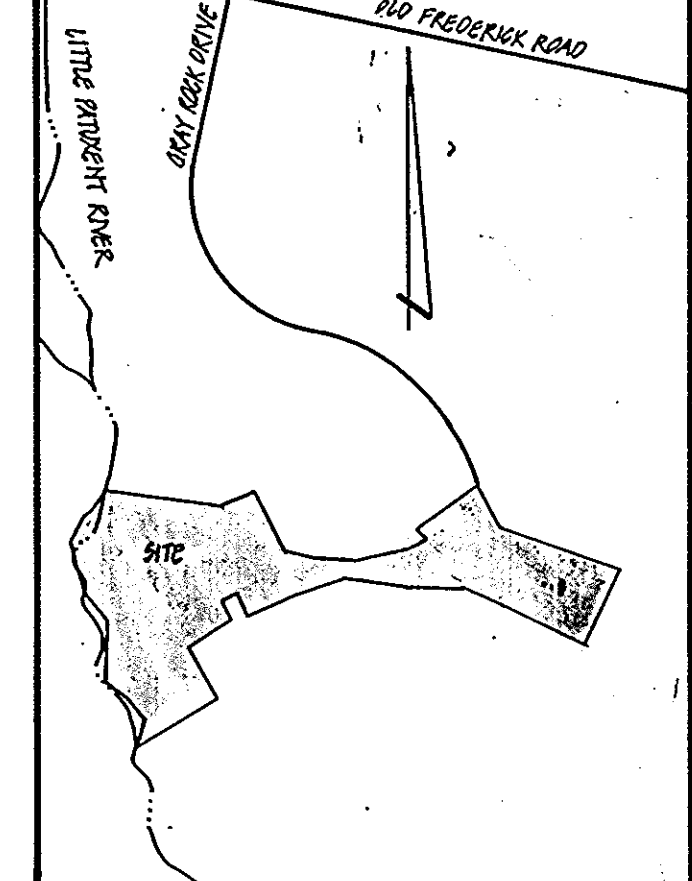
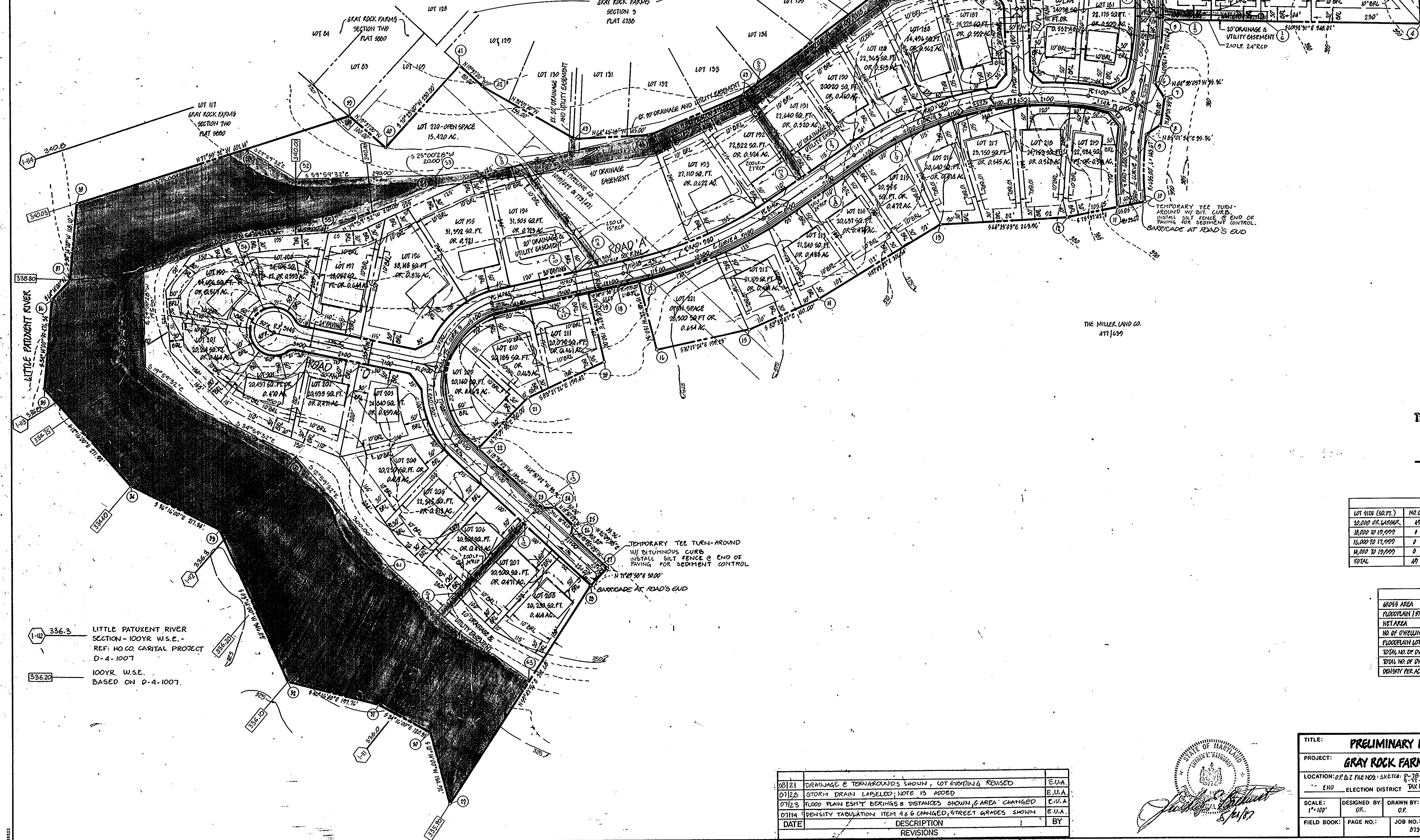


COORDINATE SCHEDULE			COORDINATE SCHEDULE		
NO.	NORTH	EAST	NO.	NORTH	EAST
1	521,041.440	844,334.021	26	521,100.430	842,024.544
2	521,044.443	844,410.444	27	521,110.071	842,029.622
3	521,048.447	844,486.467	28	521,119.712	842,034.700
4	521,052.451	844,562.491	29	521,129.353	842,039.778
5	521,056.455	844,638.515	30	521,139.000	842,044.856
6	521,060.459	844,714.539	31	521,148.647	842,049.934
7	521,064.463	844,790.563	32	521,158.294	842,055.012
8	521,068.467	844,866.587	33	521,167.941	842,060.090
9	521,072.471	844,942.611	34	521,177.588	842,065.168
10	521,076.475	845,018.635	35	521,187.235	842,070.246
11	521,080.479	845,094.659	36	521,196.882	842,075.324
12	521,084.483	845,170.683	37	521,206.529	842,080.402
13	521,088.487	845,246.707	38	521,216.176	842,085.480
14	521,092.491	845,322.731	39	521,225.823	842,090.558
15	521,096.495	845,398.755	40	521,235.470	842,095.636
16	521,100.499	845,474.779	41	521,245.117	842,100.714
17	521,104.503	845,550.803	42	521,254.764	842,105.792
18	521,108.507	845,626.827	43	521,264.411	842,110.870
19	521,112.511	845,702.851	44	521,274.058	842,115.948
20	521,116.515	845,778.875	45	521,283.705	842,121.026
21	521,120.519	845,854.899	46	521,293.352	842,126.104
22	521,124.523	845,930.923	47	521,303.000	842,131.182
23	521,128.527	846,006.947	48	521,312.647	842,136.260
24	521,132.531	846,082.971	49	521,322.294	842,141.338
25	521,136.535	846,158.995	50	521,331.941	842,146.416

CURVE DATA			
CURVE	RADIUS	LENGTH	TAN
1	100.00'	178.09'	61.15'
2	100.00'	150.30'	75.41'
3	100.00'	171.68'	71.61'
4	150.00'	319.03'	141.03'
5	150.00'	419.31'	191.31'
6	200.00'	108.54'	44.91'

100 YR. FLOOD PLAIN COORDINATE SCHEDULE		
NO.	NORTH	EAST
51	522242.9699	842429.9149
52	522137.0086	842486.2392
53	521991.9749	842737.3671
54	521972.6498	842728.9123
55	522017.2949	842482.7162
56	522076.7701	842312.3410
57	522134.9582	842116.0207
58	521964.4201	842021.4599
59	521828.1580	842071.0246
60	521659.7352	842202.9218
61	521347.4152	842270.3779
62	521152.4401	842323.7002
63	520992.3527	842426.9045



- GENERAL NOTES**
- TAX MAP: 24; PARCEL: PART OF PARCEL 192
  - DEED REFERENCE: A111099
  - EX. 10' RW: R-20
  - PUBLIC WATER AND PUBLIC SEWERAGE ARE TO BE UTILIZED
  - PROPERTY SHOWN HEREIN IS LOCATED IN THE JURISDICTION OF BUNNELL CITY
  - TOTAL AREA OF SITE: 41.16 AC. ±
  - TOTAL AREA OF LOTS: 21.43 AC. ±; TOTAL NO. OF LOTS: 51 (INCLUDING OPEN SPACE)
  - TOTAL AREA OF OPEN SPACE: 16.01 AC. ±; TOTAL AREA OF FLOODPLAIN: 10.78 AC. ±
  - TOPOGRAPHY SHOWN HEREIN IS BASED ON HOWARD COUNTY 1"=200' AERIAL PHOTOGRAMMETRIC MAPS
  - BOUNDARY SHOWN HEREIN IS BASED ON A BOUNDARY SURVEY PREPARED BY KRODE CONSULTANTS
  - SEGMENT CONTROL MEASURES TO BE PROVIDED ON FINAL ROAD CONSTRUCTION PLANS
  - STREET GRADES SHOWN REPRESENT TANGENT GRADES & P.V.C.'S AND ARE MAXIMUM GRADES
  - C.P. & E. File Nos.: S-77-83, P-78-85, P-81-85

TEMPORARILY APPROVED ON Sept 14, 1987  
 OFFICE OF PLANNING AND ZONING OF  
 HOWARD COUNTY  
*Ornall Pennell* 9-25-87  
 PLANNING DIRECTOR DATE R  
*Acting*

OPEN SPACE TABULATION			
LOT SIZE (SQ. FT.)	NO. OF LOTS	AREA OF LOTS (AC.)	AREA OF OPEN SPACE (AC.)
10,000 OR LARGER	49	26.03	16.01
10,000 TO 10,000	0	0	0
10,000 TO 10,000	0	0	0
10,000 TO 10,000	0	0	0
TOTAL	49	26.03	16.01

DENSITY TABULATION	
GROSS AREA	41.16 ±
FLOODPLAIN 1 STREET SLIPPER/SEW. FACILITY AREA	10.78 ±
NET AREA	36.38 ±
NO. OF DWELLING UNITS ALLOWED	12.76
FLOODPLAIN LOT ADJUSTMENT LOT ALLOWANCE	10.25
TOTAL NO. OF DWELLING UNITS ALLOWED	93.26
TOTAL NO. OF DWELLING UNITS PROPOSED	49
DENSITY PER ACRE	0.9

**OWNER & DEVELOPER**  
 THE MILLER LAND COMPANY  
 9095 BATHING NATIONAL PIKE  
 BUNNELL CITY, MARYLAND 21043

NO.	DESCRIPTION	BY
07121	DRAINAGE & TURNAROUNDS SHOWN, LOT EXISTING REVISED	E.U.A.
07122	STORM DRAIN LABELLED; NOTE IS ADDED	E.U.A.
07123	FLOOD PLAIN EXIST. BEARINGS & DISTANCES SHOWN, AREA CHANGED	E.U.A.
07114	DENSITY TABULATION ITEM 4 & 6 CHANGED, STREET GRADES SHOWN	E.U.A.
DATE	DESCRIPTION	BY
	REVISIONS	



**TITLE: PRELIMINARY PLAN**  
**PROJECT: GRAY ROCK FARMS SECTION 4**  
 LOCATION: D.P. & Z. FILE NO. 8; SKETCH: E-78-85; PRELIMINARY: P-87-75  
 -- END -- ELECTION DISTRICT TAX MAP: 24 HOWARD CO., MD.

SCALE: 1"=100'  
 DESIGNED BY: OR.  
 DRAWN BY: O.P.  
 CHECKED BY: O.R. 10.8  
 DATE: MARCH, 1987

FIELD BOOK: PAGE NO.: JOB NO.: 0731 DRAWING NO.: 1 OF 1

**boender associates inc.**  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 1304 465-7777