

- SPRING AND FALL. THIS INSPECTION WILL INCLUDE REMOVA TREATMENT, TREATMENT OF ALL DISEASED TREES AND SHRU
- MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY :

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NHE AS DIRECTED			. 8	date FEB. 2016 engineering MMM/MMT approval MMM
BBER HOSE	×			date FEB. engine MMM/ appro
ote : All materials as specified		SITE SITE	12 1	project 15–013 illustration kMT scale scale 1"=30'
REE WRAP MULCH		The second of th	×	
LANT SAUCER EMOVE BURLAP KOM TOP K4*X8' WOOD STAKES			43 1	date
NTING DETAI	Ľ			
	_		n Sign namb	
2. *		SCALE: 1"-2000' ADC MAP 35, GRID B-1	8 200	tion
		ADC MAP 35, GRID B-1 ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.		description
	2.	SITE ANALYSIS DATA: LOCATION: TAX MAP : 37, GRID 5, PARCEL: 397	11 11 11	
		ELECTION DISTRICT : FIRST ZONING: R-20 TOTAL AREA: 0.459 AC. \pm LIMIT OF DISTURBED AREA: 17,500 SQ.FT. OR 0.40 AC. \pm		
		PROPOSED USE FOR SITE : RESIDENTIAL. TOTAL NUMBER OF UNITS : 1 TYPE OF PROPOSED UNIT : SFD DPZ FILE NOS: WP-12-186, ECP-14-026, F-14-133, WP-15-104		
	3.	DEED: L.13997 F.68 ON-SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY CONDUCTED BY SILL, ADCOCK & ASSOCIATES ON OR ABOUT DECEMBER 2013 AND VERIFIED BY MILDENBERG,	14. 1	
	4.	BOENDER & ASSOCIATES. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS.	ہے ہے۔	
		3111 AND 37 CA WERE USED FOR THIS PROJECT. STA. No. 3111 N 565,004.73252 E 1,381,586.8997 EL. 305.94	ιγ ¹ υτά	QN
		STA. NO. 37CA N 564,321.6873 E 1,382,742.8184 EL. 256.87 NO STEEP SLOPES OR FLOODPLAINS EXIST ON SITE.		ARYLAND
	6. 7.	BASED ON AVAILABLE COUNTY DATA, NO HISTORIC STRUCTURES OR BURIAL GROUNDS EXIST ON SITE. a. SUBJECT PROPERTY ZONED R-20 RESIDENTIAL PER THE 10/06/13 COMPREHENSIVE ZONING PLAN.		a de la come M
		b. IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR 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 OR REAR YARD SETBACK.		UNTY
•		c. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES	AL.	T 2 397 D CO
/		PER THE FOLLOWING MINIMUM REQUIREMENTS: – WIDTH – 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE). – SURFACE – 6 INCHES OF COMPACTED CRUSHER RUN BASE		Y, LOT FACHED ARCEL 39 HOWARD F PLAN
		WITH TAR AND CHIP COATING (1-1/2 INCH MINIMUM). - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.		RTY, DETAC , PARC HC ENT P
		 STRUCTURES (CULVERT/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS 9H25 LOADING; DRAINAGE ELEMENTS-CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 		PE 96
	•	1 FOOT DEPTH OVER DRIVEWAY SURFACE. - MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.	ಸ್ನೇ ಇಂಗಿಗೆ	PRO: AMIL GRID FELOF
		PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER WILL BE UTILIZED UNDER CONTRACT # 14-3120-D. EXISTING UTILITIES ARE BASED ON EXISTING WATER AND SEWER CONTRACTS.		FT P E FA 37, G DEVE
\ <u></u>		SEWER HOUSE CONNECTION ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE OR EASEMENT LINE. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST 48 HOURS PRIOR TO		
JOHN		EXCAVATION WORK BEING DONE. MISS UTILITY 800–257–7777 VERIZON TELEPHONE COMPANY (410) 725–9976		AR' S RICT RICT S
100ALVEL		HOWARD COUNTY BUREAU OF UTILITIES(410) 313-4900AT&T CABLE LOCATION DIVISION(410) 393-3533BALTIMORE GAS & ELECTRIC(410) 685-0123	64 	DIST
ACAPE OF HERE	12.	STATE HIGHWAY ADMINISTRATION (410) 531-5533 THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION		ELECTION
	13.	INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR OT THE START OF WORK. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY IN THE AMOUNT OF \$1,200.00 FOR		ELEC
	14	4 SHADE TREES WILL BE POSTED WITH THE GRADING PERMIT APPLICATION. . THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF	2	FIRST
to MITER	١.	THE REQUIRED LANDSCAPING, INCLUDING BOTH PLANT MATERIALS AND BERMS, FENCES, AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY		E
ER CONTRACT	15	MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED. . AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE	···	
		WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR RELOCATION OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE		\frown
1		PLAN MAY RESULT IN DENIAL OR DELAY IN THE RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.		,C
S'S' OAKS	16. \	STORMWATER MANAGEMENT IS PROVIDED VIA MICRO-BIORETENTION FACILITIES (M-6), APPROVED UNDER $F-14-133$. ALL SWM PRACTICES ARE PRIVATELY OWNED AND MAINTAINED.		VI VI
		FOREST STAND DELINEATION FOR THIS PROJECT WAS COMPLETED BY ECO-SCIENCE PROFESSIONALS UNDER F-14-133. A 40" OAK (SPECIMEN TREE) EXISTS ON-SITE WHICH WILL REMAIN.		OC., yors 1044 298 Fax.
	18.	THIS PROJECT IS EXEMPT FROM THE HOWARD COUNTY FOREST CONSERVATION REQUIREMENT UNDER SECTION 16.1202(b)1(i) FOR THE HOWARD COUNTY CODE DUE TO THE LOT BEING UNDER 40,000 SQUARE FEET.		SSC wrvey MD-21 97-029
		NO TRAFFIC STUDY IS REQUIRED FOR THIS PROJECT.		7 , A , <i>A</i> , <i>imbia</i> , <i>t10</i> , 9
DULE	21	UNDER F-14-133. . THERE ARE NO EXISTING STRUCTURES ON LOT 2.		BERC R & Planners rive, Colu
AND OIL IS ANY ANT		THIS PLAN IS SUBJECT TO WAIVER PETITION WP-15-104, WAIVING SECTION 16.199(f)(1) AND SECTION 16.134(c) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS TO EXEMPT THIS PROJECT FROM SIDEWALK REQUIREMENTS AND ALLOW CONTINUED ACCESS TO LOT 1 FROM MONTGOMERY ROAD. THE WAIVER PETITION WAS APPROVED ON FEBRUARY 25, 2015.		
RIAL NL IS DESIGN		OPEN SPACE REQUIREMENTS FOR THIS PROJECT WAS PROVIDED BY A PAYMENT OF FEE-IN-LIEU UNDER F-14-133. THIS PROJECT IS NOT SUBJECT TO MINUL FEE-IN-LIEU FOR LOT 2 AS DETERMINED LINDER F-14-133.	ан 1,81	E <i>D</i> 997 997
AL'OF	∠4.	THIS PROJECT IS NOT SUBJECT TO MIHU FEE-IN-LIEU FOR LOT 2 AS DETERMINED UNDER F-14-133. NO FEE-IN-LIEU IS REQUIRED DUE TO THE DETERMINATION THAT THE PROPERTY PRESENTLY EXISTS AS TWO PARCELS IN THE EXISTING RECORDED DEED AND THAT NO NEW LOTS ARE BEING ESTABLISHED. THIS SUBDIVISION IS ATTEMPTING TO IMPROVE THE LOT SIZE NON-COMPLIANCE, THE MIHU FEE IS THEREFORE NOT APPLICABLE TO THIS SUBDIVISION		$BO_{(410)}^{En}$
UBS		. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE. . FOR DRIVEWAY ENTRANCE DETAILS REFER TO THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV,	к. 88 1	
2 TO 3		STANDARD DETAIL. THIS PROJECT IS SUBJECT TO WAIVER PETITION WP-12-186 TO WAIVE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, TO SEPARATE LOT 1 AND 2 INTO THEIR OWN PARCELS, WAS		
, WITH A		AND LAND DEVELOPMENT REGULATIONS, TO SEPARATE LOT T AND 2 INTO THEIR OWN PARCELS, WAS DENIED ON AUGUST 21, 2012. A RECONSIDERATION OF WP-12-186 WAS DENIED ON SEPTEMBER 26, 2012.		1 OF 2
				SDP-16-033
•				<i>いルビー10-033</i>

(B-4-2) STANDARDS AND SPECIFICATIO	NS (a f	(B-4-3) STANDARDS AND SPECIFICATIO FOR SEEDING AND MULCHING	NS
FOR SOIL PREPARATION, TOPSOILING, AND SOIL A	MENDMENTS	DEFINITION THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIV	VE COVER.
PROCESS OF PREPARING THE SOILS TO SUSTAIN ADEQUATE VEGETATIVE STABIL POSE PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH.	JZATION.	PURPOSE TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT T CONDITIONS WHERE PRACTICE APPLIES	THE END OF C
ITIONS WHERE PRACTICE APPLIES E VEGETATIVE STABILIZATION IS TO BE ESTABLISHED.		TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND A	INY DISTURBEI
A PREPARATION ORARY_STABILIZATION		A. SEEDING 1. SPECIFICATIONS a. ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND) STATE SEED
PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO S AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARRO MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSEN	ows or chisel plows or	TO RE-TESTING BY A RECOGNIZED SEED LABORATORY, ALL S MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE	SEED USED MU H MATERIAL O
GGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 (D WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS.		VERIFY TYPE OF SEED AND SEEDING RATE. b. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPF	RING SEEDING
ATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY MEANS.	Y DISKING OR OTHER	FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLI C. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR	THE SEED MI THE SPECIES.
<u>STABILIZATION</u> EST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MO NS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:	RE. THE MINIMUM SOIL	LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD F USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDI INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURE	ING. NOTE: IT ES ABOVE 75
H BETWEEN 6.0 AND 7.0. LE SALTS LESS THAN 500 PARTS PER MILLI <mark>ON (PPM).</mark> XONTAINS LESS THAN 40 PERCENT CLAY BU T ENOUGH FINE GRAINED M	IATERIAL (GREATER THAN 30	WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIV d. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BE CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME	EN TREATED V
NT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATI TION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THA WOULD BE ACCEPTABLE.	E AMOUNT OF MOISTURE. AN	DISSIPATION OF PHYTO-TOXIC MATERIALS. 2. APPLICATION	
ONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT. ONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETR NON OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO	RATION. NOT MEET THE ABOVE	 a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP (I. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRE PERMANENT SEEDING TABLE B.3, OR SITE-SPECIFIC SEEDING 	SCRIBED ON 1
NS. AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIF ARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES.	TED ON THE APPROVED PLAN,	II. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH EACH DIRECTION. ROLL THE SEEDED AREA WITH A WEIGHTE CONTACT.	I OTHER. APP ID ROLLER TO
XIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDIG T. AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR	OTHER SUITABLE MEANS.	 DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THA I. CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTI 	IN SUCH A F
AWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGIN EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL M ATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEA	NG WITH A HEAVY CHAIN OR NOT PERMIT NORMAL SEEDBED	II. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH EACH DIRECTION.	
AR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF T INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE UN SED AREAS.	THE SLOPE. LEAVE THE TOP	c. HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL 	THE APPLIC
IG IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PL	ERMANENT VEGETATION. THE	200 POUNDS PER ACRE; K20 (POTASSIUM), 200 POUNDS F II. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP 1	PER ACRE. TO 3 TONS PE
SE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. RE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PL/ RADATION.	SOILS OF CONCERN HAVE LOW	HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE TIME. DO NOT USE BURNT OR HYDRATED LIME WHEN HYDR III. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY	ROSEEDING.
. SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS N THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE S	ALVAGED FOR A GIVEN SOIL	IV. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO TH B. MULCHING	
AN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE S IRCS. LING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:	5. A. 1	1. MULCH MATERIALS (IN ORDER OF PREFERENCE) a. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS	SPECIFIED IN
TURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE L MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP EI		MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. N AREAS WHERE ONE SPECIES OF GRASS IS DESIRED. b. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPEC	IOTE: USE ON
RNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS. RIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT G DIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.		PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE. I. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF	N THE PACKA
S HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION . OIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLL		II. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OF III. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCES CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPEN	r growth ini SSED in Such
NL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLA SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SO PPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE (CIENTIST AND APPROVED BY OF CONTRASTING TEXTURED	BLEND WITH SEED, FERTILIZER AND OTHER ADDITIVES TO FO MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON AND PERCOLATION PROPERTIES AND MUST COVER AND HOL	ORM A HOMO N APPLICATIO
ILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS IENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER IL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERI	THAN 1½ INCHES IN DIAMETER. MUDA GRASS, QUACK	WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS IV. WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOU BE PHYTO-TOXIC.	S
JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS S SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AN ST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY	GRONOMIST OR SOIL	V. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIN APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY	Y 1 MILLIMETE
APPLICATION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APP	PLYING TOPSOIL.	ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLD 2. APPLICATION	
MLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPA ESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNE G CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AN	ACT TO A MINIMUM TR THAT SODDING OR	 a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH 	D AREAS AT
ILARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPEN CTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATE IL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN (RATIONS MUST BE ER POCKETS. OR MUDDY CONDITION, WHEN	SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING APPLICATION RATE TO 2.5 TONS PER ACRE. c. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED	
BSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE I G AND SEEDBED PREPARATION. NDMENTS (FERTILIZER AND LIME SPECIFICATIONS)	BE DETRIMENTAL TO PROPER	ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO AT OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER. 3. ANCHORING	TAIN A MIXTU
TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPE AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MO RMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL S	ORE. SOIL ANALYSIS MAY BE	a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APP OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING UPON THE SIZE OF THE AREA AND EROSION HAZARD:	
EERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES. JZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE	FOR ACCURATE APPLICATION	I. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEME INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PR	RACTICE IS MO
ROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER V RIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO NING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE NA	THE SITE FULLY LABELED	THIS PRACTICE SHOULD FOLLOW THE CONTOUR. II. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING ST WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLUI	RAW. APPLY
ANTY OF THE PRODUCER. MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MA HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES	CALCIUM OXIDE PLUS	50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS III. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), TACK AR OR OTHER APPROVED EQUAL MAY BE USED. FOL	OF WATER.
NESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT A 5 THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THE AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED IN	ROUGH A #20 MESH SIEVE.	MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS T CATCHES MULCH. SUCH AS IN VALLEYS AND ON CRESTS O	O BE HEAVIE
BY DISKING OR OTHER SUITABLE MEANS. E THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAY:	S. SPREAD GROUND LIMESTONE	IV. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN RO FEET LONG.	
THE RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE CEMENT OF TOPSOIL.	FEET) PRIOR TO THE		n de la constance de la constan La constance de la constance de
	STANDARD SEI	DIMENT CONTROL NOTES	4
DEVELOPERS CERTIFICATE	1) A MINIMUM OF 48 PUBLIC WORKS, CO	B HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT DISTRUCTION INSPECTION DIVISION (CID) PRIOR TO THE START OF ANY	OF
TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL N THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF E AT A DEPARTMENT OF THE ENVIRONMENT APPROVED ROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE	THIS PLAN AND A	ND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE RE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STAN	
THE PROJECT. HOWARD SOIL CONSERVATION DISTRICT IS AUTHORIZED IC ON-SITE INSPECTION.	3) FOLLOWING INITIAL SHALL BE COMPLE		
ht and and	AND ALL SLO B) 7 DAYS AS	DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PE PES GREATER THAN 3:1, TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.	
DATE	4) ALL DISTURBED AF WITH THE 2011 M FOR PERMANENT	REAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIA SEEDING (SEC.B-4-5), TEMPORARY SEEDING (SEC. B-4-4) AND MULCHI	MENT CONTRO NG (SDC.B-4
NAME OF DEVELOPER	TEMPORARY STAB SEEDING DATES D 5) ALL SEDIMENT COI	LIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED D NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASS NTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAIN	ses. Ned in
ENGINEER'S CERTIFICATE	OPERATIVE CONDI COUNTY SEDIMENT 6) SITE ANALYSIS:	NON UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM CONTROL INSPECTOR.	
THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS CAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF CONDTIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE	TOTAL AREA O AREA DISTURBE AREA TO BE R	D:0.40 ACRES 00FED OR PAVED:0.10 ACRES	÷
TS OF THE HOWARD SOIL CONSERVATION DISTRICT.	AREA TO BE V TOTAL CUT: TOTAL FILL:	EGITATIVELY STABILIZED: 0.30 ACRES 400 CU. YDS. 400 CU. YDS.	
21	OFFSITEWASTE/ 7) ANY SEDIMENT CO	BORROW AREA LOCATION:	MENT OF
2/23/16 DATE	UTILITIES MUST BE 8) ADDITIONAL SEDIMI	REPAIRED ON THE SAME DAY OF DISTURBANCE. INT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWA	1
HIKMAT, PE. NAME OF ENGINEER	SHALL BE REQUES	I DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND S	SEDIMENT
LOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT BY THE HOWARD SOIL CONSERVATION DISTRICT.	CONTROLS, BUT B BUILDING OR GRAD	EFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. ING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAN N AGENCY IS MADE.	OTHER
1 A.DOTX .I.	10) TRENCHES FOR TH SHALL BE BACK F	E CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR T ILLED AND STABILIZED BY THE END OF EACH WORKING DAY, WHICHEVER	IS SHORTER.
In Kobe Lot 3/8/1	BY THE PLAN APP 12) A PROJECT IS TO	REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED AN ROVAL AUTHORITY PRIOR TO PROCESSING WITH CONSTRUCTION. BE SEQUENCED SO THAT GRADING ACTIVITIES BEGIN ON ONE GRADING U	JNIT (MAXIMUN
SOIL CONSERVATION DISTRICT	ACREAGE OF 20 A UNIT WHEN AT LEA STABILIZED AND A	.C. PER GRADING UNIT) AT A TIME. WORK MAY PROCEED TO A SUBSEQ AST 50 PERCENT OF THE DISTURBED AREA IN THE PRECEDING GRADING PPROVED BY THE ENFORCEMENT AUTHORITY. UNLESS OTHERWISE SPECI	UENT GRADIN UNIT HAS BE FIED AND
DEPARTMENT OF PLANNING AND ZONING	APPROVED BY THE AT A GIVEN TIME.	APPROVAL AUTHORITIES, NO MORE THAN 30 ACRES CUMULATIVELY MA	T BE DISTURE
Edulson IP	UNITE OF MARY	I HEREBY CERTIFY THAT THESE DOCUMENTS WERE	
VELOPMENT ENGINEERING DIVISION JP DATE Schoole 3/17/16		PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND,	
IVISION OF LAND DEVELOPMENT NH DATE		LICENSE NO. 17942, EXP DATE 09/03/16	RON
11810 Alle 3-17-16	1176-10-17942. (N. 11)	2/23/16	DE 6498 EL
DATE	MANNAL ELAN	R. JACOB HIKMAT P.E. DATE:	

COVER.

END OF CONSTRUCTION.

DISTURBED AREA NOT UNDER ACTIVE GRADING.

TATE SEED LAW. ALL SEED MUST BE SUBJECT ED USED MUST HAVE BEEN TESTED WITHIN THE 6 MATERIAL ON ANY PROJECT. REFER TO TABLE VAILABLE UPON REQUEST TO THE INSPECTOR TO

NG SEEDING DATES ONLY IF THE GROUND IS WHEN THE GROUND THAWS. THE SEED MIXTURES MUST BE A PURE CULTURE SPECIES. INOCULANTS MUST NOT BE USED ESH INOCULANTS AS DIRECTED ON THE PACKAGE. NOTE: IT IS VERY IMPORTANT TO KEEP ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN

TREATED WITH SOIL STERILANTS OR AS ELAPSED (14 DAYS MIN.) TO PERMIT

BROADCAST SPREADERS. RIBED ON TEMPORARY SEEDING TABLE B.1,

SUMMARIES. OTHER. APPLY HALF THE SEEDING RATE IN ROLLER TO PROVIDE GOOD SEED TO SOIL

APPLY AND COVER SEED WITH SOIL SUCH A FASHION AS TO PROVIDE AT LEAST PLANTING. OTHER. APPLY HALF THE SEEDING RATE IN

SLURRY INCLUDES SEED AND FERTILIZER). IE APPLICATION RATES SHOULD NOT EXCEED SOLUBLE NITROGEN; P2 05 (PHOSPHOROUS), ACRE.

3 TONS PER ACRE MAY BE APPLIED BY APPLIED BY HYDROSEEDING AT ANY ONE AND WITHOUT INTERRUPTION.

SOIL.

DAT, OR BARLEY AND REASONABLY BRIGHT IN PECIFIED IN THE MARYLAND SEED LAW AND NOT E: USE ONLY STERILE STRAW MULCH IN

ALLY PREPARED WOOD CELLULOSE

HE PACKAGE THAT WILL PROVIDE AN HE UNIFORMLY SPREAD SLURRY. ROWTH INHIBITING FACTORS. ED IN SUCH A MANNER THAT THE WOOD ON IN WATER UNDER AGITATION AND WILL A A HOMOGENEOUS SLURRY. THE MULCH APPLICATION, HAVING MOISTURE ABSORPTION GRASS SEED IN CONTACT WITH THE SOIL NDS AT CONCENTRATION LEVELS THAT WILL

MENTS: FIBER LENGTH OF MILLIMETER, PH RANGE OF 4.0 TO 8.5, G CAPACITY OF 90 PERCENT MINIMUM.

AREAS AT THE RATE OF 2 TONS PER ACRE TO A ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH MULCH ANCHORING TOOL, INCREASE THE AT A NET DRY WEIGHT OF 1500 POUNDS PER AIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS

CATION OF MULCH TO MINIMIZE LOSS BY WIND METHODS (LISTED BY PREFERENCE), DEPENDING

DESIGNED TO PUNCH AND ANCHOR MULCH TICE IS MOST EFFECTIVE ON LARGE AREAS, OPERATE SAFELY. IF USED ON SLOPING LAND, W. APPLY THE FIBER BINDER AT A NET DRY SE FIBER WITH WATER AT A MAXIMUM OF WATER. W APPLICATION RATES AS SPECIFIED BY THE BE HEAVIER AT THE EDGES WHERE WIND BANKS.

AULCH ACCORDING TO MANUFACTURER S 4 TO 15 FEET WIDE AND 300 TO 3,000

DEFINITION

EROSION AND SEDIMENT CONTROL NOTES

- 1. ALL SEDIMENT CONTROL OPERATIONS ARE TO BE DONE IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY VOLUME IV DESIGN MANUAL AND THE STANDARDS AND SPECIFICATIONS FOR SEDIMENT CONTROL IN DEVELOPING AREAS.
- 2. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS THE FIRST ORDER OF
- 3. ALL EXCAVATED MATERIALS SHALL BE STOCKPILED ON THE UPGRADE SIDE OF THE MAIN TRENCH.
- 4. EXCAVATION AND BACKFILL SHALL BE LIMITED TO THAT WHICH CAN BE STABILIZED WITHIN ONE WORKING DAY.
- 5. IMMEDIATELY FOLLOWING BACKFILL OF THE SEWER TRENCH, ALL DISTURBED AREAS ARE TO BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION AND SEEDING NOTES SHOWN ON THIS SHEET.
- 3. THROUGHOUT THE PROJECT, THE CONTRACTOR SHALL REGULARLY INSPECT ALL SEDIMENT CONTROL DEVICES AND PROVIDE ALL NECESSARY MAINTENANCE TO INSURE THAT ALL DEVICES ARE IN PERATIVE CONDITION.
- 7. ALL SEDIMENT CONTROL FACILITIES SHALL REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT. (1 DAY)
- 2. INSTALL SILT FENCES SHOWN ON PLAN. (1 DAY) 3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN (1 DAY)
- 4. GRADE SITE PER PLAN. (5 DAYS)
- 5. CONSTRUCT WATER AND SEWER HOUSE CONNECTIONS (5 DAYS)
- 6. CONSTRUCT HOUSES (90-180 DAYS PER HOUSE)
- 7. COMPLETE FINE GRADING OF SITE TO GRADES INDICATED (2 DAYS)
- 8. SEED AND MULCH ALL REMAINING DISTURBED AREAS. (1 DAY PER)
- 9. CONSTRUCT MOCRO-BIORETENTION (3 DAYS)
- 10. WHEN ALL CONTRIBUTING DRAINAGE AREAS TO SEDIMENT CONTROL DEVICES HAVE BEEN STABILIZED, AND WITH PERMISSION OF SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES FROM FOREST CONSERVATION EAREA AND STABILIZE REMAINING DISTURBED AREAS (1 DAY).

(B-4-8) STANDARDS AND SPECIFICATION FOR STOCKPILE AREA

DEFINITION A MOUND OR PILE OF SOIL PROTECTED BY APPROPRIATELY DESIGNED EROSION AND SEDIMENT CONTROL MEASURES.

TO PROVIDE A DESIGNATED LOCATION FOR THE TEMPORARY STORAGE OF SOIL THAT CONTROLS THE POTENTIAL FOR EROSION, SEDIMENTATION , AND CHANGES TO DRAINAGE PATTERNS. CONDITIONS WHERE PRACTICE APPLIES

- STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE SOIL FOR LATER USE.
- 7. THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN.
- THE FOOTPRINT OF STOCKPILE MUST BE SIZED TO ACCOMMODATE THE ANTICIPATED VOLUME OF MATERIAL AND 1. BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.
- 2. RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE.
- 3. CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVISE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE: PROVISIONS MUST BE MADE FOR DISCHARGING 4. CONCENTRATED FLOW IN A NON-EROSIVE MANNER.
- 5. WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE EROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE.
- STOCKPILE MUST BE STABILIZED IN ACCORDANCE WITH THE 3/7 Day stabilization requirement as well as standard B-4-1 incremental stabilization and standard B-4-4 temporary stabilization. IF THE STOCKPILE IS LOCATED ON AN IMPERVIOUS SURFACE, A LINER SHOULD BE PROVIDED BELOW THE STOCKPILE TO FACILITATE CLEANUP. STOCKPILES CONTAINING CONTAMINATED MATERIAL MUST COVERED WITH IMPERMEABLE SHEETING.

MAINTENANCE. THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION B-4 VEGETATIVE STABILIZATION. SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN 2:1 RATIO. THE STOCKPILE AREA MUST BE KEPT FREE OF EROSION. IF THE VERTICAL HEIGHT OF A STOCKPILE EXCEEDS 20 FEET FOR 2:1 SLOPES, 30 FEET FOR 3:1 SLOPES, OR 40 FEET FOR 4:1 SLOPES, BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.

OPERATION AND MAINTENANCE SCHEDULE FOR MICRO-BIORETENTION (M-6)

- A. THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE
- CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE
- FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2. THE OWNER SHALL PERFORM A PLANT IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT
- MATERIAL, TREAT DISEASED TREES AND SHRUBS, AND REPLACE ALL DEFICIENT STAKES AND
- LAYER IS APPLIED.
- THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

(B-4-5) STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

DEFINITION TO STABILIZE DISTURBED SOIL WITH PERMANENT VEGETATION.

PURPOSE TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER OF DISTURBED CONDITIONS WHERE PRACTICE APPLIES

CRITERIA TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURB SOIL.

- A. SEED MIXTURES 1. GENERAL USE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN THE SITE CONDITION OR PURPOSE A. SELECT ONE OR MORE OF THE SPIECES OF MIXTURES LISTED IN THE SITE CONDITION OR PURPOSE A. SELECT ONE OF A FIGURE B.3 AND BASED IN THE SITE CONDITION OR PURPOSE A. SELECT ONE OF A FIGURE B.3 AND BASED IN THE SITE CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY.
 - B. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES, STREAM BANKS, OR DINES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD GUIDE, SECTION 342-CRITICAL AREA PLANTING. C. FOR SITES HAVING DISTURBAD AREA OVER 5 ACRES, USE AND SHOW RATES RECOMMENDED BY THE
 - SOIL TESTING AGENCY FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FROM FERTILIZED (40-0-01) AT 3 1/2 POUNDS PER 1000 S.F. (150 POUNDS PER ACRE) AT THE TIME OF SEEDING IN ADDITION TO THE
- SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY. 2. TURFGRASS MIXTURES A. AREAS WHERE TURFGRASS MAY BE DESIRE INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND COMMERCIAL
- SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. SELECT ONE OR MORE OF THE SPECIES OF MIXTURES LISTED BELOW BASED ON THE SITE CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLOCATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY.
- KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN AREAS THAT RECEIVE INTENSIVE MANAGEMENT. IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND AND EASRERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS SEEDING RETA: 1.5 TO 2.0 POUNDS PER 1000 S.F CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT
- KENTÜCKY BLUEGRASS/PERENIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY ABD WHEN TURF WILL RECEIVE MEDIUM TO INTENSUVE MANAGEMENT. CERTIFIED PERENIAL RYEGRASS CULTIVARS/CERTIFIED KENTUCKY BUEGRASS SEEDINGRATE: 2 POUNDS MIXTURE PER 1000 S.F. SHOOSE A MINIMUM OF THRE KENTUCKYBLUEGRASS CULTIVARS EITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL
- MIXTURE BY WEIGHT. TALL FESCUE/KENTUCKY BLUEGRASS: FULL MIXTURE: FOR USE IN DROUGHT AREAS AND/OR FOR III. AREAS RECEIVING LOW TO MEDIUM MANAGEENT IN FULL SUN TO MEDIUM SHADE. RECOMMENDED MIXTURE INCLUDES; CERTIFIED TALL FESCUE CULTIVARS 65 TO 100 PERCENT, CEPTIFIED KENTUCKY BLUEGRASS CULTIVARS 0 TO 5 PERCENT. SEEDING RATE: 5 TO 8 PERCENT PER 1000 S.F. ONE OR MORE CULTIVARS MAY BE BLENDED.
- IV. KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHADE IN BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGEL TIRF AREA. MIXTURE INCLUDES; CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO 40 PERCANT AND CERTIFIES FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATES 1 1/2 TO 3 POUNDS PER 1000 S.F. C. IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURE
- WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: £8,6A) CENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: 0B) SOUTHERN MD. EASTERN SHORE; MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15

IN ABNORMALLY DRY OR HOT SEASON, OR ON ADVERSE SITES.

(HARDINESS ZONE: 7A, 7B) D. TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH OF 2 TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED. REMOVE STONE AND DEBRIS OVER 1.5 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE IN SUCH CONDITION THAT FUTURE MOWING OF GRASS WILL POSE NO DIFFICULTY. E. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH 0.5 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE LATE IN THE PLANTING SEASON,

<u>OWNER</u> RONALD EUGENE TOMS & DESIREE L. BARTLETT 6498 MONTGOMERY ROAD (410) 465-7200 ELKRIDGE, MD 21075

(B-4-4) STANDARDS AND SPECIFICATIONS FOR

TO STABILIZE DISTURBED SOIL WITH VEGETATION FOR UP TO 6 MONTHS.

EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR A PERIOD OF 6

MONTHS OR LESS. FOR LONGER DURATION OF TIME, PERMANENT STABILIZATION

SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN

FIGURE B.3). AND ENTER THEM IN THE TEMPORARY SEEDING SUMMARY

DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED.

THEN TABLE B-1 PLUS FORTELIZER AND LIME RATES MUST BE PUT ON

TABLE B.1 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM

ALONG WITH APPLICATION RATES. SEEDING DATES AND SEEDING

FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE

RECOMENTED RATES BY THE TESTING AGENCY. SOIL TESTS ARE NOT

WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN

SECTION B-4-3.A.1b, AND MAINTAIN UNTIL THE NEXT SEEDING SEASON.

TEMPORARY STABILIZATION

CONDITIONS WHERE PRACTICE APPLIES

REQUIRED FOR TEMPORARY SEEDING.

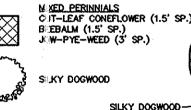
PRACTICES ARE REQUIRED.

THE PLAN.

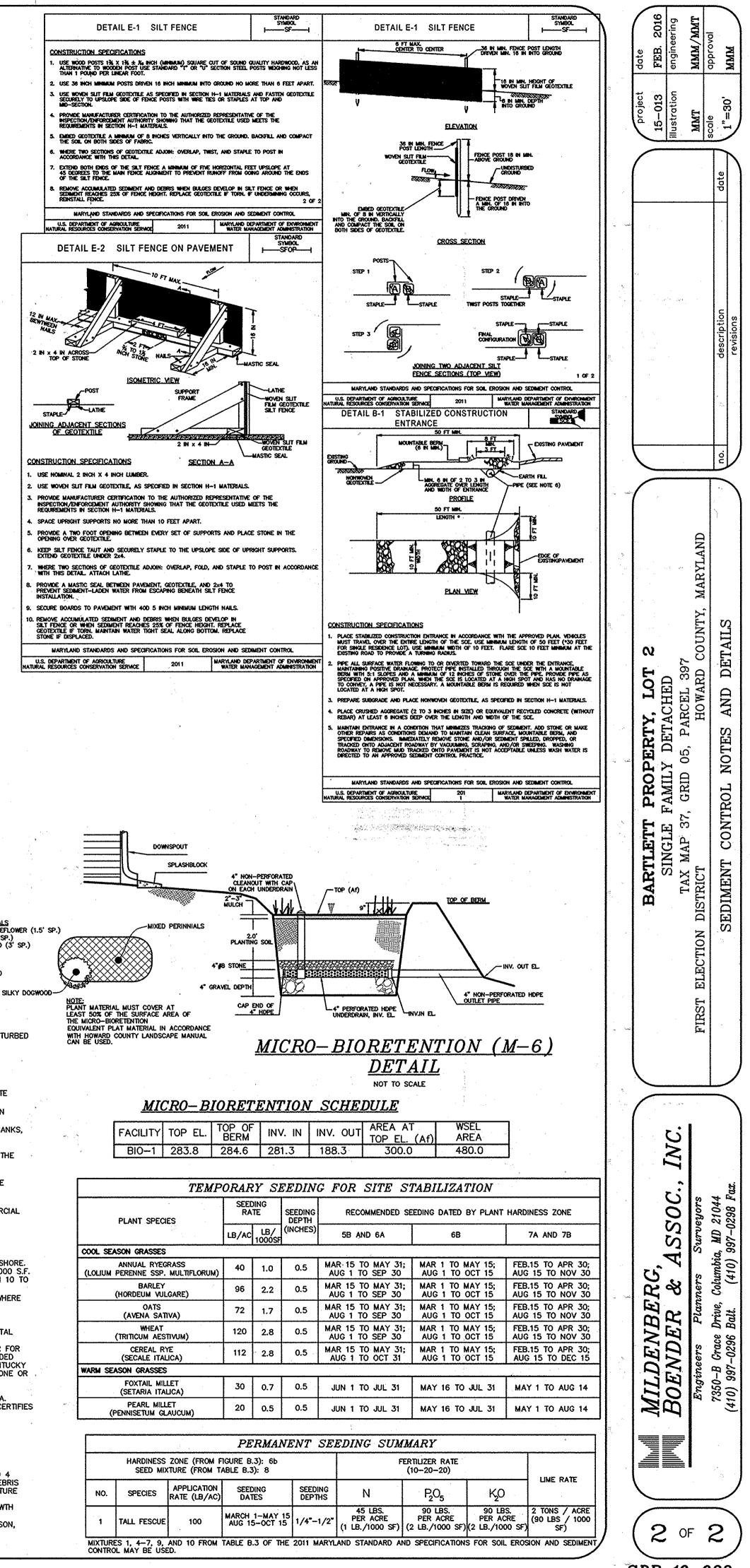
- 3.

<u>DEVELOPER</u> DORSEY FAMILY HOMES, INC. 10717 BIRMINGHAM WAY #B WOODSTOCK, MD 21163

- THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW



- EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.



SDP-16-033