#### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD. COUNTY PLUS
- 2. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST
- 3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT I-800-257-7777 AT LEAST 48-HOURS PRIOR TO ANY EXCAVATION WORK.

### 4. PROJECT BACKGROUND:

SEE VICINITY MAP IN THE TOP RIGHT CORNER OF THIS SHEET

TAX MAP: ELECTION DISTRICT: 5

FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.

ZONING: MXD-3 PER ZB-995M (APPROVED ON 02-08-01), UNDERLYING ZONING IS RR-DEO AND PER THE 2/02/04 COMPREHENSIVE ZONING PLAN. AREA OF BUILDABLE LOTS (No. 11) FOR THIS SITE DEVELOPMENT PLAN: 0.194 ACRES. FOR OTHER SUBMISSIONS RELATED TO THIS SITE, SEE HOWARD COUNTY DEPT, OF PLANNING & ZONING FILE Nos.: 5-01-17, ZB-995M, PB-353, WP-01-III, WP-03-02, P-03-01, F-03-90, P-04-01, P-05-02, F-04-92, S-06-16, P-01-02, ZB-1039M, PB-378, F-12-30, SDP-12-012, SDP-12-17, SDP-12-51, SDP-12-52, P-II-002, P-I2-001, F-I2-020, F-I2-029, F-I3-007, F-I4-033

- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTC). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT
- ALL PLAN DIMENSIONS ARE TO THE FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED. DIMENSIONS ARE MEASURED
- PERPENDICULAR OR RADIALLY BETWEEN ITEMS UNLESS OTHERWISE NOTED. EXISTING TOPOGRAPHY AND FEATURES COMPILED FROM F-06-161, F-08-072 & G.L.W. SURVEY DONE IN MAY/2009.
- 8. COORDINATES ARE BASED ON NAD83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NUMBERS 4IEA & 46B2. STORMMATER MANAGEMENT, FOR BOTH QUALITY AND QUANTITY, FOR THE DEVELOPMENT PROPOSED BY THESE PLANS (WHICH IS PART OF A PHASED PROJECT) WILL BE SATISFIED BY AN EXISTING REGIONAL FACILITY CONSTRUCTED UNDER F-12-30. THE EXISTING FACILITY ON OPEN SPACE LOT 87 IS PUBLICLY OWNED AND JOINTLY MAINTAINED BY THE MAPLE LAWN HOA. THE RECHARGE OBLIGATIONS FOR THESE LOTS HAVE BEEN PROVIDED BY EXISTING FACILITIES L'OCATED ON OPEN SPACE LOT 85

IN MIDTOWN WEST DISTRICT-AREA I (CONSTRUCTED UNDER F-12-30) AND OPEN SPACE LOT 182 IN MIDTOWN WEST DISTRICT-AREA 2 (CONSTRUCTED UNDER F-13-007).

- PUBLIC WATER AND SEWER SHALL BE UTILIZED (AS PROVIDED BY W&S CONTRACT #24-4747-D) AND THE WATER METERS IN OUTSIDE VAULTS.
- THE EXISTING UTILITIES SHOWN HEREIN WERE DERIVED FROM AVAILABLE PUBLIC RECORDS. THE CONTRACTOR MUST DIG TEST PITS (BY HAND) AT ALL UTILITY CROSSINGS AND CONNECTION POINTS TO VERIFY EXACT LOCATION. IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS. 12. ALL ROADS LABELED AS "PUBLIC" ARE PUBLICLY MAINTAINED ONCE THEY ARE DEDICATED. ALL ROADS LABELED AS "PRIVATE" ARE PRIVATELY MAINTAINED
- ANY DAMAGE TO THE ADJACENT COUNTY OWNED RIGHT-OF-WAY AND PROPERTY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE
- THERE ARE NO GRAVE SITES, CEMETERIES, WETLANDS, 100-YR FLOODPLAIN OR STREAM ON THE BUILDABLE LOTS SHOWN ON THIS SITE DEVELOPMENT PLAN ELSEWHERE WITHIN THE HILLSIDE DISTRICT OPEN SPACE THERE ARE WETLANDS, 100-YR FLOODPLAIN AND STREAMS.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16:1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION THE FOREST CONSERVATION OBLIGATIONS WERE ADDRESSED UNDER F-12-030 AND F-13-007
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING (AS SHOWN ON SHEET 2 TO SATISFY S-OI-IT DEVELOPMENT CRITERIA AND SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL) SHALL BE POSTED AS PART OF THE GRADING PERMIT FOR EACH LOT (WHERE APPLICABLE).
- FOR ADDITIONAL INFORMATION ON THE LANDSCAPE SURETY SEE SHEET 2 AND THE GRADING PERMIT CHART ON SHEET I. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
  - A. WIDTH 12' (16' SERVING MORE THAN ONE RESIDENCE)
  - B. SURFACE 6" OF COMPACTED CRUSHER RUN BASE WITAR AND CHIP COATING (1-1/2"MIN.) C. GEOMETRY - MAX. 14% 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-YR. FLOOD WITH NO MORE THAN I FOOT DEPTH OVER DRIVEWAY SURFACE. F. MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- PUBLIC REFUSE PICKUP IS PROVIDED IN THE ALLEY FOR THESE LOTS.
- BAY WINDOWS, WINDOW WELLS, CHIMNEYS, HEATING OR AIR CONDITIONING UNITS AND EXTERIOR STAIRWAYS IF NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NO MORE THAN 4 FEET INTO ANY REQUIRED SETBACK AREA IN ACCORDANCE WITH SECTION 128.A.I OF THE ZONING REGULATIONS, EXCEPT FOR THE ITEMS
- AS A CONSEQUENCE OF THE SKETCH PLAN, S-OI-17 APPROVAL PRIOR TO II-15-OI, THIS PROJECT IS GRANDFATHERED TO THE FOURTH EDITION OF THE
- SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. SECTION 133.D.2.a OF THE ZONING REGULATIONS AND THE APPROVED MLF DEVELOPMENT CRITERIA. UNLESS OTHERWISE PROHIBITED BY POSTED SIGNAGE OR CURB MARKING, ON-STREET PARALLEL PARKING ALONG THE CURB WITHIN THE PUBLIC RIGHTS-OF-WAY IS ALLOWED FOR VISITOR AND OVERFLOW PARKING. THE ON-STREET PARKING AREA WILL NOT BE STRIPED. THE ALLEYS ARE OWNED BY THE HOA AND THEY ENFORCE THE PARKING PROHIBITION IN THEIR ALLEY
- "RIGHT-OF-WAY" THAT'S IN THE COVENANT FOUND AT L. 8259 F. 305\$3 22. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S) OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAIN.
- 24. PHASING FOR THIS PROJECT IS IN ACCORDANCE WITH THE DECISION AND ORDER FOR ZB-995M AND THE DECISION AND ORDER FOR PB CASE NO. 353 (S-OI-I7) AND PB CASE NO. 378 AND S-O6-I6.
- BECAUSE THERE MAY BE MODIFICATIONS TO LANDSCAPING A CERTIFIED LANDSCAPE PLAN APPROVED BY MAPLE LAWN FARMS SHALL BE FORWARDED TO THE COUNTY FOR APPROVAL PRIOR TO LANDSCAPE INSPECTION, PLANT SUBSTITUTIONS CANNOT INCLUDE SPECIES PROHIBITED BY THE HOWARD COUNTY LANDSCAPE MANUAL AND ADOPTED POLICIES.

### LOT DEVELOPMENT DATA

I. GENERAL SITE ANALYSIS DATA

- MXD-3 PER ZB-995M B. PROPOSED USE OF SITE: I SFD RESIDENTIAL DWELLING
- PUBLIC WATER & SEWER TO BE UTILIZED (CONTR. #24-4747-D) D. PARKING REQUIRED PER Sec.133.D.2.a.: 2 SPACES/UNIT x I = 2 SPACES
- PARKING PROVIDED: 2 GARAGE SPACES (ALL LOTS HAVE AT LEAST A 2-CAR GARAGE, SEE NOTE 21 ABOVE REGARDING PARKING). E. RECREATION OPEN SPACE FOR THIS SDP IS ADDRESSED UNDER F-06-161 (SEE OVERALL OPEN SPACE PROVISION CHART ON THIS SHEET).

- A. AREA OF BUILDABLE LOTS FOR THIS SUBMISSION: 8399± SF OR 0.19± AC. B. AREA OF THIS PLAN SUBMISSION: 0.27± ACRES (L.O.D.)
- C. AREA OF DISTURBANCE BY THIS SDP: 0.27± ACRES

### 3. LOT DESIGNATION:

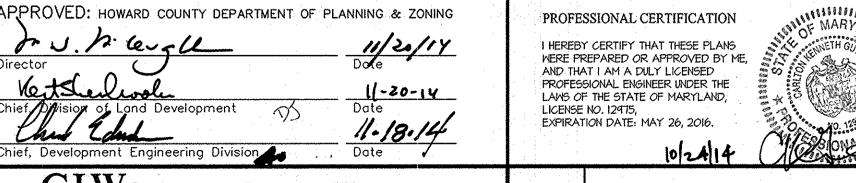
		4.7	the state of the s	the state of the s		
LOT TYPE	LOT NUMBER			MINIMUM LOT SIZE	MIN. LOT WIDTH AT FRONT BRL	MAX. BUILDING HT.
VILLA	ji i			5,400 SQUARE FEET	54 FEET	38 FEET (MEAN HT.)
		<u> </u>	<u>。                                    </u>			lw.

4. STRUCTURE SETBACKS PER S-06-16 AND PLAT Nos. 22995-23004

LOT TYPE	FRONT SETBACK	SIDE SETBACK	MINIMUM REAR SETBACKS		
 VILLA	12' MIN.	6' MIN.*	20' TO PRINCIPAL STRUCTURE.	3' FOR REAR (DETACH/ATTACH) GARAGE OR TO ACCESSORY STRUCTURE	5.

### \* THERE IS NO SIDE SETBACK (O') FOR A GARAGE.

- A. A ZERO LOT LINE DWELLING UNIT MAY BE LOCATED ON ANY PROPERTY LINE WHICH IS NOT A STREET RIGHT-OF-WAY PROVIDED THAT (1) NO PART OF THE DWELLING SHALL ENCROACH ONTO THE ADJOINING LOT: (2) AN ACCESS EASEMENT FOR THE PURPOSE OF MAINTENANCE TO THE SIDE OF THE STRUCTURE SHALL BE INCLUDED IN THE DEED WHERE APPROPRIATE. SPACING BETWEEN DWELLING UNITS SHALL BE A MINIMUM OF 8'. GARAGES HOWEVER, MAY ADJOIN ALONG THE PROPERTY LINE, PROVIDED THEY COMPLY WITH ALL BUILDING AND FIRE CODE REGULATIONS.
- B. OPEN DECKS MUST BE A MINIMUM OF 10' FROM REAR PROPERTY LINE, AND ARE SUBJECT TO SIDE YARD SETBACKS.
- C. FACING ACCESSORY STRUCTURES AND DETACHED GARAGES (ACROSS AN ALLEY/LANE R.O.N.) SHALL BE 30' APART.
- D. EXCEPTIONS TO FRONT SETBACK REQUIREMENTS. SECTION 128.A.I APPLIES, EXCEPT FOR THE FOLLOWING
  - PORCHES MAY ENCROACH INTO THE FRONT YARD TO WITHIN 2' FROM THE FRONT PROPERTY LINE OR RIGHT-OF-WAY FOR COTTAGES, MANORS, AND VILLAS, TO WITHIN 12' FOR ESTATES. PORCHES MAY ENCROACH INTO THE SIDE YARD OF CORNER LOTS TO WITHIN 2' FROM THE RIGHT-OF-WAY FOR COTTAGES, MANORS, AND VILLAS; TO WITHIN 12' FOR ESTATES. WHERE A SIDE YARD ABUTS AN OPEN SPACE OR PASSAGE, PORCHES MAY ENCROACH TO WITHIN I' FROM THE SIDE PROPERTY LINE FOR COTTAGES, MANORS, AND VILLAS, TO WITHIN 12' FOR ESTATES.
  - STOOPS AND STEPS MAY ENCROACH INTO THE FRONT AND SIDE YARDS TO WITHIN I FROM THE FRONT PROPERTY LINE.
  - . GARDEN WALLS, FENCES, PIERS, GATES AND SIMILAR ORNAMENTS MAY BE BUILT IN THE FRONT AND SIDE YARDS NOT CLOSER THAN I' FROM THE FRONT PROPERTY LINE (WALL FOOTING MUST BE OUTSIDE ANY EASMENTS); NOT GREATER THAN 48" IN HEIGHT ALONG THE FRONT PROPERTY LINE AND NOT GREATER THAN 72" IN HEIGHT ALONG THE SIDE AND REAR PROPERTY LINES.



## MAPLE LAWN FARMS SITE DEVELOPMENT PLAN

GARDEN DISTRICT - AREA 1 LOT No. 11 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

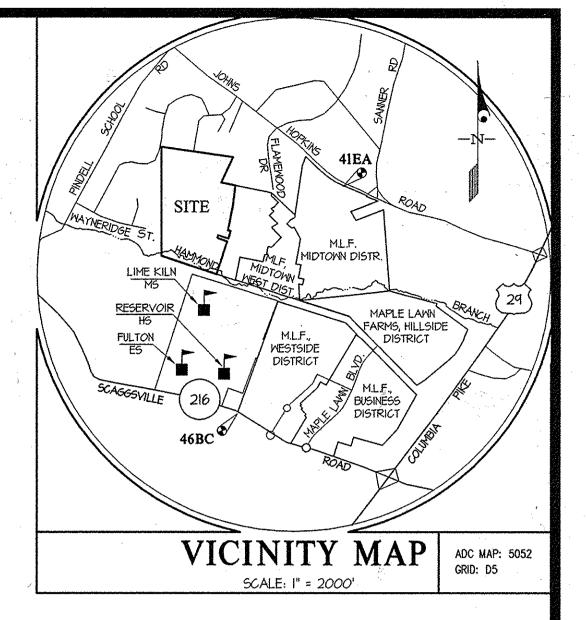


<u>HOWARD COUNTY CONTROL</u>

NAD83 HORIZONTAL DATA & NVD88 VERTICAL DATA

ELEV. = 472.16 N = 539,925.13 E=1,337,205.77 STANDARD DISC ON CONCRETE MONUMENT

ELEV. = 401.05 N = 544825.81 E= 1339.217.44 STANDARD DISC ON CONCRETE MONUMENT



OVERALL OPEN SPACE PROVISION FOR MAPLE LAWN FARMS								
PHASE NUMBER (AND NAME)	APPROVED DPZ FILE No.	PHASE AREA GROSS ACREAGE	REQUIRED OPEN SPACE (35% OF GROSS AC.)	OPEN SPACE PROVIDED IN AC. (%) *	REQUIRED ACTIVE OPEN SPACE IN AC.**	ACTIVE RECREATION O.S. PROVIDED IN AC. (%) ***		
I (BUSINESS DISTRICT, AREA-I)	F-03-07	51.98	18.19	21.15 (40.7)	1.82			
2 (MIDTOWN DISTRICT, AREA-I)	F-03-90	37.43	13.10	15.75 (42.1)	1.31	7.52 (47.7)①		
3 (MIDTOWN DISTRICT, AREA-2)	F-04-92	58.80	20.58	22.85 (38.4)	2.06			
4a (HILLSIDE DISTRICT, AREA-I)	F-05-81	15.47	5.41	6.70 (43.3)	0.54	0.29 (4.3) ②		
46 (MIDTOWN DISTRICT, AREA-3)	F-05-139	3.12	1.09	1.23 (39.4)	0.11			
4c (BUSINESS DISTRICT, AREA-2/ HILLSIDE DISTRICT, AREA-2)	F-05-II2/II3	3.00	1.05	0.00	0.11			
5a (HILLSIDE DISTRICT, AREA-I)	F-06-43	0.00	0.00	0.00	0.00			
56 (HILLSIDE DISTRICT, AREA-3)	F-06-161	33.26	11.64	18.50 (55.6)	1.16	1.61 (8.7) ③		
6a (HILLSIDE DISTRICT, AREA-4)	F-08-072	15.05	5.27	5.50 (36.5)	0.53	***************************************		
WA	F-07-183	3. <i>0</i> 5	1.07	0.00	0.10			
66 (MESTSIDE DISTRICT)	F-08-54/F-08-55	90.60	31.71	26.65 (29.4)	3.17	4.76 (17.9) (4)		
7 (HILLSIDE DISTRICT, AREA-5)	F-10-61	16.60	5.81	0.94 (5.7)	0.58	· · · · · · · · · · · · · · · · · · ·		
Ba (HILLSIDE DISTRICT, AREA-5)	F-II-27	0.00	2 0.00	0.20 (0.0)	0.00			
86 (WESTSIDE DISTRICT, AREA-2)	F-I2-2I	0.00	0.00	0.67 (0.0)	0.00	0.67 (100) (5)		
& (MIDTOWN WEST DISTRICT)	F-12-20	1.65	0.58	0.09 (5.5)	0.06	***************************************		
& (MIDTOWN WEST DISTRICT)	F-12-29	30.22	10.58	13.59 (45.0)	1.06	1.29 (9.5) 6		
VA	F-I2-I5	9.37	3.28	0.00 (0.0)	0.33	0.00 (0.0)		
16 (WESTSIDE DISTRICT, AREA-3)	F-13-03	0.00	0.00	0.69 (0.0)	0.00	0.69 (100)		
1c (MIDTOWN WEST DISTRICT, AREA-2)	F-13-07	34.08	11.93	13.59 (39.9)	1.19	5.05 (37.2) 🔞		
9C (GARDEN DISTRICT, PARCEL W)	F-13-08	75.79	26.53	0.00 (0.0)	2.65	0.00 (0.0)		
/a (BUSINESS DISTRICT, AREA 2)	F-12-86	15.46	5.41	3.74 (24.2)	0.54	0.00 (0.0)		
Ob (WESTSIDE DISTRICT, AREA 4)	F-14-15	0.00	0.00	0.00 (0.0)	0.00	0.00 (0.0)		
Oc (GARDEN DISTRICT, AREA I)	F-14-33	0.00	0.00	23.86 (0.0)	0.00	9.55 (40.0) <b>(9</b>		
IC (GARDEN DISTRICT, AREA 2)	P-14-01	0.00	0.00	5.02 (0.0)	0.00	0.00 (0.0)		
Ib (WESTSIDE DISTRICT, AREA 5)	F-14-69	0.00	0.00	0.00 (0.0)	0.00	0.00 (0.0)		
TOTAL		494.93	173.23	180.72 (36.5)	17.32	31.43 (17.4)		

- \* THE PERCENTAGE OF OPEN SPACE PROVIDED IS BASED ON THE GROSS SITE ACREAGE.
- \*\* IO% OF THE OPEN SPACE REQUIRED MUST BE AVAILABLE FOR ACTIVE RECREATION. \*\*\* THE PERCENTAGE OF ACTIVE RECREATION O.S. PROVIDED IS BASED ON THE O.S. PROVIDED (CUMULATIVE TOTAL ACREAGE)
- 1.52 AC. = COMMUNITY CENTER (0.5. 125 5.01 AC.), 0.5. 126 (0.55 AC.) AND 0.5. 123 (1.96 AC.)
- ③ 1.61 AC. = 0.5. LOT 213 (1.00 Ac.) and 0.5. LOT 214 (0.61 Ac.)
- 4) 4.76 AC. = 0.5. LOT 4 (4.76 Ac.) (5) 0.67 ACRES = 0.5. Lot 68 (0.67 Ac.)
- (6) 1.29 ACRES = 0.5. Lot 85 (0.63 Ac.) and 0.5. Lot 84 (0.66 Ac.)
- (7) 0.69 ACRES = 0.5. 115 (0.69 Ac.)
- 8) 5.05 AREAS = 0.5. 179 (0.73 Ac.), 0.5. 180 (0.74 ac.), 0.5. 182 (3.58)
- (9) 9.55 AREAS = 0.5. 99 (0.90 Ac.), 0.5. 101 (1.75 ac.), 0.5. 104 (2.85) and 0.5. 107 (2.44 Ac.) OPEN SPACE LOTS 126 AND 123 ARE CONSIDERED RECREATIONAL SINCE RESIDENTS WILL BE ABLE TO GATHER AND CHILDREN WILL BE ABLE TO PLAY IN THESE AREAS.
- **BUILDING PERMIT CHART**

LOT	DISTURBED AREA (Ac.)	LANDSCAPE SURETY AMOUNT	LANDSCAPE INSPECTION FEES PAID	
II .	0.27±	\$2,100,00	\$100.00	
TOTAL	0.27±	\$2,100.00	\$100.00	

WITHIN I YEAR OF SIGNATURE APPROVAL OF THIS SOP BY THE DIRECTOR OF DPZ, THE BUILDER SHALL APPLY TO THE DEPT. OF INSPECTIONS, LICENSES AND PERMITS FOR BUILDING PERMIT(S) TO INITIATE THE CONSTRUCTION ON THIS SDP. THE BUILDER SHALL APPLY FOR BUILDING PERMIT(S) FOR ALL CONSTRUCTION AUTHORIZED ON THIS SOP WITHIN 5 YEARS OF ITS APPROVAL.

SHEET INDEX SITE DEVELOPMENT PLAN/LANDSCAPE PLAN SEDIMENT CONTROL PLAN

ADDRESS CHART LOT No. | STREET ADDRESS 11502 IAGER BOULEVARD

	PERMI'	T INFO	RMAT	ION CHA	RT		
WATER CODE: E2I				SEWER CODE: 1695000			·
DEVELOPMENT NAME: MAPLE LAWN FARMS				DISTRICT/AREA ARDEN DISTRICT AREA I	1	.OTS II	CENSUS TRACT 6051.02
PLAT Nos. 22995-23004	ZONE MXD-3	TAX MAP 41	GRID 15 ≰ 21	ELEC. DIS 5	Т.		
	·	SCA	4LE	ZONING	*	G. L.	W. FILE No.
		AC C	LIMMAL	uvn	7	1	<b>4051</b>

GLWGUTSCHICK LITTLE &WEBER	L, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE	ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK	

TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186 .04001\06013\SDP-SFD\HILLSIDE-Area 5\06013-CS (Area5).dwg | DES. mbt | DRN. klp | CHK. mbt APP'R.

PROPERTY OWNER (SELLER): MAPLE LAWN FARMS I, LLC 1829 REISTERSTOWN ROAD, SUITE 300 BALTIMORE, MD 21208 COLUMBIA, MD 21044 PH: 410-997-8800 PH: 410-484-8400 ATTN.: MARK BENNETT ATTN .: BOB CORBETT

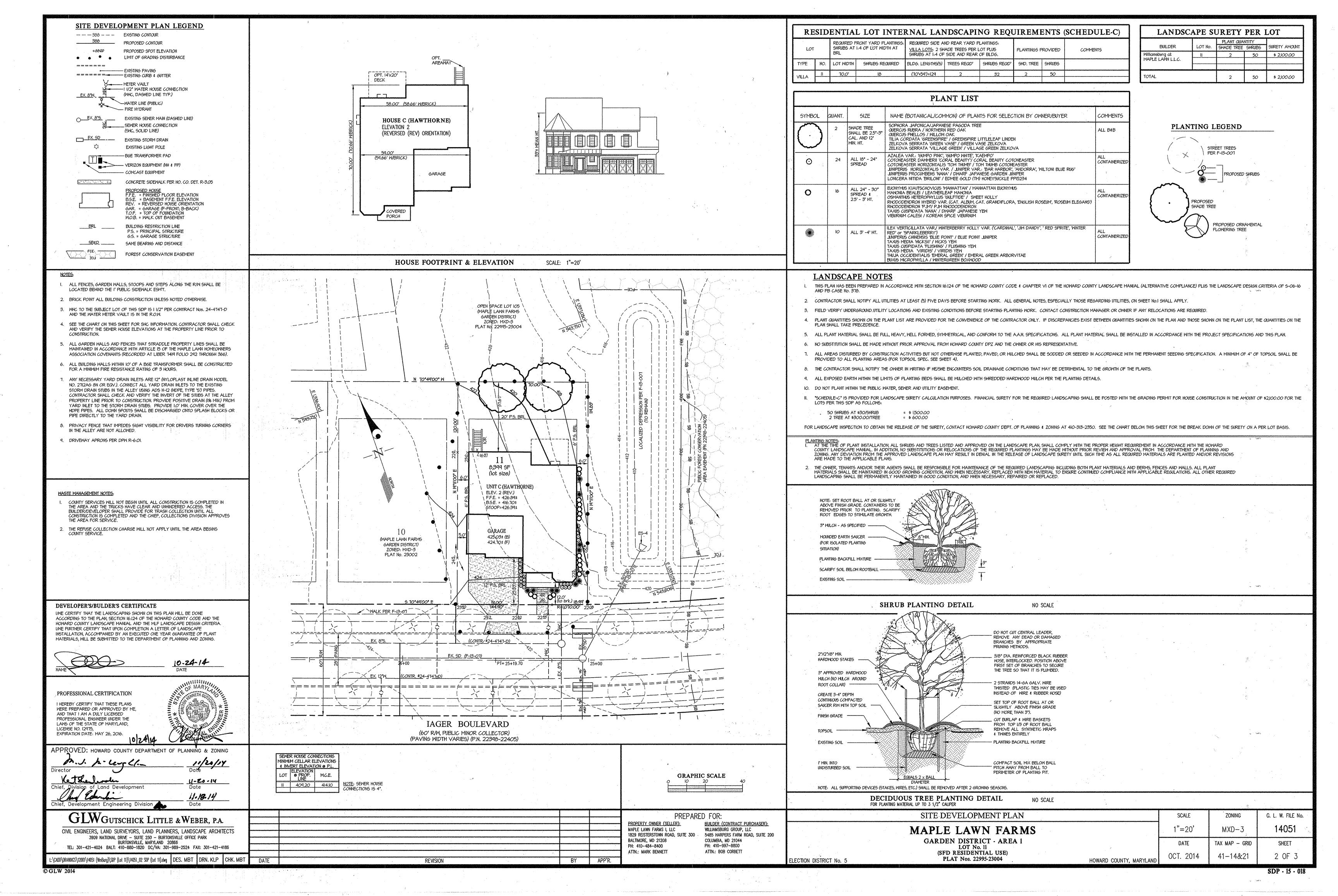
BUILDER (CONTRACT PURCHASER): WILLIAMSBURG GROUP, LLC 5485 HARPERS FARM ROAD, SUITE 200

ELECTION DISTRICT No. 5

COVER SHEET MAPLE LAWN FARMS GARDEN DISTRICT - AREA LOT No. 11

(SFD RESIDENTIAL USE) PLAT Nos. 22995-23004

AS SHOWN TAX MAP - GRID HOWARD COUNTY, MARYLAND



A. SOIL PREPARATION 1. TEMPORARY STABILIZATION . PERMANENT STABILIZATION I. SOIL PH BETWEEN 6.0 AND 7.0. UNNECESSARY ON NEWLY DISTURBED AREAS. UNACCEPTABLE SOIL GRADATION. PUBLISHED BY USDA-NRCS. PROPER GRADING AND SEEDBED PREPARATION. Division of Land Developmen

# DEFINITION PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE. Chief, Development Engineering Division GLWGUTSCHICK LITTLE &WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186 \CADD\DRAWNGS\12001\14051 (\text{WmBurg})\SDP (Lot 11)\14051\_03 SC (Lot 11).dmg | DES. MBT | DRN. KLP | CHK. MBT

#### **B-4-2 STANDARD AND SPECIFICATIONS FOR SOIL B-4-3 STANDARDS AND SPECIFICATIONS FOR** PREPARATION, TOPSOILING, AND SOIL AMENDMENTS SEEDING and MULCHING **DEFINITION** THE PROCESS OF PREPARING THE SOILS TO SUSTAIN ADEQUATE VEGETATIVE STABILIZATION THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER. TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. CONSTRUCTION. CONDITIONS WHERE PRACTICE APPLIES CONDITIONS WHERE PRACTICE APPLIES WHERE VEGETATIVE STABILIZATION IS TO BE ESTABLISHED. TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING CRITERIA A. SEEDING . SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS O SPECIFICATIONS SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS OR CHISEL PLOWS O RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENED, IT MUST NOT BE ET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE LL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY TO BE TRACKED WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. I SEED LISED MUST HAVE REEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS. PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT REFER I INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER TABLE B.4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND SEEDING RAT . MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWS. a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE FOR THE SPECIES, INOCULANTS MUST NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER, ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE. USE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: II. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM). T IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. EMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA IND MAKE THE INOCULANT LESS EFFECTIVE. III. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL (GREATER THAN SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS. APPLICATION IV. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT. a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST V. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION. SPREADERS INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED OF APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO NOT MEET THE ABOVE TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR SITE-SPECIFIC SEEDING SUMMARIES. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION: ROLL THE SEEDED AREA WITH A GRADED AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIFIED ON THE APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES. WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT. 1. APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE RESULTS b. DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, must be firm after planting AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT HALF THE SEEDING RATE IN EACH DIRECTION. NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING HE SOIL IN AN IRRECULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE APPLICATION RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS), 200 POUNDS PER ACRE; K20 (POTASSIUM), 200 POUNDS PER ACRE TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. i. Lime: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR APPLIED BY HYDROSEEDING AT ANY ONE TIME, DO NOT USE BURNT OR HYDRATED - LIME WHEN HYDROSFEDING iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS THE STANDARDS AS SET NTERRUPTION. FORTH IN THESE SPECIFICATIONS, TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL. SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY B. MULCHING TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE: MULCH MATERIALS (IN ORDER OF PREFERENCE) THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT RYE OAT OR BARLEY AN THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS. AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, HE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH. DECAYED, OR EXCESSIVELY DUSTY, NOTE: USE ONLY STERILE STRAW MULCH IN HE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE. AREAS WHERE ONE SPECIES OF GRASS IS DESIRED. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOO AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN. CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA: INSPECTION OF THE UNIFORMLY SPREAD SLURRY TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM. OR LOAMY SAND WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITIN OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING III. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS, STONES, MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, ERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER, ON TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED. AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER APPROXIMATELY 10 MILLIMETERS, DIAMETER APPROXIMATELY 1 MILLIMETER, PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM. I. EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO 8 INCH LAYER AND LIGHTLY COMPACT TO A MINIMUM THICKNESS OF 4 INCHES. SPREADING IS TO BE PERFORMED IN SUCH A MANNER THAT SODDING OR APPLICATION SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS MUST BE apply mulch to all seeded areas immediately after seeding CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL 1 MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE TAPPLICATION RATE TO 2.5 TONS PER ACRE. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGH OF 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS) SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. SOIL ANALYSIS MAY ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER. BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL SAMPLES TAKEN FOR INGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES. ANCHORING FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE a. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING APPLICATION BY APPROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO THE SITE FULLY LABELED ACCORDING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER. LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTE SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A THIS PRACTICE SHOULD FOLLOW THE CONTOUR. IME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOL OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE AT THE RATE OF 4 TO 8 CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. II. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRA MANUFACTURER. APPLICATION OF LIQUID BINDER NEEDS TO BE HEAVER AT THE EDGES WHERE WIND LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG. PROFESSIONAL CERTIFICATION HEREBY CERTIFY THAT THESE PLANS WERE GRAPHIC SCALE PREPARED OR APPROVED BY ME, AND THAT LAM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975, EXPIRATION DATE: MAY 26, 2016. APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING ENGINEER'S CERTIFICATE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS

1-20-14

#### TILLAGE: TILL TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE, BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT THAT MAY PRODUCE THE DESIRED CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE O MUST NOT BE IRRIGATED TO THE POINT THAT RUNOFF OCCURS. SIMILAR: MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. PLAN REVIEW AUTHORITY. THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. BUILDER'S CERTIFICATE "I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF TO THIS PLAN. AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT." EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE 10-24-14

REVISION

IRRIGATION: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST, REPEAT AS NEEDED. THE SITE BARRIERS: SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AN CHEMICAL TREATMENT: USE OF CHEMICAL TREATMENT REQUIRES APPROVAL BY THE APPROPRIATE

**B-4-5 STANDARDS AND SPECIFICATIONS** FOR PERMANENT STABILIZATION TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.

TO USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER ON DISTURBED SOILS.

CONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR 6 MONTHS OR MORE.

SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.1 FOR THI SEED MIXTURES TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES

**B-4-4 STANDARDS AND SPECIFICATIONS** 

FOR TEMPORARY STABILIZATION

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

TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS.

PRACTICES ARE REQUIRED.

APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3). AND ENTER THEM IN THE

AND SEEDING DEPTHS IF THIS SLIMMARY IS NOT PLIT ON THE PLAN AND COMPLETED.

WHEN STABILIZATION IS REQUIRED OUTSIDE OF A SEEDING SEASON, APPLY SEED AND

TEMPORARY SEEDING SUMMARY

SEEDING

Aug. 1 to Oct. 15

|May 16 to July 31 | 0.5 INCHES

SEDIMENT CONTROL NOTES

A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE

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

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY

7 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE

IN ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL

EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDING (Sec. B-4-5), TEMPORARY

SEEDING (Sec. B-4-4) AND MULCHING (Sec. B-4-3). TEMPORARY STABILIZATION WITH

MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW

MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN

0.19± AC.

0.27± AC.

0.11± AC.

0.16± AC.

360± CY

360± CY

NONE

ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE

ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR

ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE

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 BUILDING OR GRADING INSPECTION

APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION

TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED BY THE END OF EACH WORK DAY, WHICHEVER IS SHORTER.

ANY CHANGES OR REVISIONS TO THE SEQUENCE OF CONSTRUCTION MUST BE REVIEWED

AND APPROVED BY THE PLAN APPROVAL AUTHORITY PRIOR TO PROCEEDING WITH

A PROJECT IS TO BE SEQUENCED SO THAT THE GRADING ACTIVITIES BEGIN ON ONE

DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND

APPROVED BY THE ENFORCEMENT AUTHORITY. UNLESS OTHERWISE SPECIFIED AND

GRADING UNIT (MAXIMUM ACREAGE OF 20 AC. PER GRADING UNIT) AT A TIME. WORK

MAY PROCEED TO A SUBSEQUENT GRADING UNIT WHEN AT LEAST 50 PERCENT OF TH

APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY

STANDARDS AND SPECIFICATIONS

DEFINITION

CONTROLLING THE SUSPENSION OF DUST PARTICLES FROM CONSTRUCTION ACTIVITIES.

TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND

CONDITIONS WHERE PRACTICE APPLIES

OFF-SITE DAMAGE INCLUDING HEALTH AND TRAFFIC HAZARDS.

AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT

TREATMENT.

SPECIFICATIONS

8-4-3 SEEDING AND MULCHING, AND SECTION 8-4-4 TEMPORARY STABILIZATION. MULCH MUST BE

MULCHES: SEE SECTION B-4-2 SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS, SECTION

VEGETATIVE COVER: SEE SECTION 8-4-4 TEMPORARY STABILIZATION

FOR DUST CONTROL

PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE

OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

A. 3 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES,

ERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1

FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES

"MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT

DATES

FERTILIZER

SEEDING (10-10-10)

5 0.5 INCHES 436 lb./ac.

RATE LIME RATE

(10 lb./ | (90 lb./

1,000 sf) | 1,000 sf)

FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES B

MULCH OR STRAW MULCH ALONE AS PRESCRIBED IN SECTION 8-4-3.A.1.B AND MAINTAIN

THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN.

THE TESTING AGENCY SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING.

UNTIL THE NEXT SEEDING SEASON.

HARDINESS ZONE: 6b

ATE (lb/ac.)

40 lb/cc

20 lb/ac

START OF ANY CONSTRUCTION. (410-313-1855).

STABILIZATION SHALL BE COMPLETED WITHIN:

CONTROL" AND REVISIONS THERETO.

SEED MIXTURE:

SPECIES

RYEGRASS

SITE ANALYSIS:

TOTAL FILL

APPROPRIATE COLOR TO FACILITATE VISUA

TOTAL AREA OF SITE

AREA TO BE ROOFED OR PAVED

AREA TO BE VEGETATIVELY STABILIZED

OFF-SITE WASTE/BORROW AREA LOCATION :

HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

MAY BE DISTURBED AT A GIVEN TIME.

ANCHORED TO PREVENT BLOWING

AREA DISTURBED

ONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR

PERIOD OF 6 MONTHS OR LESS. FOR LONGER DURATION OF TIME, PERMANENT STABILIZATION

a. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE 8.3) AND BASED ON THE SITE CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED ON THE PLAN. ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES.

STREAM BANKS, OR DUNES OR FOR SPECIAL PURPOSES SUCH AS WILDLIFE OR AESTHETIC TREATMENT MAY BE FOUND IN USDA-NRCS TECHNICAL FIELD OFFICE GUIDE, SECTION 342 - CRITICAL AREA PLANTING. FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES RECOMMENDED BY THE SOIL TESTING AGENCY.

d. FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3 1/2 POUNDS PER 1000 SOUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY. . TURFGRASS MIXTURES

AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED BELOW BASED ON THE SITE

CONDITIONS OR PURPOSE. ENTER SELECTED MIXTURE(S), APPLICATION RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SUMMARY IS TO BE PLACED KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN AREAS THAT RECEIVE INTENSIVE MANAGEMENT. IRRIGATION REQUIRED IN THE AREAS OF CENTRAL MARYLAND AND EASTERN SHORE. RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS SEEDING RATE: 1.5 TO 2.0 POUNDS PER 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS WITH EACH RANGING FROM 10 TO 35

PERCENT OF THE TOTAL MIXTURE BY WEIGHT. KENTICKY BILIEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE MEDIUM TO INTENSIVE MANAGEMENT, CERTIFIED PERENNIAL RYEGRASS CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PE 1000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVAR WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.

iii. TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGHT PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL SUN TO MEDIUM SHADE RECOMMENDED MIXTURE INCLUDES: CERTIFIED TALL FESCUE CULTIVARS 95 TO 100 PERCENT, CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 0 TO 5 PERCENT. SEEDING RATE: 5 TO 8 POUNDS PER 1000 SQUARE FEET. ONE OR MORE CULTIVARS MAY BE

KENTUCKY BLUEGRASS/FINE FESCUE: SHADE MIXTURE: FOR USE IN AREAS WITH SHADE IN BLUEGRASS LAWNS. FOR ESTABLISHMENT IN HIGH QUALITY, INTENSIVELY MANAGED TURF AREA. MIXTURE INCLUDES; CERTIFIED KENTUCKY BLUEGRASS CULTIVARS 30 TO 40 PERCENT AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT. SEEDING RATE: 11/2 TO 3 POUNDS PER 1000 SQUARE FEET.

SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT UNIVERSITY OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS CULTIVAR RECOMMENDATIONS FOR MARYLAND"

CHOOSE CERTIFIED MATERIAL CERTIFIED MATERIAL IS THE BEST GUARANTEE O CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER PROTECTION AND ASSURES A PURE GENETIC LINE IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES

WESTERN MD: MARCH 15 TO JUNE 1, AUGUST 1 TO OCTOBER 1 (HARDINESS ZONES: CENTRAL MD: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15 (HARDINESS ZONE: SOUTHERN MD. EASTERN SHORE: MARCH 1 TO MAY 15, AUGUST 15 TO OCTOBER 15

TILL AREAS TO RECEIVE SEED BY DISKING OR OTHER APPROVED METHODS TO A DEPTH O 2 TO 4 INCHES, LEVEL AND RAKE THE AREAS TO PREPARE A PROPER SEEDBED, REMOVE STONES AND DEBRIS OVER 1 1/2 INCHES IN DIAMETER. THE RESULTING SEEDBED MUST BE

k. IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR PLANT GROWTH (1/2 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, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE

PERMANENT SEEDING SUMMARY

	ARDINESS ZONE: 6b EED MIXTURE: #9 (Tall Fescue)	/ Kentucky Bl	uegrass)		FERTILIZER	
No. SPECIES APPLICATION SEEDING SEEDING RATE DATES DEPTH					RATE (10-20-20)	LIME RATE
9	*Certified Tall Fescue blend (95% by weight): Falcon IV, Penn 1901 & Rebel Exeda and Certified Kentucky Bluegrass blend (5% by weight): Courtyard, Raven & Yankee	6-8 lb/ 1000 s.f.	Mar. 1 to May 15, Aug. 15 to Oct. 15		1.0 lb/ 1000 s.f. (45 lb/acre)	90 lb/ 1000 s.f.

\* Other cultivars listed as "proven" in the most current UMD TT-77 may also be used . SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER). GENERAL SPECIFICATIONS

o. CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR. b. SOD MUST BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH, PLUS OR MINUS 1/4 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS MUST EXCLUDE TOP GROWTH AND THATCH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE STANDARD SIZE SECTIONS OF SOD MUST BE STRONG ENOUGH TO SUPPORT THEIR OWN

WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN SUSPENDED VERTICALLY WITH A FIRM GRASP ON THE UPPER 10 PERCENT OF THE SECTION. SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL SOD MUST BE HARVESTED, DELIVERED, AND INSTALLED WITHIN A PERIOD OF 36 HOURS SOD NOT TRANSPLANTED WITHIN THIS PERIOD MUST BE APPROVED BY AN AGRONOMIST OR SOIL SCIENTIST PRIOR TO ITS INSTALLATION.

SOD INSTALLATION

DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE OR IN AREAS HAVING DRY SUBSOIL, LIGHTLY IRRIGATE THE SUBSOIL IMMEDIATELY PRIOR TO LAYING THE SOD. LAY THE FIRST ROW OF SOD IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO IT AND TIGHTLY WEDGED AGAINST EACH OTHER, STAGGER LATERAL JOINTS O PROMOTE MORE UNIFORM GROWTH AND STRENGTH, ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT, IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE AIR DRYING OF THE ROOTS. WHEREVER POSSIBLE, LAY SOD WITH THE LONG EDGES PARALLEL TO THE CONTOUR AND WITH STAGGERING JOINTS. ROLL AND TAMP, PEG OR OTHERWISE SECURE THE SOD TO PREVENT SLIPPAGE ON SLOPES. ENSURE SOLID CONTACT EXISTS BETWEEN SOD ROOTS AND THE UNDERLYING SOIL SURFACE. WATER THE SOD IMMEDIATELY FOLLOWING ROLLING AND TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLETE

HE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN

EIGHT HOURS. SOD MAINTENANCE

APP'R.

IN THE ABSENCE OF ADEQUATE RAINFALL, WATER DAILY DURING THE FIRST WEEK OR AS OFTEN AND SUFFICIENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 INCHES. WATER SOD DURING THE HEAT OF THE DAY TO PREVENT WILTING. AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE CONTENT.

c. DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED.

BALTIMORE, MD 21208

ATTN.: MARK BENNETT

PH: 410-484-8400

PREPARED FOR: BUILDER (CONTRACT PURCHASER): PROPERTY OWNER (SELLER): MAPLE LAWN FARMS I. LLC WILLIAMSBURG GROUP, LLC 1829 REISTERSTOWN ROAD, SUITE 300 5485 HARPERS FARM ROAD, SUITE 200

COLUMBIA, MD 21044

ATTN.: BOB CORBETT

PH: 410-997-8800

**B-4-8 STANDARDS AND SPECIFICATIONS** FOR STOCKPILE AREA

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 STOCKPILE AREAS ARE UTILIZED WHEN IT IS NECESSARY TO SALVAGE AND STORE SOIL FOR LATER USE.

THE STOCKPILE LOCATION AND ALL RELATED SEDIMENT CONTROL PRACTICES MUST BE CLEARLY INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN THE FOOTPRINT OF THE STOCKPILE MUST BE SIZED TO ACCOMMODATE THE

ANTICIPATED VOLUME OF MATERIA AND BASED ON A SIDE SLOPE RATIO NO STEEPER THAN 2:1. BENCHING MUST BE PROVIDED IN ACCORDANCE WITH SECTION 8-3 LAND GRADING RUNOFF FROM THE STOCKPILE AREA MUST DRAIN TO A SUITABLE SEDIMENT CONTROL PRACTICE ACCESS THE STOCKPILE AREA FROM THE UPGRADE SIDE.

CLEAR WATER RUNOFF INTO THE STOCKPILE AREA MUST BE MINIMIZED BY USE OF A DIVERSION DEVICE SUCH AS AN EARTH DIKE, TEMPORARY SWALE OR DIVERSION FENCE. PROVISIONS MUST BE MADE FOR DISCHARGING CONCENTRATED FLOW IN A NON-EROSIVE MANNER.

WHERE RUNOFF CONCENTRATES ALONG THE TOE OF THE STOCKPILE FILL, AN APPROPRIATE FROSION/SEDIMENT CONTROL PRACTICE MUST BE USED TO INTERCEPT THE DISCHARGE. STOCKPILES 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 BE COVERED WITH IMPERMEABLE

THE STOCKPILE AREA MUST CONTINUOUSLY MEET THE REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT IN ACCORDANCE WITH SECTION 8-4 VEGETATIVE STABILIZATION, SIDE SLOPES MUST BE MAINTAINED AT NO STEEPER THAN A 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 PROMDED IN ACCORDANCE WITH SECTION B-3 LAND GRADING.

SEQUENCE OF CONSTRUCTION APPLY FOR GRADING PERMIT AND SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE COUNTY SEDIMENT CONTROL INSPECTOR (CSCI) OBTAIN GRADING PERMIT FROM THE CSCI AT THE MEETING.

INSTALL STABILIZED CONSTRUCTION ENTRANCES (SCE), SILT FENCES (SF), SUPER SILT FENCES (SSF) AND ANY ADDITIONAL SEDIMENT CONTROL MEASURES AS DIRECTED BY THE CSCI. (CLEARING AND GRUBBING IS NOT NECESSARY AS SITE WAS MASS GRADED TO INSTALL A REGIONAL SWM FACILITY.) Duration: 1-day.

GRADE SITE FOR HOUSE CONSTRUCTION. PROVIDE DUST CONTROL AS NECESSARY, Duration: 2 days. CONSTRUCT HOUSES, UITILITY CONNECTIONS, GARAGES, DRIVEWAYS

AS EACH HOUSE/GARAGE IS COMPLETED, FINAL GRADE THE LO INSTALL FENCES AND PLANT MATERIAL AND STABILIZE ALL BARE DIRT AREA WITH PERMANENT SEEDING OR WITH SOD. Duration: 2-days. ONCE AREA DRAINING TO SEDIMENT CONTROL MEASURES HAVE BEEN STABILIZED, OBTAIN PERMISSION FROM THE CSCI TO REMOVE THE

AND SIDEWALKS. Duration: 3-4 months.

SEDIMENT CONTROL ITEMS. Duration: 1/2 day.

OBTAIN INSPECTION FOR RELEASE OF SURETY (FOR GRADING AND LANDSCAPING). Duration: 1/2 day

OBTAIN USE AND OCCUPANCY PERMIT THEN FINALIZE SETTLEMENT.

1. TEMPORARY SWM IS PROVIDED BY THE EXISTING BASIN ON OPEN SPACE LOT 87 PER F-12-030 (SEE SHEET #1).

2. IF HOUSE CONSTRUCTION IS CONCURRENT WITH ROAD CONSTRUCTION. DORDINATE THE WORK ON THESE PLANS WITH E-1 SOILS SHOWN ARE PRE-DEVELOPMENT CONDITION. THE SITE IS MASS GRADED UNDER F-12-029 AND ALL SOILS WILL BE CONSIDERED

SEEDING AND STABILIZATION IS TO BE PERFORMED AT THE DIRECTION OF THE SEDIMENT CONTROL INSPECTOR OR IN COMPLIANCE WITH THE STANDARD SEEDING AND STABILIZATION NOTES WHICHEVER IS MORE

---600 ---- EXISTING CONTOUR

SILT FENCE

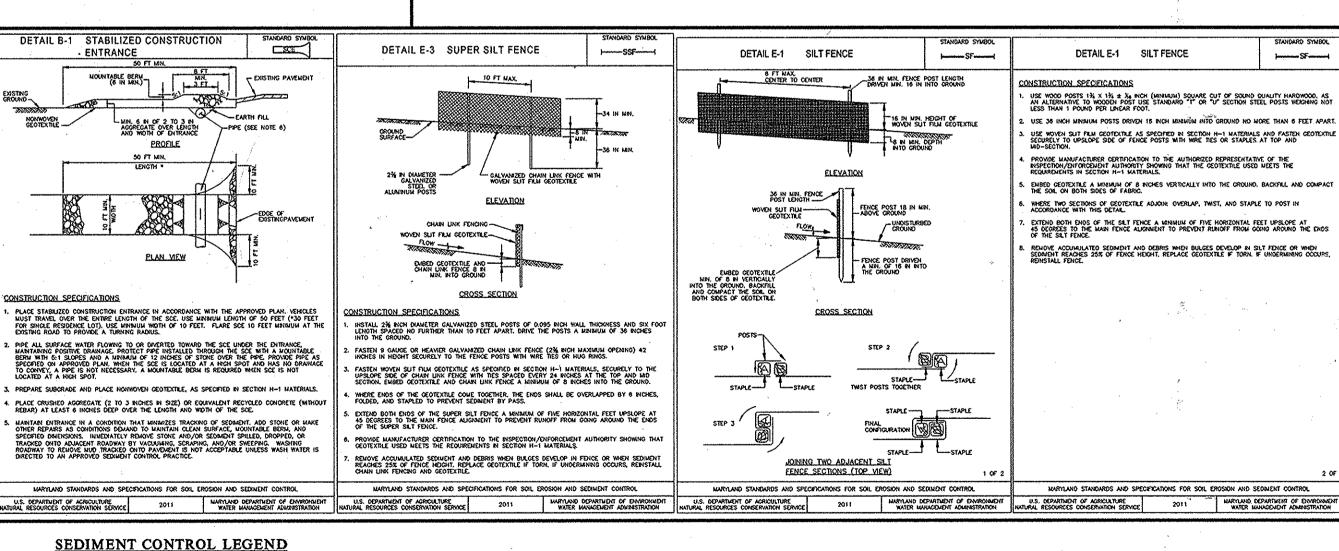
PROPOSED CONTOUR

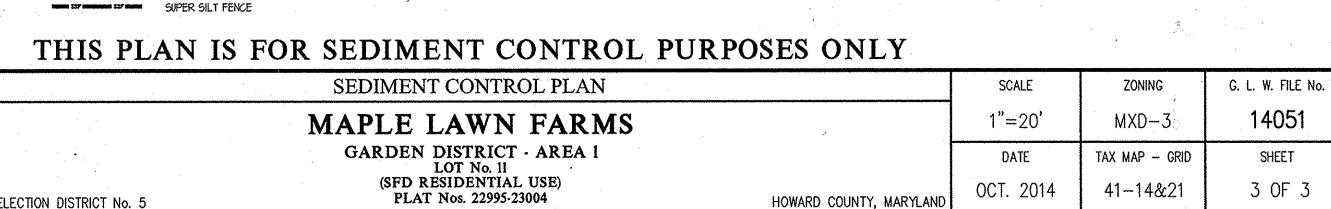
LIMIT OF GRADING DISTURBANCE

MAPLE LAWN-FARMS GARDEN DISTRICT ZONED MXD-3 PLAT No. 22995-23004 N 70°49'00" N TEMPORARY STOCKPILE 8399 SF (lot size) UNIT C (HAWTHORNE) ELEV. 2 (REV.) \ FFF = 426.89± B.S.E. = 416.70± \STOOP=426.39± 425\03± (B) (MAPLE LAWN FARMS 424.70± (F) GARDEN DISTRICT) ZONED: MXD-3 PLAT No. 23002 5 70°49'00" E ------(CONTR. #24-4747-D) IAGER BOULEVARD EX. SD (F-13-07) PT= 25+19.70 

OPEN SPACE LOT 105

FCE





STABILIZED CONSTRUCTION

S.C.E.

SOILS DELINEATION

GOC -SOILS

SDP - 15 - 018