

# COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## COORDINATE

## SCHEDULE

NO	NORTH	EAST
1	500,236.69	851,154.77
2	500,855.71	851,354.94
3	500,917.12	851,411.32
4	500,964.96	851,584.58
5	501,006.54	851,878.20
6	500,895.25	852,086.46
7	500,774.16	852,192.00
8	500,769.36	852,225.48
9	499,711.08	852,075.73
18	500,340.25	851,083.16
19	500,886.48	851,759.79
26	500,071.11	851,634.94
28	500,135.46	851,625.82
29	500,85.94	851,982.27
30	500,116.63	851,997.08
31	500,118.31	852,003.96
32	500,088.61	852,008.17
33	500,089.31	852,013.12
34	499,767.84	852,013.90
35	500,476.91	852,644.71
36	499,992.53	852,241.74
37	500,034.74	852,198.60
38	500,010.06	852,024.34
39	499,629.75	851,918.53
40	499,833.15	851,548.82
41	499,807.32	851,366.37
42	500,556.75	852,397.19
43	500,547.64	852,332.83
44	500,824.48	852,123.89
45	500,434.15	852,761.10
47	500,420.14	852,729.32
48	500,071.77	851,328.86
49	500,297.58	851,174.46
50	500,825.05	852,124.72
51	500,769.07	851,970.96
52	500,723.71	851,678.87
53	500,632.58	851,605.93
55	500,576.07	851,563.43
56	500,759.05	852,169.92
57	500,275.15	852,633.53
58	500,476.24	852,783.08
59	500,605.59	852,324.62

NO	NORTH	EAST
60	500,616.80	852,395.92
61	501,009.30	851,372.55
62	501,063.98	851,570.56
63	501,134.08	852,065.63
64	500,644.50	851,690.09
77	500,840.16	852,146.80
78	500,873.11	852,154.43
81	500,331.43	852,576.68
82	500,450.36	852,655.26
86	500,482.61	852,642.35
90	499,736.83	851,769.09
91	499,915.66	851,897.23
92	499,803.34	852,053.99
93	499,884.88	851,940.19
94	500,003.60	852,025.26
103	499,642.51	851,954.43
104	499,589.11	851,889.41
106	500,318.89	852,365.22
107	500,072.84	852,320.73
108	500,172.34	852,419.27
109	500,207.86	852,454.39
111	500,311.88	852,315.71
113	500,273.63	852,387.96
115	500,238.09	852,352.79
116	500,181.49	852,210.96
117	500,294.78	852,194.92
118	500,683.34	851,964.35
119	500,512.35	851,988.60
120	500,479.52	851,758.90
121	500,438.92	851,764.65
122	500,422.80	851,650.78
123	500,144.58	851,690.18
124	500,685.86	851,982.18
125	500,758.47	852,169.09

### TABULATIONS

TOTALS	ACREAGE
Parcels	18 246
R.O.W.	3.109
Open Space	9.506
Total	30.861
Lots this plat (incl open space)	7
Open Space Lots	4

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS: HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

### SURVEYOR'S, ENGINEER'S and OWNER'S CERTIFICATES

The undersigned, owner of the property shown on this Plat, grants unto, (1) Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain water and sewer mains and laterals therefor in and under all road and street rights-of-way as shown hereon; (2) further it adopts this plan of subdivision and reserves the fee simple title to the beds of the streets and/or roads hereon, except however, for one dollar consideration, it herewith grants the right and option to Howard County, Maryland to acquire (within a period of five years commencing with the date of recording of this plat among the Land Records of Howard County) the fee simple title to the beds of the streets and/or roads shown hereon, together with such adjacent land, if any, as may be shown on this plat as areas designated for the installation of street lighting facilities, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 106 recorded in Plat Book 20 Folios 45 to 48, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated December 13, 1966 and recorded among the Land Records of Howard County, Maryland in Liber 463 Folio 196, was granted and conveyed by C. Aileen Ames to The Howard Research and Development Corporation.

PROFESSIONAL LAND SURVEYOR

(By) *Walter L. Phillips*  
WALTER L. PHILLIPS Reg. No. #3145

901 W. BROAD ST. FALLS CHURCH, VA.

PROFESSIONAL ENGINEER

(By) *Walter L. Phillips*  
WALTER L. PHILLIPS Reg. No. #3145

901 W. BROAD ST. FALLS CHURCH, VA.

OWNER

(By) \_\_\_\_\_ Auth. Agent

RECORDED IN PLAT BOOK 21 FOLIO 81  
on 5/11 1977 among The  
Land Records of Howard County, Maryland.

### COLUMBIA

### VILLAGE OF LONGREACH

SECTION 1

AREA 5

Sheet 1 of 3

6<sup>TH</sup> Election District of Howard County, Md.

Scale: 1" = 100'

Date: 3-18-77

100

# COLUMBIA

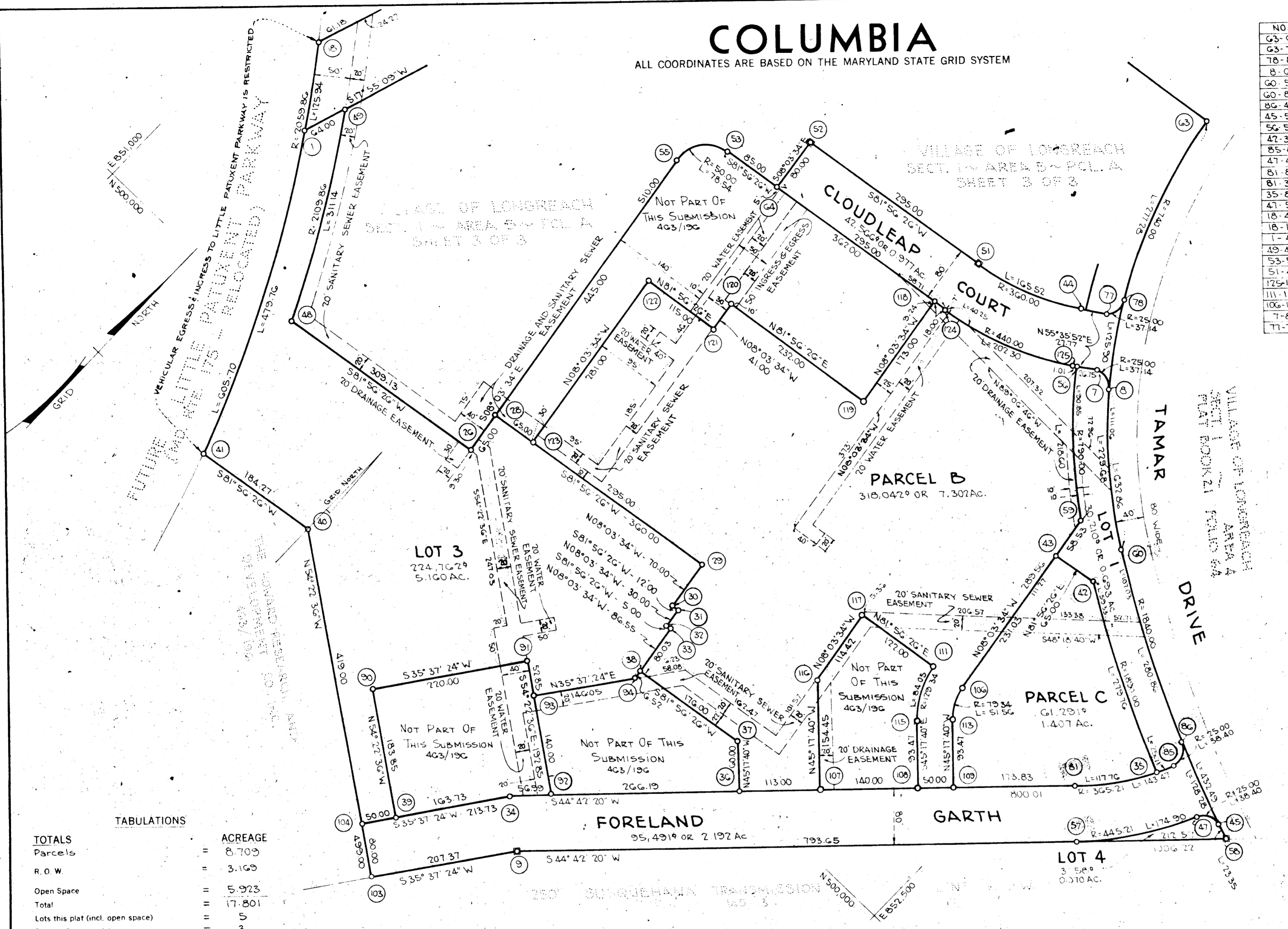
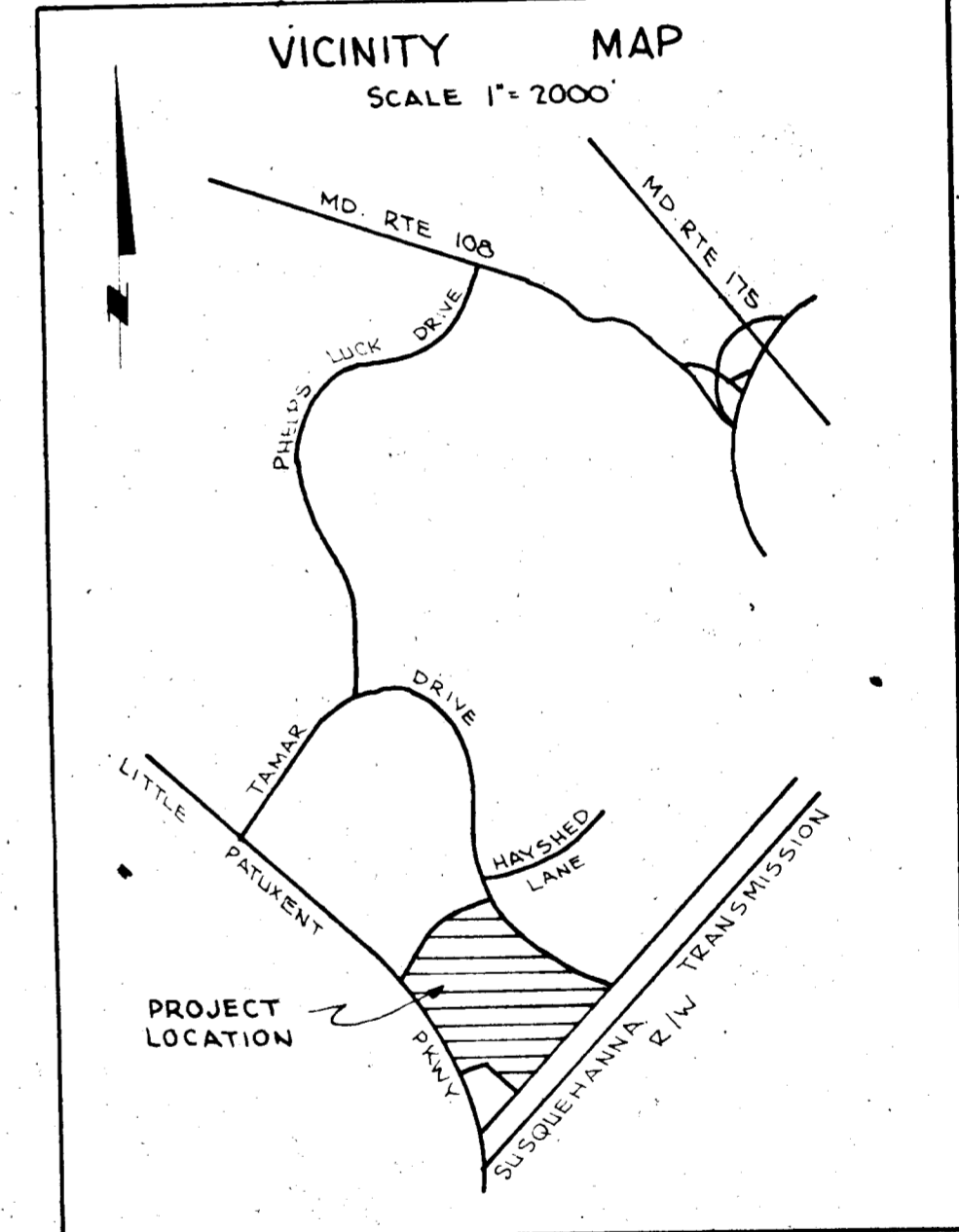
ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## CURVE DATA

NO	RADIUS	DELTA	TAN	LENGTH	CHORD	CHORD BEARING
G3-60	740.00	49° 00' 00"	337.24	632.86	613.75	S 32° 33' 34" E
G3-78	740.00	21° 28' 07"	140.28	271.28	275.66	S 18° 47' 37" E
78-8	740.00	9° 44' 54"	63.90	125.90	125.75	S 34° 24' 08" E
8-60	740.00	17° 46' 59"	115.77	229.68	228.76	S 46° 10' 04" E
G0-58	1840.00	13° 28' 03"	217.25	432.49	431.50	S 70° 31' 31" E
G0-86	1840.00	8° 44' 45"	140.71	280.86	280.59	S 61° 25' 56" E
86-45	1840.00	3° 59' 40"	64.17	128.28	128.25	S 67° 48' 09" E
45-58	1840.00	0° 43' 38"	11.68	23.35	23.35	S 70° 09' 48" E
58-59	790.00	15° 51' 14"	110.00	218.60	217.90	S 45° 13' 53" E
47-35	1890.00	8° 28' 52"	140.14	279.76	279.51	S 62° 19' 19" E
85-86	75.00	88° 00' 10"	24.14	38.40	34.73	S 21° 48' 14" E
87-45	75.00	88° 00' 10"	24.14	38.40	34.73	S 66° 11' 56" W
81-85	365.21	22° 30' 29"	72.67	143.47	142.55	N 33° 27' 05" E
47-35	365.21	18° 28' 28"	59.40	117.76	117.25	N 35° 28' 06" E
81-35	365.21	18° 28' 28"	59.40	117.76	117.25	N 33° 27' 05" E
35-85	365.21	4° 02' 01"	12.86	25.71	25.71	N 24° 12' 51" E
47-37	445.21	22° 30' 29"	88.59	174.90	173.78	N 33° 27' 05" E
18-41	2059.86	16° 50' 52"	305.05	605.70	603.52	N 27° 59' 12" W
18-1	2059.86	3° 30' 11"	62.99	125.94	125.97	S 34° 39' 32" E
1-41	2059.86	13° 20' 41"	240.97	479.76	478.68	S 26° 14' 06" E
49-48	2109.86	8° 26' 58"	155.85	311.14	310.86	S 29° 46' 50" E
53-55	50.00	90° 00' 00"	50.00	78.54	70.71	N 36° 56' 26" E
51-44	360.00	76° 20' 34"	84.25	165.57	164.06	N 68° 46' 09" E
125-124	440.00	26° 20' 34"	102.97	202.30	200.52	N 68° 46' 09" E
111-115	129.34	37° 14' 06"	43.57	84.05	82.58	N 26° 40' 37" W
106-113	79.34	37° 14' 06"	26.73	51.56	50.66	N 26° 40' 37" W
7-8	25.00	85° 07' 33"	22.96	37.14	33.82	S 81° 50' 21" E
71-76	25.00	85° 07' 33"	22.96	37.14	33.82	S 13° 02' 05" S

The undersigned, owner of the property shown on this plat, grants unto Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and through the specific easement areas shown hereon, to the end that the specific lots shall be thereby burdened with the right of way shown hereon.

BY: *[Signature]*  
The Howard Research & Development Corporation



TABULATIONS

TOTALS	ACREAGE
Parcels	8.709
R.O.W.	3.169
Open Space	5.923
Total	17.801
Lots this plat (incl. open space)	5
Open Space Lots	3

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

SURVEYOR'S, ENGINEER'S and OWNER'S CERTIFICATES

The undersigned, owner of the property shown on this Plat, grants unto, (1) Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain water and sewer mains and laterals therefor in and under all road and street rights-of-way as shown hereon; (2) further it adopts this plan of subdivision and reserves the fee simple title to the beds of the streets and/or roads hereon, except however, for one dollar consideration, it herewith grants the right and option to Howard County, Maryland to acquire (within a period of five years commencing with the date of recording of this plat among the Land Records of Howard County) the fee simple title to the beds of the streets and/or roads shown hereon, together with such adjacent land, if any, as may be shown on this plat as areas designated for the installation of street lighting facilities, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 106 recorded in Plat Book 20 Folios 45 to 48, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated December 13, 1966 and recorded among the Land Records of Howard County, Maryland in Liber 463 Folio 196, was granted and conveyed by C. Aileen Ames to The Howard Research and Development Corporation.

PROFESSIONAL LAND SURVEYOR (By) *[Signature]* WALTER L. PHILLIPS Reg. No. 3645  
 PROFESSIONAL ENGINEER (By) *[Signature]* WALTER L. PHILLIPS Reg. No. 3645  
 OWNER (By) \_\_\_\_\_ Auth. Agent

901 W. BROAD ST. FALLS CHURCH, VA.

RECORDED IN PLAT BOOK 21 FOLIO 82  
 on 5/11/71, 19 71 among The  
 Land Records of Howard County, Maryland.

COLUMBIA  
 VILLAGE OF LONGREACH

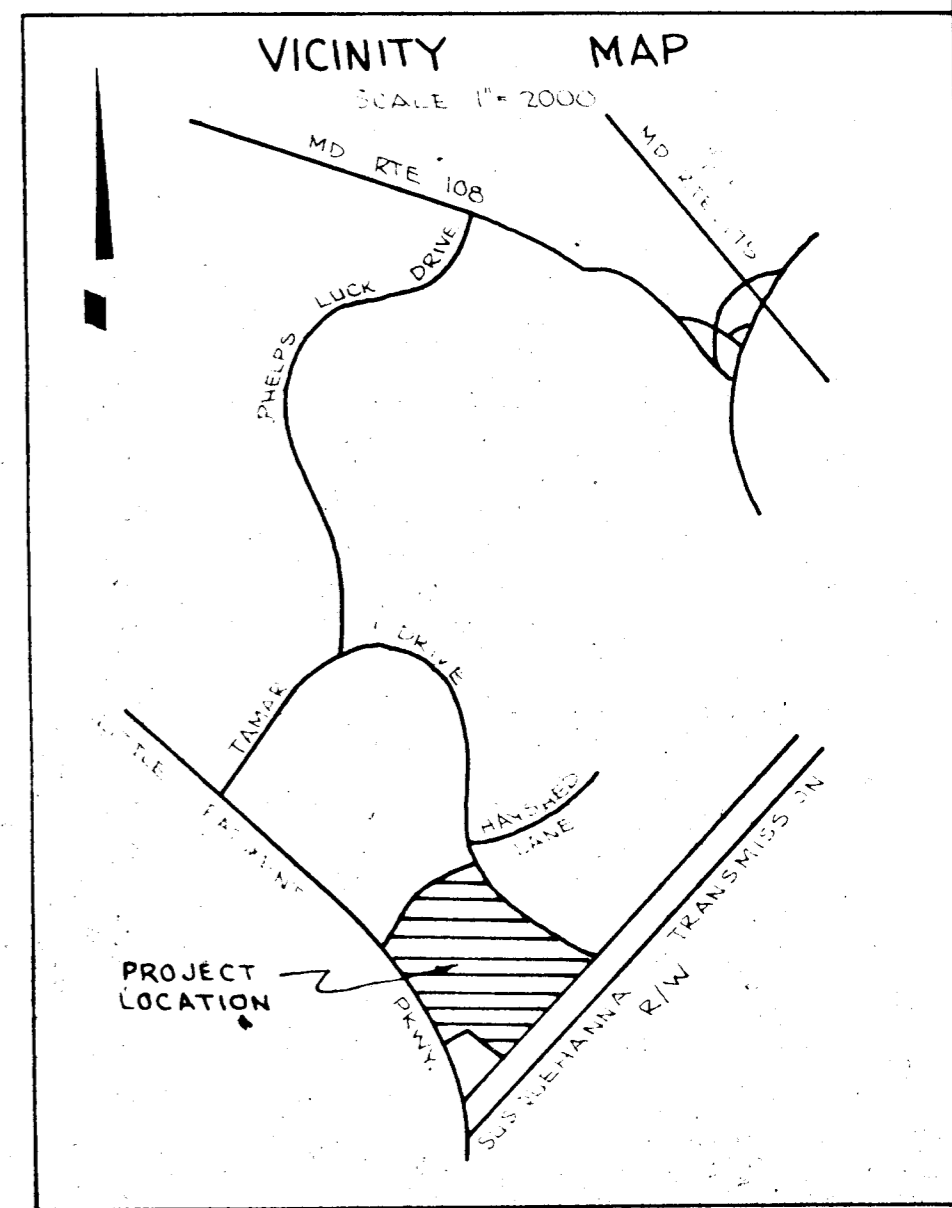
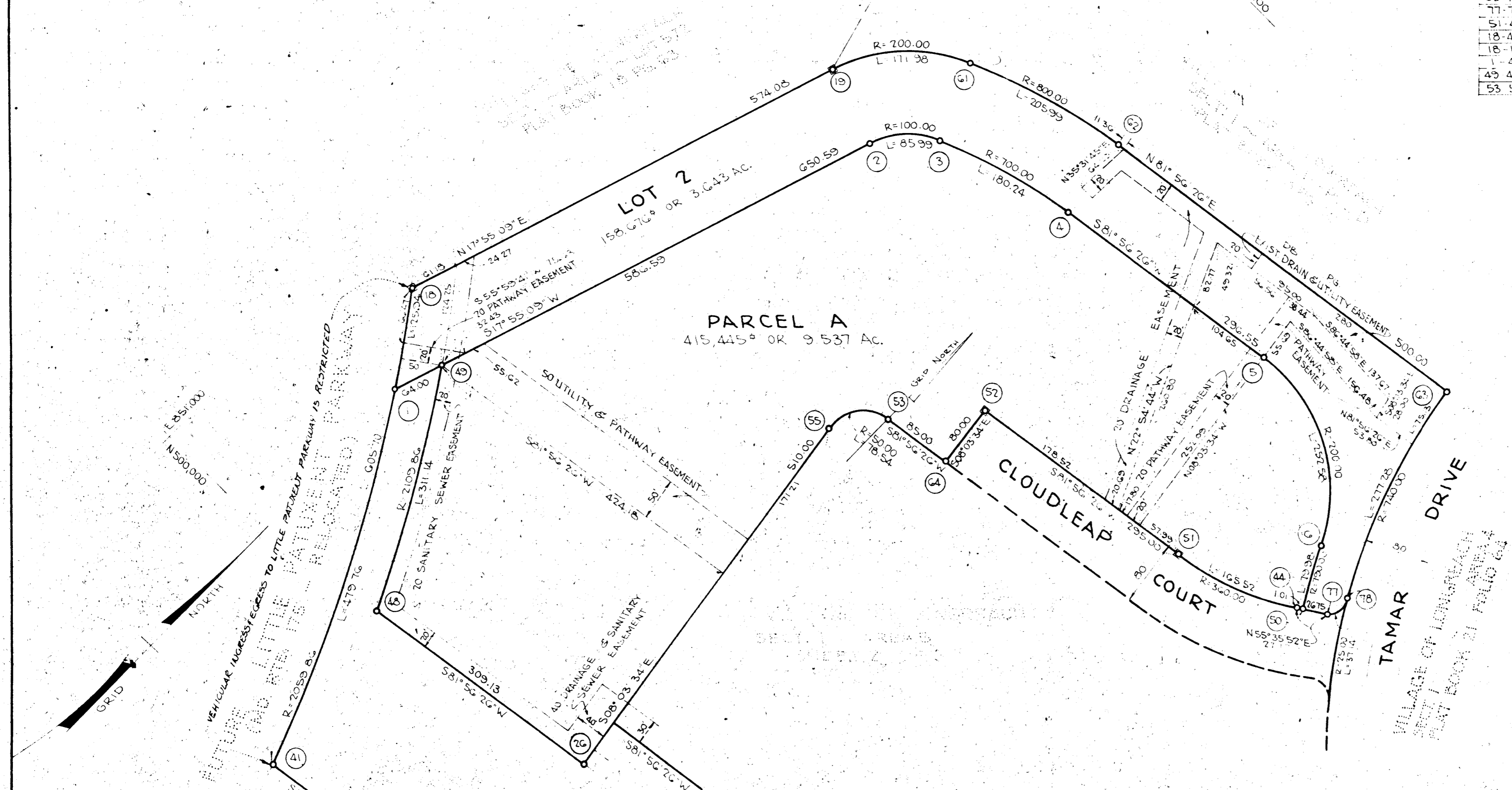
SECTION 1  
 AREA 5  
 Sheet 2 of 3  
 6th Election District of Howard County, Md.  
 Scale: 1" = 100' Date: 3-18-71

# COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## CURVE DATA

NO	RADIUS	DELTA	TAN	LENGTH	CHORD	CHORD BEARING
19-61	200.00	49° 16' 07"	91.71	171.98	166.73	N42° 33' 12.5" E
61-62	800.00	14° 45' 10"	103.57	205.99	205.42	N74° 33' 51" E
2-3	100.00	49° 16' 07"	45.86	85.99	83.37	N42° 33' 12.5" E
3-4	700.00	14° 45' 10"	90.67	180.74	179.14	N74° 33' 51" E
5-6	200.00	72° 21' 37"	146.27	252.58	236.13	S61° 52' 45.5" E
6-50	90.00	5° 48' 03"	40.03	79.98	79.95	S78° 35' 58.5" E
63-76	140.00	21° 28' 07"	140.28	277.28	275.66	S18° 47' 37.5" E
77-78	25.00	85° 07' 33"	22.96	37.14	33.87	S13° 02' 05.5" W
51-44	360.00	26° 20' 34"	84.25	165.52	164.06	N68° 40' 09" E
18-41	2059.86	16° 50' 52"	305.05	605.70	603.52	N27° 59' 12" W
18-1	2059.86	3° 30' 11"	62.99	125.84	125.97	S34° 39' 32.5" E
1-41	2059.86	13° 20' 41"	240.97	479.76	478.68	S70° 14' 05.5" E
45-48	2109.8	4° 26' 58"	155.85	311.14	310.84	S79° 40' 50" E
53-55	50.00	90° 00' 00"	50.00	78.54	70.71	N36° 56' 26" E



**TABULATIONS**

TOTALS	ACREAGE
PARCEL	9.537
R.O.W.	
Open Space	3.643
Total	13.180
Lots this plat (incl. open space)	2
Open Space Lots	1

The undersigned owner of the property shown on this Plat grants unto Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain water and sewer mains and laterals therefor in and under all road and street rights-of-way as shown hereon; (2) further it adopts this plan of subdivision and reserves the fee simple title to the beds of the streets and/or roads hereon, except however, for one dollar consideration, it herewith grants the right and option to Howard County, Maryland to acquire (within a period of five years commencing with the date of recording of this plat among the Land Records of Howard County) the fee simple title to the beds of the streets and/or roads shown hereon, together with such adjacent land, if any, as may be shown on this plat as areas designated for the installation of street lighting facilities, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 106 recorded in Plat Book 20 Folios 45 to 48, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated December 13, 1966 and recorded among the Land Records of Howard County, Maryland in Liber 463 Folio 196, was granted and conveyed by C. Aileen Ames to The Howard Research and Development Corporation.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

**SURVEYOR'S, ENGINEER'S and OWNER'S CERTIFICATES**

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PROFESSIONAL LAND SURVEYOR (By) *Walter L. Phillips* Reg. No. #3245  
**WALTER L. PHILLIPS**  
 901 W. BROAD ST FALLS CHURCH, VA.

PROFESSIONAL ENGINEER (By) *Walter L. Phillips* Reg. No. #3245  
**WALTER L. PHILLIPS**  
 901 W. BROAD ST. FALLS CHURCH, VA.

OWNER (By) \_\_\_\_\_ Auth. Agent \_\_\_\_\_

RECORDED IN PLAT BOOK **21** FOLIO **83**  
 on 5 19 77 among The  
 Land Records of Howard County, Maryland.

**COLUMBIA**  
**VILLAGE OF LONGREACH**

SECTION \_\_\_\_\_ *See Amended*  
 AREA 5 *Plat dated*  
 Sheet 3 of 3 *May 1, 1980*

\_\_\_\_\_ Election District of Howard County, Md.  
 Scale: 1" = 100' Date: 3-18-77