## <u>LEGEND:</u>

(3)

367.67

SCE

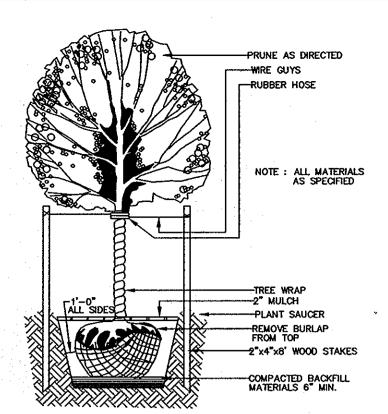
LOD

SSF

PERIMETER LANDSCAPING SHC INVERT AT PROPERTY LINE DENOTES PROPOSED PAVEMENT STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

SILT FENCE LIMITS OF DISTURBANCE



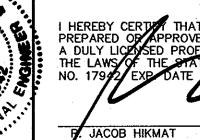
TYPICAL DECIDUOUS TREE PLANTING DETAIL NOT TO SCALE

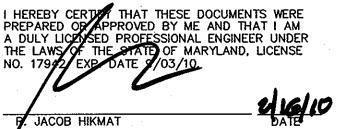
CATEGORY	ADJ TO ROADWAY	ADJACENT TO PER	METER PROPERTIES	TOTAL
LANDSCAPE TYPE	N/A	A (PERIMETER 1)	A (PERIMETER 2)	
LINEAR FEET OF PERIMETER	N/A	73.06 LF	98.56 LF	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	N/A	YES *	YES **	
NUMBER OF PLANTS REQUIRED SHADE TREES EVERGREEN TREES SHRUBS	0 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	1 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	2 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	3 SHADE TREES 0 EVERGREEN TH 0 SHRUBS
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION)		O EVERGREEN TREES O EVERGREEN TREES O EVERGREEN TREES O E O SUBSTITUTION TREES O SUBSTITUTION TREES O SUBSTITUTION TREES O SU		1 SHADE TREES 0 EVERGREEN TR 0 SUBSTITUTION TO 0 SHRUBS
* CREDIT FOR EXISTING 6" TULIP ** CREDIT FOR EXISTING 3-1/2"	TULIP POLAR, EXISTING (	Cluster of (3) 9" red	MAPLES & EXISTING 15"	
QUANTITY SYMBOL BOTAN	ICAL NAME	<u>MENT PLANT</u> <u>COMMON NAME</u>	SIZE	
1 ACER	RUBRUM "RED SUNSET"	RED SUNSET RED MAP	LE 2 1/2" - 3" C	AL.
<b>1451,289</b>				
		and a second		
		n en		
	· · ·			
				· · · ·
DEVELOPER	10			•
BURKARD HOMES, L 300 DORSEY HALL DRIVE, S	SUITE 202			
ELLICOTT CITY, MD 21 (240)375-1052	042			
OWNER				
JAMES ALLEN SIMPS KIMBERLY ANN SIMPS				
6410 ABEL STREE	F			
ELKRIDGE, MD 2107	<u> </u>			
AT ALL DEVELOPMENT AND CONSTRUCTION W TO THIS PLAN, AND THAT ANY RESPONSIBLE				
THE CONSTRUCTION PROJECT WILL HAVE A C THE CONSTRUCTION PROJECT WILL HAVE A C AT A DEPARTMENT OF THE ENVIRONMENT AND OGRAM FOR THE CONTROL OF SEDIMENT AND	ERTIFICATE OF PROVED			
HE PROJECT. I ALSO AUTHORIZE PERIODIC O URAL RESOURCE CONSERVATION SERVICE.				
9 CM	- / m.k.			
OF DEVELOPER	DATE			•
ME OF DEVELOPER			••	•
ENGINEER'S CERTIFICATE		· .		
HAT THIS DEAN FOR EROSION AND SEDUMENT L AND WARKABLE PLAN ASED ON MY PERSO INDITIONS AND THAT IT MAS PREPARED IN AC TS OF THE NATURAL DESOURCE CONSERVATIO	NAL KNOWEDGE OF CORDANCE WITH THE			
IS OF THE NATURAL ESOURCE CONSERVATIO				
	aliet			
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OF ENGINEER	<b>7/6//0</b> DATE	2 general fragministration of a standard state		

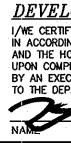
2/2-2/10

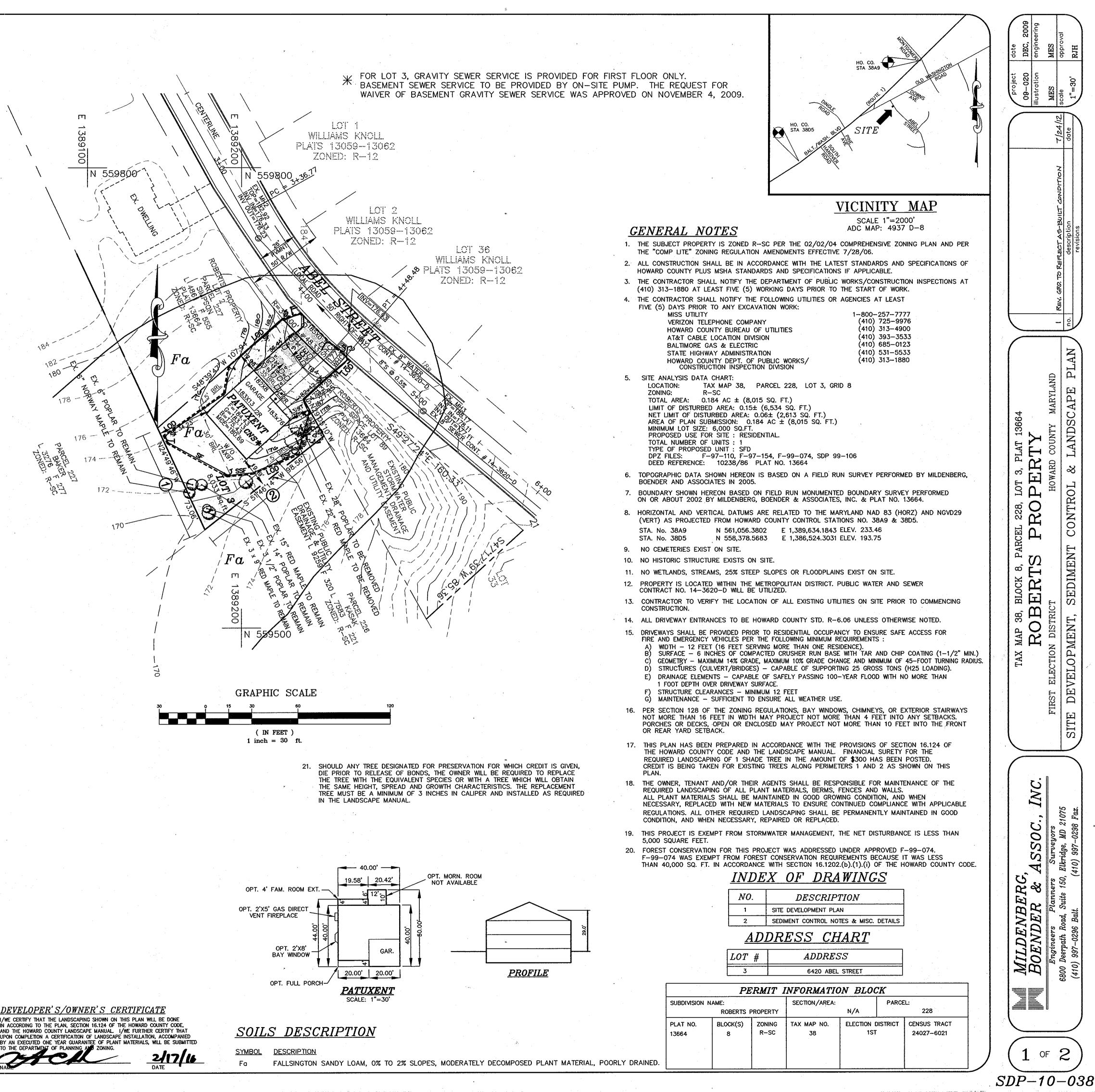
DEPARTMENT OF PLANNING AND ZONING

PPROVED:





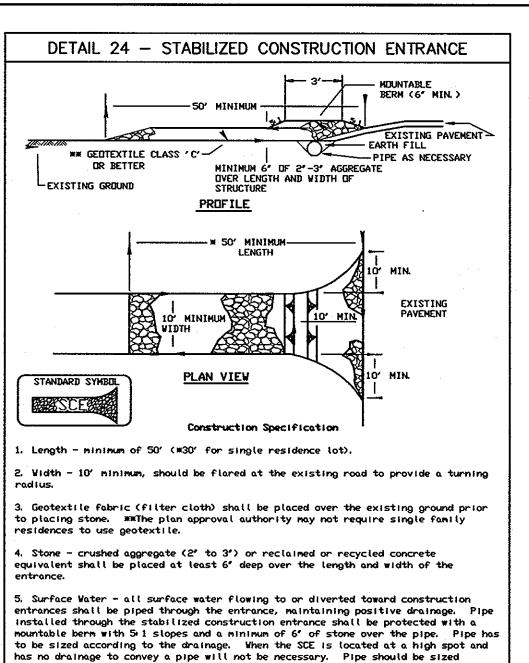




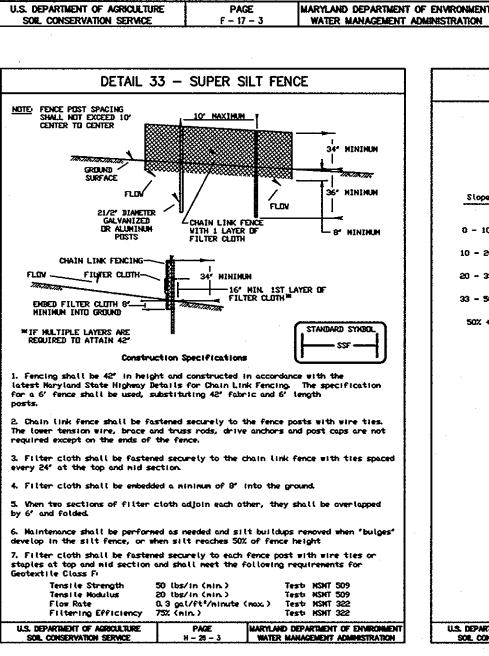
HOWARD SOIL CONSERVATION DISTRICT <u>PERMANENT SEEDING NOTES</u> APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-	STANDARD AND SPECIFICATIONS DEFINITION PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLE PURPOSE
LIVED VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING , DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.	TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS LOW NUTRIENT LEVELS, LOW $_{\rm PH}$ , materials toxic to plants, and/or
SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:	CONDITIONS WHERE PRACTICE APPLIES
HARROW OR DISK INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.). 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE	g. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT
SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER	<ul> <li>b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS N OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTF</li> <li>c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC 1</li> </ul>
Anonomed Siman molech and seed as soon as possible in the spring. Option (2) - use soo. Option (3) -	<ul> <li>d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT I</li> <li>I. FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABIL</li> </ul>
SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONE/ACRE WELL ANCHORED STRAW. MULCHING — APPLY 1—1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR	THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON CONSTRUCTION AND MATERIAL SPECIFIC
218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, 1 JSE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING. MAINTENANCE — INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.	. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED FORTH IN THESE SPECIFICATION. TYPICALLY, THE DEPTH OF TOPSOIL 7 TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION II USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENT
TEMPORARY SEEDING NOTES PPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.	<ul> <li>I. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET</li> <li>i. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOA OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIS</li> </ul>
SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS SEFORE SEEDING, FOR NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)	BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOP TRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER
EEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 USHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 35. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU NOVEMBER	<ul> <li>IDPREDIMENTIAL SET FREE OF PLANTS OR PLANT PARTS SUCH AS I SON GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SF</li> <li>WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF</li> </ul>
B, PROTECT SITE BY APPLYING 2 TONS PER ACRÉ OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE THE SPRING, OR USE SOD. ULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED WEED FREE SMALL GRAIN	BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUND THE PLACEMENT OF TOPSOIL LIME SHALL BE DISTRIBUTED UNIF WORKED INTO THE SOL IN CONJUNCTION WITH TILLAGE OPERATIO PROCEDURES.
TRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING	II. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES: I. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS
EFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND EDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.	STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHO IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES: I. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST R
<u>CANDARD SEDIMENT CONTROL NOTES</u> A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF MAY CONSTRUCTION, (313-1855).	a. pH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. LESS THAN 6.0, SUFFICIENT LIME SHALL BE PERSCRIBE
ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT	<ul> <li>b. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS TH</li> <li>c. TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER TH</li> </ul>
CONTROL", AND REVISIONS THERETO. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION	d. NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH H CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIEN DISSIPATION OF PHYTO-TOXIC MATERIALS.
SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.	NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMEND SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUT
ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.	TOPSOLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMEN <u>STABILIZATION</u> - SECTION I - VEGETATIVE STABILIZATION M V. TOPSOIL APPLLICATION
ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC.52). TEMPORARY STABILIZATION WITH	i. WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMEN GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE S
MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES. « ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN	<ul> <li>II. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BE MAINTAINED, ALBEIT 4" - 8" HIGHER IN ELEVATION.</li> <li>III. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" TO 8"</li> </ul>
OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.	THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN S PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATION FORMATION OF DEPRESSIONS OR WATER POCKETS.
SITE ANALYSIS:       0.18       ACRES         TOTAL AREA OF SITE:       0.15       ACRES         AREA DISTURBED:       0.15       ACRES         AREA TO BE ROOFED OR PAVED:       0.06       ACRES         AREA TO BE VEGITATIVELY STABILIZED:       0.09       ACRES	IV. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SU THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT GRADING AND SEEDBED PREPARATION.
TOTAL CUT: CU. YDS. TOTAL FILL: 300 CU. YDS. TOTAL WASTE/BORROW AREA LOCATION:N/A	<ul> <li>VI. ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APP</li> <li>i. COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDIT</li> </ul>
THESE QUANTITIES ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR IS REQUIRED TO PROVIDE HIS OWN QUANTITY MEASUREMENTS. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF	5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AN ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS: a. COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGIN PERMITTED (AT THE TIME OF ACQUISITION OF THE COM
UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.	ENVIRONMENT UNDER COMAR 26.04.06. b. COMPOSTED SLUDGE SHALL CONTAIN AT LEASE 1 PERC PERCENT POTASSIUM AND HAVE A Ph OF 7.0 TO 8.0.
ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER	THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO c. COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF
BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN	IV. COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUN SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RA REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND S
BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.	extension service, university of maryland and virginia polyt <u>TEMPORARY DUST CONTR</u>
OWNERDEVELOPERJAMES ALLEN SIMPSONBURKARD HOMES, LLC	<ol> <li>MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION CRIMPED OR TACKED TO PREVENT BLOWING.</li> <li>VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEG</li> </ol>
IMBERLY ANN SIMPSON5300 DORSEY HALL DRIVE, SUITE 2026410 ABEL STREETELLICOTT CITY, MD 21042ELKRIDGE, MD 21075(240)375-1052	3. TILLAGE - TO ROUGHTN SURFACE AND BRING CLODS TO TH MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING START SITE. CHISEL-TYPE PLOWS APCED ABOUT 12" APART, SPRING-
	ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRE 4. IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. AT
DEVELOPERS CERTIFICATE RTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE RDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL	TO THE POINT THAT RUNOFF BEGINS TO FLOW. 5. BARRIERS - SOLID BOARD FENCES, SILT FENCES, SNOW FEN SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AN
VED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF IDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED ING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE INING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION	RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALT OF ABO CONTROLLING SOIL BLOWING. 6. CALCIUM CHLORIDE - APPLY AT RATES THAT WILL KEEP SU
HE NATURAL RESOURCE CONSERVATION SERVICE.	0. CALGOW CHECKIDE - AFFET AT RATES THAT THEE REEF SO
AATURE OF DEVELOPER DATE	
NTED NAME OF DEVELOPER ENGINEER'S CERTIFICATE	SEQUENCE OF CONSTR
ERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS RACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWEDGE OF SITE CONDITIONS AND TAAT IT WAS PREPARED IN ACCORDANCE WITH THE UIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.	1. OBTAIN GRADING PERMIT (1 DAY) 2. CONSTRUCT SILT FENCES (1 DAY)
UIREMENTS OF THE WATURAL RESOURCE CONSERVATION SERVICE.	3. CONSTRUCT SITE TO GRADES INDICATED FROM INSPECTOR BEFORE PROCEEDING
ATURE OF ENGINEER	<ol> <li>CONSTRUCT HOUSE (60 - 120 DAYS)</li> <li>COMPLETE FINE GRADING OF SITE TO GRADING OF SITE T</li></ol>
JACOB HIKMAT TED NAME OF ENGINEER	<ol> <li>SEED AND MULCH ALL REMAINING DISTURN</li> <li>WHEN ALL CONTRIBUTING DRAINAGE ARE</li> </ol>
ESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD DIL CONSERVATION DISTRICT AND MEETSTHEEINNIGHE QUIREMENTS.	DEVICES HAVE BEEN STABILIZED, AND W SEDIMENT CONTROL INSPECTOR, REMOVE DEVICES AND STABILIZE REMAINING DIST
W.	
DA NATURAL RESOURCE CONSERVATION SERVICE DATE	
HIS DEVELOPMENT PLAN IS APPROVED FOR SOIL ROSION AND SEDIMENT CONTROL BY THE HOWARD OIL CONSERVATION DISTRICT.	
WARD SOIL CONSERVATION DISTRICT	
ROVED: DEPARTMENT OF PLANNING AND ZONING	
EF, DEVELOPMENT ENGINEERING DIVISION	EBY CERTIFY THAT THESE DOCUMENTS WERE ARED OR APPROVED BY ME AND THAT I AM LY LICENSED PROFESSIONAL ENGINEER UNDER
Kat Shalisher 3/09/10 EF, DIVISION OF LAND DEVELOPMENT MALE DATE	AWS OF THE STATE OF MARYLAND, LICENSE 7942, EXP. DATE 9/07/10.
mmas & Sutter 3/10/10 DATE	ACOP HIKMAT PILEII.

ОАСОВ НІКМАТ

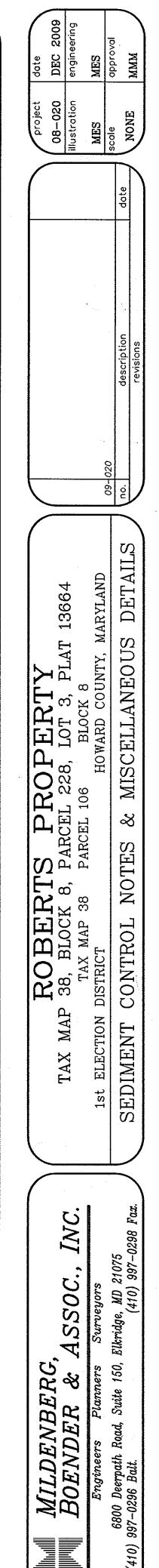
## FOR TOPSOIL DETAIL 22 - SILT FENCE JSHMENT OF PERMANENT VEGETATION. - 36" MINIMUM LENGTH FENCE POST, DRIVEN A MINIMUM OF 16" INTO GROUND O' MAXIMUM CENTER TO S OF CONCERN HAVE LOW MOISTURE CONTENT, R UNACCEPTABLE SOIL GRADATION. -16" MINIMUM HEIGHT DF GEDTEXTILE CLASS WHERE: 8 MINIMUM DEPTH IN GROUND ADEQUATE TO PRODUCE VEGETATIVE NOT DEEP ENOUGH TO SUPPORT PLANTS FLOW RIENTS. FLOV TO PLANT GROWTH. 36" MINIMUM FENCE PERSPECTIVE VIEW .**h**≻— POST LENGTH FEASIBLE. FILTER CLOTH-HAVING SLOPES STEEPER THAN 2:1 - FENCE POST SECTION MINIMUM 20" ABOVE JZATION. AREAS HAVING SLOPES STEEPER FLOV Y THE PLANS. GROUND TIK TIK TIK TIK TIK TIK TIK TIK UNDISTURBED ATIONS KINETIKI KINETIK EMBED GEDTEXTILE CLASS F -THAT IT MEETS THE STANDARDS AS SET TO BE SALVAGED FOR A GIVEN SOIL A MINIMUM DF 8' VERTICALLY TOP VIEW FENCE POST DRIVEN A MINIMUM OF 16" INTO N THE SOIL SURVEY PUBLISHED BY POSTS-\_\_\_THE GROUND NTAL STATION. CROSS SECTION SECTION B T THE FOLLOWING: SECTION A STAPLE AM, SANDY CLAY LOAM, LOAMY SAND. STANDARD SYMBOL ST OR SOIL SCIENTIST AND APPROVED PSOIL SHALL NOT BE A MIXTURE OF CON-STAPLE/ \_\_\_\_\_SF \_\_\_\_\_ N 5% BY VOLUME OF CINDERS, STONES, SLAG, ER MATERIALS LARGER THAN 1 1/2" IN JUINING TWO ADJACENT SILT FENCE SECTIONS Construction Specifications BERMUDA GRASS, QUACKGRASS, JOHNSON-1. Fence posts shall be a minimum of 36' long driven 16' minimum into the ground. Wood posts shall be $11/2' \times 11/2'$ square (minimum) cut, or 13/4' diameter F HEAVY CLAYS, GROUND LIMESTONE SHALL NDS PER 1,000 SQUARE FEET) PRIOR TO (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot. ORMLY OVER DESIGNATED AREAS AND ons as described in the following 2. Geotextile 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 AS SPECIFIED IN <u>20.0 VEGETATIVE</u> IODS AND MATERIALS. Testi MSMT 509 Tensile Strength 50 lbs/in (min.) Test MSMT 509 20 lbs/in (min.) Tensile Modulus 0.3 gal ft<sup>\*</sup>/ minute (max.) Test: MSMT 322 Flow Rate Test MSMT 322 Filtering Efficiency 75% (min.) RESULTS DICTATING FERTILIZER AND LIME NCE WITH THE FOLLOWING: 3. Where ends of geotextile fabric come together, they shall be overlapped, THE TESTED SOIL DEMONSTRATES A pH OF folded and stapled to prevent sediment bypass. ED TO RAISE THE PH TO 6.5 OR HIGHER. 4. Silt Fence shall be inspected after each rainfall event and maintained when HAN 1.5 PERCENT BY WEIGHT. bulges occur or when sediment accumulation reached 50% of the fabric height. AN 500 PARTS PER MILLION SHALL NOT BE USED. PAGE MARYLAND DEPARTMENT OF ENVIRONMENT E - 15 - 3 WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE has been treated with soil sterilants or int time has elapsed (14 days min.) to permit SOIL CONSERVATION SERVICE SILT FENCE ded by a qualified agronomist or soil Thority, may be used in Lieu of Natural NTS AS SPECIFIED IN <u>20.0 VEGETATIVE</u> METHODS AND MATERIALS. Silt Fence Design Criteria IT CONTROL PRACTICES SUCH AS DIVERSIONS, (Maximum) (Maximum) -ALT FENCE AND SEDIMENT TRAPS AND BASINS. Slope Length Silt Fence Length Slope Steepness EEN PREVIOUSLY ESTABLISHED, SHALL BE Flatter than 50 • unlimited unlimited 1.00 \$ LAYER AND LIGHTLY COMPACTED TO A MINIMUM 125 feet 50:1 to 10:1 1,000 feet SUCH A MANNER THAT SODDING OR SEEDING CAN ON AND TILLAGE. ANY IRREGULARITIES IN THE 100 feet 750 feet 10:1 to 5:1 ONS SHALL BE CORRECTED IN ORDER TO PREVENT THE 60 feet 541 to 341 500 feet UBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN AT MAY OTHERWISE BE DETRIMENTAL TO PROPER 40 feet 250 feet 311 to 21 20 feet 125 feet 2 1 and steeper g the full amounts of lime and commercial plied as specified below: Note: In areas of less than 2% slope and sandy soils (USDA general classification ONER FOR SITES HAVING DISTURBED AREAS OVER system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control ID FOR SITES HAVING AREAS UNDER 5 required. NATE FROM, A PERSON OR PERSONS WHO ARE POST) BY THE MARYLAND DEPARTMENT OF THE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT E = 15 - 3A WATER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE ENT NITROGEN, 1.5 PERCENT PHOSPHOURUS, AND 0.2 F COMPOST DOES NOT MEET THESE REQUIREMENTS, MEET THE REQUIREMENTS PRIOR TO USE. 1 TON/1,000 SQUARE FEET. FERTILUZER APPLIED AT THE RATE OF 4 LB/1,000 SODDING. MD-VA, PUB. #1, COOPERATIVE ECHNIC INSTITUTES. REVISED 1973. OL MEASURES WITH MULCHES ONLY. MULCH SHOULD BE GETATIVE COVER. SURFACE. THIS IS AN EMERGENCY S. BEGIN PLOWING ON WINDWARD SIDE OF OOTHED HARROWS, AND SIMILAR PLOWS D EFFECT. ( TREATMENT. SITE IS SPRINKLED WITH IT NO TIME SHOULD THE SITE BE IRRIGATED NCES, BURLAP FENCES, STRAW BALES, AND ND SOIL BLOWING. BARRIERS PLACED AT DUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN IRFACE MOIST. MAY NEED RETREATMENT. UCTION • 1 WITH PERMISSION (3 DAYS).RADES INDICATED (2 DAYS). JRBED AREAS (1 DAY). EAS TO SEDIMENT CONTROL WITH PERMISSION OF SEDIMENT CONTROL URBED AREAS (ONE DAY).



according to the amount of runoff to be conveyed. A 6" minimum will be required. 6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.



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	SUF	ER SILT FEI	NCE				
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Besign Criteria							
Slope	Stope Steepness	Stope Leng Creatinum					
0 - 102	0 - 10 1	Unlinite	rd Untinited				
10 - 20%	10-1 - 5-1	200 fee	t 1,500 feet				
20 - 33%	5-1 - 3-1	100 fee	t 1,000 feet				
33 - 50X	31-21	100 fee	t 500 feet				
50% +	21+	50 feet	t 250 feet				
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U.S. DEPARTMENT OF SOIL CONSERVATIO		PAGE H - 26 - 34	MARYLAND DEPARTMENT OF ENVIRONME WATER MANAGEMENT ADMINISTRATIO				



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