GENERAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS

- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT I-800-257-7777 AT LEAST 48-HOURS PRIOR TO ANY EXCAVATION WORK

4. PROJECT BACKGROUND:

LOCATION: SEE VICINITY MAP IN THE TOP RIGHT CORNER OF THIS SHEET TAX MAP:

ELECTION DISTRICT: 5 ZONING: MXD-3 PER ZB-995M (APPROVED ON 02-08-01), UNDERLYING ZONING IS RR-DEO AND PER THE 10/06/13 COMPREHENSIVE ZONING PLAN. AREA OF BUILDABLE LOTS (Nos. 93-95, 100-101 and 174-177) FOR THIS SITE DEVELOPMENT PLAN: 1.66± 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-01-111. WP-03-02, P-03-01, F-03-90, P-04-01, P-05-02, F-04-92, S-06-16, P-07-02, ZB-1039M, PB-378, F-12-30, SDP-12-012, SDP-12-17, SDP-12-51, SDP-12-52, P-II-002, P-I2-002, F-I2-020 AND F-I2-029

- 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/2004.
- 8. COORDINATES ARE BASED ON NAD83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NUMBERS 4IEA & 46B2 STORMWATER 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 LOCATED ON OPEN SPACE LOT 85 IN MIDTOWN WEST DISTRICT-AREA! (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 #24-4704-D & #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.
- 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 5 TO SATISFY S-01-17 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 6 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 W/TAR AND CHIP COATING (1-1/2"MIN.)
- C. GEOMETRY MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS. D. STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
- E. DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100-YR. FLOOD WITH NO MORE THAN I FOOT DEPTH OVER DRIVEWAY SURFACE. F. MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.

- 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, 5-01-17 APPROVAL PRIOR TO 11-15-01, THIS PROJECT IS GRANDFATHERED TO THE FOURTH EDITION OF TH 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 IOO YEAR FLOODPLAIN.

LOT DEVELOPMENT DATA

- . GENERAL SITE ANALYSIS DATA
- MXD-3 PER ZB-995M
- B. PROPOSED USE OF SITE: 9 SFD RESIDENTIAL DWELLINGS . PUBLIC WATER & SEWER TO BE UTILIZED (CONTR. #24-4702-D, 24-4703 & 24-4704-D)
- D. PARKING REQUIRED PER Sec. 133.D.2.a.: 2 SPACES/UNIT x 9 = 18 SPACES
- PARKING PROVIDED: 18 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-13-007 (SEE OVERALL OPEN SPACE PROVISION CHART ON THIS SHEET).

- A. AREA OF BUILDABLE LOTS FOR THIS SUBMISSION: 12,445 SF OR 1.66± AC. B. AREA OF THIS PLAN SUBMISSION: 1.85± ACRES (L.O.D.)
- C. AREA OF DISTURBANCE BY THIS SDP:

3. LOT DESIGNATION:

LOT TYPE	LOT NUMBERS	MINIMUM LOT SIZE	MIN. LOT WIDTH AT FRONT BRL	MAX. BUILDING HT.
VILLA	93-95, 100-101 \$ 174-177	5,400 SQUARE FEET	54 FEET	38 FEET (MEAN HT.)
* EVCEDT E	OR LOTS IDENTIFIED ON AMENDED CSR M	MICH CUALL MOT BE LEGG THAN I	OO! AT EDONT BO!	

EXCEPT FOR LOTS IDENTIFIED ON AMENDED CSP, WHICH SHALL NOT BE LESS THAN 100' AT FRONT BRL.

4. STRUCTURE SETBACKS PER S-06-16 AND PLAT Nos 21994-22001 4 22398-22405

LOT TYPE FRONT SETBACK SIDE SETBACK MINIMUM REAR SETBACKS 20' TO PRINCIPAL STRUCTURE. 3' FOR REAR (DETACH/ATTACH) GARAGE OR TO ACCESSORY STRUCTURES.

** THERE IS NO SIDE SETBACK (O') FOR A GARAGE. HABITABLE SPACE AND/OR OPEN/ENCLOSED DECKS MAY BE BUILT OVER ATTACHED GARAGES. IN THOSE CASES, THE GARAGE SETBACKS SHALL GOVERN.

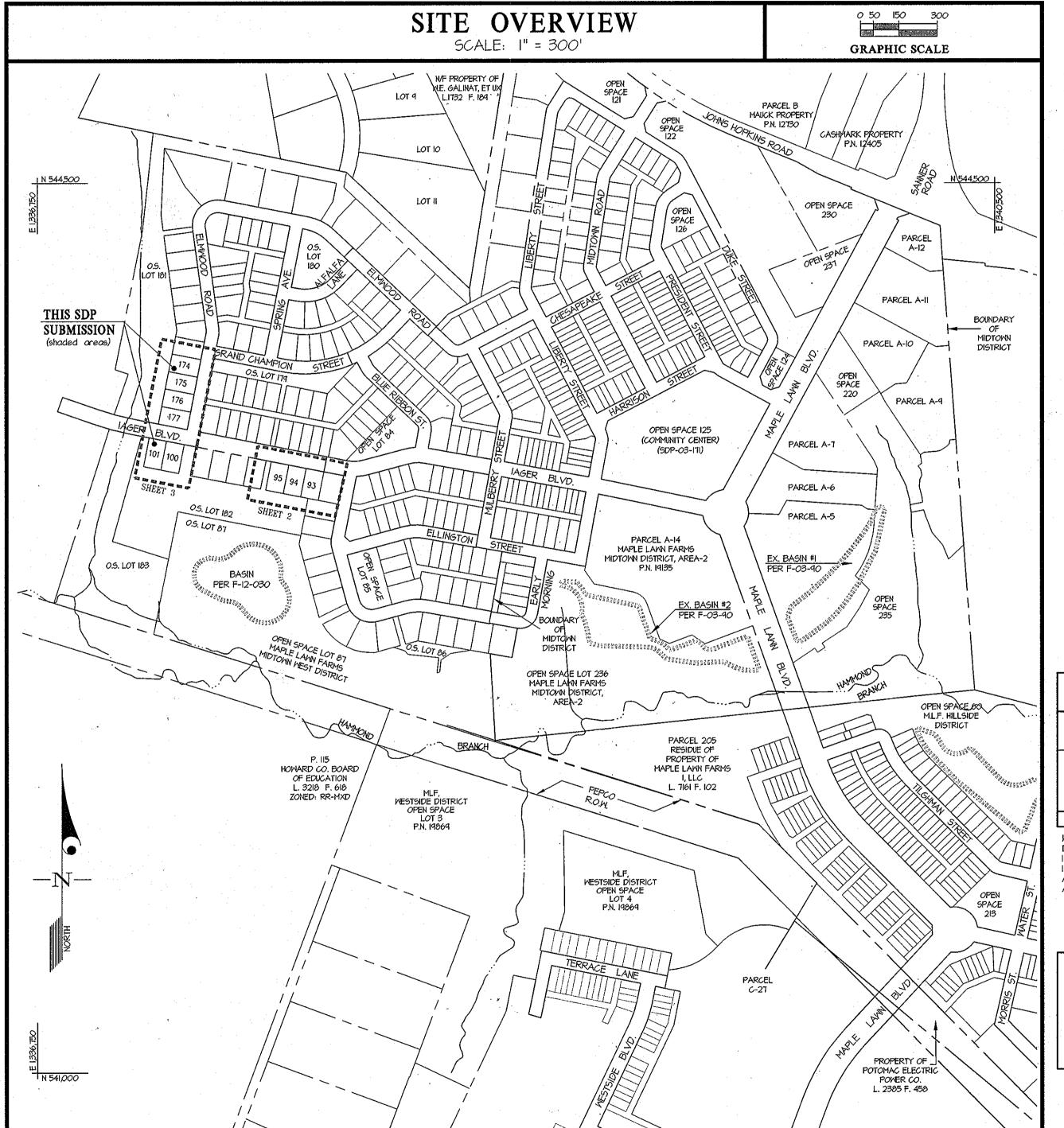
- A. A ZERO LOT LINE DWELLING UNIT MAY BE LOCATED ON ANY PROPERTY LINE WHICH IS NOT A STREET RIGHT-OF-WAY PROVIDED THAT (1) NO PART OF THE DWELLING SHALL ENCROACH ONTO THE ADJOINING LOT: (2) AN ACCESS EASEMENT FOR THE PURPOSE OF MAINTENANCE TO THE SIDE OF THE STRUCTURE SHALL BE INCLUDED IN THE DEED WHERE 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.M.) 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.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING 10.28.13 Chief, Development Engineering Division

PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975,

MAPLE LAWN FARMS SITE DEVELOPMENT PLAN

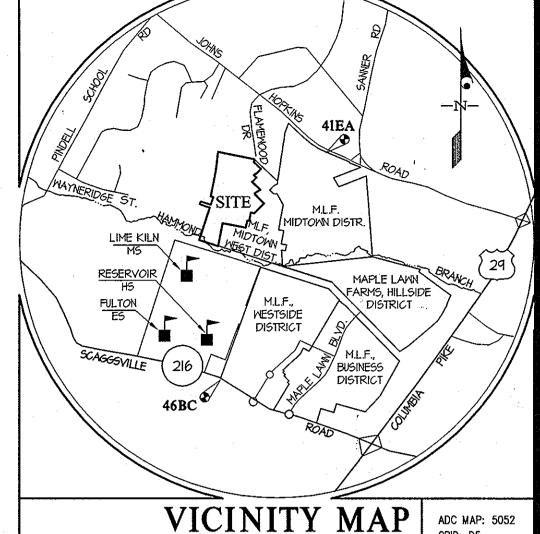
MIDTOWN WEST DISTRICT - AREA 2 LOT Nos. 93-95, 100-101 and 174-177 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



HOWARD COUNTY CONTROL NAD83 HORIZONTAL DATA & NVD88 VERTICAL DATA

ELEV. = 472.16 N = 534,925.13 E=1,337,205.77 STANDARD DISC ON CONCRETE MONUMENT

ELEV. = 401.05 N = 544,825.81 E= 1,339,217.44 STANDARD DISC ON CONCRETE MONUMENT



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. (%) ***
1 (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 (38.9)	2.06	
4a (HILLSIDE DISTRICT, AREA-I)	F-05-8I	15.47	5.41	6.70 (43.3)	0.54	0.29 (4.3) ②
4b (MIDTOWN DISTRICT, AREA-3)	F-05-139	3.12	1.09	1.23 (39.4)	0.11	<u> </u>
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	· · · · · · · · · · · · · · · · · · ·
ъ (HILLSIDE DISTRICT, AREA-3)	F-06-161	33.26	11.64	18.50 (55.6)	1.16	1.61 (8.7)
a (HILLSIDE DISTRICT, AREA-4)	F-08-012	15.05	5.27	5.50 (36.5)	0.53	
VA .	F-07-183	3.05	1.07	0.00	0.10	
b (WESTSIDE DISTRICT)	F-08-54/F-08-55	90.60	31.71	26.65 (29.4)	3.17	4.76 (17.9) ③
(HILLSIDE DISTRICT, AREA-5)	F-10-61	16.60	5.81	0.94 (5.7)	0.58	
a (HILLSIDE DISTRICT, AREA-5)	F-II-27	0.00	0.00	0.20 (0.0)	0.00	
b (WESTSIDE DISTRICT, AREA-2)	F-12-21	0.00	0.00	0.67 (0.0)	0.00	0.67 (100) ④
c (MIDTOWN WEST DISTRICT)	F-12-20	1.65	0.58	0.09 (55)	0.06	
c (MIDTOWN WEST DISTRICT)	F-12-29	30.22	10.58	13.59 (44.9)	1.06	1.29 (4.5) ⑤
/A	F-12-15	9.37	3.28	0.00 (0.0)	0.33	0.00 (0.0)
b (WESTSIDE DISTRICT, AREA-3)	F-13-03	0.00	0.00 .	0.69 (0.0)	0.00	0.69 (100)
(MIDTOWN WEST DISTRICT, AREA-2)	F-13-07	34.08	11.43	13.59 (39.9)	1.19	5.05 (37.1) ①
(GARDEN DISTRICT)	F-13-08	75.79	26.53	0.00 (0.0)	2.65	0.00 (0.0)
VA	F-12-86	15.46	5.41	3.74 (24.2)	0.54	0.00 (0.0) 🕲
TOTAL		494.93	173.23	151.84 (30.7)	17.32	21.87 (14.4)

- ** 10% 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). 7.52 AC. = COMMUNITY CENTER (O.S. 125 - 5.01 AC.), O.S. 126 (O.55 AC.) AND O.S. 230 (1.96 AC.)
- 0.29 AC. = PATHWAYS 3) 4.76 AC. = 05 LOT 4 (4.76 AC.)
- (4) 0.67 ACRES = 05 Lot 68 (0.67 Ac.)
- (0.66 Ac.) 1.29 ACRES = 05 Lot 85 (0.63 Ac.), and 05 Lot 84 (0.66 Ac.)
- (6) 0.69 ACRES = 05 115 (0.69 Ac.)
- (7) 5.05 AREAS = 05 174 (0.73 Ac.), 05 180 (0.74 oc.), 05 182 (3.58)
- (8) 3.74 Ac. = 05 3 (3.74 Ac.)

OPEN SPACE LOTS 126 AND 230 ARE CONSIDERED RECREATIONAL SINCE RESIDENTS WILL BE ABLE TO GATHER AND CHILDREN WILL BE ABLE TO PLAY IN THESE AREAS.

THIS PLAN HAS BEEN SET UP TO ALLOW MULTIPLE GRADING PERMITS IN ACCORDANCE WITH THE APPLICABLE POLICY FOR MLF.						
LOT GROUPS	DISTURBED AREA (Ac.)	LANDSCAPE SURETY AMOUNT	LANDSCAPE INSPECTION FEES PAID			
93_95, 100-101 & 174-177	1,85±	\$20,010.00	\$15 <i>0.08</i>			
TOTAL	1.85±	\$ 20,010.00	\$150.08			

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 PERMITS TO INITIATE THE CONSTRUCTION ON THIS SDP. THE BUILDER SHALL APPLY FOR BUILDING PERMITS FOR ALL CONSTRUCTION AUTHORIZED ON THIS SDP WITHIN 5 YEARS OF ITS APPROVAL.

	SHEET INDEX	<u> </u>
	COVER SHEET	
2.	SITE DEVELOPMENT PLAN	
3.	SITE DEVELOPMENT PLAN	
4. 5.	SEDIMENT CONTROL PLAN LANDSCAPE PLAN	
	LANDSCAPE PLAN	

	ADDRESS	CHAR'	Γ
No.	STREET ADDRESS	LOT No.	STREET ADDRESS
	II46I IAGER BOULEVARD	174	7792 ELMWOOD ROAD
	11465	175	7796
	11469	176	7800
	•	177	7804
	•		
)	11491 IAGER BOULEVARD		
	11495 IAGER BOULEVARD		

	PERMI'	T INFO	RM	ATI	ON CHAR	T		•	
WATER CODE: E2I					SEWER CODE: 7695000				
DEVELOPMENT NAME: MAPLE LAWN FARMS					ISTRICT/AREA OWN WEST DIST/ AREA 2	43-45, & 174-1	0TS 100-101 17	CENSUS TRACT 6051.02	
PLAT 21994-22001 \$ 22398-22405	ZONE MXD-3	TAX MAP. 41	GRI 15 (D 21	elec. dist. 5				
•		SCA	LE		ZONING		G. l	. W. FILE No.	
		AS SH	HOW	N	MXD-3			13031	
		DA.	TE		TAX MAP - (GRID		SHEET	

HOWARD COUNTY, MARYLAND

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 .04001\06013\SDP-SFD\HILLSIDE-Area 5\06013-CS (Area5).dwg DES. mbt DRN. klp CHK. mbt

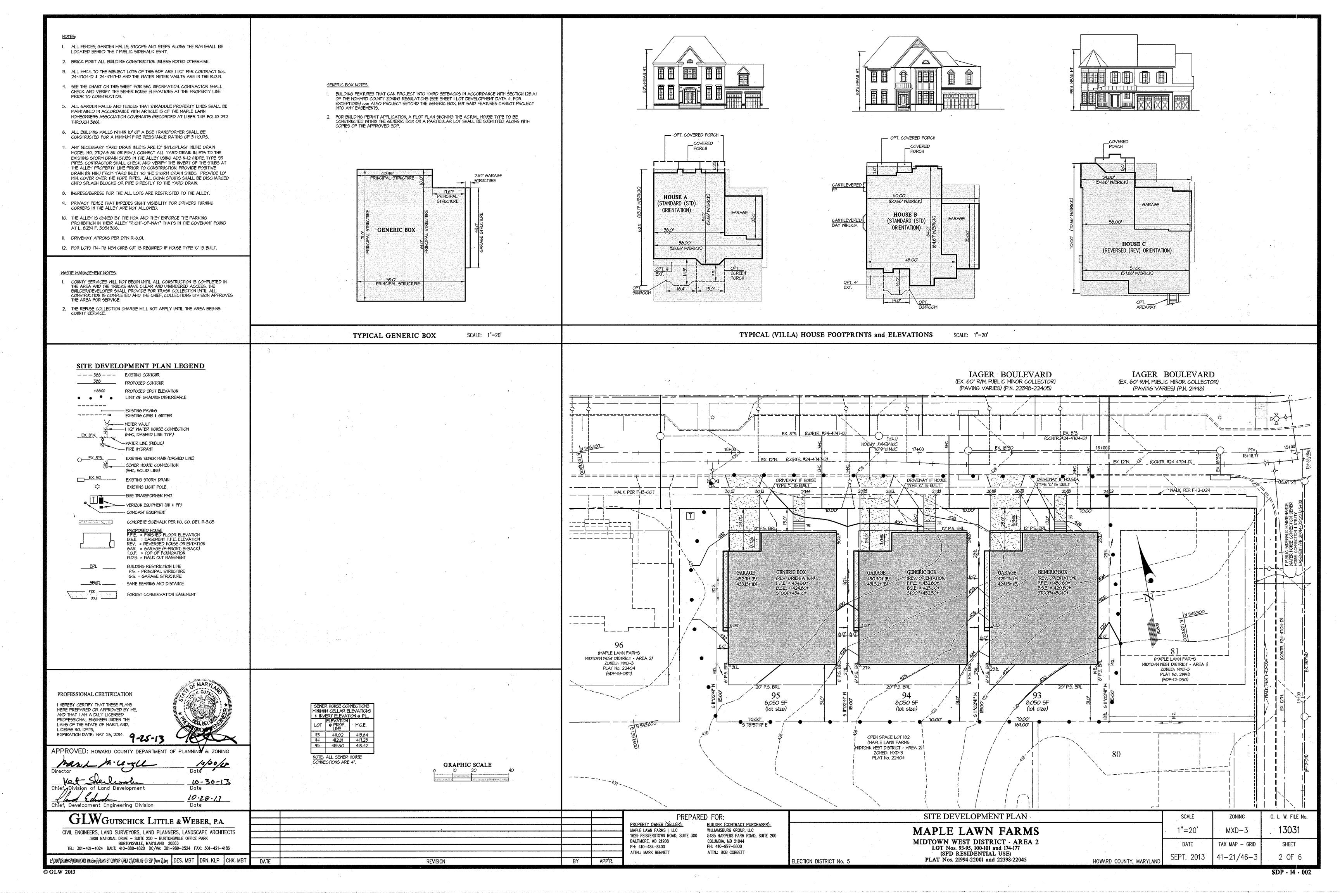
REVISION APP'R.

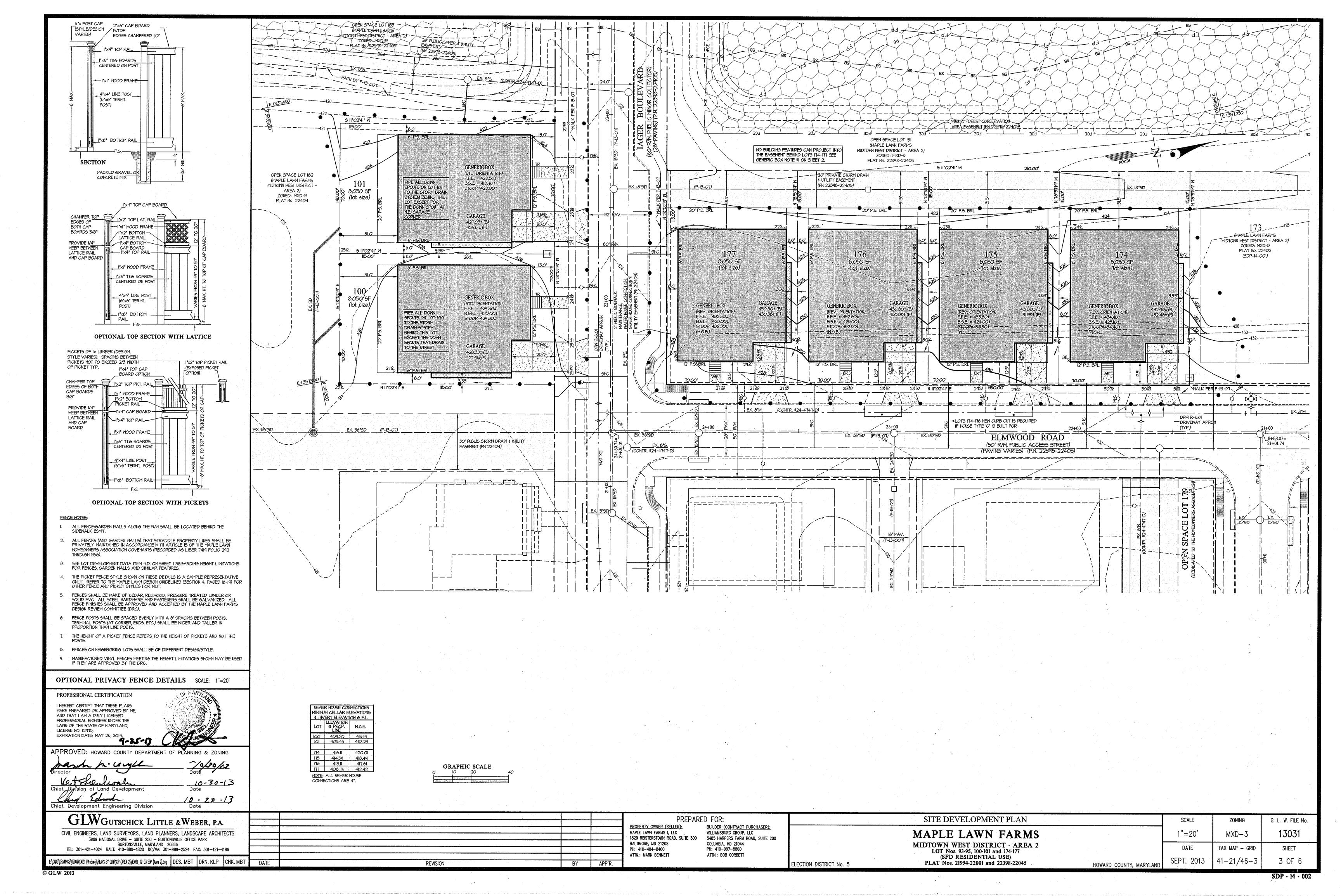
PREPARED FOR: PROPERTY OWNER (SELLER): BUILDER (CONTRACT PURCHASER): MAPLE LAWN FARMS I. LLC WILLIAMSBURG GROUP, LLC 1829 REISTERSTOWN ROAD, SUITE 300 5485 HARPERS FARM ROAD, SUITE 200 BALTIMORE, MD 21208 COLUMBIA, MD 21044 PH: 410-997-8800 PH: 410-484-8400 ATTN.: MARK BENNETT ATTN.: BOB CORBETT

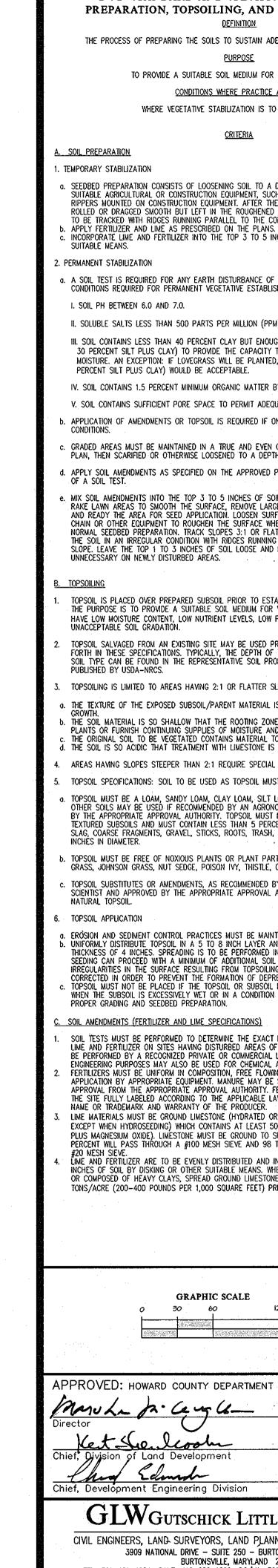
ELECTION DISTRICT No. 5

MAPLE LAWN FARMS MIDTOWN WEST DISTRICT - AREA 2 LOT Nos. 93-95, 100-101 and 174-177 (SFD RESIDENTIAL USE) PLAT Nos. 21994-22001 and 22398-22045

COVER SHEET







B-4-2 STANDARD AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

TO FROME A STANDAY DOLLARDAY ON CONTROL COMPAN. TECHNICA MARIE PACIFICA DESIGNATION. TECHNICA MARIE PACIFICA DESIGNATION. TECHNICA MARIE PACIFICA DESIGNATION. TECHNICA MARIE PACIFICA DESIGNATION. SERVER PROGRAMME CORRESTOR TO CONTROL THE THE ACCURATE ASSESSMENT OF A STANDAY OF A STANDA		PREPARATION, TOPSOILING, AND SOIL AMENDMENTS DEFINITION
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A SIGN REST IN GROUPD THE APP EARLY SETTING CETTERSHIPPOLITY OF THE WINNESS SECURIOUS PRESENCE SOURCE STATE AND AND TALL. 1. SUILEST SAID USES HIMM SO PRESENT AND		SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS OR CHISEL PLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENED, IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. 5. APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS. 6. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER
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DO SPECIES SET PLUS CLAY TO PROPRIES THE CREATED TO INEXE A MORRISH TANDARY OF LICENST THAN 30 MORRISH AND ADDRESS. THE TOTAL STATE OF THE CONTROL AND ADDRESS. THE CONTROL ADDRESS AND ADDRESS. THE CONTROL AND ADDRESS. THE CONTROL AND ADDRESS AND ADDRESS. THE CONTROL ADDRESS. THE CONT		CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE: 1. SOIL PH BETWEEN 6.0 AND 7.0.
V. SOL CONFARIS SUFFICIENT PARE SPACE TO PRINT ACEDIATE ROLD FOR METER THE 480%. SPECIAL PARES WHITE BE ANALYSISHED A TIPE OF STEEL STATE SIZES DO NOT METER THE 480%. PARES AND THE ANALYSISHED AS THE WINNERS OF A TIPE OF THE 3 TO 9 MICHES. A PRAY SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. A PRAY SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SECRETED ON THE APPROVED PLANT OR AS NIGORATE BY THE RESULTS OF A SOL TEST. AND SOL AMBRIDGHEST AS SOLD THE APPROVED PLANT OF A SOLD PLANT OF THE APPROVED PLANT		30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOVEGRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE.
CONDITIONS CARRIED OF DEFENSE LIST BY WANTINGS OF A TIME AND DEPT GRADE AS SECOND ON THE APPROVED FIRM, THEIR SEARCHER OF DEFENSE LOSSINGS TO A DEPT HE TO 3 TO STUZES. 4. PRIV. SQL. MORRIAGHTS INTO HE TOY 3 TO 5 HORRS OF SQL BY EXCHANG OR OTHER SUTHANG MEAN FOR A SQL TEST. IN SQL MARRIAGHTS WITH THE TOY 3 TO 5 HORRS OF SQL BY EXCHANG OR OTHER SUTHANG MEAN FOR A SQL TEST. IN SQL MARRIAGHTS WITH THE TOY 3 TO 5 HORRS OF SQL BY EXCHANG OR OTHER SUTHANG MEAN FOR A SQL TEST. IN SQL AREA FOR STILL APPLICATION LOCKED SHAWN CO. IN STRUCTURE OF THE APPROVED FOR EASY THE AREA FOR STILL APPLICATION LOCKED SHAWN CO. IN SQL BETWEEN THE APPROVED FOR EASY THE AREA FOR STILL APPLICATION. COME SQL THE AREA FOR STILL APPLICATION. FOR EASY THE AREA FOR STILL APPLICATION. FOR EASY THE AREA FOR STILL APPLICATION. THE SQL IN AN BESTELLIAR COUNTRY HIS FORCE TO ESTABLISHMEN AND THE APPROVED HER SQL IN AN BESTELLIAR COUNTRY HAVE AND THE APPROVED HER SQL IN AN BESTELLIAR COUNTRY HAVE AND THE APPROVED HER SQL THE A		
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PARE LAWN MARCH TO SURCH HE SURFACE. BENDER LAWS CARREST LIVE STURES AND BRANCHES, CHAIN OF CORREST AND START AND ST		
TOPOQUE ET PLACED ORDER PREPARED SISSON. PROVED THE STANDARD TO PENANTS AND PROVIDED TO PROVIDED THE PROVINCE AS SURBASE AND ENTER CONTINUED TO CONCERN HAVE USEN DOSTORE CONTEST, NOW INTREST LEVELS, DOT PRE, MARRIAST TORS TO PLANTS, AND/OR UNICODE/PREES SOIL ORDERS AND/OR UNICODE/PREES SOIL ORDERS AND/OR UNICODE/PREES SOIL ORDERS AND/OR UNICODE/PREES SOIL ORDERS AND/OR UNICODE SOIL ORDER SOIL		RAKE LAWN AREAS TO SMOOTH THE SURFACE, REMOVE LARGE OBJECTS LIKE STONES AND BRANCHES, AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRIABLE. SEEDBED LOOSENING MAY BE
2. TROPOL SAVIABLE FERM AN DESIGN STE JAVE BY USES PROVIDED THE SAMPLED OR A STATE OF THE STATE OF THE SAMPLED THE		1. TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR
BY EXCILAR OF THE EXPOSED SUBSIDIL/PARRENT MATERIAL IS NOT AREQUATE TO PRODUCE VEGETATIVE THE SIZE MARERIAL IS SO SHALLOW THAT THE ROOME ZONE IS NOT DEEP BROUCH TO SUPPORT PLANTS OR PURMEN CONTINUENCE SHIPPERS OF DISSIDILE AND PART HUTBERS. THE GROWN SAN TO BE MEET THAN 2.1 REQUIRE SECOLAL CONSERVATION AND DESIGN. A REASH HAWRO GLORES STEEPER THAN 2.1 REQUIRE SECOLAL CONSERVATION AND DESIGN. TORSOOL SPECIFICATIONS SOLD BE USED AS TORSOUL WITH DISCHARD CHEVY DAM. OR LOWER SHIPPERS OF THE APPROPRIATE APPROVAL AUTHORITY. TORSOUL MUST HAVE DEVELOPED BY THE APPROPRIATE APPROVAL AUTHORITY. TORSOUL MUST HAVE THAN 2.5 THORY SHIPPERS SHIPPERS AND SHIPPOWER STATES HAVE SHIPPED AND SHIPPOWER STATES SHIPPED AS BUSINESS OF THE APPROPRIATE APPROVAL AUTHORITY. TORSOUL MUST HAVE THAN 1.5 MARE SHIPPED BY AND SHIPPOWER SHIPPED AS SHIPPED APPROPRIATE APPROVAL AUTHORITY. TORSOUL MUST HAVE A MUST HAVE A MUST HAVE AND SHIPPED APPROPRIATE APPROVAL SHIPPED APPROVAL SHIPPED APPROPRIATE APPROVAL SHIPPED APPROVAL S		 TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY
COUNTIL CHAPTISTO AT PURSON STORMARD SUPPLIES OF MUSTURE AND PART MATERIALS. THE GROWNS SOIL TO BE VECTERATED CONTINUE MATERIAL TOWO TO PLANT GROWN. THE GROWN SOIL TO BE VECTERATED CONTINUE MATERIAL TOWO TO PLANT GROWN. THE GROWN SOIL TO BE VECTERATED CONTINUE MATERIAL TOWO TO PLANT GROWN. THE GROWN SOIL TO BE VECTERATED CONTINUE MATERIAL TOWO TO PLANT GROWN. THE GROWN SOIL TO BE VECTER THAN 2.1 REQUIRE SPECIAL CONSECRATION AND DESIGN. TOPOGUL SPECIFICATIONS SOIL DE USED AS TOPOSIL MUST MEET THE FOLLOWING CRITERAL TOPOGUL MIST BE A LOAM, SUNDY LOAM, CAN LOAM, SON CLAY LOAM, OR LOAMY SANO. OTHERS SUS, MAY BE USED P RECOMMENDED BY THE APPROPRIAL PREPRIORAL AUTHORITY TOPOGUL MUST THE A MAXING OF COMPARISHING SIGNAL SHAP WITH A PROPORTIONAL TOPOGUL MUST BE A MAXING OF COMPARISHING SIGNAL SHAP WITH A PROPORTIONAL TOPOGUL MUST TOPOGUL MUST BE A MAXING OF COMPARISHING SIGNAL SHAP WITH A PROPORTIONAL SHAPPOWER AND THE APPROPRIAL SHAPPOWER AUTHORITY TOPOGUL MUST BE A MAXING OF COMPARISHING SIGNAL SHAPPOWER AND THE APPROPRIAL SHAPPOWER AND THE APPROPRIAL SHAPPOWER AND THE APPROPRIAL SHAPPOWER AND THE APPROPRIAL APPROVED BY THE APPROPRIAL SHAPPOWER AND THE APPROPRIAL SHAPPOWER AUTHORITY, MAY BE USED IN LED OF MATURAL TOPSOL. TOPOGUL SHEET HE ADDITION TO THE APPROPRIAL APPROVAL AUTHORITY, MAY BE USED IN LED OF MATURAL TOPSOL. TOPOGUL SHEET HE APPROPRIAL TOPSOL IN A 5 TO 8 BICH LIVER AND LIGHTY COMPACT TO A MINIMUM OF MATURAL TOPSOL. TOPOGUL SHEET HE APPROPRIAL TOPSOL IN A 5 TO 8 BICH LIVER AND LIGHTY COMPACT TO A MINIMUM OF MATURAL TOPSOL. TOPOGUL SHEET HE APPROPRIAL TOPSOL IN A 5 TO 8 BICH LIVER AND LIGHTY COMPACT TO A MINIMUM OF MATURAL TOPSOL. TOPOGUL SHEET HE APPROPRIAL TOPSOL IN A 5 TO 8 BICH LIVER AND LIGHTY COMPACT TO A MINIMUM OF MATURAL TOPSOL. TOPOGUL SHEET HE APPROPRIAL TOPSOL IN A 5 TO 8 BICH LIVER AND LI		
5. TOPSOUL SPECOFICATIONS SOIL TO BE USED AS TOPSOUL MUST NEET THE FOLLOWING CRITERIA 1. TOPSOUL MUST BE A LOAM, SAIDY LOAM, CAY LOAM, SET LOAM, SAIDY CLAY LOAM, OR LOAMY SAID, OTHER SOILS AND BE USED & PRECOMEDIDE BY AN ARROW CLAY LOAM, OR LOAMY SAID, OTHER SOILS AND BE USED & PRECOMEDIDE BY THE APPROPRIATE REPROVAL AUTHORITY FOR SOIL MASS NOT BE A MATTIME OF CONTRASHING SAIG, COAKSE FRANCHESING CARLES, STORE SINCE AND SOIL MASS REPROPRIATE REPROVAL AUTHORITY FOR SOIL MASS REPROPRIATE SOME SINCE SINCE SINCE AND SOIL SOIL SECRET THAN 1.5 INCRES IN DAMEER. 2. TOPSOUL MUST BE FREE OF MOXIDUS PLANTS OR PLANT PARTS SUCH AS BERMIND GRASS, QUACK. GRASS, JOHNSON GRASS, MUST SOIL SCHOOL THAN IMPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LEG OF AND SOIL MARRIAGE. COSTOL. 3. TOPSOUL APPLICATION 4. ERROSION AND SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 4. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 5. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 6. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 7. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 8. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 8. HARDAN SEDMENT CONTROL PRACTICES MUST BE MANTAINED WERN APPLYING TOPSOUL. 9. HARDAN SEDMENT CONTROL PRACTICES MUST BE CORRECTED IN GOODER TO PREVENT THE FORMATION OF DEPTENSIONS OF WATER PROCUMED TO AUTHORITY MAY BE USED IN LEG OF TOP TOPSOUL OF THE PROCESSION OF A MORE OF THE PROCESSION OF THE PROCESSION OF THE PROCESSION OF WATER PROCESSION OF THE PROCESSION OF WATER PROCESSION OF WATER PROCESSION OF THE PROCESSION OF WATER PROCESSION OF WATER PROCESSION OF WATER PROCESSION OF THE PROCESSION OF WATER PROCESSION OF THE PROCESSION OF WATER PROCESSION OF THE PROCESS		GROWTH. b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS. c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
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GRASS, JOHNSON GRASS, NUT SEDEE, POISON IVT, THISTIE, OR OHERS AS SPECIFICD. C. TOPPOOL LAPPLICATION C. TOPPOOL LAPPLICATION G. ERGISION AND SEDMENT CONTROL PRACTICES MUST BE MAINTAINED WHEN APPLYING TOPSOIL. D. NUMFORMLY SISTEMENT FORSOIL IN A 5 TO 8 MICH LAYER AND LIGHTLY COMPACT TO A MINILUM INCOMES OF A MICHES SPECIANG IS TO 8 TO 8 MICH LAYER AND LIGHTLY COMPACT TO A MINILUM INCOMES OF A MICHES SPECIANG IS TO 8 PEPROPRIED IN SICH A MANIRER HAT SOUTHER SECONAL MINIST BE MAINTAINED WHEN APPLYING TOPSOIL. D. NUMFORMLY SISTEMENT FORSOIL IN A 5 TO 8 MICH LAYER AND LIGHTLY COMPACT TO A MINILUM INCOMES OF A MICHES SPECIAL WITH A MANIRER HAT SOUTHER SECONAL MINIST BE APPLYED AND THE MINIST BE PEPROPRIED TO SITES HAWING STURBED AREAS OF S ACRES OR MORE SOUL AMANTES MAY BE PERFORMED BY A RECOGNIZED PROVIDE TO SITES HAWING STURBED AREAS OF S ACRES OR MORE SOUL AMANTES MAY BE PERFORMED BY A RECOGNIZED PROVIDE TO MINIST BE APPLYED AND THE MINIST BE COUND THE MINIST BE COUND THE MINIST BE COUND TO SUFFICIAL BUSINESS AND MINIST BEAR THE MAKE, IRADE LAW AND MINIST BE COUND THE MINIST BE COUND TO SUFFICIAL BUSINESS AND MINIST BEAR THE MAKE, IRADE LAW AND THE MINIST BE COUND THE MINIST BE COUND TO SUFFICIAL BUSINESS AND MINISTRED AND THE MINIST BE APPLYED AND THE MINISTRED AND THE MINISTRED AND THE MINISTR		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 TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1.5
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING B. DIAFORALY DISTRIBUTE TOPSOIL IN A 5 TO 8 MOST LAYER AND LIGHTLY COMPACT TO A MINIMUM HICKNESS OF A INCHES, SPEEDOING IS TO BE REPORTED IN SUCH A MANARET HAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SQL, PREPARATION AND TILLAGE, ANY RECOLUMNIES IN THE SURPECUL RESIDENCY RESIDENCY PROCESSORY OF A MINIMUM OF ADDITIONAL SQL, PREPARATION AND TILLAGE, ANY RECOLUMNIES IN THE SURPECUL RESIDENCY WITH A MINIMUM OF ADDITIONAL SQL, PREPARATION AND TILLAGE, ANY RECOLUMNIES IN THE SURPECUL RESIDENCY WITH A MINIMUM OF A		GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED. c. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL
B. UNIFORMLY DISTRIBUTE TOPSOIL IN A 5 TO B NICH LAYER AND LIGHTLY COMPACT TO A MINIBUM HICKNESS OF A NICHES. SPEADOR STORE TO ME OFFICE MEMBERS AND A MINIBUM OF SECONG CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY REGIONAL STEEL STORE THE OFFICE AND A MINIBUM OF A MINIBUM OF A MINIBUM OF SECONG CAN PROCEED WITH A MINIMUM OF A MINIBUM OF		NATURAL TOPSOIL.
1. 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 ANALYSS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL ANALYSS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL ANALYSS. 2. FERTILIZERS MIST BE INFORMED IN COMPOSITION, FREE PROBLEMS AND SUSTABLE FOR ACCUPANTE APPROVIAL THOM PROPERTIES IN COMPOSITION, FREE PROBLEMS AND SUSTABLE FOR ACCUPANTE APPROVIAL THOM PROPERTIES AND AND THE STEP THAT AND APPROVIAL THOM PROPERTIES AND AND THE STEP THAT AND APPROVIAL THOM PROPERTIES AND AND THE STEP THAT AND APPROVIAL THOM PROPERTIES AND AND THE STEP THAT AND APPROVIATION OF THE PRODUCER. 3. LIME MARETERS MUST BE GROUND UNESTONE OF PROPERTIES AND SOLD THE STEP THE NAME, TRADE NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER. 3. LIME MARETERS MUST BE GROUND UNESTONE WIST BE GROUND TO SUCH SHORESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$200 MESH SIEVE. 4. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATION INTO THE TOP 3 TO 5 INCHES OF \$500 MESH SIEVE. 5. DETAIL OF THE STEP THE AT THE RATE OF 4 TO 8 TO NOT THE PLACEMENT OF TOP 500 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$200 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$200 MESH SIEVE. 4. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATE INTO THE TOP 3 TO 5 INCHES OF \$500 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A \$100 MESH SIEVE AND PERFORMENT OF TOP 300 MESH SIEVE AND SIEVE		b. 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 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 CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS. c. TOPSOIL MUST NOT BE PLACED IF THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING May Lage Logical Dete Chief, Division of Land Development Chief, Development Engineering Division 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		LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. SOIL ANALYSIS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES. 2. FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE 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 NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER. 3. LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A #20 MESH SIEVE. 4. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE AT THE RATE OF 4 TO 8
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING May Lage Logical Dete Chief, Division of Land Development Chief, Development Engineering Division 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		
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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		Chief, Division of Land Development Date
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L\CADO\DRAWKS\09001\13031 (\Hm8urg)\PLANS BY QLW\SDP (AREA 2)\13031_04 SC (Area 2).drg DES. MBT DRN. KLP CHK. MBT		CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866
		L'\CADD\DRAWNKS\09001\13031 (\\nBurg)\PLANS BY GLW\SDP (AREA 2)\13031_04 SC (Area 2).drg DES. MBT DRN. KLP CHK. MBT

B-4-3 STANDARDS AND SPECIFICATIONS FOR B-4-4 STANDARDS AND SPECIFICATIONS SEEDING and MULCHING FOR TEMPORARY STABILIZATION DEFINITION THE APPLICATION OF SEED AND MULCH TO ESTABLISH VEGETATIVE COVER. TO STABILIZE DISTURBED SOILS WITH VEGETATION FOR UP TO 6 MONTHS. TO PROTECT DISTURBED SOILS FROM EROSION DURING AND AT THE END OF TO USE FAST GROWING VEGETATION THAT PROVIDES COVER ON DISTURBED SOILS. CONSTRUCTION. CONDITIONS WHERE PRACTICE APPLIES EXPOSED SOILS WHERE GROUND COVER IS NEEDED FOR

CONDITIONS WHERE PRACTICE APPLIES

TO THE SURFACE OF ALL PERIMETER CONTROLS, SLOPES, AND ANY DISTURBED AREA NOT UNDER ACTIVE GRADING.

<u>Criteria</u>

SPECIFICATIONS ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY.

- ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT. REFER TO 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 RATE.

 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. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES
- MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALL 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 T IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA
- AND MAKE THE INOCULANT LESS FEFECTIVE SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.

APPLICATION . DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST

- INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON 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 WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.
- . DRILL OR CULTIPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER CULTIPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY
- HALF THE SEEDING RATE IN EACH DIRECTION. . HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER 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.

ii. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE

MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE TIME. DO NOT USE BURNT OR HYDRATED iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT INTERRUPTION. iv. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL.

B. MULCHING

. SEEDING

MULCH MATERIALS (IN ORDER OF PREFERENCE)

- STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN
- AREAS WHERE ONE SPECIES OF GRASS IS DESIRED WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.

 i. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE INSPECTION OF THE UNIFORMLY SPREAD SLURRY. APPROPRIATE COLOR TO FACILITATE VISUAL
- WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING iii. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER LINDER ACITATION AND WILL REFUD WITH SEED. FERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY THE MULCH MATERIAL MUST FORM A BLOTTER-LIKE GROUND COVER ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL MITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
- v. 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.

- a. APPLY MULCH TO ALL SEEDED AREAS IMMEDIATELY AFTER SEEDING b. WHEN STRAW MULCH IS USED, SPREAD IT OVER ALL SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE TO A UNIFORM LOOSE DEPTH OF 1 TO 2 INCHES. APPLY MULCH TO ACHIEVE A UNIFORM DISTRIBUTION AND DEPTH SO THAT THE SOIL SURFACE IS NOT EXPOSED. WHEN USING A MULCH ANCHORING TOOL, INCREASE TH
- APPLICATION RATE TO 2.5 TONS PER ACRE. WOOD CELLULOSE FIBER USED AS MULCH MUST BE APPLIED AT A NET DRY WEIGHT OF 1500 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER TO ATTAIN A MIXTURE WITH A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.

PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO

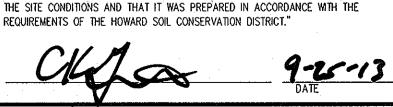
- PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES.

 THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY TH FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD LLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD ELLULOSE FIBER PER 100 GALLONS OF WATER SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-7
- TERRA TAX II, TERRA MANUFACTURER. APPLICATION OF LIQUID BINDER NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED. 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 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL

OF MARYLAND, LICENSE NO. 12975, EXPIRATION DATE: MAY 26, 2014. ENGINEER'S CERTIFICATE CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF

ENGINEER UNDER THE LAWS OF THE STATE



BUILDER'S CERTIFICATE I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF INSPECTION BY THE HSCD."

THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE 2000 9-25-13

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

TO STABILIZE DISTURBED SOILS WITH PERMANENT VEGETATION.

O USE LONG-LIVED PERENNIAL GRASSES AND LEGUMES TO ESTABLISH PERMANENT GROUND COVER on disturbed soils.

DEFINITION

CONDITIONS WHERE PRACTICE APPLIES

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

CONDITION OR PURPOSE FOUND ON TABLE B.2. ENTER SELECTED MIXTURE(S), APPLICATION

RATES, AND SEEDING DATES IN THE PERMANENT SEEDING SUMMARY. THE SÚMMARY IS TO

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

FOR AREAS RECEIVING LOW MAINTENANCE, APPLY UREA FORM FERTILIZER (46-0-0) AT 3

IN ADDITION TO THE SOIL AMENDMENTS SHOWN IN THE PERMANENT SEEDING SUMMARY.

1/2 POUNDS PER 1000 SQUARE FEET (150 POUNDS PER ACRE) AT THE TIME OF SEEDING

AREAS WHERE TURFGRASS MAY BE DESIRED INCLUDE LAWNS, PARKS, PLAYGROUNDS, AND

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

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

AND FASTERN SHORE, RECOMMENDED CERTIFIED KENTUCKY BLUEGRASS CULTIVARS

KENTUCKY BLUEGRASS/PERENNIAL RYE: FULL SUN MIXTURE: FOR USE IN FULL SUN AREAS WHERE RAPID ESTABLISHMENT IS NECESSARY AND WHEN TURF WILL RECEIVE

CULTIVARS/CERTIFIED KENTUCKY BLUEGRASS SEEDING RATE: 2 POUNDS MIXTURE PER

WITH EACH RANGING FROM 10 TO 35 PERCENT OF THE TOTAL MIXTURE BY WEIGHT.

PRONE AREAS AND/OR FOR AREAS RECEIVING LOW TO MEDIUM MANAGEMENT IN FULL

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

SELECT TURFGRASS VARIETIES FROM THOSE LISTED IN THE MOST CURRENT

UNIVERSITY OF MARYLAND PUBLICATION, AGRONOMY MEMO #77, "TURFGRASS

CHOOSE CERTIFIED MATERIAL. CERTIFIED MATERIAL IS THE BEST GUARANTEE OF

CULTIVAR PURITY. THE CERTIFICATION PROGRAM OF THE MARYLAND DEPARTMENT OF

<u>WESTERN MD</u>: 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 OF

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

PLANT GROWTH (1/2 TO 1 INCH EVERY 3 TO 4 DAYS DEPENDING ON SOIL TEXTURE) UNTIL

LATE IN THE PLANTING SEASON, IN ABNORMALLY DRY OR HOT SEASONS, OR ON ADVERSE

DATES

| Mar. 1 to May 15, | 1/4 - 1

I SEEDING

Aug. 15 to Oct. 15 1/2 IN. s.f. 1000 s.f.

DEPTHS (10-20-20) LIME RATE

(45 lb/acre)

1.0 Б/ 1000 90 Б/

THEY ARE FIRMLY ESTABLISHED. THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE

IF SOIL MOISTURE IS DEFICIENT, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER FOR

PERMANENT SEEDING SUMMARY

* Other cultivars listed as "proven" in the most current UMD TT-77 may also be used

CLASS OF TURFGRASS SOD MUST BE MARYLAND STATE CERTIFIED. SOD LABELS MUST BE

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.

(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

SOD MUST NOT BE HARVESTED OR TRANSPLANTED WHEN MOISTURE CONTENT

1000 s.f.

. SOD: TO PROVIDE QUICK COVER ON DISTURBED AREAS (2:1 GRADE OR FLATTER).

MADE AVAILABLE TO THE JOB FOREMAN AND INSPECTOR.

SOIL SCIENTIST PRIOR TO ITS INSTALLATION.

ATTN.: MARK BENNETT

APP'R.

AGRICULTURE, TURF AND SEED SECTION, PROVIDES A RELIABLE MEANS OF CONSUMER

SEEDING RATE: 11/2 TO 3 POUNDS PER 1000 SQUARE FEET.

CULTIVAR RECOMMENDATIONS FOR MARYLAND"

PROTECTION AND ASSURES A PURE GENETIC LINE

IDEAL TIMES OF SEEDING FOR TURF GRASS MIXTURES

HARDINESS ZONE: 6b

*Certified Tall Fescue blend

(95% by weight): Falcon IV.

Penn 1901 & Rebel Exeda

Certified Kentucky Bluegrass

Courtyard, Raven & Yankee

blend (5% by weight):

GENERAL SPECIFICATIONS

SEED MIXTURE: #9 (Tall Fescue/ Kentucky Bluegross)

CULTIVARS 30 TO 40 PERCENT AND CERTIFIED FINE FESCUE AND 60 TO 70 PERCENT.

TALL FESCUE/KENTUCKY BLUEGRASS: FULL SUN MIXTURE: FOR USE IN DROUGHT

000 SQUARE FEET. CHOOSE A MINIMUM OF THREE KENTUCKY BLUEGRASS CULTIVARS

MEDIUM TO INTENSIVE MANAGEMENT. CERTIFIED PERENNIAL RYEGRASS

COMMERCIAL SITES WHICH WILL RECEIVE A MEDIUM TO HIGH LEVEL OF MAINTENANCE.

ADDITIONAL PLANTING SPECIFICATIONS FOR EXCEPTIONAL SITES SUCH AS SHORELINES,

FOR SITES HAVING DISTURBED AREA OVER 5 ACRES, USE AND SHOW THE RATES

SELECT ONE OR MORE OF THE SPECIES OR SEED MIXTURES LISTED IN TABLE B.1 FOR THE

APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3), AND ENTER THEM IN THE TEMPORARY SEEDING SUMMARY BELOW ALONG WITH APPLICATION RATES, SEEDING DATES a. SELECT ONE OR MORE OF THE SPECIES OR MIXTURES LISTED IN TABLE B.3 FOR THE AND SEEDING DEPTHS. IF THIS SUMMARY IS NOT PUT ON THE PLAN AND COMPLETED, APPROPRIATE PLANT HARDINESS ZONE (FROM FIGURE B.3) AND BASED ON THE SITE

TURFGRASS MIXTURES

BE PLACED ON THE PLAN

RECOMMENDED BY THE SOIL TESTING AGENCY.

PERCENT OF THE TOTAL MIXTURE BY WEIGHT.

SUN TO MEDIUM SHADE

THEN TABLE B.1 PLUS FERTILIZER AND LIME RATES MUST BE PUT ON THE PLAN. FOR SITES HAVING SOIL TESTS PERFORMED, USE AND SHOW THE RECOMMENDED RATES BY THE TESTING ACENCY SOIL TESTS ARE NOT REQUIRED FOR TEMPORARY SEEDING 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.1.B AND MAINTAIN UNTIL THE NEXT SEEDING SEASON.

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

PRACTICES ARE REQUIRED.

TEMPORARY SEEDING SUMMARY

HARDINESS ZONE: 66 SEED MIXTURE:						FERTILIZER RATE	LIME RATE
	No.	SPECIES	APPLICATION RATE (lb/ac.)	SEEDING DATES	SEEDING DEPTHS	(10-10-10)	LIME NATI
	1	ANNUAL RYEGRASS	40 lb/ac	Mar. 1 to May 15, Aug. 1 to Oct. 15	0.5 INCHES	436 lb./ac. (10 lb./	2 tons/ac
	2	PEARL MILLET	20 lb/ac	May 16 to July 31	0.5 INCHES	1,000 sf)	1,000 sf)

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 START OF ANY CONSTRUCTION. (410-313-1855).
- 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 FROSION AND SEDIMENT CONTROL" AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A. 3 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1,
 B. 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 MUICH 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 OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:

TOTAL AREA OF SITE	:	1.66± AC.
AREA DISTURBED	:	1.85± AC.
AREA TO BE ROOFED OR PAVED	:	1.00± AC.
AREA TO BE VEGETATIVELY STABILIZED	:	0.85± AC.
TOTAL CUT	:	2,470± CY
TOTAL FILL	:	2,470± CY
OFF-SITE WASTE/BORROW AREA LOCATION	:	NONE

ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF 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. 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,
- 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 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 THE DISTURBED AREA IN THE PRECEDING GRADING UNIT HAS BEEN STABILIZED AND APPROVED BY THE ENFORCEMENT AUTHORITY. UNLESS OTHERWISE SPECIFIED AND APPROVED BY THE APPROVAL AUTHORITY, NO MORE THAN 30 ACRES CUMULATIVELY MAY BE DISTURBED AT A GIVEN TIME.

STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

OEFINITION

CONTROLLING THE SUSPENSION OF DUST PARTICLES FROM CONSTRUCTION ACTIVITIES.

TO PREVENT BLOYING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND OFF-SITE DAMAGE INCLUDING HEALTH AND TRAFFIC HAZARDS.

ONDITIONS WHERE PRACTICE APPLIES AREAS SUBJECT TO DUST BLOWING AND MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT.

SPECIFICATIONS

- MULCHES: SEE SECTION B-4-2 SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS, SECTION B-4-3 SEEDING AND MULCHING, AND SECTION B-4-4 TEMPORARY STABILIZATION. MULCH MUST BE ANCHORED TO PREVENT BLOWING
- VEGETATIVE COVER: SEE SECTION B-4-4 TEMPORARY STABILIZATION.
 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 IRRIGATION: SPRINKLE SITE WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. THE SITE
- MUST NOT BE IRRIGATED TO THE POINT THAT RUNOFF OCCURS. BARRIERS: SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AN SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. CHEMICAL TREATMENT: USE OF CHEMICAL TREATMENT REQUIRES APPROVAL BY THE APPROPRIATE PLAN REVIEW AUTHORITY.

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT

CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

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 TO 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

HE NEW SOD PAD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. COMPLETE E OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD WITHIN EIGHT HOURS. SOD MAINTENANCE

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.

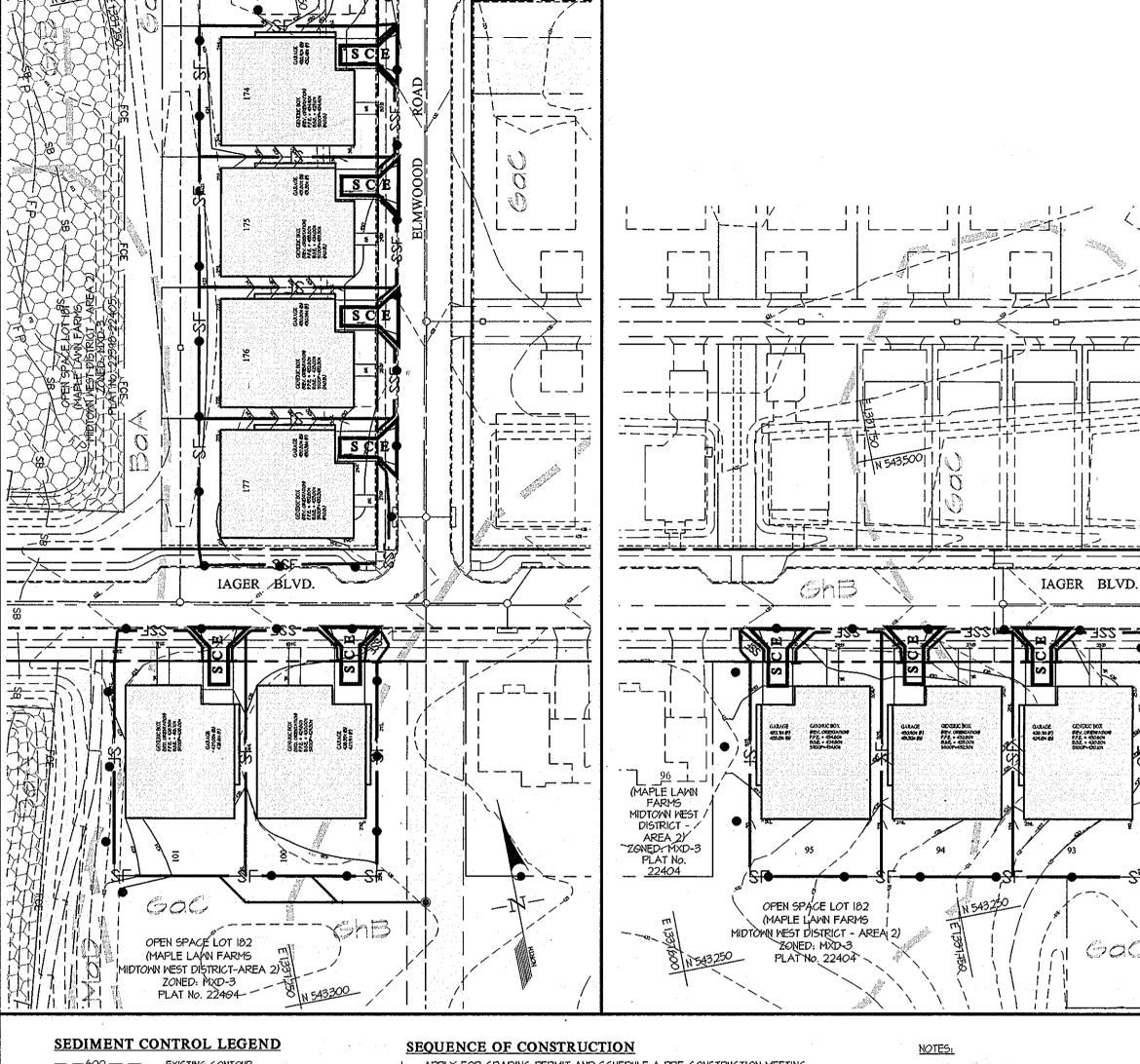
AFTER THE FIRST WEEK, SOD WATERING IS REQUIRED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE CONTENT. DO NOT MOW UNTIL THE SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF MUST BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. MAINTAIN A GRASS HEIGHT OF AT LEAST 3 INCHES UNLESS OTHERWISE SPECIFIED.

PREPARED FOR:

PROPERTY OWNER (SELLER): BUILDER (CONTRACT PURCHASER): MAPLE LAWN FARMS I, LLC WILLIAMSBURG GROUP, LLC 1829 REISTERSTOWN ROAD, SUITE 300 BALTIMORE, MD 21208 COLUMBIA, MD 21044 PH: 410-484-8400 PH: 410-997-8800

5485 HARPERS FARM ROAD, SUITE 200 ATTN.: BOB CORBETT

ELECTION DISTRICT No. 5



PROPOSED CONTOUR LIMIT OF GRADING DISTURBANCE SILT FENCE

STABILIZED CONSTRUCTION ENTRANCE SOILS DELINEATION

GaC ------ SOILS

- I. 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. Duration: 1/2 day. 2. 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: I-day.
- 3. GRADE SITE FOR HOUSE CONSTRUCTION. PROVIDE DUST CONTROL AS NECESSARY. Duration: 2 days.
- 4. CONSTRUCT HOUSES, UITILITY CONNECTIONS, GARAGES, DRIVEWAYS AND SIDEWALKS. Duration: 3-4 months.
- 5. AS EACH HOUSE/GARAGE IS COMPLETED, FINAL GRADE THE LOT, INSTALL FENCES AND PLANT MATERIAL AND STABILIZE ALL BARE DIRT AREA WITH PERMANENT SEEDING OR WITH SOD. Duration: 2-days.
- 6. ONCE AREA DRAINING TO SEDIMENT CONTROL MEASURES HAVE BEEN STABILIZED, OBTAIN PERMISSION FROM THE CSCI TO REMOVE THE SEDIMENT CONTROL ITEMS. Duration: 1/2 day.
- 7. OBTAIN INSPECTION FOR RELEASE OF SURETY (FOR GRADING AND LANDSCAPING). Duration: 1/2 day

8. OBTAIN USE AND OCCUPANCY PERMIT THEN FINALIZE SETTLEMENT.

LOT 87 PER F-12-030 (SEE SHEET #1).

2. IF HOUSE CONSTRUCTION IS CONCURRENT WITH ROAD CONSTRUCTION, COORDINATE THE WORK ON THESE PLANS WITH F-12-024, F-12-30 AND F-13-007.

TEMPORARY SWM IS PROVIDED BY THE EXISTING BASIN ON OPEN SPACE

IAGER BLVD.

(MAPLE LAWN FARMS

IIDTOWN WEST DISTRICT

AREA I)

PLAT No. 21998

- 3. NO STOCKPILE WILL BE PERMITTED ON SITE.
- 4. SOILS SHOWN ARE PRE-DEVELOPMENT CONDITION. THE SITE IS MASS SRADED 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 TANDARD SEEDING AND STABILIZATION NOTES WHICHEVER IS MORE

DETAIL E-3 SUPER SILT FENCE DETAIL E-1 SILT FENCE DETAIL E-1 SILT FENCE **ENTRANCE** -----SSF-----I CENTER TO CENTER 36 IN MIN. FENCE POST LENGTH MOUNTABLE BERM [MM.) USE WOOD POSTS 1% X 1% \pm χ_0 rich (minimum) square cut of scurid quality hardwood. As an alternative to wooden post use standard "t" or "u" section steel posts working not less than 1 pound per linear foot. THE IN MEN. HEIGHT OF WOVEN SUT FILM GEOTEXTILE . USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APAI USE WOVEN SUIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 WATERIALS AND FASTEN GEOTEXTILE SECURELY TO USE, OPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION. GROUND SURFACE---PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/EMPORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREDHIS IN SECTION HIT MATERIALS. ELEVATION CALVANIZED CHAIN UNK FENCE WITH WOVEN SUIT FILM GEOTEXTILE . EMBED CEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE CROWND, BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC. NHERE TWO SECTIONS OF GEOTEXTRE ADJOIN: OVERLAP, THIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. FENCE POST 18 IN MIN. WOVEN SUT FIUX - UNDISTURBED EXTEND BOTH DIOS OF THE SLT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE AUGMENT TO PREVENT RUNOFF FROM GOING AROUND THE END OF THE SLLT FENCE. OVEN SUT FILM GEOTEXTILE... NOW -REMOVE ACCUMULATED SECREDIT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT, REPLACE CEDTEXTILE IF TORM, IF UNDERWINNING OCCURS DEPLETAL FENCE. PLAN VEW CROSS, SECTION PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VIDICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE USE MANAGAN LENGTH OF 50 FEET ("30 FEET FOR SWILE RESIDENCE LOT). USE MANAGAN WITH OF 10 FEET, PLARE SCE 10 FEET MANAGAN AT THE COSTING ROAD TO PROVIDE A TURNING RADIUS. I. INSTALL 2% INCH DIAUTER CALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SX FOO LENGTH SPACED NO FURTHER THAN 10 FEET APART, DRIVE THE POSTS A MARBARM OF 36 INCHES INTO THE CROUND. PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SEE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE, PROTECT PIPE INSTALLED THROUGH THE SEE WITH A MOUNTAINED BERM WITH OIL SLOPES AND A MINIAUM OF 12 NOTES OF STONE OVER THE PIPE PROVIDE PIPE A SPECIATED ON APPROVED PLAN, WHEN THE SEE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINM TO CONJUCY, A PIPE IS INDIVINCESSARY, A MOUNTAINE BODM IS REQUIRED WHEN SEC IS NOT FASTEN 9 GAUGE OR HEAVER GALVANZED CHAIN LINK FENCE (2% INCH MAXMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS. 5. FASTEN WOVEN SUIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATCHALS, SECURELY TO TH UPSLOPE SOLO OF CHAIN LINK FENCE WITH THES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION, EMBED GEOTEXTILE AND CHAIN LINK FENCE A MANIQUE OF 8 INCHES INTO THE GROUPS. PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIAL I, WHERE ENDS OF THE GEOTEXTILE COME TOCETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDMENT BY PASS. 4. PLACE CRUSHED AGGRECATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOU REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE. EXTEND BOTH ENDS OF THE SUPER SLT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALKONMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SLT FENCE. 5. MAINTAIN ENTRANCE IN A CONDITION THAT MONINZES TRACKING OF SEQUIDAT, ADO STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTAINE BERM, AND SPECIFICD DUMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SECIMENT SPALLED, OROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUAMING, SCRAPING, AND/OR SWEEPING, WASHING ROADWAY TO REMOVE MOU TRACKED ONTO PAYOUNCH SO OF ACCEPTABLE UNLESS WASH WATER IS DIRECTED ON AN APPROVED SCIONERY CONTROL PRACTICE. PROMDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FONCE HEIGHT, REPLACE GEOTEXTILE IF TORM, IF UNDERWINDING OCCURS, REINSTALL CHAIN LINK FENONO AND GEOTEXTILE. varyland standards and specifications for soil erosion and sediment contro U.S. DEPARTMENT OF AGRICULTURE WAITER MANAGEMENT ADMINISTRATION U.S. DEPARTMENT OF AGRICULTURE WAIT U.S. DEPARTMENT OF ACRICULTURE 2011 MARYLAND DEPARTMENT OF DEVARONMEN NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT ADMINISTRATION

THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY

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SEDIMENT CONTROL PLAN		SCALE	ZONING	G. L. W. FILE No
MAPLE LAWN FARMS		1"=50'	MXD-3	13031
MIDTOWN WEST DISTRICT - AREA 2 LOT Nos. 93-95, 100-101 and 174-177		DATE	TAX MAP — GRID	SHEET
(SFD RESIDENTIAL USE) PLAT Nos. 21994-22001 and 22398-22045	HOWARD COUNTY, MARYLAND	SEPT. 2013	41-21/46-3	4 OF 6

