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.

SEE VICINITY MAP IN THE TOP RIGHT CORNER OF THIS SHEET

ELECTION DISTRICT: 5 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 (Nos. 376-386, 424-432 & 434-441) FOR THIS SITE DEVELOPMENT PLAN: 2.22± ACRES. FOR OTHER SUBMISSIONS RELATED TO THIS SITE. SEE HOWARD COUNTY DEPT. OF PLANNING \$ ZONING FILE NOS.: 9-01-17, 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, F-05-81, F-05-82, F-05-112/113, S-06-16, F-05-139, F-06-43, P-07-02, F-08-177, F-06-161, ZB-1039M, PB-378,

- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MITC). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- 6. 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. 1. EXISTING TOPOGRAPHY AND FEATURES COMPILED FROM F-06-161, F-08-072 & G.L.N. SURVEY DONE IN MAY/2009
- 8. COORDINATES ARE BASED ON NAD83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NUMBERS 41EA \$ 46B2
- SATISFIED BY TWO EXISTING REGIONAL FACILITIES CONSTRUCTED UNDER F-05-81 AND F-06-161. THE EXISTING FACILITIES ON OPEN SPACE LOT 60 AND OPEN SPACE LOT 215 WILL BE PUBLICLY OWNED AND MAINTAINED. THE RECHARGE REQUIREMENTS FOR THIS DEVELOPMENT WILL BE PROVIDED IN A PRIVATELY OWNED AND MAINTAINED FACILITY ON OPEN SPACE LOT 214. THE EXISTING RECHARGE FACILITY IS AN INFILTRATION TRENCH WHICH WAS CONSTRUCTED UNDER F-06-161.
- 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.
- 13. ANY DAMAGE TO THE ADJACENT COUNTY OWNED RIGHT-OF-WAY AND PROPERTY SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- 14. 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.
- 15. 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-08-072.
- FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING (AS SHOWN ON SHEETS 6 & 7 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 SHEETS 6 & 7 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:
- B. SURFACE 6" OF COMPACTED CRUSHER RUN BASE WTAR AND CHIP COATING (I-I/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 MEATHER USE.
- PUBLIC REFUSE PICKUP IS PROVIDED IN THE ALLEY FOR THESE LOTS.
- BAY WINDOWS, WINDOW WELLS, CHIMNEYS, HEATING OR AIR CONDITIONING WITS 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
- 20. AS A CONSEQUENCE OF THE SKETCH PLAN, S-01-17 APPROVAL PRIOR TO 11-15-01, THIS PROJECT IS GRANDFATHERED TO THE FOURTH EDITION OF TH
- THE TWO CAR GARAGES SHALL BE USED FOR PARKING PURPOSES ONLY AND ARE NOT PERMITTED TO BE CONVERTED TO OTHER USES IN ACCORDANCE WITH 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.
- 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.
- 23. MINIMUM BUILDING SETBACK RESTRICTIONS FROM PROPERTY LINES AND THE PUBLIC ROAD RIGHTS OF WAY FOR ALL SFD AND SFA RESIDENTIAL LOTS WILL BE PROVIDED IN ACCORDANCE WITH THE COMPREHENSIVE DEVELOPMENT CRITERIA APPROVED FOR THIS PROJECT UNDER 5-01-17, 5-06-16, PB-353, PB 378 AND ZB-945M.

- 26. WP-06-92 WAIVER REQUEST FROM SECTION 16.132(a)(2)(ii) WHICH REQUIRES CONSTRUCTION OF ROAD IMPROVEMENTS FOR THE ENTIRE LENGTH AND THE FULL DESIGNATED PAVEMENT OF OLD COLUMBIA ROAD WHERE A DEVELOPER OWNS LAND ON BOTH SIDES OF A LOCAL OR MINOR COLLECTOR ROAD FOR A MAJOR SUBDIVISION, FROM SECTION 16.134(a)(1) - WHICH REQUIRES THE CONSTRUCTION OF SIDEWALKS ALONG THE PROJECT FRONTAGE ON AN EXISTING PUBLIC ROAD, OLD COLUMBIA ROAD IN A MAJOR SUBDIVISION, AND FROM SECTION 16.136 & 16.124(e) - WHICH REQUIRES THE INSTALLATION OF STREET TREES IN ACCORDANCE WITH THE ANDSCAPE MANUAL ALONG BOTH SIDES OF AN EXISTING PUBLIC ROAD, OLD COLUMBIA ROAD WHERE ROAD IMPROVEMENTS ARE REQUIRED, WAS APPROVED ON APRIL 19, 2006. SUBJECT TO THE FOLLOWING CONDITIONS:
 - A. COMPLIANCE WITH THE SRC AGENCIES COMMENTS FOR FINAL PLAN, F-06-161. B. THE PROPOSED ROAD IMPROVEMENTS (RESURFACING AND RE-STRIPING) AND STREET TREES ON
 - THE WEST SIDE OF OLD COLUMBIA ROAD SHALL BE PROVIDED AS SHOWN ON F-06-161.
- 27. WP-01-III ON MAY 2, 2001, WP-01-III WAS GRANTED FOR THE FOLLOWING:
- ADDITIONAL POINTS OF ACCESS ALLOWED ONTO SANNER ROAD OTHER THAN THOSE PERMITTED BY 16.119(F)(I), SUBJECT TO FURTHER ANALYSIS AND APPROVALS AT
 - RESIDENTIAL LOTS ARE ALLOWED TO FRONT ON NEIGHBORHOOD PARKS INSTEAD BEING LIMITED FRONTAGE ON PUBLIC RAYS AS IN 16.120(C)(2), SUBJECT TO ADEQUATE PRIVATE ALLEY ACCESS

LOT DEVELOPMENT DATA

- I. GENERAL SITE ANALYSIS DATA
- B. PROPOSED USE OF SITE: 27 SFD RESIDENTIAL DWELLINGS . PUBLIC WATER & SEWER TO BE UTILIZED (CONTR. NOs. 24-4328-D, 24-4646-D & 24-4685-D)
- D. PARKING REQUIRED PER Sec. 133.D.2.a.: 2 SPACES/UNIT x 27 = 54 SPACES PARKING PROVIDED: 54 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: 96,803 SF OR 2.22± AC.
- B. AREA OF THIS PLAN SUBMISSION: 2.62± ACRES (L.O.D.)
- C. AREA OF DISTURBANCE BY THIS SDP: 2.62± ACRES

3. LOT DESIGNATION:

LOT TYPE MAX, BUILDING HT. LOT NUMBERS MIN, LOT WIDTH AT FRONT BRL 376-386, 424-432 38 FEET (MEAN HT. 2,500 SQUARE FEET

COTTAGE LOT TYPE IS SFD

4. STRUCTURE SETBACKS PER S-06-16 AND PLAT No. 18744

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. A. A ZERO LOT LINE DWELLING UNIT MAY BE LOCATED ON ANY PROPERTY LINE WHICH IS NOT A STREET RIGHT-OF-WAY PROVIDED THAT (I) 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.

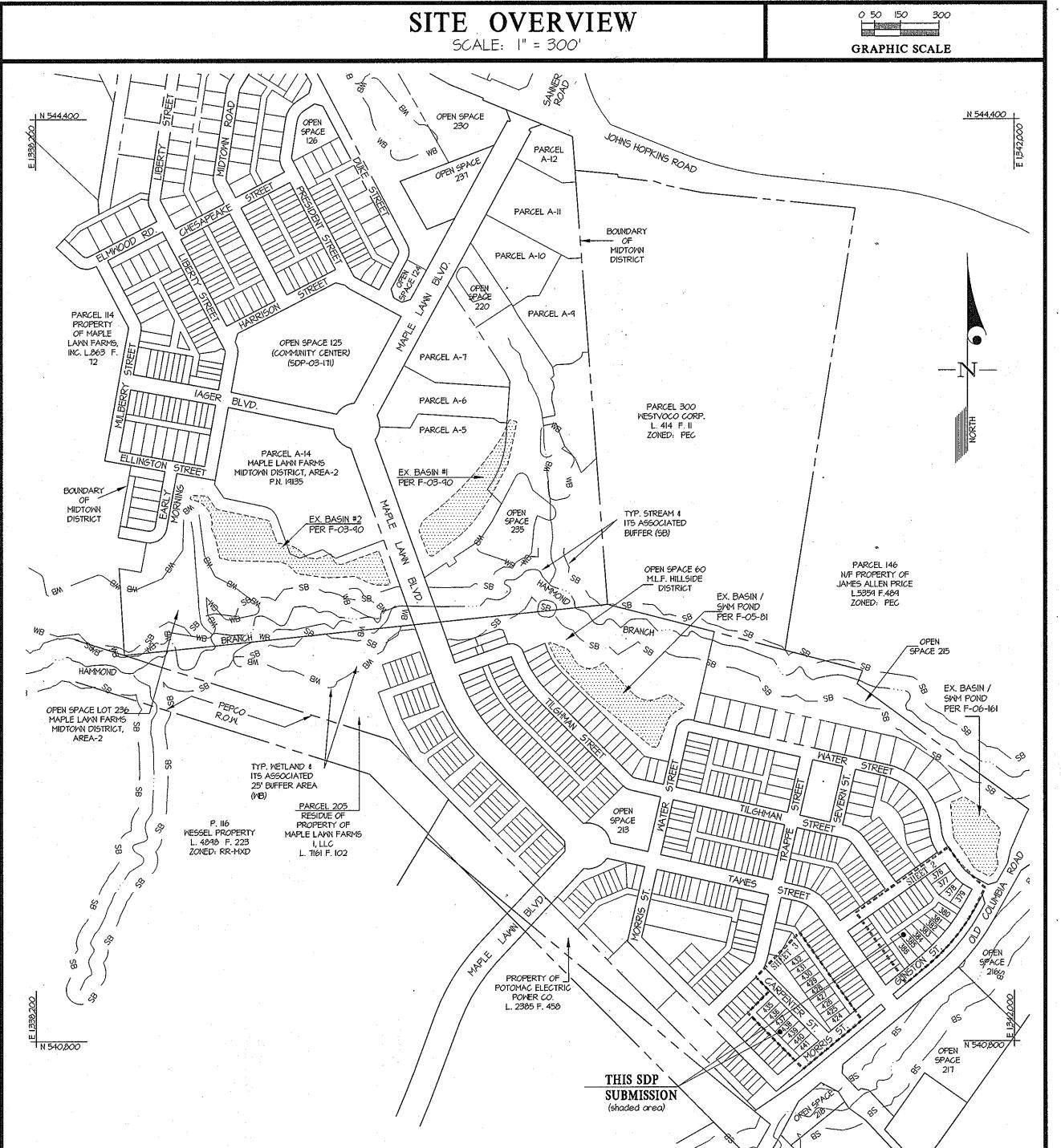
- B. OPEN DECKS MUST BE A MINIMUM OF 10' FROM REAR PROPERTY LINE, AND ARE SUBJECT TO SIDE YARD SETBACKS.
- C. FACING ACCESSORY STRUCTURES AND DETACHED GARAGES (ACROSS AN ALLEY/LANE R.O.M.) SHALL BE 30' APART.
- D. EXCEPTIONS TO FRONT SETBACK REQUIREMENTS. SECTION 128.A.I APPLIES, EXCEPT FOR THE FOLLOWING:
 - PORCHES MAY ENCROACH INTO THE FRONT YARD TO WITHIN 2' FROM THE PROPERTY LINE OR RIGHT-OF-WAY FOR TOWNHOUSES, COTTAGES AND MANORS. PORCHES MAY ENCROACH INTO THE SIDE YARD OF CORNER LOTS TO WITHIN 2' FROM RIGHT-OF-WAY FOR COTTAGES AND MANORS. WHERE A SIDE YARD ABUTS AN OPEN SPACE OR PASSAGE, PORCHES MAY ENCROACH TO WITHIN I' FROM SIDE PROPERTY LINE FOR COTTAGES AND MANORS.
 - 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; NOT GREATER THAN 48" ALONG THE FRONT PROPERTY LINE AND NOT GREATER THAN 72" ALONG THE SIDE AND REAR PROPERTY LINES.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING	PROFESSIO
Director & Butles 11/9/11 Date	I HEREBY CE
Director	WERE PREPA AND THAT I
Chief, Division of Land Development & Date	PROFESSION LAWS OF THE
Chief, Division of Land Development & Date	LICENSE NO.

NAL CERTIFICATION RTIFY THAT THESE PLANS RED OR APPROVED BY ME, AM A DULY LICENSED AL ENGINEER UNDER THE STATE OF MARYLAND, EXPIRATION DATE: MAY 26, 2012.

MAPLE LAWN FARMS SITE DEVELOPMENT PLAN

HILLSIDE-DISTRICT -- AREA 5 LOTS 376-386, 424-432 and 435-441 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

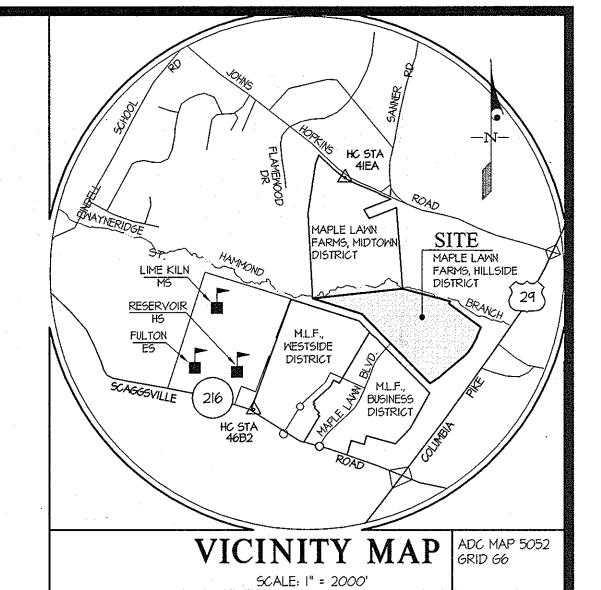


HOWARD COUNTY CONTROL

NAD83 HORIZONTAL DATA \$ NVD88 VERTICAL DATA

4IEA N 544825.809 E 1339217.444 ELV.=407.053

46B2 N 539987.7277 E 1337218.484 ELV.=474.671



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 (38.9)	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)	0.00	
4c (BUSINESS DISTRICT, AREA-2/ HILLSIDE DISTRICT, AREA-2)	F-05-II2/II3	3.00	1.05	0.00	0.10	
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 (55.4)	1.16	1.61 (8.7)
6a (HILLSIDE DISTRICT, AREA-4)	F-08-012	15.05	5.27	5.50 (36.5)	0.53	
NA	F-07-183	<i>3.0</i> 5	1.01	0.00	0.01	
6b (WESTSIDE DISTRICT)	F-08-54/F-08-55	90.60	31.71	26.65 (29.4)	3.17	4.76 (17.9) ③
T (HILLSIDE DISTRICT, AREA-5)	F-10-61	16.60	5.81	0.94	.581	
TOTAL		328.36	114.92	119.27 (36.3)	II.28	14.18 (12.0)

- * THE PERCENTAGE OF OPEN SPACE PROVIDED IS BASED ON THE GROSS SITE ACREAGE ** 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). (1) 7.52 AC, = COMMUNITY CENTER (0.5, 125 - 5.01 AC.), 0.5. 126 (0.55 AC.) AND 0.5. 230 (1.96 AC.)
- (2) 0.29 AC. = PATHWAYS
- 3 4.76 AC. = OS LOT 4 (4.76 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.

LOT GROUPS	DISTURBED AREA	LANDSCAPE SURETY AMOUN	IT	LANDSCAPE INSPECTION FEES PAID
376-386	1.20± AC	\$ 7,440.00		\$ 100.00
424-432 & 435-441	1.42± AC	\$ 10,020.00		\$ 100.00
TOTAL	2.62± AC	\$ 17.460.00		\$ 200.00

APPLY FOR BUILDING PERMITS FOR ALL CONSTRUCTION AUTHORIZED ON THIS SDP WITHIN 2 YEARS OF ITS APPROVAL.

SHEET INDEX

- SITE DEVELOPMENT PLAN / SITE DETA SITE DEVELOPMENT PLAN / SITE DETA
- SEDIMENT CONTROL PLAN SEDIMENT CONTROL NOTES & DETAILS LANDSCAPE PLAN / LANDSCAPE NOT LANDSCAPE PLAN / LANDSCAPE NOTE

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LOT No.	STREET ADDRESS			LOT No.	STREET ADDRESS			
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377	7784			425	7504			
378	7786			426	4506		·	
379	7788	<u> † </u>		421	7508			
				428	7510			
380	8810 GUNSTON STREET				7512			
381	8812			430	7514			
382	8814			431	7516		•	
383	8816			432	7518	- 4		
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386	8822	•		436	7513			
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NATER CODE:			SEWER	CODE:	·			
E2I			76950	000				
DEVELO	DEVELOPMENT NAME:			DISTRIC	T/AREA	LO'		CENSUS TRACT
MAPLE LAWN FARMS, HILLSIDE DISTRICT - AREA 5				/AREA-5	376-38 424-43 435-44	2, 2, ≰	6051.02	
PLA	•	ZONE	TAX MAP	GRID	ELEC. I	DIST.		
21409-	4 4	MXD-3	41	15,16, 21 4 22	5	1		

ADDRESS CHART

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

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

BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

PROPERTY OWNER (SELLER): MAPLE LAWN FARMS I. LLC 1829 REISTERTOWN ROAD, SUITE 300 BALTIMORE, MD 21208 PH: 410-484-8400 attn: MARK BENNETT

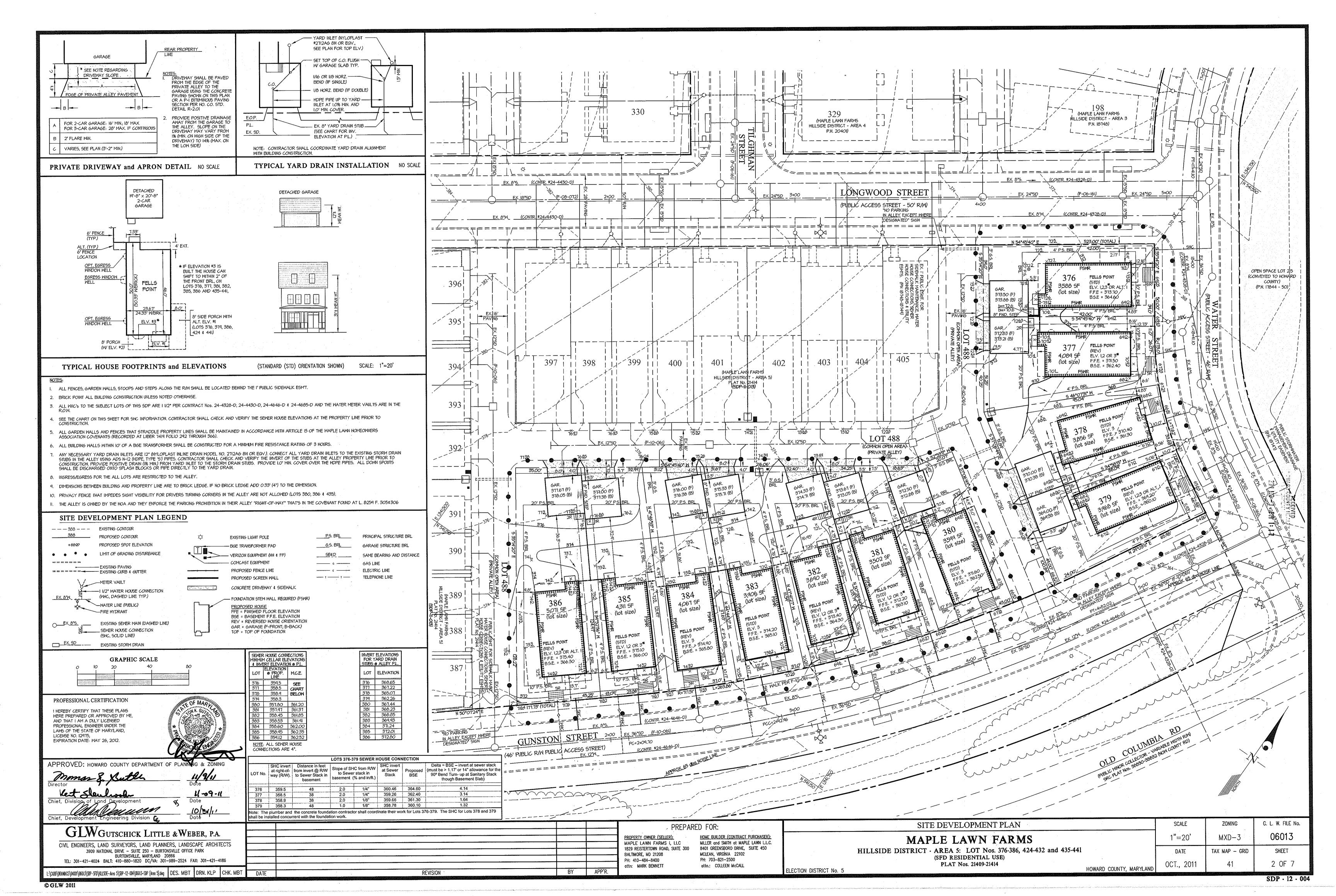
PREPARED FOR: HOME BUILDER (CONTRACT_PURCHASER): MILLER and SMITH at MAPLE LAWN L.L.C. 8401 GREENSBORO DRIVE, SUITE 450 MCLEAN, VIRGINIA 22102 PH: 703-821-2500 attn.: COLLEEN McCALL

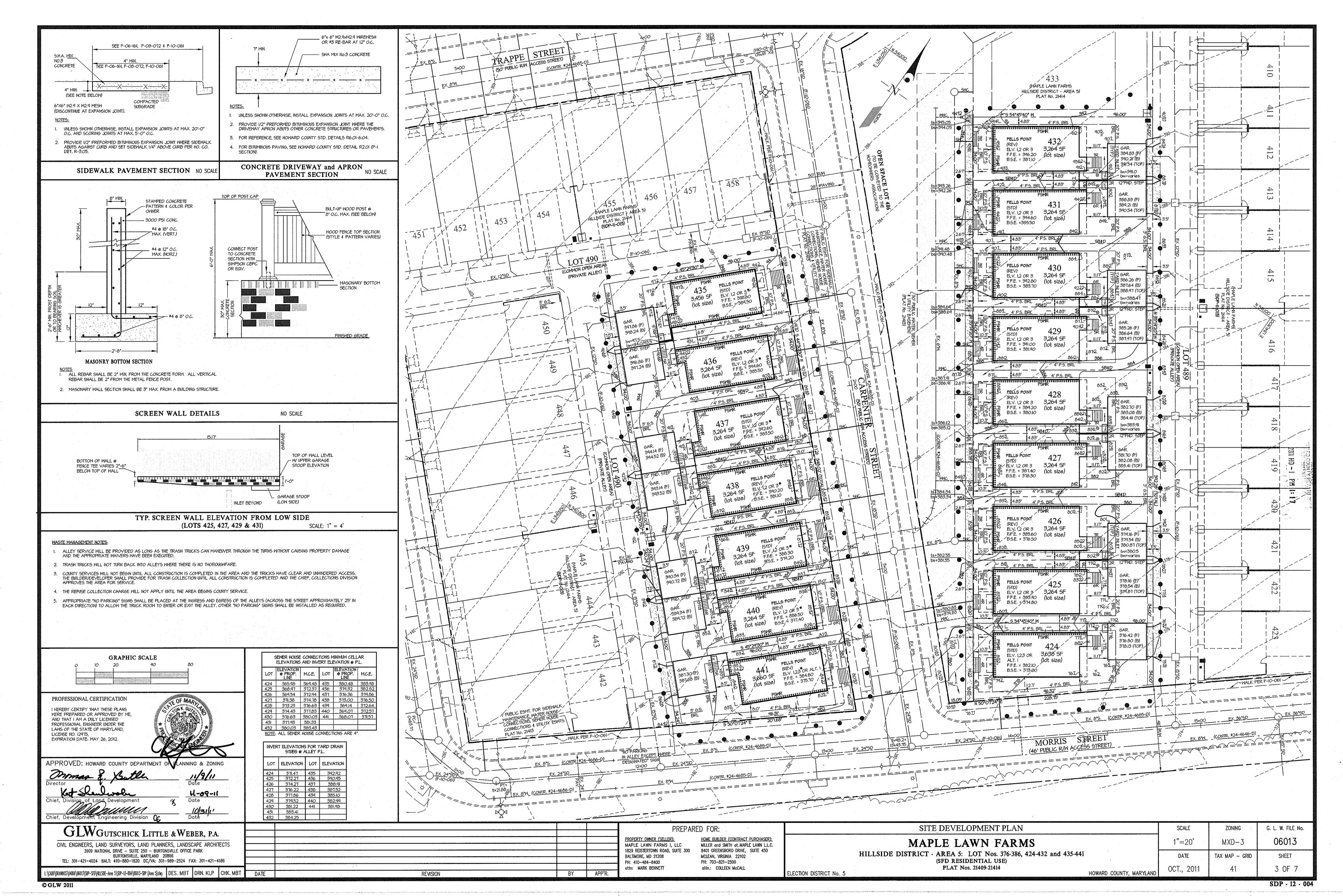
LECTION DISTRICT No. 5

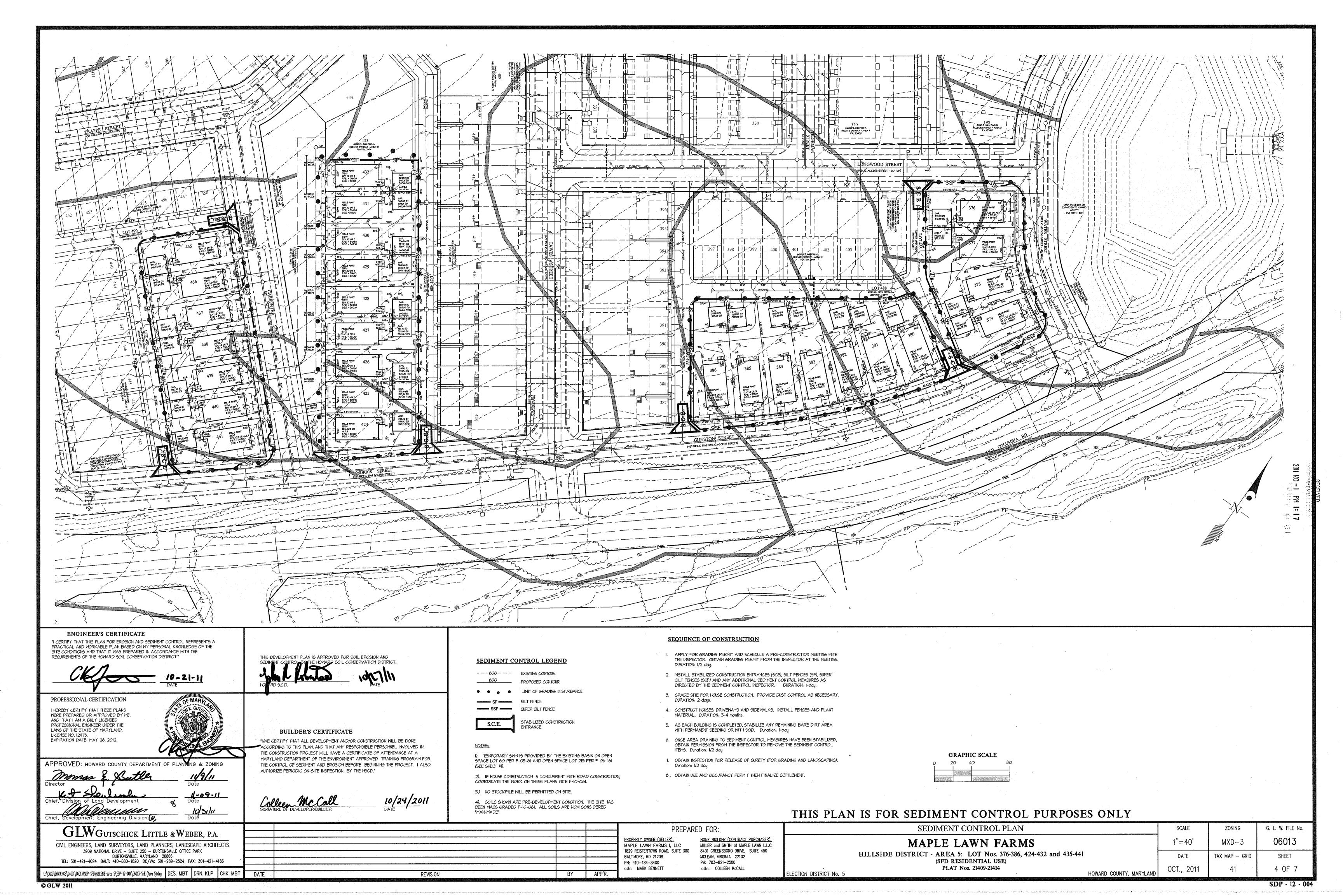
MAPLE LAWN FARMS (SFD RESIDENTIAL USE)

COVER SHEET HILLSIDE DISTRICT - AREA 5: LOT Nos. 376-386, 424-432 and 435-441 PLAT Nos. 21409-21414

G. L. W. FILE No. AS SHOWN TAX MAP - GRID OCT., 2011 HOWARD COUNTY, MARYLAND







Test: MSMT 322

Filtering Efficiency 75% (min.)

folded and stapled to prevent sediment bypass.

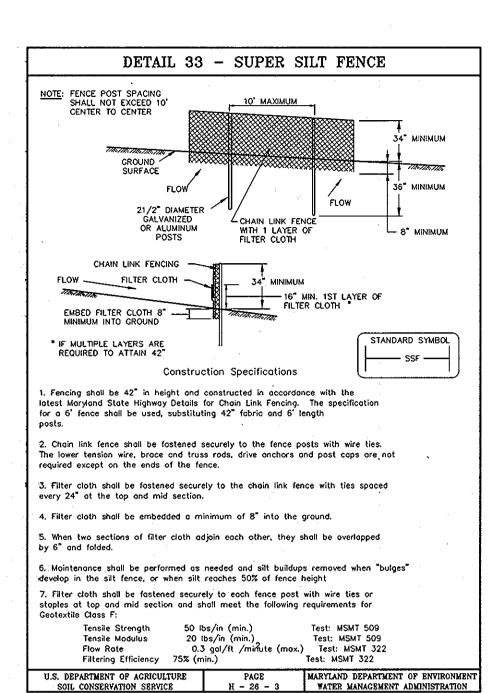
U.S. DEPARTMENT OF AGRICULTURE

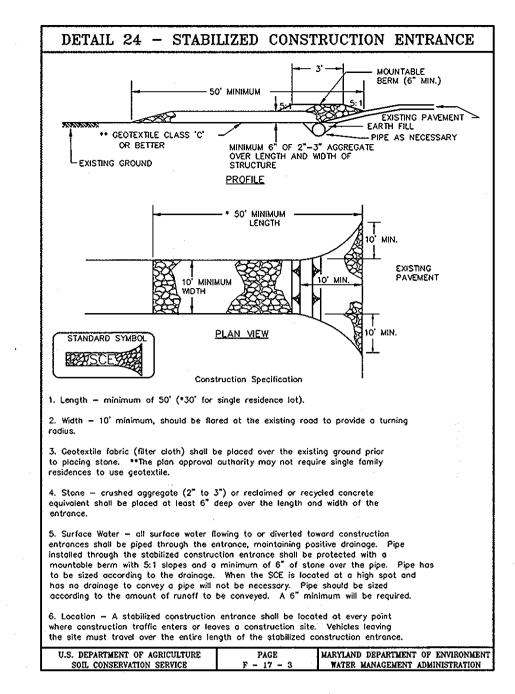
3. Where ends of geotextile fobric come together, they shall be overlapped,

4. Silt Fence shall be inspected after each rainfall event and maintained when

bulges occur or when sediment accumulation reached 50% of the fabric height

U.S. DEPARTMENT OF ACRICULTURE PAGE MARYLAND DEPARTMENT OF ENVIRONMENT SOIL CONSERVATION SERVICE F - 15 - 3 WATER MANAGEMENT ADMINISTRATION





THIS PLAN IS FOR SEDIMENT CONTROL PURPOSES ONLY

DUST CONTROL

DEFINITION CONTROLLING DUST BLOWING AND MOVEMENT ON CONSTRUCTION SITES AND ROADS.

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

CONDITIONS WHERE PRACTICE APPLIES THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO DUST BLOWING AND

<u>SPECIFICATIONS</u>

MOVEMENT WHERE ON AND OFF-SITE DAMAGE IS LIKELY WITHOUT TREATMENT.

TEMPORARY METHODS 1. MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.

VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.

3. TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12" APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST, REPEAT AS NEEDED AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.

5. BARRIERS — SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLE TO PREVAILING CURRENTS AT INTERVALS AT ABOUT TEN TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING. CALCIUM CHLORIDE — APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED TREATMENT.

PERMANENT METHODS

PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

2. TOPSOILING - COVERING WITH LESS EROSIVE SOIL MATERIAL. SEE STANDARDS FOR TOP SOIL. 3. STONE - COVER SURFACE WITH CRUSHED STONE OR GRAVEL. REFERENCES

AGRICULTURE HANDBOOK 346. WIND EROSION FORCES IN THE UNITED STATES AND THEIR USE

AGRICULTURE INFORMATION BULLETIN 354. HOW TO CONTROL WIND EROSION, USDA_ARS.

STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION

PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

<u>PURPOSE</u>

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 UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

I. THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPE WHERE:

A. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE

B. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIED OF MOISTURE AND PLANT NUTRIENTS.

C. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT

D. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE. II. FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

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 RESPECTIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION. II. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE

1. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT

FOLLOWING: A. TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY A AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE

APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN I 1/2" IN DIAMETER.

B. TOPSOIL MUST BE FREE OF PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONGRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

C. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE IF 4-8 TONS/ACRE (200-400 POUNDS PER LOOD SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

III. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:

A. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS (OR SEE SEEDING NOTES).

IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:

A. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER & LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:

I. PH FOR TOPSOIL SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A PH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PRESCRIBED TO RAISE THE PH TO 6.5 OR HIGHER. 2. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT 3. TOPSOIL HAVING SOLUBLE SALT GREATER THAN 500 PARTS PER MILL

SHALL NOT BE USED. 4. NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHOTO-TOXIC MATERIALS.

NOTE: 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 NATURAL TOPSOIL.

B. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 2.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS (OR SEE SEEDING NOTES).

V. TOPSOIL APPLICATION

A. WHEN TOPSOILLING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSION, GRADE STABILIZATION STRUCTURES, EARTH DIKES SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS B. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBEIT 4"-8" HIGHER IN ELEVATION.

C. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4'-8' LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4" SPREADING SHALL 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 TOPSOILLING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER D. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS 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

VI. ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED BELOW:

A. COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AND FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

I. COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS THAT ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER

2. COMPOSTED SLUDGE SHALL CONTAIN AT LEAST I PERCENT NITROGEN, I.5 PERCENT PHOSPHORUS, AND 0.2 PERCENT POTASSIUM AND HAVE A PH OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS. THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS

3. COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF I TON/1,000 SQUARE FEET.

B. COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT A RATE OF 4LB/1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING. MD-VA PUB. #I, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES. REVISED 1973.

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 THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HSCD."

SEDIMENT CONTROL NOTES

I. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION, (410) 313-1855

2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS

FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) T CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES AND PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT

4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I. CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOD, TEMPORARY SEEDINGS AND MULCHING (SEC. G). TEMPORARY STABILIZATION, WITH MULCH ALONE, CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

6. 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.

	<u>LOTS</u> 376-386	LOTS 424-432 <u>\$ 434-441</u>
TOTAL AREA OF SITE :	1.00± AC.	1.22± AC.
AREA DISTURBED :	1.20± AC.	1.42± AC.
AREA TO BE ROOFED OR PAVED :	0.54± AC.	0.74± AC.
AREA TO BE VEGETATIVELY STABILIZED:	0.66± AC.	0.68± AC.
TOTAL CUT :	125± CY	200± CY
TOTAL FILL :	125± CY	200± CY
OFF-SITE WASTE/BORROW : AREA LOCATION	NONE	NONE

8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

9. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.

IO. 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 AGENCY IS MADE.

II. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN I WORKING DAY, WHICHEVER IS SHORTER.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH I THRU APRIL 30, AND AUGUST I THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY I THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (I) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED)

SEEDING: FOR PERIODS MARCH I THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY I THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ FT), FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON

FT) OF UNROTTED, WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, & FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

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

SEDIMENT CONTROL NOTES and DETAILS MAPLE LAWN FARMS

HILLSIDE DISTRICT - AREA 5: LOT Nos. 376-386, 424-432 and 435-441 (SFD RESIDENTIAL USE)

G. L. W. FILE No. 06013 AS SHOWN MXD-3TAX MAP - GRID DATE 5 OF 7

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ENGINEER'S CERTIFICATE

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS

AND THAT I AM A DULY LICENSED

PROFESSIONAL ENGINEER UNDER THE

LAWS OF THE STATE OF MARYLAND.

EXPIRATION DATE: MAY 26, 2012.

LICENSE NO. 12975,

WERE PREPARED OR APPROVED BY ME,

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A

10-21-11

11-09-11

PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE

SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE

REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING

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

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WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ

PLAT Nos. 21409-21414

ELECTION DISTRICT No. 5

PREPARED FOR:

HOME BUILDER (CONTRACT PURCHASER):

MILLER and SMITH at MAPLE LAWN L.L.C.

8401 GREENSBORO DRIVE, SUITE 450

MCLEAN, VIRGINIA 22102

ottn.: COLLEEN McCALL

PH: 703-821-2500

PROPERTY OWNER (SELLER):

BALTIMORE, MD 21208

PH: 410-484-8400

attn: MARK BENNETT

MAPLE LAWN FARMS I, LLC

1829 REISTERTOWN ROAD, SUITE 300

OCT., 2011 HOWARD COUNTY, MARYLAND

