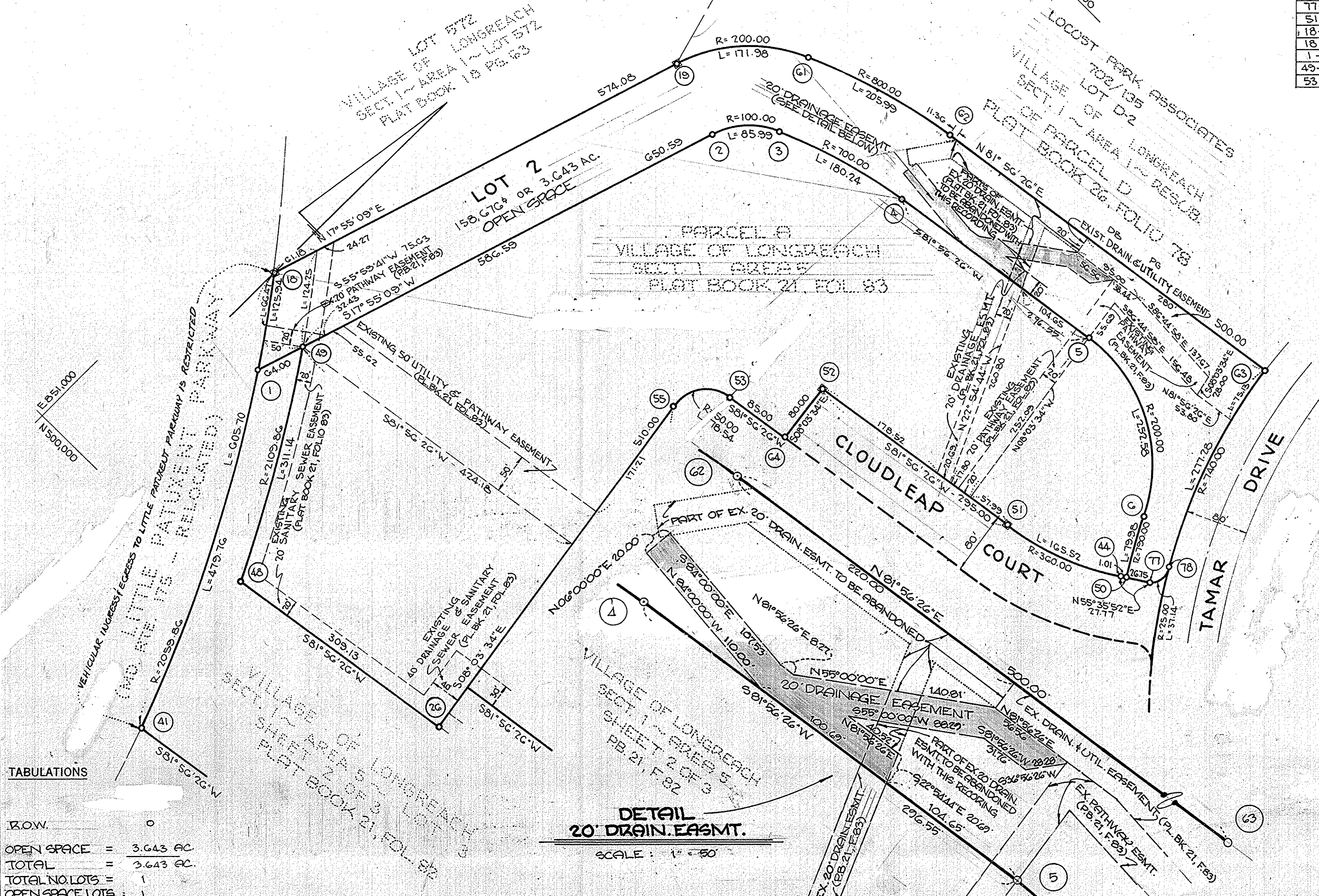
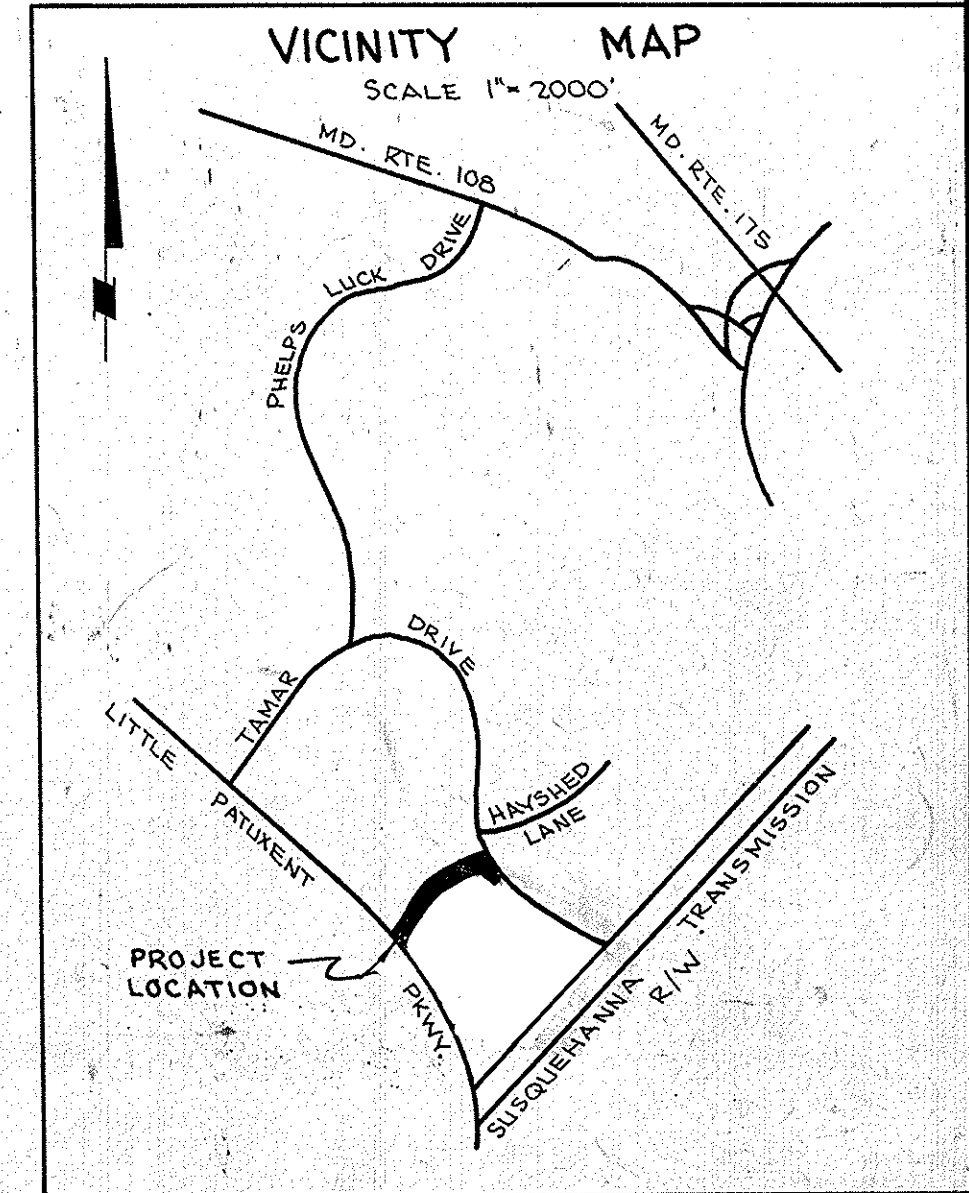


# COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## CURVE DATA

NO	RADIUS	DELTA	TAN	LENGTH	CHORD	CHORD BEARING
19-G1	200.00	49° 16' 07"	91.71	171.98	166.73	N42° 33' 12.5"E
G1-G2	800.00	14° 48' 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	100.00	14° 48' 10"	90.62	180.74	179.74	N74° 33' 51"E
5-C	200.00	72° 21' 37"	146.71	252.58	236.13	S61° 57' 45.5"E
G-50	790.00	5° 48' 03"	40.03	79.98	79.95	S78° 35' 58.5"E
G3-78	740.00	21° 28' 07"	140.28	277.28	275.66	S18° 47' 37.5"E
77-78	75.00	85° 07' 33"	72.96	37.14	33.87	S13° 02' 05.5"W
51-44	360.00	20° 20' 34"	84.25	165.52	164.06	N68° 46' 09"E
18-41	2059.86	10° 50' 52"	305.05	605.70	603.52	N27° 59' 12"W
18-1	2059.86	3° 30' 11"	67.99	125.94	125.92	S34° 39' 32.5"E
1-41	2059.86	13° 20' 41"	240.97	479.76	478.68	S26° 14' 06.5"E
49-48	2109.86	8° 26' 58"	155.85	311.14	310.86	S29° 46' 50"E
53-55	50.00	90° 00' 00"	50.00	78.54	70.71	N36° 56' 26"E



TABULATIONS

B.O.W. 0

OPEN SPACE = 3.643 AC

TOTAL = 3.643 AC

TOTAL NO. LOTS = 1

OPEN SPACE LOTS = 1

**DETAIL**  
**20' DRAIN. EASMT.**  
SCALE: 1" = 80'

NOTE: PURPOSE OF THIS PLAT TO RECORDED EASEMENTS LOT 2. SEE PLATBOOK 21 FOLIO 83

APPROVED: FOR PUBLIC WATER & PUBLIC SEWER, HOWARD CO. HEALTH DEPT.  
*George A. Boyd* 5/13/80  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD CO. OFFICE OF PLANNING & ZONING.  
*Thomas Hamill* 5/13/80  
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWER, STORM DRAIN SYSTEMS & PUBLIC RDS. HOW. CO. DEPT. PUBLIC WKS.  
*Mont S. Neumy* 5-13-80  
DIRECTOR DATE

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF PART OF THE LAND WHICH, BY DEED DATED JUNE 27, 1975, & RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY IN LIBER 1726, FOLIO 832, WAS GRANTED BY THE HOWARD RESEARCH & DEVELOPMENT CORPORATION UNTO THE COLUMBIA PARK & RECREATION ASSOCIATION, INC. & THAT ALL MONUMENTS ARE IN PLACE AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

*Walter Pan* 5/6/80  
DATE  
WALTER PARK  
REG. PROF. L.S. #15639  
HODKINS ASSOCIATES, INC.  
231 JOSEPH SQUARE  
COLUMBIA, MARYLAND 21044

**DEDICATION FOR INDIVIDUALS**

WE, THE COLUMBIA PARK & RECREATION ASSOC. INC., A MARYLAND CORPORATION, BY JACQUELINE DEWEY VICE-PRESIDENT, OWNERS OF THE PROPERTY SHOWN & DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, & IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES, & GRANT UNTO HOWARD COUNTY, MD., ITS SUCCESSORS & ASSIGNS: (1) THE RIGHT TO LAY, CONSTRUCT, & MAINTAIN SEWERS, DRAINS, WATER PIPES, & OTHER MUNICIPAL UTILITIES & SERVICES IN & UNDER ALL ROADS & STREET RIGHTS-OF-WAY; THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS & ROADS, FLOOD PLAINS, & OPEN SPACE, WHERE APPLICABLE, & FOR GOOD & OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT & OPTION UNTO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS & ROADS, FLOOD PLAINS, STORM DRAINAGE FACILITIES, & OPEN SPACE, WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS & DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, MAINTENANCE, & REPAIR; & (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER SAID EASEMENTS & RIGHTS-OF-WAY. WITNESS OUR HAND THIS DAY OF MAY, 1980.

*Jacqueline Dewey* 5/6/80  
DATE  
JACQUELINE DEWEY, V.P.  
COLUMBIA PARK & RECREATION ASSOC., INC.

*Walter Pan* 5/6/80  
WITNESS DATE

RECORDED, AS PLAT NUMBER 4602  
on MAY 13, 1980, 19 among The  
Land Records of Howard County, Maryland.

**COLUMBIA**  
AMENDED PLAT  
**VILLAGE OF LONGREACH**  
LOT 2

SECTION 1  
AREA 5  
Sheet 1 of 1  
G<sup>TH</sup> Election District of Howard County, Md.  
Scale: 1" = 100' Date: MAY 1, 1980

F-71-65c



# COLUMBIA

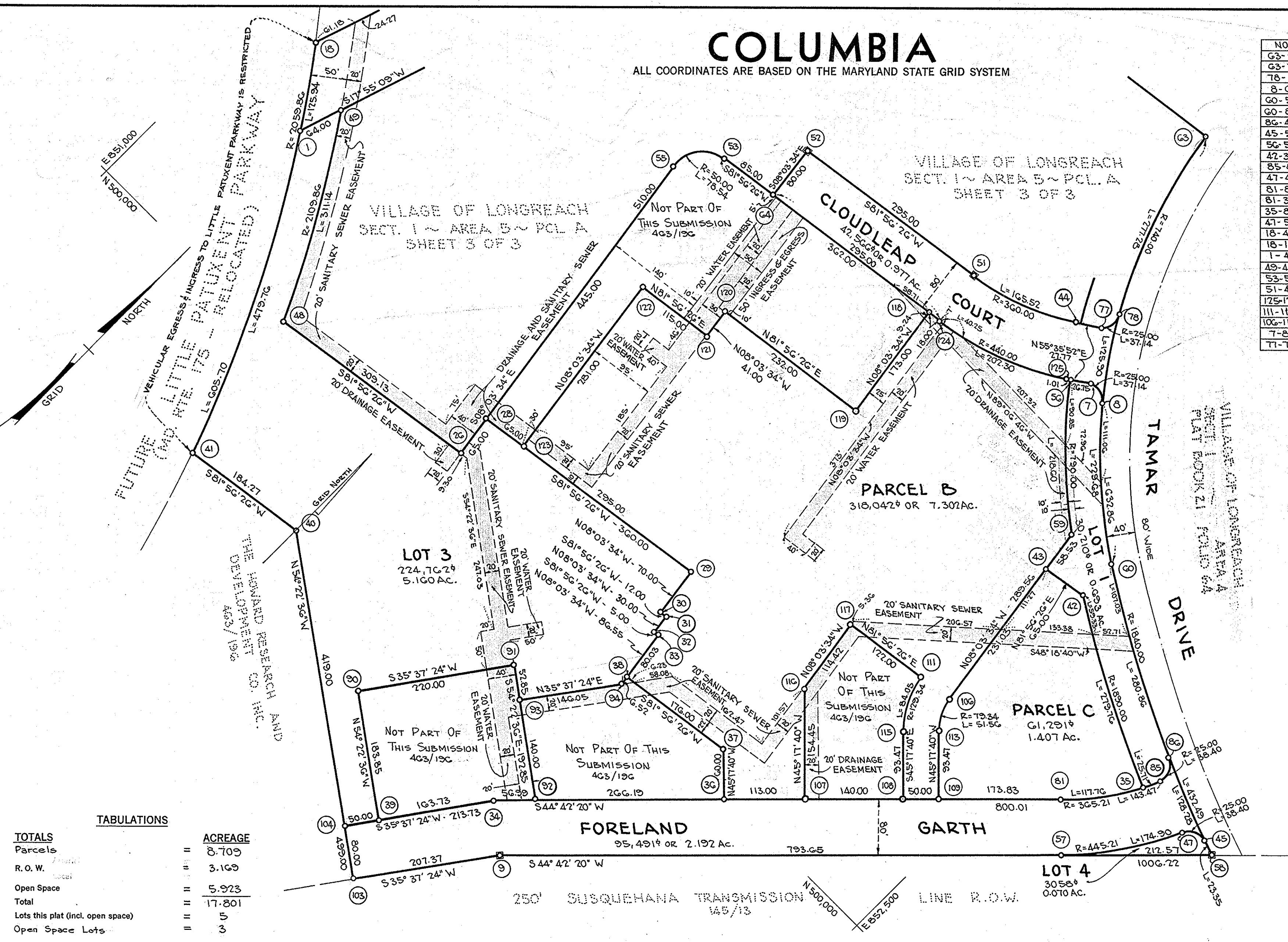
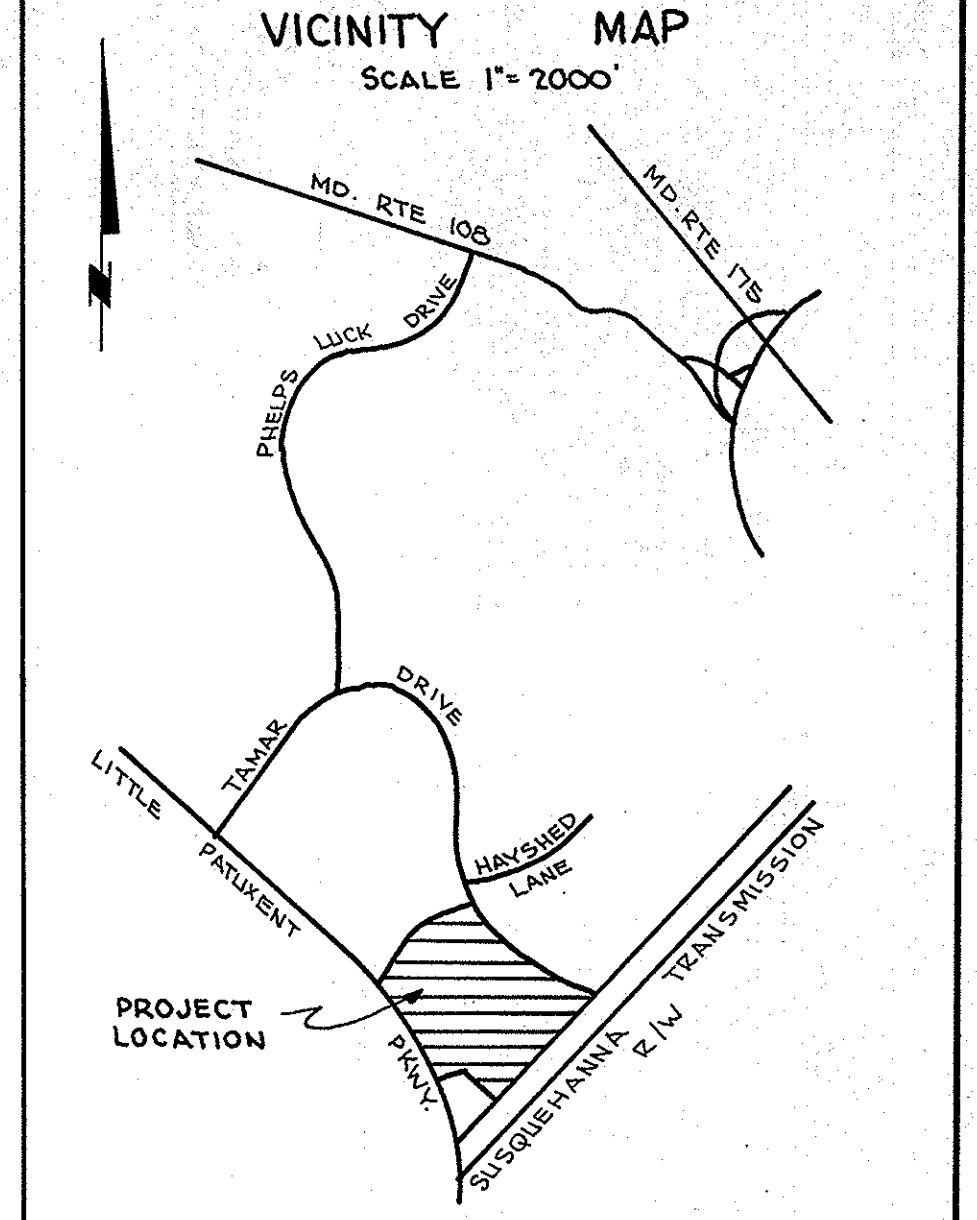
ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## CURVE DATA

NO.	RADIUS	DELTA	TAN	LENGTH	CHORD	CHORD BEARING
G3-G0	740.00	49° 00' 00"	337.74	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' 31.5" E
78-B	740.00	9° 44' 54"	63.90	125.90	125.75	S 34° 24' 08" E
8-G0	740.00	17° 46' 59"	115.77	229.68	228.76	S 48° 10' 04.5" E
G0-58	1840.00	13° 28' 03"	217.25	432.49	431.50	S 70° 31' 37" E
G0-86	1840.00	8° 44' 45"	140.71	280.86	280.59	S 61° 25' 56.5" 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	218.00	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
47-45	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' 05.5" E
81-35	365.21	18° 28' 28"	59.40	117.76	117.25	N 35° 28' 06" E
35-85	365.21	4° 02' 01"	12.86	25.71	25.71	N 24° 12' 51.5" E
47-57	445.21	22° 30' 29"	88.59	174.90	173.78	N 33° 27' 05.5" E
18-41	2059.86	16° 50' 52"	305.05	605.70	604.52	N 27° 59' 12" W
18-1	2059.86	3° 30' 11"	102.99	175.94	175.92	S 34° 39' 32.5" E
1-41	2059.86	13° 20' 41"	240.97	479.76	478.68	S 26° 14' 06.5" E
49-48	2109.86	8° 28' 52"	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	26° 20' 34"	84.75	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	75.00	85° 07' 33"	22.96	37.14	33.82	S 81° 50' 21.5" E
71-78	75.00	85° 07' 33"	22.96	37.14	33.82	S 13° 02' 05.5" W

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 area shown hereon; to the end that the specific lots shall be thereby burdened with the right-of-way shown hereon.

BY: *Greg A. Smith*  
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.  
*Shepherd* May 11 1971  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
*Thomas L. Harris* 5-11-71  
DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
*Thomas C. O'Connell* 5-11-71  
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  
*Walter L. Phillips* Reg. No. #3645  
WALTER L. PHILLIPS  
901 W. BROAD ST. FALLS CHURCH, VA.

PROFESSIONAL ENGINEER  
*Walter L. Phillips* Reg. No. #3645  
WALTER L. PHILLIPS  
901 W. BROAD ST. FALLS CHURCH, VA.

OWNER  
*Greg A. Smith*  
Auth. Agent

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

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

SECTION 1  
AREA 5  
Sheet 2 of 3  
G<sup>TH</sup> Election District of Howard County, Md.  
Scale: 1" = 100' Date: 3-18-71

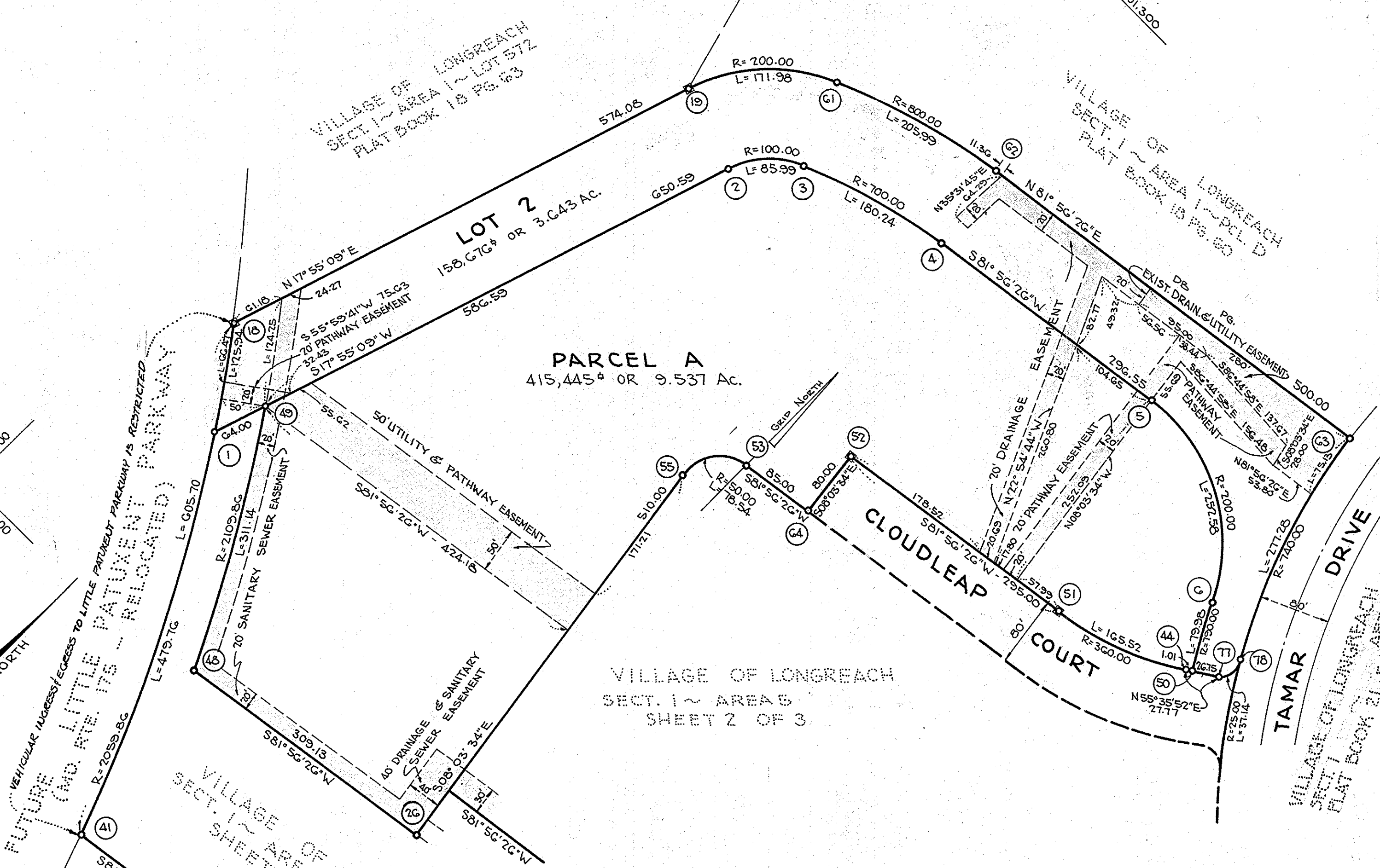
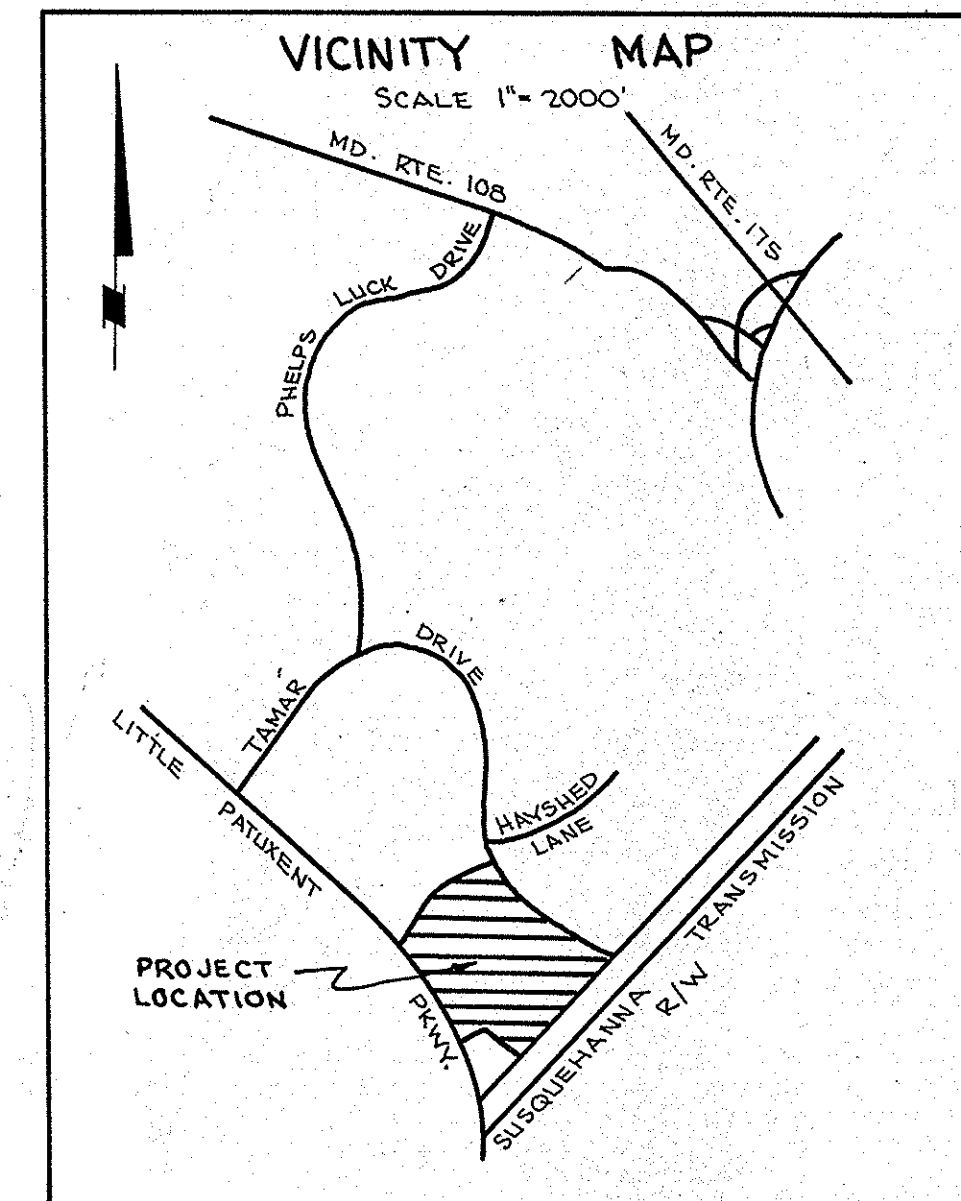
F71-65C

# COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

## CURVE DATA

NO	RADIUS	DELTA	TAN	LENGTH	CHORD	CHORD BEARING
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49-48	2109.86	8° 20' 58"	155.85	311.14	310.86	S 29° 40' 50" E
53-55	50.00	90° 00' 00"	50.00	78.54	70.71	N 36° 50' 20" 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 sewers, drains, water pipes and other municipal utilities and services, in and through the specific easement area shown hereon, to the end that the specific lots shall be thereby burdened with the right-of-way shown hereon.

BY: *Gaye A. Shul*  
The Howard Research & Development Corporation

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

*Geoff Shrop* May 11 1977  
COUNTY HEALTH OFFICER DATE

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

*Thomas L. Harris, Jr.* 5-11-77  
DIRECTOR DATE

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

*Thomas C. O'Connell* 5/11/77  
(Acting) 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 certify 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. #3645  
901 W. BROAD ST. FALLS CHURCH, VA.

PROFESSIONAL ENGINEER  
(By) *Walter L. Phillips*  
WALTER L. PHILLIPS Reg. No. #3645  
901 W. BROAD ST. FALLS CHURCH, VA.

OWNER  
(By) *Gaye A. Shul*  
Auth. Agent

RECORDED IN PLAT BOOK 21 FOLIO 83  
on 5/11, 1977 among The  
Land Records of Howard County, Maryland.

## COLUMBIA VILLAGE OF LONGREACH

SECTION 1  
AREA 5  
Sheet 3 of 3  
C<sup>TH</sup> Election District of Howard County, Md.  
Scale: 1" = 100' Date: 3-18-71

F71-65C