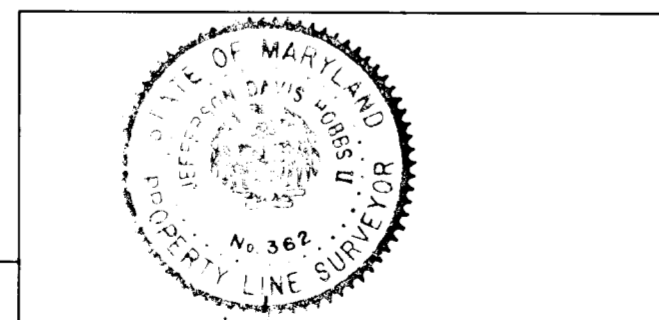


APPROVED: DEPARTMENT OF PUBLIC WORKS

DIRECTOR: DEPT. OF PUBLIC WORKS DATE:

CHIEF: BUREAU OF HIGHWAYS DATE:

CHIEF: REAL ESTATE SERVICES DATE:



PREPARED BY:
 HOWARD COUNTY DEPT. OF PUBLIC WORKS
 SURVEY & DRAFTING DIVISION
 JOHN CARROLL BUILDING
 3450 COURTHOUSE DRIVE
 ELLICOTT CITY, MD. 21043
 (301) 313-2417

JEFFERSON D. HOBBS II DATE:

MARYLAND REG. NO. 362

CHIEF: SURVEY & DRAFTING DIVISION

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

RIGHT-OF-WAY PROJECT:
 PRIVATE ROAD TAKE-OVER: "MIDDLE TRAIL"
 FOURTH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1"=50' DATE: 12-23-1991
 PROJECT NO.: J-4098-D JOB NO.: 91045 FIELD BOOK: 133
 TAX MAP 2: PARCELS: 193,161,198,163,197,196,11,185,159,186,194,192
 TAX MAP 7: PARCELS: 462,408,461,460,457,458,407,459
 COMPUTED BY: AMB DRAWN BY: CAD
 PLAT NO.: J-4098-1 SHEET NO.: 1 OF 2

COORDINATES		
POINT NO.	NORTH	EAST
952	552296.053	776519.255
994	553049.324	776374.725
995	553012.527	776562.744
996	553002.878	776612.049
997	552994.764	776653.507
998	552931.526	776823.674
999	552926.476	776832.522
1000	552339.780	776498.328
1001	552324.428	776491.062
1002	552318.563	776552.321
1003	552335.014	776548.100
1004	552263.468	776541.439
1005	552256.204	776520.653
1012	552072.448	776503.076
1013	552028.974	776456.371
1008	552009.096	776461.757
1009	552065.653	776522.518
1017	553022.342	776588.798

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L1	S 05°28'10" W	675.82
L2	N 05°28'10" E	670.92
L3	S 78°55'36" E	191.59
L4	S 78°55'36" E	50.24
L5	S 78°55'36" E	42.24
L6	S 60°17'00" E	10.02
L7	S 05°27'50" W	189.73
L8	N 05°27'50" E	184.60
L9	N 15°09'39" W	20.60
L10	N 15°09'39" W	21.36
L11	N 78°55'36" W	39.79
L12	N 05°28'10" E	25.12
L13	S 05°19'24" W	27.45
L14	S 05°28'10" W	25.12
L15	N 78°55'36" W	192.40
L16	N 07°19'03" E	25.05

CURVE TABLE					
CURVE NO.	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING
C1	39°42'55"	25.00	9.03	17.33	S 25°19'37" W 16.98
C2	259°25'49"	40.00	-----	181.12	-----
C3	39°42'55"	25.00	9.03	17.33	N 14°23'17" W 16.98
C4	18°38'36"	560.89	92.07	182.51	S 69°36'49" E 181.54
C5	55°34'27"	89.03	46.92	86.36	S 47°03'07" W 83.01
C6	55°34'27"	68.44	36.06	66.38	S 47°03'07" W 63.81
C7	31°57'05"	40.00	-----	22.31	S 70°44'22" W 22.02
C8	18°38'36"	535.89	87.96	174.37	S 69°36'49" E 173.60

GENERAL NOTES:

- COORDINATES BASED ON NAD '27 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 3831003 AND NO. 3931005.
- THIS PLAT IS BASED ON A FIELD RUN AND MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT MAY 31, 1990 BY THE HOWARD COUNTY BUREAU OF ENGINEERING, SURVEY AND DRAFTING DIVISION.
- OLD FREDERICK ROAD HAS A 30 FOOT WIDE PERSCRPTIVE RIGHT-OF-WAY (15 FEET EACH SIDE OF THE EXISTING CENTERLINE).


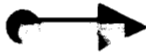










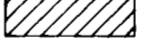
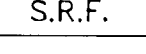
AREA TABULATION		
LOT NO.	FEE SIMPLE RIGHT-OF-WAY	
10A	1843 SQ.FT.	0.042 ACRES±
10B	1855 " "	0.043 " "
10C	1883 " "	0.043 " "
10D	1887 " "	0.043 " "
11A	3482 " "	0.080 " "
11B	1967 " "	0.045 " "
11C	1953 " "	0.045 " "
11D	1995 " "	0.046 " "
13C	1664 " "	0.038 " "
13D	1747 " "	0.040 " "
14A	805 " "	0.018 " "
14B	1018 " "	0.023 " "
15A	2293 " "	0.053 " "
15B	1961 " "	0.045 " "
15C	1950 " "	0.045 " "
15D	3098 " "	0.071 " "
16A	1885 " "	0.043 " "
16B	1885 " "	0.043 " "
16C	1885 " "	0.043 " "
16D	1848 " "	0.042 " "

TOTAL FEE SIMPLE RIGHT-OF-WAY
38,934 SQ.FT. 0.894 ACRES±

DRAINAGE EASEMENT	
LOT NO.	EASEMENT AREA
11D	3,010 SQ.FT./0.069ACRES±
10A	764 " "/0.018 " "
10B	535 " "/0.012 " "
10C	99 " "/0.002 " "
10D	90 " "/0.002 " "
16A	83 " "/0.002 " "
16B	78 " "/0.002 " "
16C	74 " "/0.002 " "
16D	650 " "/0.015 " "
TOTAL	5,383 SQ.FT./0.124ACRES±

CLEARING AND GRADING EASEMENTS	
LOT NO.	AREA
13D	5878 SQ.FT./0.135ACRES±
14A	4799 SQ.FT./0.110ACRES±
TOTAL	10,677 SQ.FT./0.245ACRES±

LEGEND:

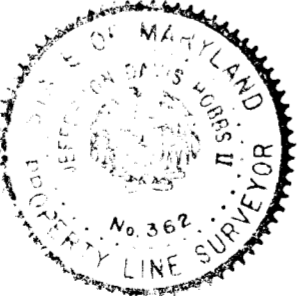
-  PERPETUAL STORM DRAIN EASEMENT
-  PERPETUAL EASEMENT TO DISCHARGE FLOW OF WATER FROM ON/INTO EXISTING WATERWAY OR NATURAL DRAINAGE COURSE.
-  DIRECTION OF EXISTING FLOW
-  EVERGREEN TREES OR SHRUBS
-  DECIDUOUS TREES OR SHRUBS
-  TREE, BRUSH, OR WOODS LINE
-  SURVEY TRAVERSE OR CURVE RADIUS POINT
-  IRON PIPE FOUND
-  BAR WITH CAP FOUND OR TO BE SET
-  EXISTING LIGHT
-  EXISTING WELL
-  MISC. DETAILS (MAILBOXES, PAPER BOXES, C&P STANCHIONS, BG&E BOXES, ETC.)
-  GRADING AND CLEARING EASEMENT
-  S.R.F. SPLIT RAIL FENCE

APPROVED: DEPARTMENT OF PUBLIC WORKS

DIRECTOR: DEPT. OF PUBLIC WORKS DATE:

CHIEF: BUREAU OF HIGHWAYS DATE:

CHIEF: REAL ESTATE SERVICES DATE:


 JEFFERSON D. HOBBS II
 PROPERTY LINE SURVEYOR
 MARYLAND REG. NO. 362
 CHIEF: SURVEY & DRAFTING DIVISION

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PLAT NO.: J-4098-2 SHEET NO.: 2 OF 2