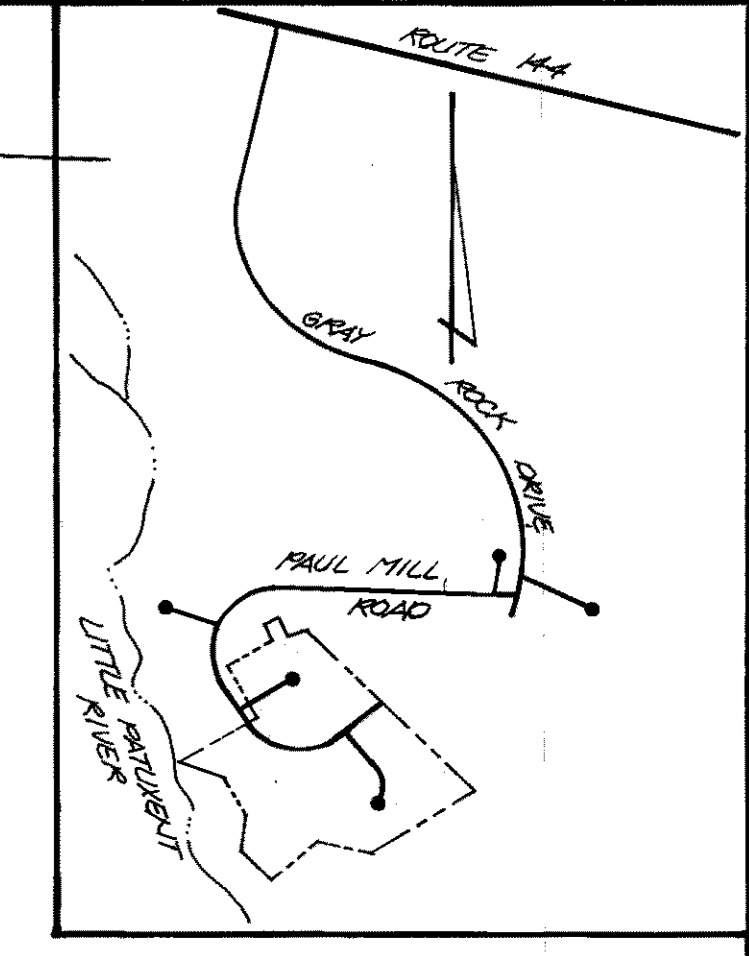


CURVE NO.	RADIUS	LENGTH	TANGENT	CH/TA
1	300'	479.63'	379.51'	2136.07'
2	200'	110.00'	86.43'	2130.46'
3	200'	140.00'	73.01'	4006.25'

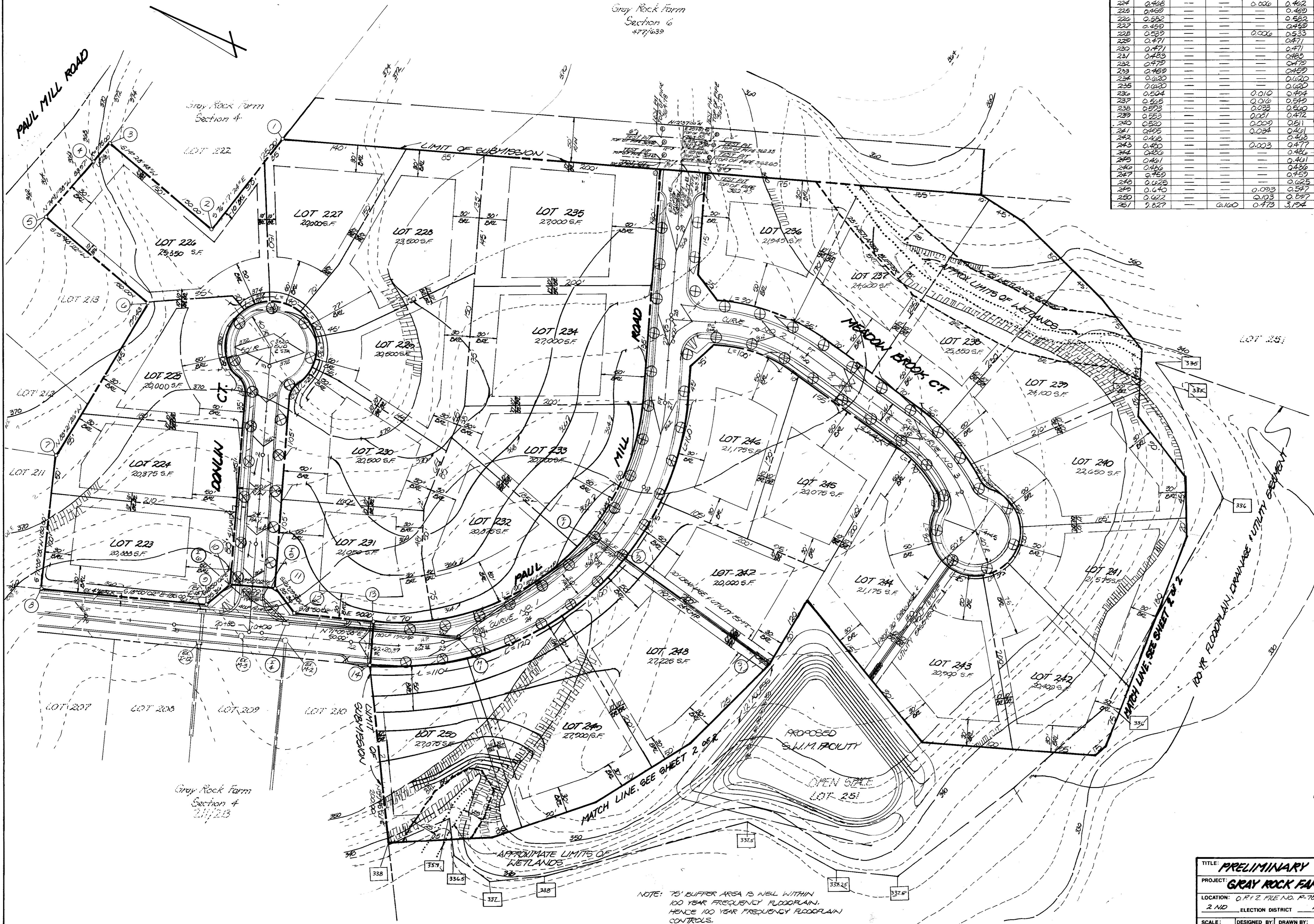
LOT AREA TABULATIONS					
LOT NO.	GROSS AREA (AC.)	PIPESTEM AREA (AC.)	FLOOD-PLAIN AREA (AC.)	SLOPES (AC.)	NET AREA (AC.)
223	0.479	---	---	0.014	0.465
224	0.468	---	---	0.036	0.432
225	0.460	---	---	---	0.460
226	0.552	---	---	---	0.552
227	0.459	---	---	---	0.459
228	0.539	---	---	0.026	0.513
229	0.471	---	---	---	0.471
230	0.471	---	---	---	0.471
231	0.483	---	---	---	0.483
232	0.479	---	---	---	0.479
233	0.459	---	---	---	0.459
234	0.620	---	---	---	0.620
235	0.620	---	---	---	0.620
236	0.504	---	---	0.010	0.494
237	0.525	---	---	0.016	0.509
238	0.579	---	---	0.259	0.320
239	0.553	---	---	0.001	0.472
240	0.520	---	---	0.009	0.511
241	0.495	---	---	0.034	0.461
242	0.416	---	---	---	0.416
243	0.440	---	---	0.003	0.437
244	0.420	---	---	---	0.420
245	0.461	---	---	---	0.461
246	0.446	---	---	---	0.446
247	0.459	---	---	---	0.459
248	0.625	---	---	---	0.625
249	0.640	---	---	0.093	0.547
250	0.622	---	---	0.103	0.519
251	9.827	---	0.160	0.473	3.194



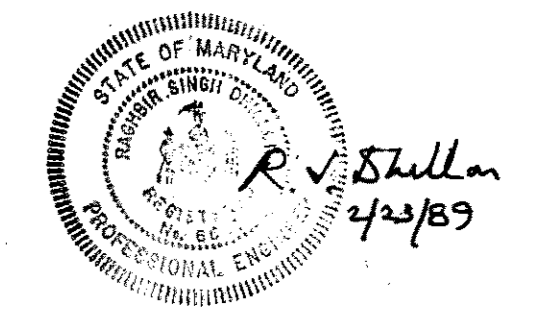
VICINITY MAP
SCALE: 1"=1200'

GENERAL NOTES:

- TAX MAP: 24, BLOCK 15, PARCEL 190 132
- DEED REFERENCE: ---
- EXISTING ZONING: R-20
- MIN. LOT SIZE: 20,000 S.F.
- TOTAL NO. OF LOTS: 29
- TOTAL AREA OF LOTS: 24,373 AC.
- TOTAL AREA OF ROAD DEDICATION: 0.00 AC.
- TOTAL AREA OF OPEN SPACE: 4.160 AC.
- TOTAL AREA OF FLOODPLAIN: 5.16 AC.
- TOTAL AREA OF SITE: 25,343 AC.
- TOTAL AREA OF SLOPES 25% OR GREATER: 0.875 AC.
- PUBLIC WATER AND PUBLIC GENERAGE TO BE UTILIZED.
- HORIZONTAL AND VERTICAL LOCATION OF PIPELINES AT PROPOSED E OR ROAD IS BASED ON FIELD LOCATION OF TEST PITS JAN 1-11-89.
- COORDINATES SHOWN TIED TO THE MARYLAND STATE PLAN COORDINATE SYSTEM.
- TOPOGRAPHY SHOWN HEREON BASED ON HOWARD COUNTY AERIAL PHOTOGRAMMETRIC MIAP.
- OPENSPACE LOT 251 CONTAINS 3.227 AC. OF DRY RECREATIONAL OPENSPACE.
- AREA OF SUBMITTER MANAGEMENT FACILITY 0.44 AC.
- THE ENTIRE SITE CONSISTS OF CULTIVATED LAND, NO VEGETATIVE COMMUNITIES, EXCEPT WETLANDS AS SPECIFIED IN WETLANDS REPORT.



TENTATIVELY APPROVED
ON _____ DATE _____
OFFICE OF PLANNING AND ZONING
OF HOWARD COUNTY
[Signature]
PLANNING DIRECTOR 3.19.90
DATE JB.



OWNER/DEVELOPER:
THE MILLER LAND COMPANY
P.O. BOX 307
ELLCOTT CITY, MARYLAND 21043
TELE: 461-8335

TITLE: PRELIMINARY PLAN		boender associates, Inc.	
PROJECT: GRAY ROCK FARM - SECT. 5		consulting engineers land surveyors land planners	
LOCATION: C.R. 2, FILE NO. P-78-35, S-77-83 2 MD ELECTION DISTRICT HOWARD CO., MD.			
SCALE: 1"=50'	DESIGNED BY: J.C.O.	CHECKED BY: D.M.A.	DATE: DEC., 1988
FIELD BOOK: ---	PAGE NO.: ---	JOB NO.: 88141	DRAWING NO.: 1 OF 2

COURTHOUSE SQUARE
3565 ELLCOTT MILLS DRIVE
ELLCOTT CITY, MD. 21043
(301) 465-7777

NOTE: 75' BUFFER AREA IS WELL WITHIN 100 YEAR FREQUENCY FLOODPLAIN, HENCE 100 YEAR FREQUENCY FLOODPLAIN CONTROLS.

DENSITY TABULATION CHART

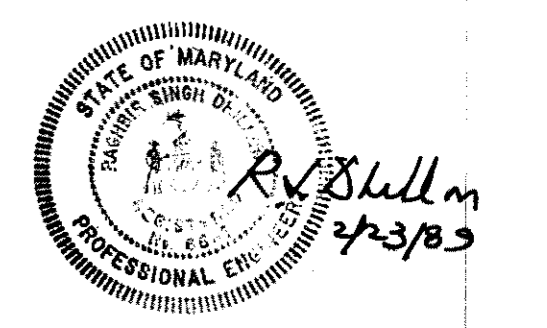
	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
GROSS AREA OF SITE (ACRES)	45.40	43.82	35.88	47.65	29.36
FLOOD PLAIN (SHEEP SHOES) S.W.M. FACILITY	8.14	4.72	0	9.21	6.04
NET AREA OF SITE	36.26	39.10	35.88	38.44	19.32
NO. OF DWELLING UNITS ALLOWED	81	85	71.76	76.90	38.61
FLOOD PLAIN LOT ADJUSTMENT ALLOWANCE	9	9	0	9.21	3.28
TOTAL NO. OF DWELLING UNITS ALLOWED	90	94	71.76	86.11	41.89
TOTAL NO. OF DWELLING UNITS PROPOSED	53	52	53	49	28
DENSITY PER ACRE	0.85	0.84	0.68	0.97	1.05

COORDINATE SCHEDULE

NO.	NORTH	EAST
1	52443.942	843102.881
2	52443.588	842985.443
3	52438.333	842868.237
4	52440.734	842842.084
5	52449.062	842825.440
6	52453.534	842802.022
7	52456.008	842784.500
8	52464.177	842762.532
9	52468.025	842742.254
10	52477.462	842723.771
11	52480.120	842701.132
12	52484.488	842684.880
13	52488.068	842668.958
14	52492.208	842654.281
15	52497.062	842640.767
16	52500.235	842628.267
17	52505.974	842615.790
18	52510.840	842602.740
19	52515.140	842591.423
20	52518.104	842580.077
21	52522.063	842568.177
22	52526.063	842556.774
23	52526.063	842556.082
24	52528.008	842542.241
25	52531.675	842527.960
26	52534.356	842514.116



TENTATIVELY APPROVED
ON _____ DATE _____
OFFICE OF PLANNING AND ZONING OF
HOWARD COUNTY
[Signature]
PLANNING DIRECTOR 3.19.88
DATE 2.B.



OWNER/DEVELOPER:
THE MILLER LAND COMPANY
PO BOX 307
ELICOTT CITY, MARYLAND 21043

TITLE:	PRELIMINARY PLAN			
PROJECT:	GRAY ROCK FARM - SECT. 5			
LOCATION:	Q.F. #2, FILE NO. P. 78-35, 6-77-83 2ND ELECTION DISTRICT HOWARD CO. MD.			
SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:
1"=50'	JCA	JCA	D.H.R.	DEC., 1983
FIELD BOOK:	PAGE NO.:	JOB NO.:	DRAWING NO.:	
		BDH-1	2 OF 2	

boender associates
inc.
consulting engineers
land surveyors
land planners
COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELICOTT CITY, MD. 21043
(301) 465-7777