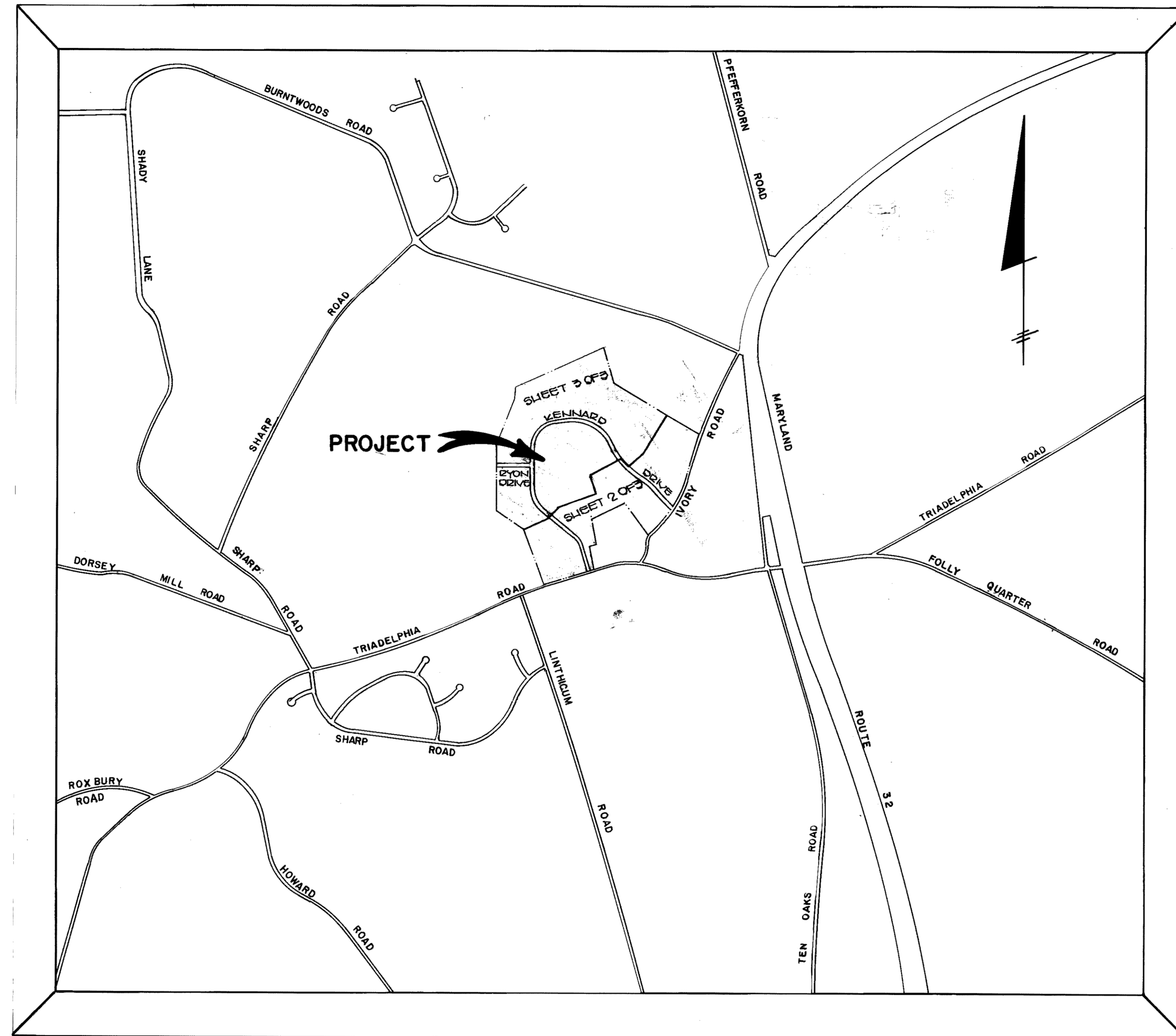

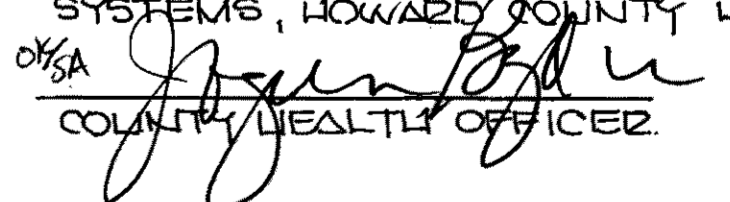


PRELIMINARY PLAN
CRYSTAL CLEAR
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND



VICINITY MAP
 SCALE 1" = 1200'

TENTATIVELY APPROVED ON 2.2.88
DATE
 OFFICE OF PLANNING AND ZONING OF

 PLANNING DIRECTOR 6.16.88
DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE
 SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 CWA 
 COUNTY HEALTH OFFICER

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8588 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELEPHONE: (301) 461-2855



OWNER AND DEVELOPER
 WARFIELD BROTHERS
 14663 TRIADELPHIA ROAD
 GLENELG, MARYLAND 21737

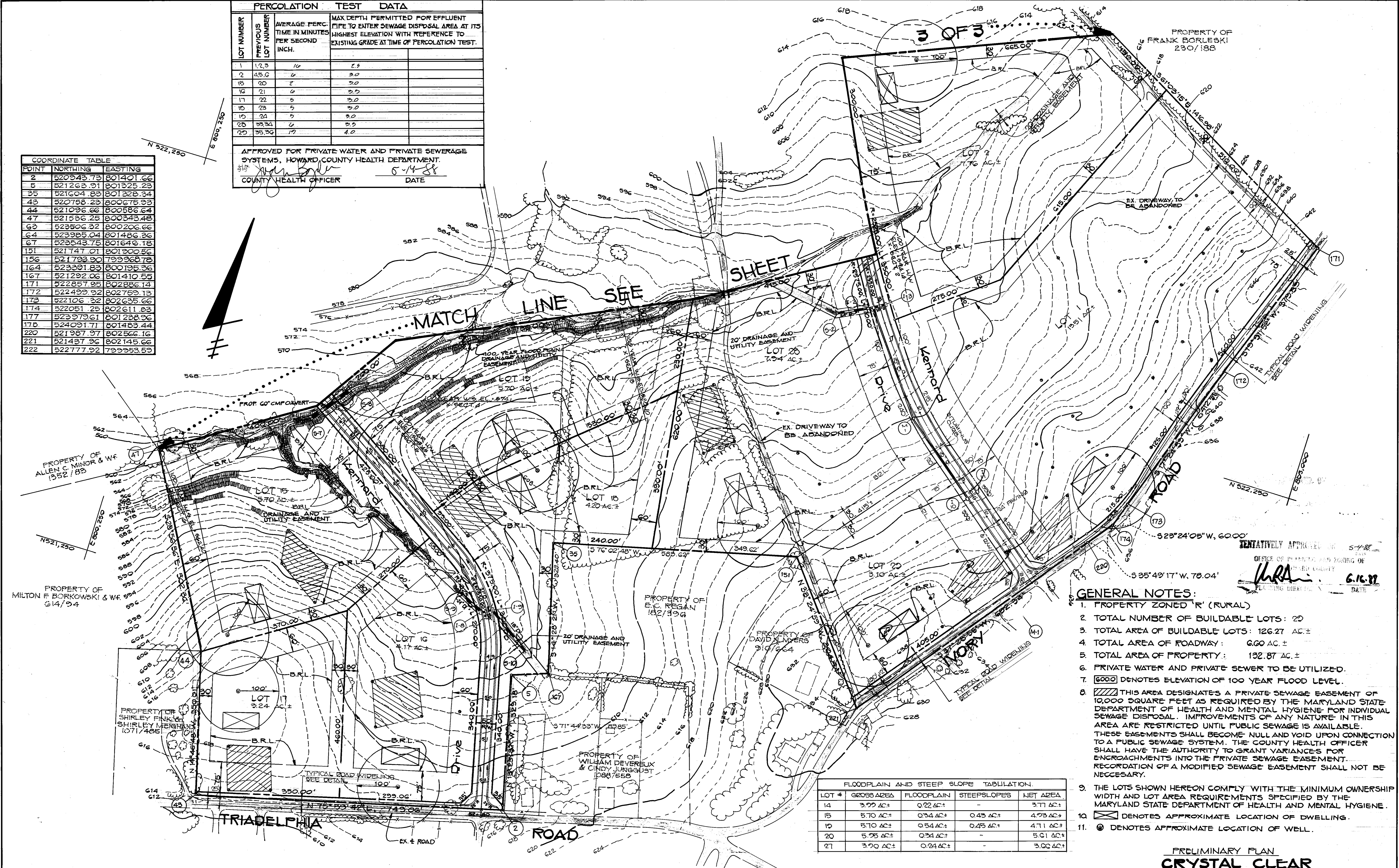
SHEET 1 OF 3
 S 88-19 P 88-46

PERCOLATION TEST DATA			
LOT NUMBER	PREVIOUS LOT NUMBER	AVERAGE PERC. TIME IN MINUTES PER SECOND INCH.	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST.
1	12,3	10	2.5
2	45,6	6	3.0
3	20	7	3.0
4	21	6	3.5
5	22	5	3.0
6	23	5	3.0
7	24	5	3.0
8	25	6	3.5
9	26	6	3.5
10	27	7	4.0

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

COUNTY HEALTH OFFICER: *[Signature]* DATE: 5-14-88

COORDINATE TABLE		
POINT	NORTHING	EASTING
2	520943.73	801401.66
5	521263.91	801325.23
35	521604.83	801328.34
43	520768.23	800675.93
44	521096.66	800556.64
47	521596.25	800343.48
62	523506.32	800206.66
64	523925.04	801486.36
67	523543.75	801646.18
151	521747.01	801300.56
156	521793.90	799966.78
164	523391.83	800195.36
167	521292.06	801410.55
171	522857.95	802886.14
172	522499.92	802753.13
173	522106.32	802635.66
174	522051.25	802611.83
177	523979.61	801238.96
178	524091.71	801483.44
220	521987.97	802566.16
221	521427.96	802145.66
222	522777.92	799953.59



TENTATIVELY APPROVED 5-14-88
 OFFICE OF PLANNING AND ZONING OF HOWARD COUNTY
[Signature] 6.16.88
 PLANNING DIRECTOR DATE

- GENERAL NOTES:**
1. PROPERTY ZONED 'R' (RURAL)
 2. TOTAL NUMBER OF BUILDABLE LOTS: 20
 3. TOTAL AREA OF BUILDABLE LOTS: 126.27 AC±
 4. TOTAL AREA OF ROADWAY: 6.00 AC±
 5. TOTAL AREA OF PROPERTY: 132.87 AC±
 6. PRIVATE WATER AND PRIVATE SEWER TO BE UTILIZED.
 7. 600.0 DENOTES ELEVATION OF 100 YEAR FLOOD LEVEL.
 8. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
 9. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA REQUIREMENTS SPECIFIED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
 10. DENOTES APPROXIMATE LOCATION OF DWELLING.
 11. DENOTES APPROXIMATE LOCATION OF WELL.

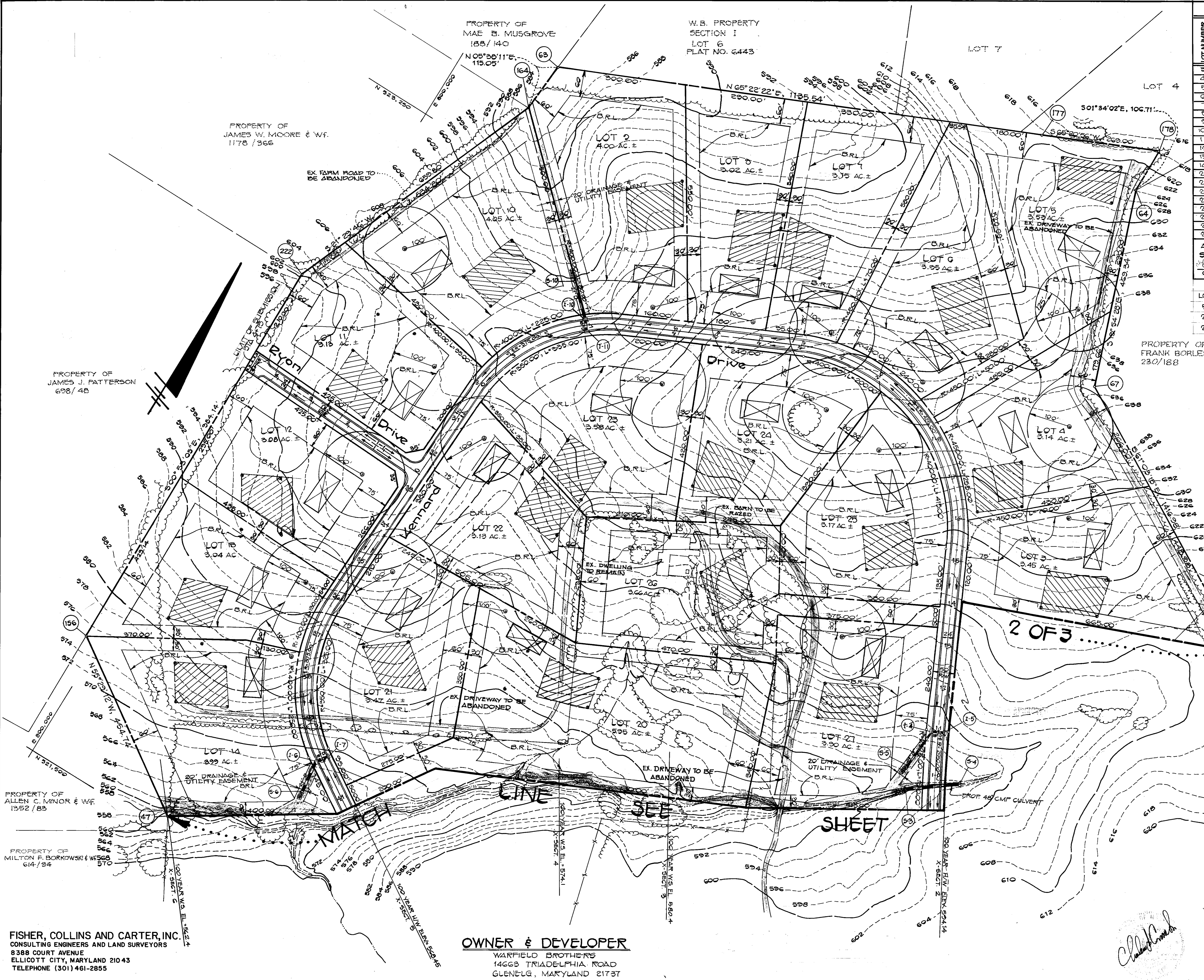
FLOODPLAIN AND STEEP SLOPE TABULATION.				
LOT #	GROSS AREA	FLOODPLAIN	STEEPSLOPES	NET AREA
14	3.92 AC±	0.22 AC±	-	3.71 AC±
15	5.70 AC±	0.34 AC±	0.43 AC±	4.93 AC±
19	5.70 AC±	0.54 AC±	0.45 AC±	4.71 AC±
20	5.95 AC±	0.34 AC±	-	5.61 AC±
27	3.90 AC±	0.24 AC±	-	3.66 AC±

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PRELIMINARY PLAN
CRYSTAL CLEAR
 LOTS 1-29
 THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 22 PARCEL 533 & 96
 SCALE: 1" = 100' DECEMBER 11, 1987
 SHEET 2 OF 3 5-88-19



PERCOLATION TEST DATA			
LOT NUMBER	PREVIOUS LOT NUMBER	AVERAGE PERC. TIME IN MINUTES PER SECOND INCH.	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST.
1	1	2	4.0
2	2	6	4.0
3	3	4	4.0
4	4	4	4.0
5	5	2	3.5
6	6	3	4.0
7	7	4	3.5
8	8	4	3.5
9	9	4	3.5
10	10	4	3.5
11	11	8	3.5
12	12	6	4.0
13	13	7	3.0
14	14	17	3.5
15	15	6	3.0
16	16	6	2.5
17	17	4	3.5
18	18	4	2.5
19	19	3	4.0
20	20	3	3.0
21	21	4	3.5
22	22	4	4.0

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: [Signature] DATE: 5/14/87

LOT #	GROSS AREA	PIPESTEM AREA	NET AREA
5	3.53 AC±	0.32 AC±	3.21 AC±
20	5.25 AC±	0.23 AC±	5.02 AC±
26	3.06 AC±	0.44 AC±	2.62 AC±

TEMPORARILY APPROVED ON 5-4-88 DATE
 OFFICE OF PLANNING AND ZONING OF HOWARD COUNTY
 [Signature] PLANNING DIRECTOR DATE: 6-16-88

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PRELIMINARY PLAN
CRYSTAL CLEAR
 LOTS 1-29

THIRD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 22 PARCEL 533 & 2c
 SCALE: 1"=100' DECEMBER 11, 1987
 SHEET 3 OF 3 5-88-19