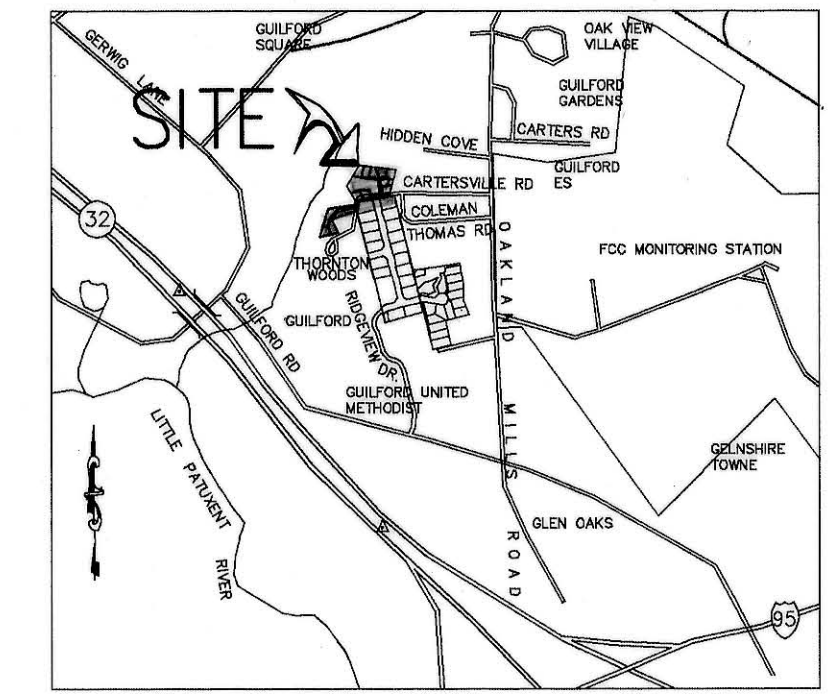


COORDINATES

POINT	NORTHING	EASTING
1	N 547770.366	E 1359267.635
2	N 547723.189	E 1359665.234
3	N 547434.137	E 1359572.379
4	N 547415.318	E 1359571.344
5	N 547333.720	E 1359591.088
6	N 547304.937	E 1359473.055
7	N 547396.083	E 1359450.829
8	N 547388.198	E 1359401.421
9	N 547307.352	E 1359421.135
10	N 547274.255	E 1359285.411
11	N 547302.542	E 1359278.464
12	N 547210.945	E 1359001.166
13	N 547075.973	E 1359066.608
14	N 547035.906	E 1358874.431
15	N 547321.606	E 1358960.353
16	N 547364.189	E 1359250.991
17	N 547560.062	E 1359142.293



VICINITY MAP
SCALE: 1"=2000'

- GENERAL NOTES:**
- PROJECT BACKGROUND
 - (a.) TAX MAP 42, PARCELS 40, 341, 318 & LOTS 11 & 12 OF THORNTON WOODS.
 - (b.) EXISTING ZONING = R-12
 - (c.) GROSS AREA = 5.20 ACRES
 - (d.) NO. OF LOTS = 14 BUILDABLE & 1 OPEN SPACE
 - (e.) AREA OF PROPOSED LOTS = 134,787.00 S.F. = 3.09 AC.
 - (f.) AREA OF PROPOSED ROADS = 20,000 S.F.
 - (g.) THIS SUBDIVISION IS SUBJECT TO WP 95-35 APPROVED ON FEBRUARY 3, 1995 WAIVING THE REQUIREMENT OF SECTION 16.116-a-1f2 TO PERMIT GRADING WITHIN THE WETLAND AND STREAM BUFFERS, AND SECTION 16.120(a)(i) TO PERMIT SIX (6) PIPESTEM LOTS ADJACENT TO EACH OTHER.
 - (h.) SKETCH PLAN WAS APPROVED ON FEB. 27, 1995 UNDER S-95-06.
 - BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY JOHN C. MELLEMA, INC. ON OR ABOUT DECEMBER 1993.
 - PUBLIC WATER AND SEWER IS PUBLIC AND WILL BE CONNECTED TO CONTRACT NO. 24-3241-D, 609 W&S C-383A-W&S.
 - EXISTING UTILITIES WERE BASED ON EXISTING APPROVED COUNTY PLAN AND TOPOGRAPHIC SURVEY PERFORMED BY JOHN C. MELLEMA, SR.
 - PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.

OPEN SPACE TABULATION

TOTAL AREA OF SUBDIVISION (COLEMAN & MATTHEWS) = 4.67 ACRES
 AREA OF LOTS 11 & 12 OF THORNTON WOODS = 0.53 ACRES
 AREAS REQUIRING OPEN SPACE = 5.20 ACRES
 MINIMUM LOT AREA = 8,400 S.F.

30% OPEN SPACE REQUIRED = 67,953.60 S.F. = 1.56 ACRES
 OPEN SPACE PROVIDED = 74,910.00 S.F. = 1.72 ACRES

AREA OF WETLANDS = 7973 S.F. = .18 ACRES
 AREA OF STORMWATER MANAGEMENT = 11,700 S.F. = .27 ACRES
 NET DRY GROUND = 55,237 S.F. = 1.27 ACRES = 74.4%

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
1	316.00'	57.00'	28.58'	56.92'	S85°36'00"E	10°20'06"
2	316.00'	186.72'	96.18'	184.02'	N82°38'22"E	33°51'22"

NO OF STREET TREES = 13

LOT NO.	AREA	PIPE STEM	WETLAND	25% SLOPE	NET AREA
2	8,790.00	390.00	0	0	8,400.00
3	10,067.00	1,667.00	0	0	8,400.00
4	9,111.00	711.00	0	0	8,400.00
5	9,109.00	709.00	0	0	8,400.00
6	9,448.00	1,048.00	0	0	8,400.00
7	9,771.00	1,371.00	0	0	8,400.00
9	9,277.00	877.00	0	0	8,400.00
10	9,859.00	1,367.00	92	0	8,400.00
11	11,870.00	3,470.00	0	0	8,400.00
12	11,802.00	3,402.00	0	0	8,400.00

PLAN
SCALE 1" = 50'

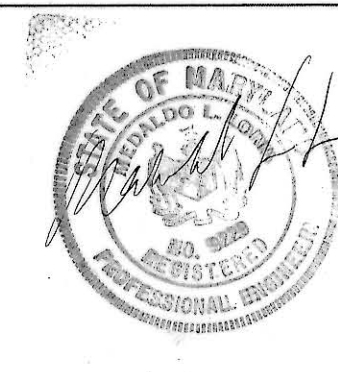
- LEGEND:**
- EX. GRADE: --- 340 ---
 - PROP. GRADE: 340
 - WETLAND: [Hatched Box]
 - TREELINE: [Cloud Shape]
 - TREELINE TO BE SAVED: [Wavy Line]
 - STREET TREES: [Tree Symbol]
 - STREET LIGHT: [Star Symbol]
 - GUARD RAIL: [Dashed Line]

TENTATIVELY APPROVED
DEPT. OF PLANNING AND
ZONING OF
HOWARD COUNTY

Frank J. Rayle
PLANNING DIRECTOR DATE 6/9/95

DESIGNED BY	JER	DATE	5-7-95
DRAWN BY	AVG	DATE	5-7-95
CHECKED BY	MLL	DATE	5-30-95
NO	DATE	REVISION	BY:

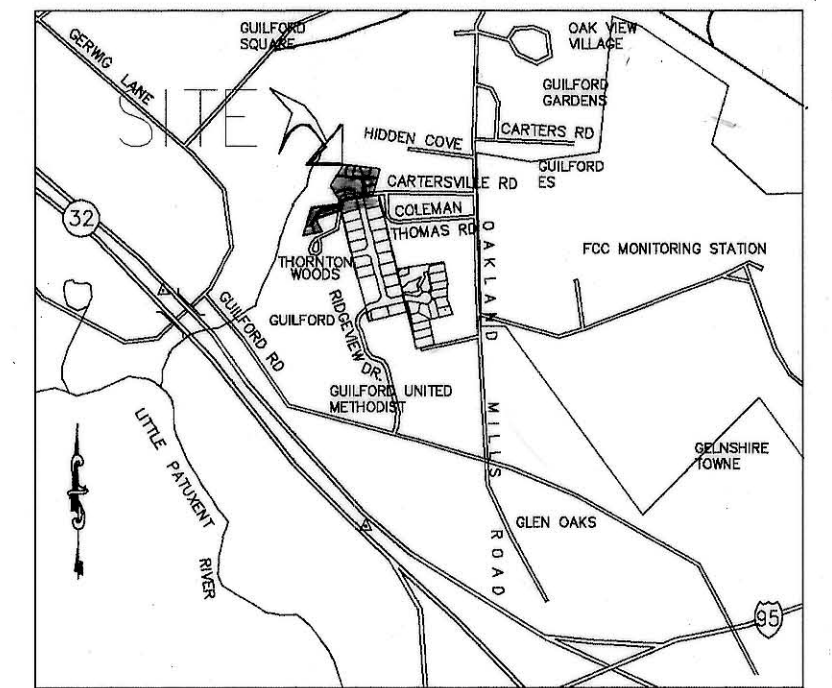
oria Engineering Inc.
CONSULTING ENGINEERS
8307 MAIN ST., HISTORIC ELLICOTT CITY, MD.
410-465-0400



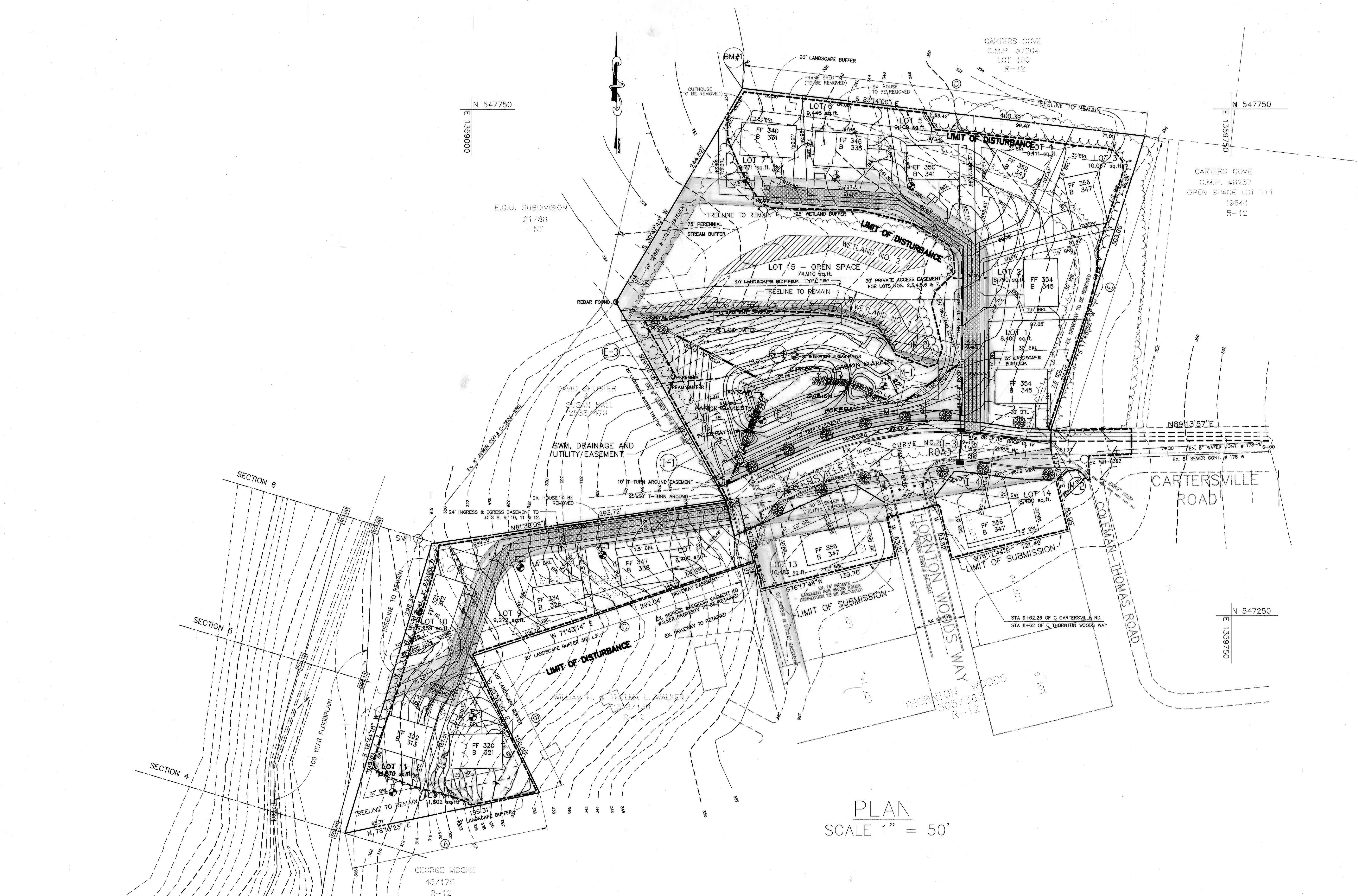
DEVELOPER :
LAND DESIGN & DEVELOPMENT INC.
10805 HICKORY RIDGE ROAD
COLUMBIA, MARYLAND 21044

OWNERS:
MAPLE COLEMAN
9276 CARTERSVILLE RD.
COLUMBIA, MARYLAND 21046
WILLIAM A. MATTHEWS
9272 CARTERSVILLE RD.
COLUMBIA, MARYLAND 21046

PRELIMINARY PLAN
MATTHEWS WOODS
LOTS 1 THRU 15
TAX MAP 42, PARCELS 40, 341 & 318 & LOTS 11&12 OF THORNTON WOODS 6TH ELEC. DIST., HOWARD CO., MD.
DATE : 5-30-95 SCALE : 1" = 50' SHEET 1 OF 2



VICINITY MAP
SCALE: 1"=2000'



PLAN
SCALE 1" = 50'

LEGEND:
 [Symbol] INFILTRATION TRENCH
 [Symbol] LIMIT OF DISTURBANCE

SCHEDULE A
PERIMETER LANDSCAPE EDGE (TYPE A)

Category	LANDSCAPE BUFFER DESIGNATION				
	A	B	C	D	E
Linear Feet	195	150	290	400	300
Credit for Existing Vegetation	120	0	0	210	140
Credit for Wall, Fence or Bern	0	0	0	0	0
Number of Plants Required	1	2	4	3	2
Number of Plants Provided	1	2	4	3	2

SCHEDULE D
STORMWATER MANAGEMENT AREA LANDSCAPING (TYPE B)

Linear Feet of Perimeter	750
Credit for Existing Vegetation (No, Yes and %)	330
Number of Trees Required	8
Shade Trees	10
Evergreen Trees	
Credit for Other Landscaping (No, Yes and %)	NO
Number of Trees Provided	8
Shade Trees	10
Evergreen Trees	
Other Trees (2:1 substitution)	

NOTE:
 1. All Perimeter Landscape Edge (Type A) will be the responsibility of the builder of each lot.
 2. All Stormwater Management Area Landscaping (Type B) will be the responsibility of the developer.

INFILTRATION TRENCHES ON LOTS

LOT NO.	SIZE	VOLUME REQUIRED CU.FT.	VOLUME PROVIDED CU.FT.
5	6x6x4.7	66.25	67.70
6	10x7x5	136.70	140.00
7	9x6x5	105.80	108.00
8	12x6x5	153.80	156.00
9	10x7x5	136.00	140.00
10	10x6.5x5	126.50	130.00
11	9x6x5	106.70	108.00
12	10x6x4.2	98.50	100.80

TENTATIVELY APPROVED
 DEPT. OF PLANNING AND ZONING OF
 HOWARD COUNTY
Frank J. Layler 6/2/95
 PLANNING DIRECTOR DATE

DESIGNED BY	DATE
JER	5-7-95
DRAWN BY	AVG
DATE	5-7-95
CHECKED BY	MLL
DATE	5-30-95

oria Engineering Inc.
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 COLUMBIA, MARYLAND 21046
 WILLIAM A. MATTHEWS
 9272 CARTERSVILLE RD.
 COLUMBIA, MARYLAND 21046

GRADING AND LANDSCAPE PLAN
MATTHEWS WOODS
 LOTS 1 THRU 15
 TAX MAP 42, PARCELS 40, 341 & 318 & LOTS 11&12 OF THORNTON WOODS 6TH ELEC. DIST., HOWARD CO., MD.
 DATE : 5-30-95 SCALE : 1" = 50' SHEET 2 OF 2