENTUCKY 30 TALL FESCUE AND MULCH WITH TONS/ACRE WELL ANCHORED STRAW. MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 IBS/1000 SO, FT.) O UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION UCHING MULCH AND SEED AS ACRE (5 GAL/1000 SO, FT.) OF EMULSIFIED ASPHATI ON FLAT AREAS. ON SLOPE OR HIGHER, USE 348 GALLONS PER ACRE (70 TO 90 IBS/1000 SO, FT.) O UNRONTEL SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION UCHING AREAS AND MAKE NEEDED REPARATION REACRES ONE SUICE ACRE (5 GAL/1000 SO, FT.	<ul> <li>PLACEMENT OF TOPSOL OVER A PREPARED SUBSOL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.</li> <li>PURPOSE TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR</li> <li>UNACTEPTAIR F SOIL GRADATION</li> <li>CONDITIONS WHERE PRACTICE APPLIES</li> <li>THIS PRAVITOR F SOIL GRADATION</li> <li>CONDITIONS WHERE PRACTICE APPLIES</li> <li>THE DECUDENTIL TO FINDED USED SUBSOIL/PARENT MATERIAL SLOPES WHERE: OF THE EXPOSED SUBSOIL/PARENT MATERIAL B. THE SOIL MATERIAL IS SO SHALLOW TWAT THE ROOTING ZONE IS NOT DEEP FNOILCH TO SUPPORT PLANTS FOR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRENTS.</li> <li>DERR</li> <li>THE SOIL MATERIAL IS SO SHALLOW TWAT THE ROOTING ZONE IS NOT DEEP FNOILCH TO SUPPORT PLANTS FOR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRENTS.</li> <li>DERR</li> <li>THE SOIL MATERIAL IS SO TO SUPPORT PLANTS FOR FURNISH CONTINUING SUPPLIES OF MOISTURE AND SPECIFICATIONS, AREAS HAVING SLOPES STREEPER THAN 2:1 SHALL HAVE THE APPROVIDES OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL</li> <li>TOPSOIL SHALL AND MATERIAL SPECIFICATIONS</li> <li>I. TOPSOIL SHALLAND AGRICULTURAL EXPERIMENTAL STATION.</li> <li>TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL NITHE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVET PUBLISHED BIT USDA-SCS. IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.</li> <li>TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:</li> <li>TOPSOIL SHALL HOT BE A ANTUNE OF CONTRASTING MARYLAND AGRICULTURAL EXPERIMENTAL STATION.</li> <li>TOPSOIL SHALL HOT BE A ANTUNE OF CONTRASTING THE APPROVAL AUTHORTY. REGARDLESS, TOPSOIL SHALL HOT BE A ANTUNE OF CONTRASTING MARYLAND AGRICULTURAL EXPERIMENTAL STATION.</li></ul>	<ul> <li>JIL</li> <li>FOR SITES HAVING DISTURBED AREAS         <ul> <li>ON SOIL MEETING TOPSOIL SPECIFIC RESULTS DICTATING FERTILIZER ANI TO BRING THE SOIL INTO COMPLIA.</li> <li>A. PH FOR TOPSOIL SHALL BE BETTHE THE THE THE STED SOIL DEMONSTRATE 6.0, SUFFICIENT LIME SHALL BE THE PH TO 6.5 OR HIGHER.</li> <li>B. ORGANIC CONTENT OF TOPSOIL 1.5 PERCENT BY WEIGHT.</li> <li>C. IOPSOIL HAVING SOLUBLE SALT 500 PARTS PER MILLION SHALL D. NO SOD OR SEED SHALL BE PHAS BEEN TREATED WITH SOIL USED FOR WEED CONTROL UNT ELAPSED (14 DAYS MIN.) TO P PHYTO-TOXIC MATERIALS.</li> <li>NOTE: TOPSOIL SUBSTITUTES OR AMEN BY A QUALIFIED AGRONOMIST OR SOIL THE APPROPRIATE APPROVAL AUTHORINATURAL TOPSOIL.</li> <li>II. PLACE TOPSOIL (IF REQUIRED) AN SPECIFIED IN 20.0 VEGETATIVE STABILIZATION METHODS AT TOPSOIL APPLICATION.</li> <li>PLACE TOPSOIL ON THE AREAS TO BE TOT PRACTICES SUCH AS DIV STRUCTURES, EARTH DIKES, SLOPE TRAPS AND BASINS.</li> <li>II. GRADES ON THE AREAS TO BE TOT PREVIOUSLT ESTABLISHED, SHALL A HIGHER IN ELEVATION.</li> <li>III. TOPSOIL SHALL BE UNIFORMLY DIS AND LIGHTLY COMPACTED TO A MIL SPREADINC SHALL BE UNIFORMLY DIS AND LIGHTLY COMPACTED TO A MIL SPREADINC SHALL BE ORRECTED FORMED SODDING OR SEEDING CAN PROCEL ADDITIONAL SOIL PREPARATION AND IN THE SURFACE RESULTING FROM OPERATIONS SHALL BE CORRECTED FORMED SODDING OR SEEDING CAN PROCEL ADDITIONAL SOIL PREPARATION AND IN THE SURFACE RESULTING FROM OPERATIONS SHALL BE CORRECTED FURMATION OF DELPRESSIONS OR YER STED STOR SHALL NOT BE PLACED V IS IN A FROZEN OR MUDDY COND EXCESSIVELY WET OR IN A CONDIT DETRIMENT OF DERMANENT SEEDING TO PRESCRIBE AMENDMENT DISTURBED AREAS UNDER 5 ACRES FOLLOWING REQUIREMENTS:</li> <li>A. COMPOSTED SLUDGE MATERIAL FOL DEPARTMENT OF THE ENVIRONW B. COMPOCTED SLUDGE SHALL BE FORM, A PERSON OR PERSONS TIME OF ACQUISITION OF THE CONTON OF THE CONTON OF THE CONTON OF OTHED SLUDGE SHALL BE FORM, A PERSON OR PERSONS TIME</li></ul></li></ul>
	MULCHING: APPLY L-1/2 TO 2 TONS/ACKE (70 TO 90 IBS/1000 SQ. FT.) OF UNROTTED WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL. PER ACRE (5 GAL/1000 SO. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPE & FT. OR HIGHER, USE 34& GAL. FER ACRE (& GAL/1000 SQ. FT.) FO ANCHORING. REFER TO THE 1994 MAR4AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSIGN AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED. SEQUENCE OF CONSTRUCTION 1. OBTAIN GRADING PERMIT. 2. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AND PERMITS (410.313.1880) AT LEAST 24 HOURS BEFORE STARTING ANY WORK. 3. INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON PLAN AND IN ACCORDANCE WITH DETAILS. (5 DAYS) 4. INSPECT SEDIMENT CONTROL MEASURES FROM F-08-23 TO REMAIN PER SDP. REPAIR AS NEEDED. (1 DAY) 5. AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR TO PROCEED, ROUGH GRADE SITE. (2 WEEKS)	APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL II. PLACE TOPSOIL (IF REQURED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS. AT THE TIME OF PLANT INSTALLATION, ALL LISTED AND APPROVED ON THE LANDSCAP COMPLY WITH THE PROPER HEIGHT REQUIN ACCORDANCE WITH THE HOWARD COUNTY LIN ADDITION, NO SUBSTITUTIONS OR RELOO REQUIRED PLANTINGS MAY BE MADE WITH	ANTROGEN, 1.5 PERCENT PHOSI POTASSIUM AND HAVE A PH OT DOES NOT MEET THESE REQUINE CONSTITUENTS MUST BE ADDED FRICE TO USE. C. COMPOSTED SLUDGE SHALL BE 1 TON/1,000 SQUARE FEET. II. COMPOSTED SLUDGE SHALL BE A FERTILIZER APPLIED AT THE RATE AND 1/3 THE NORMAL LIME APPL SHRUBS AND TREES E PLAN, SHALL- REMENT IN ANDSCAPE MANUAL. CATIONS OF THE HOUT PRIOR REVIEW OF PLANNING AND VED LANDSCAPE LAN THE RELEASE OF LIME
	6. CONSTRUCT HOUSES. THE FIRST FLOOR ELEVATIONS CANNOT BE MORE THAN 1' HIGHER OR 0.2' LOWER THAN THE ELEVATIONS SHOWN ON THIS PLAN. (6 MONTHS)	THE OWNER, TENANT AND/OR THEIR AGENT: RESPONSIBLE FOR MAINTENANCE OF THE LANDSCAPING INCLUDING BOTH PLANT MA	REQUIRED

(2 DAYS) REMOVE ALL SEDIMENT CONTROL DEVICES. DURING GRADING AND AFTER EACH RAINFALL, CONTRACTOR WILL INSPECT

UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR,

AND PROVIDE NECESSARY MAINTENANCE TO THE SEDIMENT CONTROL MEASURES ON THIS PLAN. . FOLLOWING INITIAL SOIL DISTURBANCES OR REDISTURBANCE PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:

A. 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL B. 14 CALENDAR DAYS FOR ALL OTHER DISTURBED AREAS.

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.

DIVISION

12/23/10

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING UUUU 22210

Butte

DIVISION OF LAND-DEVELOPMENT

DEVELOPM

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. 12 83/10

FENCES AND WALLS. ALL PLANT MATERIALS SHALL BE

MAINTAINED IN GOOD GROWING CONDITION, AND WHEN

REPAIRED OR REPLACED.

NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE

OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY

MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY,

BE PROVIDED WITH THE GRADING PERMIT FOR LOT 15.

NO LANDSCAPING TO BE INSTALLED WITHIN ANY PUBLIC

EASEMENT FOR WATER, SEWER OR STORM DRAIN.

THERE ARE NO SPECIMEN TREE ON THIS SITE.

ANDSCAPE MAINTENANCE IS AUTHORIZED.

CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL

THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION

MANUAL, LANDSCAPE SURETY IN THE AMOUNT OF \$900.00 FOR

THE REQUIRED 2 SHADE TREES AND 2 EVERGREEN TREES WILL

THE LOCATION AND SPECIES FOR THE PERIMTER LANDSCAPE FOR

LOT 15 WILL BE PROVIDED ON THIS SITE DEVELOPMENT PLAN.

NO CLEARING OF EXISTING VEGETATION IS PERMITTED WITHIN THE

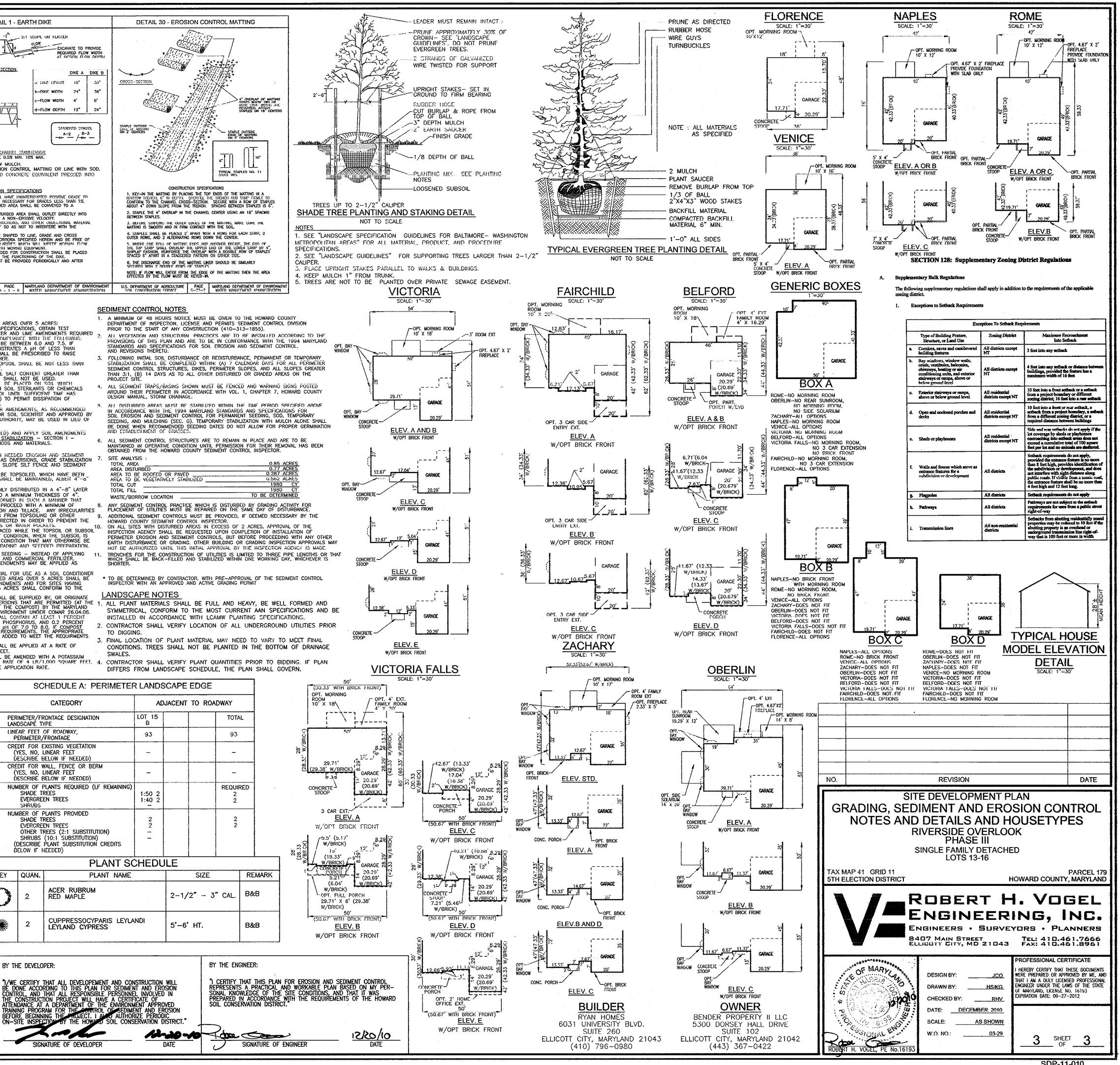
THERE ARE NO EXISTING POWER POLES ALONG THE FRONTAGE OF THE PROPERTY. NO PLANTING RESTRICTION REQUIRED.

LANDSCAPE EDGE FOR WITCH CREDIT IS TAKEN; HOWEVER,

KEY

12/20/10

16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE



SDP-11-010