07/28/06. Underlying Zoning is RR-DEO. The previous Department of Planning and Zoning file numbers: S 01-17, 5-06-16, ZB-995M, ZB-1039M, PB-353, PB-378, WP-01-111, WP-03-02. P-05-02. P-05-01, P-06-05, F-05-81, F-05-82, F-05-112, F-05-113 F-06-43, and F-06-161.

3. This project is in conformance with the latest Howard County standards unless waivers have been approved. 4. The Cemetery Inventory Maps do not show any cemeteries within the project limits.

5. The Scenic Roads Map does not indicate any scenic roads within or adjacent to the project limits. 6. This property was brought into the Metropolitan District on

 All roads in this development are public. All areas indicated as alleu will be private 8. Site Analysis Gross Site Area:

Total Area of Phase 6 605.3 Acres 1 Area of Open Space: 15.05 Acres, \$ 6.46 Acres t Area of 100 Yr Floodolain: 3.80 Acres 1 Area of Roadway (Public): 0.80 Acres : Area of Roadway (Private): Area of Residential Lots: Area of OR Lots: 5.72 Acres ± Total number of lots: No. of O.R. Lots:

9. Open Space Requirements: Minimum Open Space Requirement for Project is 35%. Total Open Space Required: 5.27 Acres ± (35%) Total Open Space Provided: 6.35 Acres ± (42.2%) Recreational Open Space Required: 0.53 Acres (10%) Recreational Open Space Frovided: 0.00 Acres (0.0%)

(See Chart-this sheet) Excess open space area may be used to fulfill the minimum open space requirement for future phases. 10. Soils data was taken from the Soil Survey of Howard County,

Maryland issued July 1960. . Contours shown were taken from aerial topography prepared during March 1997 by 3Di and then updated by grade checks performed by Gutschick Little & Weber, P. A., Contours shown in the area of Hillside District - Areas 12 43, and Business District - Area 2 were taken from construction drawings F 05-81, F 05-112, and F-06-161.

2. Boundary information shown is based upon a field survey prepared by Gutschick, Little, and Weber, P.A. on or about June,

13. Wetland delineation by Exploration Research, inc. approved by the Corps of of Engineers JD 63787-3 on 5/14/98. Notice of intent to issue a permit is covered by MDE Tracking #OI-NT-0344/20016542

4. The 100-year flood plain limits were determined by the floodplain study prepared by Eutschick, Little and Weber, P.A. as part of P 03-01 15. Horizontal and vertical datum is based on Howard County

16. Existing utilities were taken from available Howard County 1. Public water and sewer to be utilized:

Existing Water Contract Number:

24-4238-D 24-4328-D 24-4279-D Existing Sewer Contract Numbers: 24-4238-D 24-4328-D 18. Traffic Study was prepared and submitted as part of 5 06-16, which was signed by the Planning Board on February 22, 2007.

24-4279-D

19. Sediment and erosion control measures will be included with Final Plans and Site Development Plans. No sediment control devices will encroach beyond the L.O.D. shown. 20. Street trees will be provided per the Comprehensive Sketch Plan criteria at the Final Plan stage.

21. All buffering and other landscoping requirements/features will be shown at the Site Development Plan stage and/or final plan stage and will be provided in accordance with the Comprehensive Sketch Plan criteria and Landscape Manual: 22. Perennial stream buffers are determined by land use adjoining the open space (i.e. Employment = 50' buffer, Residential = 75'

All uses adjoining an intermittent stream = 50' buffer. 23. Stormwater management, for both quality and quantity, for the development proposed by these plans will be satisfied by the regional facilities constructed under F-05-81 and F-06-161. The ponds will be publicly owned and maintained. 24. The residential lots, parcels and employment use structures

developed or proposed on the original 50% acre tract for Maple Lawn Farms are arandiathered to the Fourth Edition of the Subdivision and Land Development Regulations as developed under 5-01-17, PB Case 353 and ZB Case No. 995M. However, the proposed residential and employment uses that are to be developed under this omended CSP. 5-06-16 and ZB Case No. 1039M for the former Wessel and Oliver properties are subject to the amended Fifth Edition of the Subdivision and Land Dévelopment Regulations per Council Bill No. 45-2003 and the Zoning Regulations per Council Bill No. 75-2003.

25. As stated in the Decision and Order for this plan, The Planning Board shall review and approve site development plans for all single family attached and multi-family residential uses, and all employment and open space use development for the subject Maple Lawn Farms project. All of the improvements that were necessary for the Maple Lawn Farms project to be in compliance with the funding test evaluation restrictions erunciated by the Zoning Board on page 22-23 of its decision

on the PDP have been constructed. 26. No grading, removal of vegetative cover or trees, or placement of new structures is permitted within limits of wetlands, streams or their required buffers, and 100 year flood plain areas, except as permitted under MP-02-54, WP-03-02, and WP-05-120.

27. Open space lots may contain active recreational facilities as allowed by the approved Comprehensive Development Criteria. 28. Phasing for this project is in accordance with the Decision and Order for Zoning Board Case No. ZB-995M & ZB-1039M. and the Decision and Order for PB Case No. 353 (Comprehensive Sketch Plan, 5:-01-17) and No. 378 (Comprehensive Sketch Pian, 5-06-16).

29. Development for this phase will be done in accordance with the Comprehensive Development Criteria approved with S-01-17, 5-06-16, PB-353, AND PB-318, 30. The transportation and transit design will be implemented as outlined in the Petitioner's Exhibit 55 as submitted as part of

31. A Noise Study was prepared by Wildman & Associates for S OI-17, which was signed by the Planning Board on August 8, 2001. 32. The limits of this submission does not include moderate income

33. For soil types, descriptions and limitations, see 5 Ol-17, and

TENTATIVELY APPROVED

DEPARTMENT OF PLANNING AND ZONING

HOWARD COUNTY

34. Conflicts between storm drains and street trees will be resolved at Final Plan Stage.

35. The minimum building setback restrictions from property lines and the public road right-of-way lines for all SFA residential lots will be in accordance with the Comorehensive Development criteria approved per 5-01-17 and PB-353, and

5-06-16 and PB-378. 36. At Final Plan Stage a public 100 year floodplain, drainage and utility easement will be created to encompass the floodplain

limits within the area of this plan submission 1. The forest conservation requirements per Section 16.1202 of the Howard County Code and the Forest Conservation manual for Phase 6 of this project with an afforestation and reforestation obligation of 0.97 acres will be fulfilled with afforestation planting in the amount of 1.91 acres, which leaves 7.99 acres of excess afforestation planting being done in advance as forest conservation credit for future chases of this project.

38. The 75' Tree Conflict easement shown on these plans grants PEPCO the right to enter the easement for the purpose of cutting down, trimming, removing and/or keeping cut all trees which may interfere with any towers, poles, structures, wires, cables, conduits or other improvements within the PEPCO R/W, as per Liber 2305 Folio 33.

#### SIMMARY OF DEVELOPMENT CRITERIA

Required Project Boundary Setbacks: 50-foot minimum open space buffer adjacent to existing residential communities

100-foot minimum setback for residential units from Johns Hopkins Road. 50-foot minimum setback for commercial buildings from Johns Hopkins Road and a 20-foot minimum setback for parking from Johns Hopkins Road. 300-foot minimum setback for residential buildings from Md. Route 216. 50-foot minimum setback for all commercial structures from Md. Route 216, and 300-foot minimum

commercial structures greater than four stories from Md. Route 216. Sign and entry features may be located at any location in a setback, if approved by the Planning Board, and does not interfere with sight distance along public roads.

setback for all multi-story structures from Md. Routo 216, and 500-foot minimum setback for all

#### Other Residential (OR)

The minimum required setbacks for Other Residential structures shall be as follows:

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LOT TYPE	M.N. FRONT SETBACK	MIN. SIDE SETBACK	TO PRINCIPAL STRUCTURE	TO REAR GARAGE (ATTACHED OR DETACHED) OR TO ACCESSORY STRUCTURE	MINIMUM FRONT, SIDE, AND REAR SETBACK FROM MAPLE LAWN BLVD.
SINGLE FAMILY ATTACHED	0'	O'	20'	3'	2 <i>0</i> °
LIVE-WORK	0'	O'	20'	3'	20'
SEMI-DETACHED	10'	4' EXCEPT FOR GARAGE WHICH MAY BE O'	20'	3'	20'
TWO-FAMILY	10'	4' EXCEPT FOR GARAGE WHICH MAY BE O'	20'	3'	20'
APARTMENT	10'	10' EXCEPT FOR GARAGE WHICH MAY BE O'	20'	3'	20'

Habitoble space and/or open/enclosed decks may be built over attached garages. In those cases, the garage setbacks shall govern. Where the rear lot line is contiguous to green open space, the rear principal structure setback may be reduced to 10' and the rear setback for decks may be reduced to 3'.

Other decks must be a minimum of 10' from rear property line, and are subject to side yard setbacks.

Facing accessory structures and detached garages (across an alley/lane R.O.M.) shall be a minimum of 30' apart. Between Apartment buildings, the minimum setback distances shall be 30' front to front, 50' back to back, 50' front to back and 15° for all other conditions. Between Single-Family Attached buildings, the minimum setback distances shall be 30' front to front, 150' back to back (except across on alleu), 50' back to front and 6' (or as required by

In the Hillside District, the front and side setbacks from Maple Lawn Bivd. may be reduced to 5°. On Parcel A-1 in

Midtown, the front setback for apartments, along Maple Lawn Blvd. may be reduced to 10'. Structures may be located anywhere within such setback areas in accordance with a Site Development Plan

#### Exceptions to Setback Requirements

approved by the Howard County Planning Board.

Except for the following, Section 128.A.I applies: · Parches may encroach into the front yard to within 2' from the front property line or right-of-way for all Other Residential lot tuoes. . Stoops and steps may encroach into the front yard to within I' from the front property line for all Other

. Garden walls, fences, piers, gates and similar ornaments may be built in the front and side yards not closer

than 11 from the property line; not greater than 48" in height along the front property line and not greater than 72° along the side and rear property lines. An archway or piers defining a lead walk may be up to 9'. ers may encroach a maximum of 6" into any required setback area.

Permanent access to lots may be provided by means of alleys, using perpetual reciprocal easements or other

Maximum building helpht in the Other Residential land use areas shall be 50' for Attached, Semi-Detached, or Two-Family Dwelling Units, and 60' for Live-Work units and Apartments, in each case to the midpoint of the roof height measured from the highest adjoining ground elevation adjacent to the building, except as otherwise approved on a Site Development Plan by the Howard County Planning Board.

#### No coverage requirements are imposed in Other Residential land use areas.

one-half parking space for each dwelling unit withdrawn.

MP-03-02

No less than two parking spaces shall be provided for each Single Family Attached, Live-Work, Semi-Detached, and Two-Family aweiling unit. No less than one and one-half parking spaces shall be provided for each apartment unit. Such spaces may consist of garage, driveway and/or similar off-street parking spaces. No less than one parking space shall be provided for each accessory dwelling unit. Such parking shall be provided in proximity to such divelling unit and may be included as part of a common parking area provided for residents, tenants, and avests. Principal structures shall be no closer than 15' to the curb of common parking areas with head-in or analed parking, and no closer than 10' to the curb for parallel parking, unless sufficient landscaping is provided to justify a reduction in the setback, per the Howard County Landscope Manual. Live-work units are exempt from this setback requirement. Visitor parking and overflow parking may also be accommodated as on street and parallel parking within the public right-of-way.

Such parking areas may be parallel spaces located on paved areas in and/or adjacent to publicly maintained roadways, adjacent to public or private service drives or oriented diagonally or at right angles to such roadways

Reductions in parking requirements are permitted pursuant to the Howard Country Zoning Regulations Section 133.E.I.

Housing for Elderly and/or Handicapped Persons In the event a facility qualifies under federal, state or county programs intended to promote housing for the elderly or handicapped, the parking requirements may be modified to provide for four parking spaces for every ten dwelling units participating in such program. In the event the units are withdrawn from such a housing program, the owner of the facility shall immediately notify the Department of Planning and zoning and shall construct, prior to further occupancy of the withdrawn units, such additional parking spaces as are necessary to provide one and

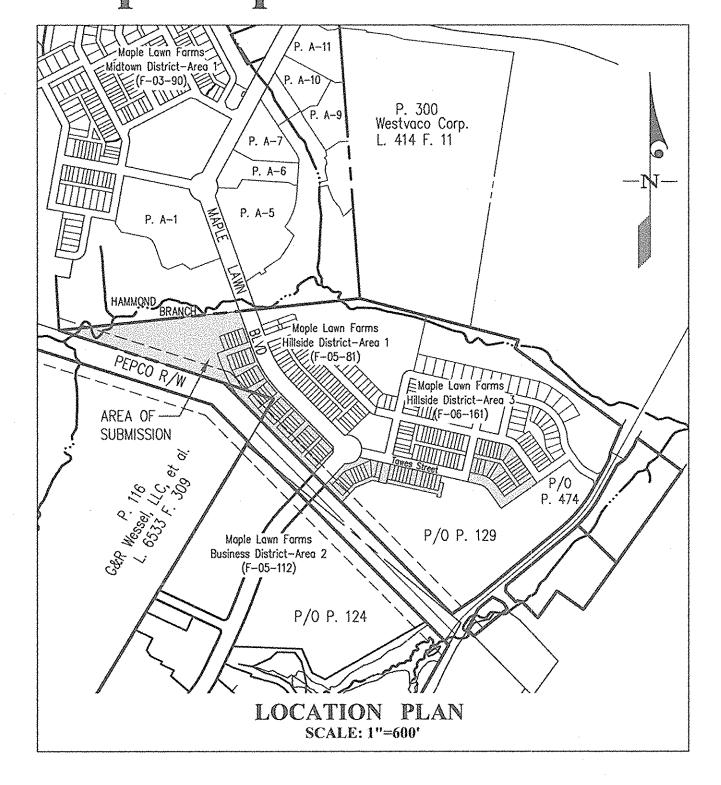
> On May 2, 2001, WP-01-111 was granted for the following: · Additional points of access allowed onto Sanner Road other than those permitted by 16.119(f)(1), subject to further analysis and approvals at later plan stages · Residential lots are allowed to front on neighborhood parks instead being limited frontage on public R/W's as in 16.120(c)(2), subject to adequate private alley access.

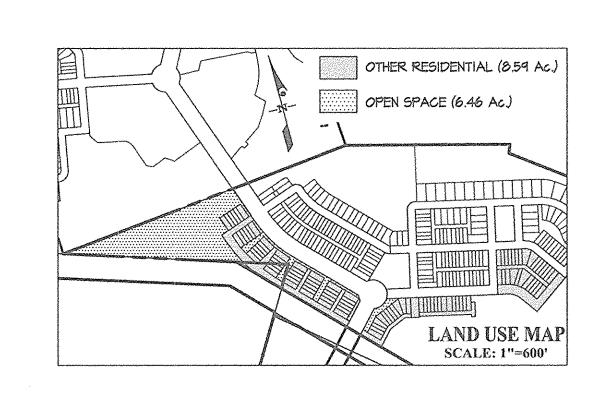
> On Oct. 11,2002, WP-03-02 was granted to allow: • Grading within the 75' stream buffer and floodplain as shown on the revised grading exhibit submitted 9/6/02 (waiver from Section 16.116 (a)(2)(ii) and Section 16.115 (c)(2) respectively. · Elimination of truncation at right-of-way corners of residential lots and other parcel corners at right-of-ways where necessary to achieve the traditional neighborhood design (waiver from

Section 16.119 (e)(5). The disturbance within the floodplain and stream buffer is subject to obtaining the necessary permits from MDE and DNR. Elimination of the truncations is subject to having adequate sight and intersection distance as determined by the DPZ, Development Engineering Division.

# PRELIMINARY PLAN MAPLE LAWN FARMS Hillside District - Area 4

Lots 222 through 321, Open Space Lots 322 through 324, and Common Open Space Lots 325 through 328





#### SHEET INDEX

I. COVER SHEET 2. PRELIMINARY PLAN (I"=50")

3. PRELIMINARY PLAN (I"=50')

4. GRADING AND EXISTING FEATURES PLAN 5. PRELIMINARY FOREST CONSERVATION PLAN

6. PRELIMINARY FOREST CONSERVATION NOTES & DETAILS

7. PRELIMINARY LANDSCAPE PLAN

MONTPELIER 41EA ELEV. = 407.05 STANDARD DISC ON CONCRETE MONUMENT ELEV. = 463.90 STANDARD DISC ON CONCRETE MONUMENT

## LEGEND

transferrence in a recomment y another	EX. CONTOUR
	PROP. CONTOUR
and high stranger of the stran	EXISTING TREELINE
	STREAM BUFFER
WB	WETLAND BUFFER
MH 20	STRUCTURE NUMBER
<b>(2)</b>	CENTERLINE CURVE
2	PROPERTY CORNER
<u>15"</u> H <u>DPE</u>	PROP. STORM DRAIN
	PROP. BARRICADE
	100 YEAR FLOODFLAII
	LIMIT OF WETLAND
* * * * * * *	WETLAND AREA
	CENTERLINE OF STREA
	BOTTOM OF STREAM
	PROPOSED 6' PATHWA
	FOREST CONSERVATION EASEMENT

### OVERALL TRACKING CHART

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PHASE NO.	FILE REF. NO.	GROSS ACREAGE	SF.	OR	EMP	05	%	SF.D.	AC. (%)	O.R. A	NC. (%)	EMP.	AC. (%)	0.5. /	AC. (%)	5F	OR	EMP	PRIV. RD. ACREAGE	SFD UNITS	O.R. UNITS (APT./S.F.A.)	S.F.D. DENSITY	O.R. DENSITY	EMP, BLDG. AREA	EMP. FAR.
	F-03-07	51.98	0.00	0.00	0.00	0.00	(0.0)		rhilariani, miararani marani Andria i aran marani distribuy yandamani dia marina kala 1989-1981 dala dala			30.83	(59.3)	21.15	(40.7)	0.00	0.00	4.35							
2	F-03-90	31.43	0.52	0.43	0.24	0.00	(3.2)	10.84	(29.0)	8.09	(21.6)	1.56	(4.2)	15.75	(42.1)	3.72	3.74	1.56	1.68	55	65	5.1/AC.	8.0/AC.	and the second second	*****
3	F-04-92	58.80	-0.52	-0,43	2.71	0.00	(3.0)	7.11	(12.1)	12.28	(20.9)	14.80	(25.2)	22.85	(38.9)	2.52	0.46	0.00	1.00	41	79	5.8/AC.	6.4/AC.	was described from some order.	
40	F-05-81/F-05-82	15,47	0.00	1.48	-1.69	0.00	-(1.4)	0.00	(0.0)	7.29	(47.1)	1.69	(10.9)	6.70	(43.3)	0.00	3.40	1.69	0.46		59	***	8.1/AC.	***	
40	F-05-139/F-01-06	3.12	0.00	0.00	-1.26	0.00	(0.00)	0.00	(0.0)	0.00	(0.0)	3.15	(101.0)	1.23	(39.4)	0.00	0.00	2.04	American with the state of the			New York York Wild Wild Control of the Control of t			
46	F-05-112/F-05-113	3,00	0.00	0.00	0.00	0.00	(0.0)	0.00	(0.0)	0.00	(0.0)	3.00	(100.0)	0.00	(0.0)	0.00	0.00	3.00	ate site me are the me.		MATERIAL DATE OF THE SET	And placement were were		make plant that want will also	
5 <i>a</i>	F-06-43	0.00	0.00	-1,25	0.00	0.00	(0.0)	0.00	(0.0)	1,25	(0.0)	0.00	(0.0)	0.00	(0.0)	0.00	0.00	0.00	~~~~	*****	16	****	13.0/AC.		
5b	F-06-161	33.26	0.00	-0.23	0.00	0.00	(0.0)	7.73	(23.2)	7.26	(21.8)	0.00	(0.0)	18.50	(55.6)	2.22	3.16	0.00	0.88	41	63	5.3/AC.	8.7/AC.	white being high high plane	*******
6	P-07-02	15.05	0,00	0.00	0.00	0.00	(0.0)	0.00	(0.0)	8.59	(57.1)	0.00	(0.0)	6.46	(42.9)	0.00	0.80	0.00	2.07	*******	100	*********	11.5/AC.	aphrape sign and asset	~~~~
TOTALS		2 8.		0.00			(0,0)	25.68	(11.8)	44.76	(20.5)	55.03	(25.2)	92.64	(42.5)		32.66	>	6.20	137	382	5.3/AC.	8.5/AC.	0.00	0.00
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OVERALL S.F.D	/GROSS ACRE	City, And and an analysis of Angus (City Angus (City Angus (City Angus Angus Angus Angus Angus Angus Angus Ang		***************************************	5.3 UNITS	5/AC.	haydaantadadaan wa'nahalkaan kanakaanaa ahka baada oo k	**************************************	2.	8 UNITS/A	40.	SINGLE F	AMILY DE	ETACHED	(S.F.D.)				25.68	192.6	SINGLE FAMILY D	ETACHED		507 (37.8	<b>3%</b> )
OVERALL O.R./	GROSS ACRE			delengen a multimaken belent peredal	8.5 UNIT:	5/AC.		**************************************	14.	O UNITS/	AC.	OTHER R	ESIDENTIA	AL (OR)	A COLUMNIA CONTRACTOR	years of the second			44.76	73.6	APARTMENTS (O.F	٧)		210 (15.79	%)
OVERALL EMPL	OYMENT FAR	,		andriana (dominina mente de la filma d			***************************************	***************************************		0.35		EMPLOY	MENT						55 <i>.0</i> 3	122.0	SINGLE FAMILY A	TTACHED		623 (46.5	5%}
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#### OVERALL OPEN SPACE TRACKING CHART

PHASE	FILE	GROSS	0.5.	ACTIVE O.S.
NO.	REF. NO.	ACREAGE	AC. (%)	AC. (%) *
-	F-03-07	51.98	21.15 (40.7)	**************************************
2	F-03-90	37.43	15.75 (42.1)	7.52 (47.7) ①
3	F-04-92	58.80	22.85 (38.9)	200000000000000000000000000000000000000
4a	F-05-81/82	15.47	6.70 (43.3)	0.29 (4.3) ②
4b	F-05-139	3.12	1.23 (39.4)	**************
40	F-05-112/113	3,00	0.00 (0.0)	40474-004-4-4-004-4-4
5a	F-06-43	0.00	0.00 (0.0)	***************************************
56	F-06-161	33.26	18.50 (55.6)	1.61 (8.7)
6	P-07-02	15.05	6,46 (42.9)	
TOTAL		218.11	92.64 (42.5)	9,42 (10.2)

total open space provided. (1) 752 ACRES = Community Center (05 125 - 5.01 Ac.), OS 126 (0.55 Ac.), and OS 230 (1.96 Ac.)

(2) 0.29 ACRES = Pathways

\*LAND ACREAGES INCLUDE NON-BUILDABLE AREAS

ELECTION DISTRICT No. 5

PRIVATE ALLEY

## TYPICAL FOOTPRINTS

Lot Information Minimum Lot Size Min. Lot Width at Front BRL Lot Type Lots 222-321 Townhouse



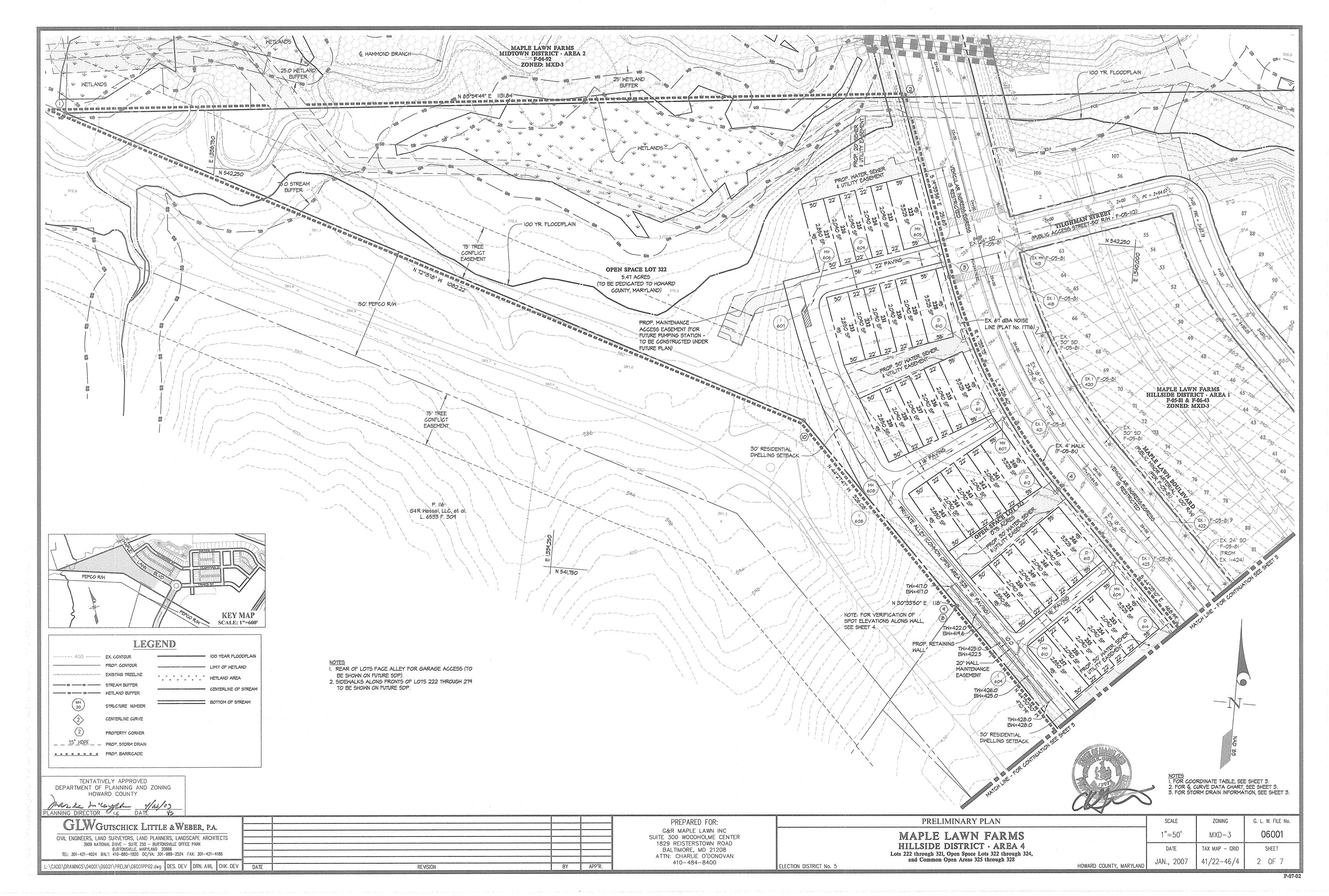
THE LIMITS OF THIS PRELIMINARY PLAN COVERS PART OF THE DEVELOPMENT PROPOSED BY S-06-16 AS ANNUAL PHASE 6 (ALLOCATION YEAR 2009).

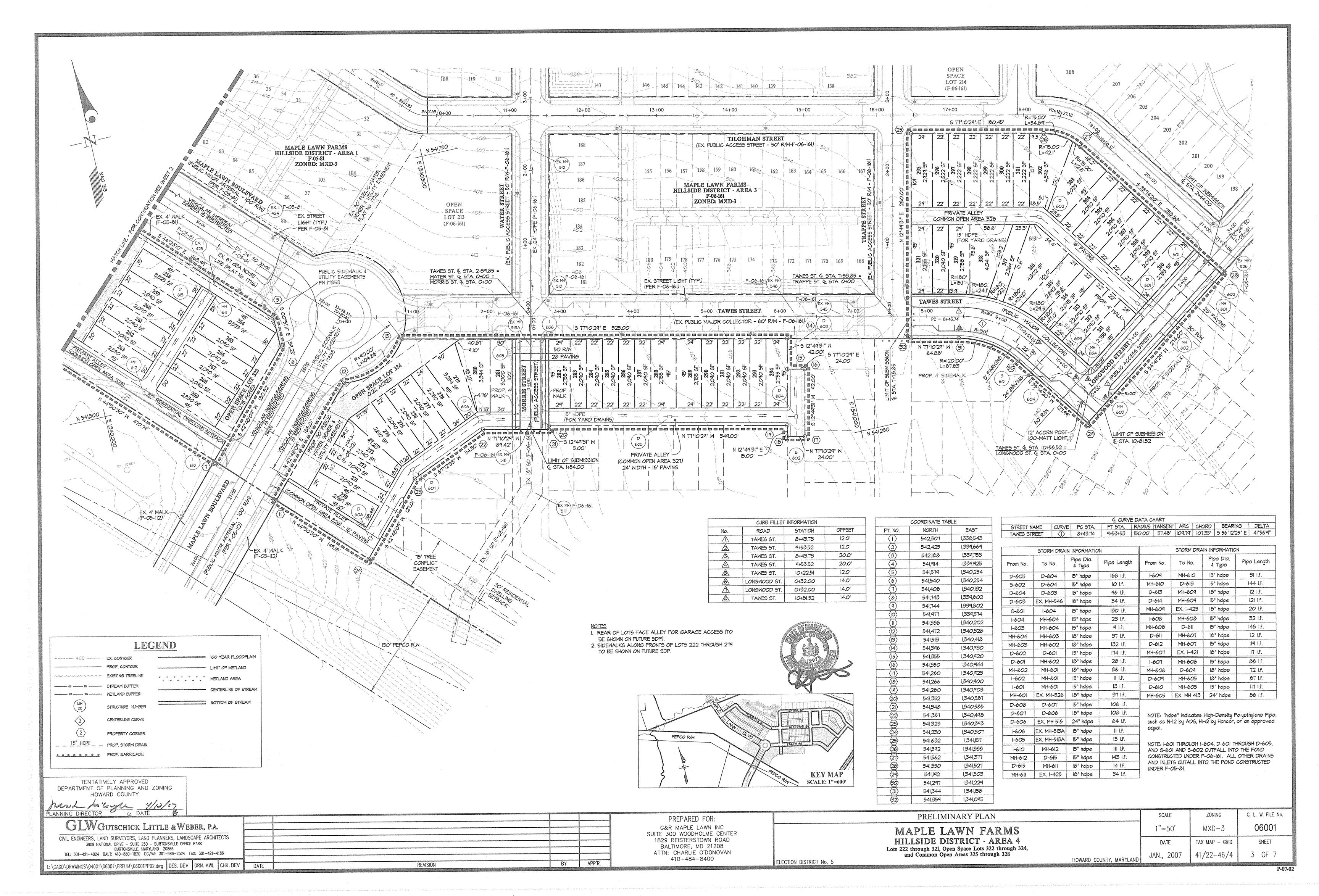
GLWGUTSCHICK LITTLE &WEBER, P.A.				
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS				
3909 NATIONAL DRIVE — SUITE 250 — BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186				_
ADD\DRAWNGS\04001\06001\PRELIM\06001CS1.dwg   DES. DEV   DRN. AWL   CHK. DE	/ DATE	REVISION	BY	

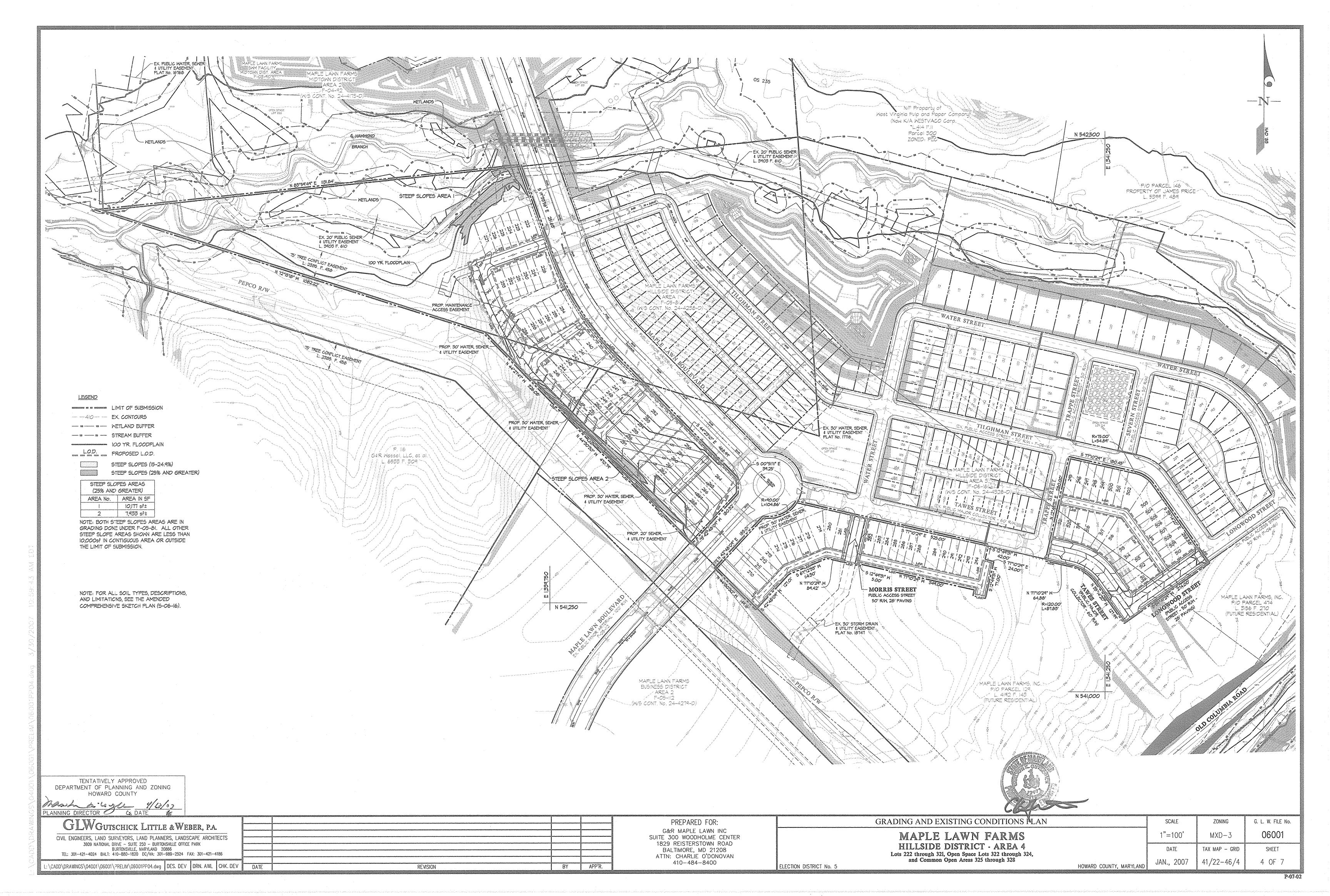
PREPARED FOR: G&R MAPLE LAWN INC SUITE 300 WOODHOLME CENTER 1829 REISTERSTOWN ROAD BALTIMORE, MD 21208 ATTN: CHARLIE O'DONOVAN 410-484-8400

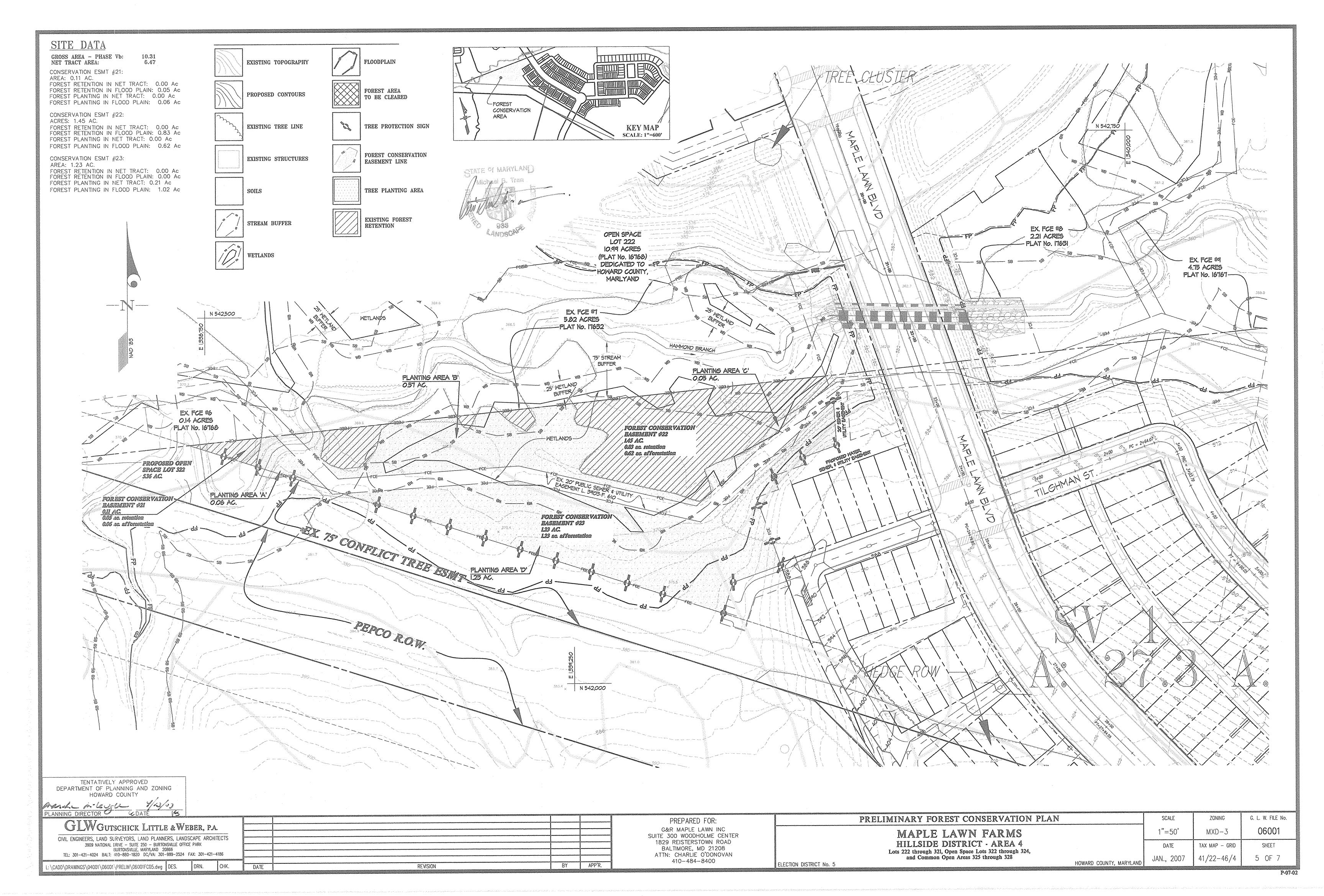
MAPLE LAWN FARMS HILLSIDE DISTRICT - AREA 4 Lots 222 through 321, Open Space Lots 322 through 324, and Common Open Areas 325 through 328

G. L. W. FILE No. 06001 MXD-3AS SHOWN TAX MAP - GRID HOWARD COUNTY, MARYLAND









## FOREST CONSERVATION PLANTING NOTES

PHASE NO.	GROSS AC.	FLOODPLAIN AC.	NET TRACT AREA	EXG. FOREST IN AC.	FOREST CLEARED	FOREST RETAINED	EXCESS RETENTION	REF/AFF REQUIRED	CREDITED PLANTING PROVIDED	EXCESS FOREST CON (PLANTING+RETENTION)	COMMENTS
ar fr	51.98	3.4 <i>0</i>	48.58	9.45	0.51	8.94	0.63	0.00	4.56	5.19	Per F-03-07
2	75.20 ①	2.38	72.82	0.00	0.00	0.00	0.00	10.92	6.673	-4.25	Per F-03-90
2	5.70 0	0.00	5.70	0.00	0.00	0.00	0.00	0.86	0.00	-0.86	Per 5DP-03-140
3	19.09@	14.85	4.24	0.2	0.00	0.21	0.00	0.43	10.49	10.06	Per F-04-92
3		umber	The action of the second secon			Angenetia a consequença per proposa de france, que de en acuser and en aguamen prepar a presenta a quant de presentiren cor en demando a combinado de la combi		***	-1.16	-1.16	4 Per F-05-82
4a	15.48	3.00	12.48	1.92	1.65	0.27	0.00	3.21	0.88 (9	-2.33	Per F-05-81
46	3.12 ⑤	0.35	2.77	0.00	0.00	0.00	0.00	0.42	-0.12	-0.54	Per F-05-139
40	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.45	0.00	-0.45	Per F-05-112
5a	0.000		general conformation of the property of the conformation of the co					•••	•	***	Per F-06-43
5b	54.61 8	7.27	47.34	3.76	0.51	3.24	0.00	4.36	5.74	1.38	Per F-06-161
6	10.31	3.84	6.47	0.00	0.00	0.00	0.00	0.97	1.91	0.94	Per this Plan
TOTAL	238.49	35.09	203.40	15.34	2.67	12.66	0.63	21.62	28.98	7,99	

Includes future phase areas of Maple Lawn Farms. When those areas are recorded in future phases, the forest conservation requirements will already have been met.

19.09 ACRES = 59.80 ACRES (Phase 3 site total) - 40.71 ACRES (Area of forest con. in Phase 3 already provided by F-03-90 (35.01 Ac) and SDP-03-140 (5.70 Ac.))

Reduced from 6.97 Ac. as shown on F-03-90 to 6.67 Ac. because of the 0.16 Ac. reduction of Conservation Easement #4 on F-04-79 and the 0.14 Ac. reduction of Conservation Easement #5 on F-04-88.

F-05-82 is a revision of Open Space Lots 221 \$ 222, and a conversion of Parcel 'E' to R/W. Forest Conservation Easement (FCE) #7 will abandon 0.25 ac. and FCE #8 will abandon 0.91 ac.

(5) 3.12 ACRES = 4.38 ACRES (Phase 4 site total) - 1.26 ACRES (Area of forest con. in Phase 4 already provided by F-03-90 and F-04-92).

6) 0.12 ACRES = Area subtracted from forest conservation area #11 to create Public Drainage and Utility Easement Phase 5a is a resubdivision of Non-Buildable Parcels F & G. This area was covered under F-05-81

8) Total Area for Phase 5b (54.61 Ac.) = Area platted (33.06 Ac) + Area being mass graded outside platted area (21.55 Ac.)

3) 0.01 acres of provided planting in FCE #16 to be removed under F-06-162, leaving -2.33 ac. excess under F-05-81 (0) Total Area for Phase 6 (10.31 Ac.) = Area platted (15.05 Ac) - Area already covered under F-06-161 (4.74 Ac.)

	TABULATION OF PROPOSED FOREST CONSERVATION ARE										
	FOREST CONSERVATION ESMT	21	22	23	TOTAL						
CREDITED	FOREST PLANTING PROVIDED IN THE 100-YR FLOOD PLAIN	.06 Ac.	.62 Ac.	1.02 Ac.	1.70 Ac.						
CREDITED	FOREST PLANTING PROVIDED OUTSIDE THE 100 YR FLOOD PLAIN	0.00 Ac.	0.00 Ac.	0.21 Ac.	0.21 Ac.						
NON- CREDITED	FOREST RETENTION INSIDE THE 100-YR FLOOD PLAIN	.05 Ac.	.83 Ac.	0.00 Ac.	0.88 Ac.						
CREDITED	FOREST RETENTION OUTSIDE THE 100-YR FLOOD PLAIN	0.00 Ac.	0.00 Ac.	0.00 Ac.	0.00 Ac.						
	TOTAL AREA OF EACH FOREST CONSERVATION AREA	0.11 Ac.	1.45 Ac.	1.23 Ac.	2.79 Ac.						

FOREST CONSERVATION PLAI	NTING Q	UANTIT	SCHEE	ULE	
FOREST PLANTING LOCATION NO.	A (esmt.21)	B (esmt.22)	C (esmt. 22)	D (esmt. 23)	TOTAL
AREA TO BE PLANTED (IN AC.)	.06	.57	.05	1.23	1.91
BASE QUANTITY OF 2" CAL. TREES REQUIRED (AT 100 TREES/AC.)	6	57	5	123	191
CREDIT FOR LANDSCAPE TREES	N/A	N/A	N/A	N/A	N/A
REQUIRED QUANTITY OF 2" CAL. TREES TO BE PLANTED	6	57	5	123	191

FOREST CONSER							
PLANT NAME (BOTANICAL/COMMON)		FOR	EST PLA	NTING AREA			
	Α	В	С	D	TOTAL		
AMEKANCHIER CANADENSIS/SERVICEBERRY		The second of th		- The state of the	0		
ACER RUBRUM/RED MAPLE	2	19	2	41	64		
CERCIS CANADENSIS/EASTERN REDBUD			:		0		
LIRIODENDRON TULIPFERA/TULIP TREE					0		
PLATANUS OCCIDENTIALIS/ AMERICAN SYCAMORE (PLANETREE)	2	19	2	41	64		
QUERCUS PALUSTRIS/PIN OAK					0		
LIQUIDAMBAR STYRACIFLUA/SWEET GUM					0		
QUERCUS RUBRUM/RED OAK	amane e e e e e e e e e e e e e e e e e e	nd bil offerengeboundshipser		Average control of the control of th	0		
QUERCUS BICOLOR/SWAMP WHITE OAK	2	19	1	41	63		
PINUS STROBUS/WHITE PINE					0		
TOTAL	6	57	5	123	191		

THE QUANTITY SHOWN ABOVE IS FOR PLANTING WITH 2 1/2" CAL. TREES AT 20' X 20' SPACING. EVERGREEN TREES SHALL BE 6'-8' HT.

TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

## CONSTRUCTION PERIOD PROTECTION PROGRAM

2. A PRE-CONSTRUCTION MEETING AT THE SITE SHOULD BE HELD TO CONFIRM THE LIMITS OF CLEARING SPECIFIED. THE MEETING SHOULD INCLUDE THE OWNER OR THE OWNER'S REPRESENTATIVE, THE ON-SITE FOREMAN IN CHARGE OF LAND DISTURBANCE, THE ENVIRONMENTAL CONSULTANT AND THE APPROPRIATE HOWARD COUNTY INSPECTORS.

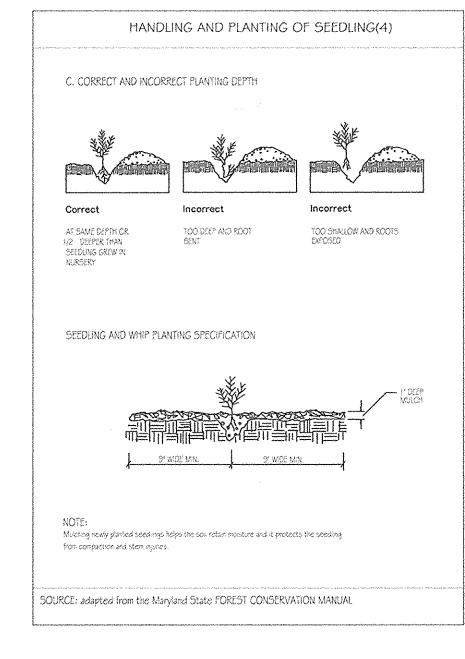
I. THE LIMIT OF FOREST RETENTION SHALL BE STAKED AND FLAGGED.

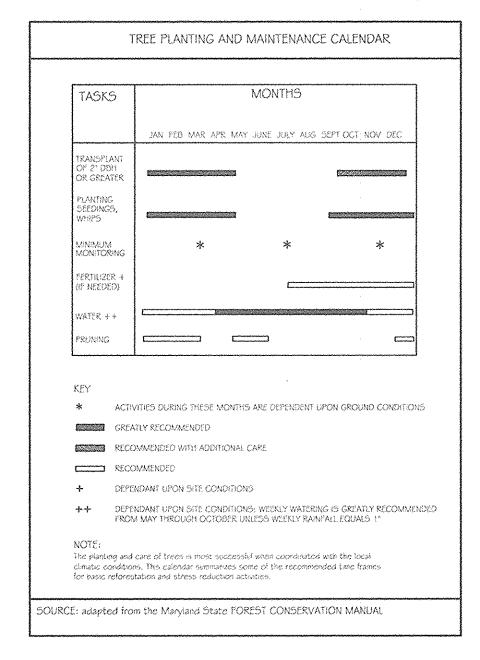
- 3. FOREST PROTECTION DEVICES AND SIGNS (SEE DETAILS) SHALL BE INSTALLED PRIOR TO ANY CLEARING OR GRADING. THE PROTECTION DEVICES AND SIGNS SHALL BE MAINTAINED DURING THE ENTIRE CONSTRUCTION PERIOD. NONE OF THE DEVICES SHALL BE ANCHORED OR ATTACHED IN ANY WAY TO THE TREES TO BE SAVED. THE MAINTENANCE TIME FRAME MAY BE EXTENDED TO ACCOMMODATE SUBSEQUENT PHASES OF DEVELOPMENT.
- 4. EQUIPMENT, VEHICLES AND BUILDING MATERIALS SHALL NOT BE WITHIN THE PROTECTED AREA, ACTIVITIES STRICTLY TO IMPLEMENT ANY REFORESTATION PLANTING AND MAINTENANCE (I.E. WATERING, FERTILIZING THINNING, PRUNING, REMOVAL OF DEAD AND DISEASED TREES WHERE NECESSARY, ETC.) OF THE CONSERVATION AREA ARE PERMITTED. CLEARING FOR THE PURPOSE OF SODDING OR PLANTING GRASS IS NOT PERMITTED WITHIN THE FOREST CONSERVATION AREA ONCE IT'S ESTABLISHED.
- 5. AT THE END OF THE CONSTRUCTION PERIOD, THE DESIGNATED QUALIFIED PROFESSIONAL SHALL CONVEY CERTIFICATION TO THE ADMINISTRATOR OF THE HOWARD COUNTY FOREST CONSERVATION PROGRAM THAT ALL FOREST RETENTION AREAS HAVE BEEN PRESERVED, ALL REFORESTATION AND/OR AFFORESTATION PLANTINGS (IF APPLICABLE) HAVE BEEN INSTALLED AS REQUIRED BY THE FOREST CONSERVATION PLAN, AND THAT ALL PROTECTION MEASURES REQUIRED FOR THE POST-CONSTRUCTION PERIOD HAVE BEEN INSTALLED. UPON REVIEW OF THE FINAL CERTIFICATION DOCUMENT FOR COMPLETENESS AND ACCURACY, THE PROGRAM COORDINATOR WILL NOTIFY THE OWNER OF RELEASE FROM THE CONSTRUCTION PERIOD OBLIGATIONS. THE 2-YEAR (MIN.) POST-CONSTRUCTION MANAGEMENT AND PROTECTION PERIOD THEN COMMENCES.

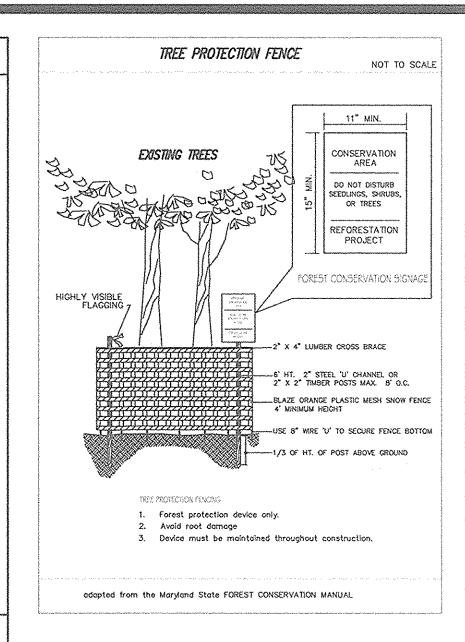
#### FOREST CONSERVATION PROGRAM SEQUENCE I. OBTAIN ALL NECESSARY PERMITS.

- 2. STAKEOUT LIMITS OF DISTURBANCE.
- 3, FIELD MEETING TO REVIEW AND VERIFY LIMIT OF DISTURBANCE FOR THE LIMITS OF GRADING AND CONSTRUCTION.
- 4. INSTALL FOREST CONSERVATION SIGNS (SEE DETAIL ON THIS SHEET) AND FOREST PROTECTION DEVICES ALONG THE FCE AREAS. (FENCES) ALONG THE PORTION OF THE LIMIT OF DISTURBANCE (THAT INVOLVES CLEARING AND/OR RETENTION OF TREES) SEE ALSO THE SEDIMENT CONTROL PLANS FOR OTHER PROTECTION MEASURES.
- 5. COMMENCE SITE CONSTRUCTION.
- 6. INSPECTION AND CERTIFICATION FOR THE RELEASE OF THE CONSTRUCTION PERIOD OBLIGATIONS; START OF POST-CONSTRUCTION MANAGEMENT PERIOD.
- 7. POST-CONSTRUCTION MANAGEMENT FOR A PERIOD OF 2 YEARS (MIN.).
- 8. FINAL INSPECTION AND CERTIFICATION FOR THE RELEASE OF THE OWNER'S FOREST CONSERVATION OBLIGATION.

- I. THE TREE PROTECTION FENCING SHOWN ON THESE PLANS IS TEMPORARY AND SHALL REMAIN IN PLACE DURING CONSTRUCTION ACTIVITY, BUT THE FOREST CONSERVATION SIGNAGE IS PERMANENT AND SHALL REMAIN IN PLACE AROUND THE FOREST CONSERVATION EASEMENTS AFTER THE REMOVAL OF THE TREE PROTECTION FENCING.
- 2. FOREST CONSERVATION SIGNAGE SHALL BE INSTALLED ALONG THE PERIMETER OF THE CONSERVATION EASEMENT AT 50' TO 100' APART AND AT ALL CORNERS WHERE THE EASEMENT CHANGES DIRECTION.
- 3. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.

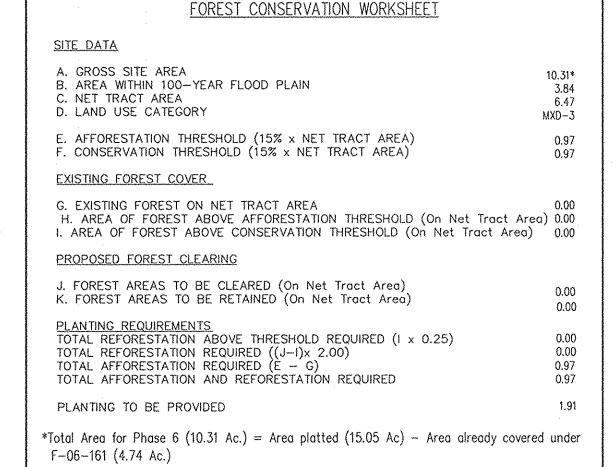


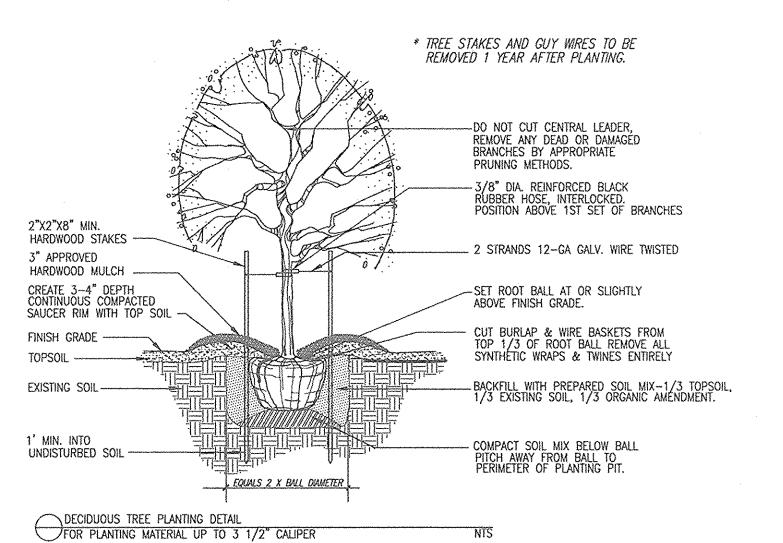


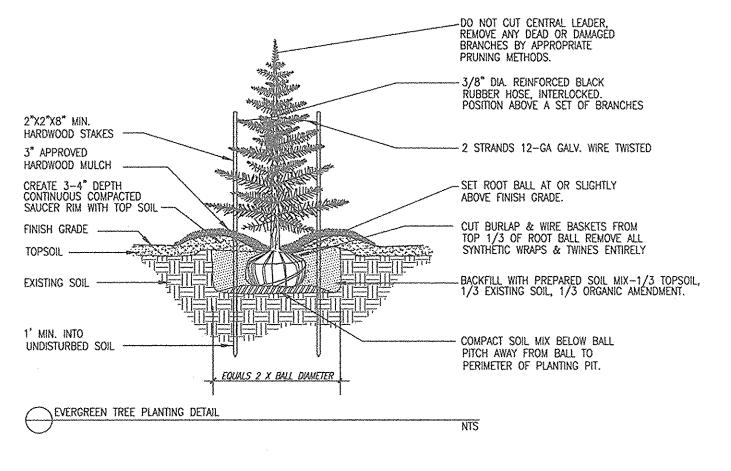


1. This afforestation plan is provided in accordance with the requirements of Subtitle 12 "Forest Conservation" of the Howard County Code.

- 2. Implementation of this plan must be performed by a contractor that is knowledgeable and experienced in afforestation/reforestation techniques and practices.
- 3. The owner is responsible for a 2-year (min.) post-construction maintenance period which involves activities necessary to ensure survival and growth of the conservation area. Two inspections per year by a qualified professional at beginning and end of the growing season, are recommended in order to take remedial steps as necessary. If, after one year, the possibility exists that the original planting (If applicable) will not meet survival rate standards, the applicant may choose to establish reinforcement
- f. At the end of the post-construction management and protection period, certification by a qualified consultant will be required before to the owner can be released from his/her forest conservation obligation to the administrator of the Howard County Forest Conservation program.
- 5. The contractor is responsible for the location of any existing utilities. The repair of any utilities damaged by the contractor shall be at the contractor's expense.
- 6. Street trees provided at Final Plan Stage. Landscape and Buffering requirements to be provided at Final Plan Stage or Site Plan Stage.
- 7. The forest conservation easements shown on this plan will be established to fulfill the requirements of the Forest Conservation Program. No clearing, grading or construction is permitted within the forest conservation easements, however, forest management practices as defined in the Deed of Forest Conservation Easement are allowed.
- 8. The forest conservation requirements per Section 16.1202 of the Howard County Code and the Forest Conservation manual for Phase 6 of this project with an afforestation and reforestation obligation of 0.97 acres will be fulfilled with afforestation planting in the amount of 1.91 acres, which leaves 7.99 acres of excess afforestation planting being done in advance as forest conservation credit for future phases of this project.







STATE OF MARYLAND

FOREST CONSERVATION SURETY CALCULATIONS  $83,199.60 \times \$0.50/S.F. RE/AFFORESTATION = \$41,599.80$  $0.00 \times \$0.20/S.F. RETENTION = \$0.00$ TOTAL SURETY = \$41,599.80

PRELIMINARY FOREST CONSERVATION DETAILS AND NOTES

SCALE" G. L. W. FILE No. ZONING MAPLE LAWN FARMS 06001 AS SHOWN MXD-3HILLSIDE DISTRICT - AREA 4 TAX MAP - GRID SHEET Lots 222 through 321, Open Space Lots 322 through 324, and Common Open Areas 325 through 328 JAN., 2007 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

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PREPARED FOR: G&R MAPLE LAWN INC SUITE 300 WOODHOLME CENTER 1829 REISTERSTOWN ROAD BALTIMORE, MD 21208 ATTN: CHARLIE O'DONOVAN 410-484-8400

ELECTION DISTRICT No. 5

P-07-02

