

8/6/90
C.B.D.
see back

8/31/90
Late P.M.

File

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 46192
A 35161
DISTRICT 4th
DATE 8/1/90
DATE SYSTEM APPROVED 8/31/90
INSPECTOR C.B.D.

INDEXED

James Boone IS PERMITTED TO INSTALL ALTER
ADDRESS _____ PHONE _____
SUBDIVISION Duvals Range ROAD 3845 Roxbury Mill Rd LOT 2
PROPERTY OWNER John Ellingsworth
ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%

GARBAGE GRINDER YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

8/3
(ROCK - S.T. moved
Trenches had
rock)

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front lot line and 70 feet from the right lot line as seen when facing the property from Route 97. Run trenches along level ground toward right lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. dn 2-15-90

8/6 (2) DRY WELLS DUE TO ROCK & LIMITED SOIL ABS. AREAS

PLANS APPROVED BY C. Williams VOID # DATE 6/25/85

COVER NO WORK UNTIL INSPECTED AND APPROVED
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

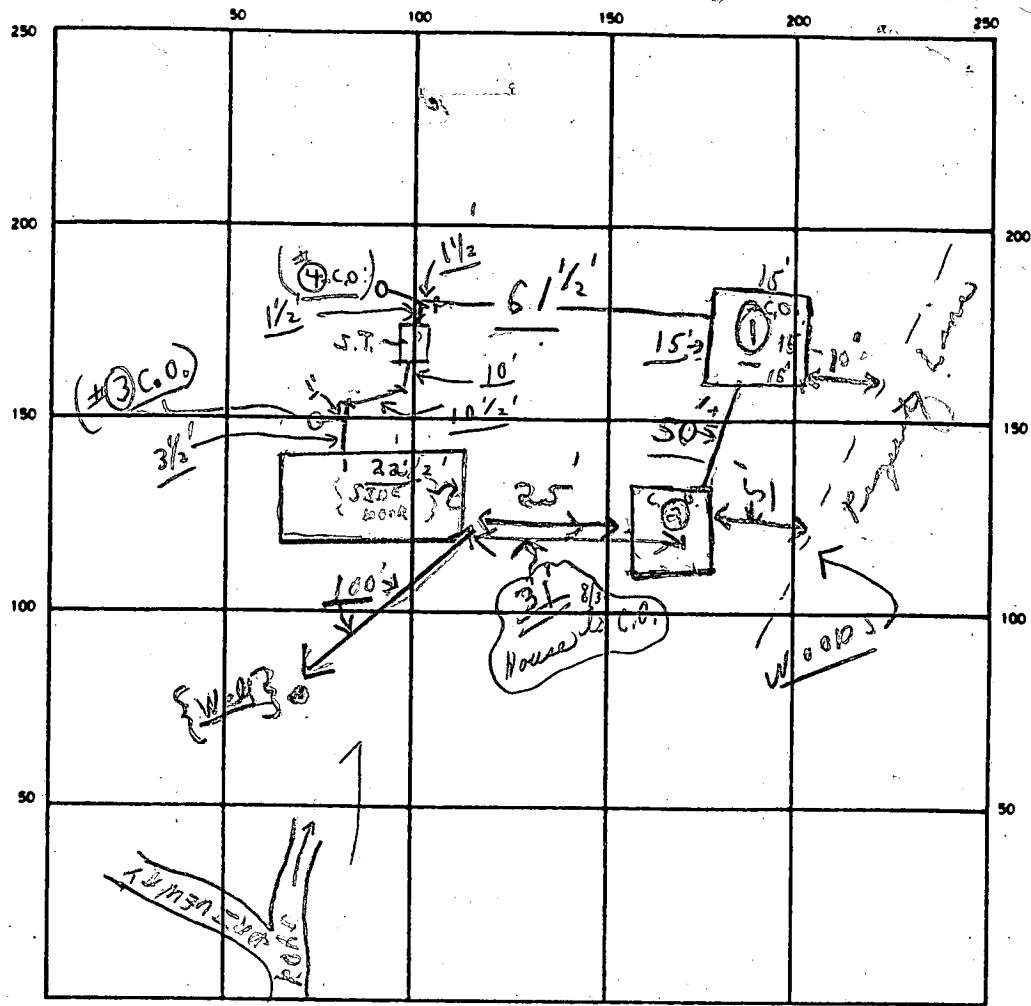
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 35161

Notes 15' x 15'
 #1 D.W.
 Visual hole 16'
 Depth 100'
 Inlet 328'
 Max depth 15'
 9' x 60' = 540'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

RT. 97

#1 S.T. | #1 D.W. | #2 W.W. | #3 C.O. | #4 C.O.
 OK | OK | OK only | OK only
 thing seen

[3/31 ALL OK
 5 C.O.s]

SEPTIC TANK LEVEL OK CLEANOUTS OK | OK | OK
 DISTRIBUTION BOX LEVEL (Using 1 of dry wells)
 DRAIN FIELD/TILE FIELD. DEPTH FT. TRENCH WIDTH FT. INLET DEPTH FT.
 EFFECTIVE GRAVEL DEPTH FT. TOTAL LENGTH FT.

NUMBER OF TRENCHES ONE SIDEWALL/BOTTOM AREA SQ. FT.
 { #1 = (15' x 15') }
 DRYWELL-INSIDE DIAMETER 60" FT. EFFECTIVE DEPTH BELOW INLET 9' FT. 1 540
 { #2 = (15' x 15') }
 ABSORBENT AREA 900' SQ. FT. 6' FT. 2 360

REMARKS P.M. 8/3/90 CONTRACTOR HITTING ROCK EVERYWHERE FOR TRENCHES; HOLD FOR 8/6/90 - HOLD FOR A CALL. 8/6/90 LOTS of holes to left, rear, rear, & right sides of new home. (2) brick good ones found for 2 Dry Wells - only a C.P.D. Final - 8/31/90. D.W. #2 - covered; D.W. #1 partially covered; lines partially covered. Dry Well No. 2 is 15' x 15' 6' liquid depth. Inlet approx 8' below original grade.

DATE SYSTEM APPROVED 8/31/90 INSPECTOR John Lynn Smith 8-31-90
 Note: (C.O. to C.O. - 54')

APR 10 1985
1130

APPLICATION

SEWAGE DISPOSAL TESTING

A 35761

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 3/21/85

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOHN ELLINGSWORTH (ON BEHALF OF M.B. ELLINGSWORTH ESTATE)

ADDRESS GLENWOOD MD 21738 PHONE 489-4939

PROPERTY LOCATION:

SUBDIVISION ELLINGSWORTH SUBDIVISION LOT-NO. PROPOSED LOT 2

ROAD AND DESCRIPTION Rt 97 South of Roxbury Mill Rd.
(just below church)

SIZE OF LOT 5+ Acres TYPE BLDG. Single Family Dwelling
(NUMBER OF BEDROOMS)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

John Ellingsworth
(SIGNATURE OF APPLICANT)

APPROVED BY Carlton FOR TRENCHES DATE 6-25-85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

REG. PERMIT SIGNED
AND RETURNED 8-21-89

BP28411 Sub

THIS IS NOT A PERMIT

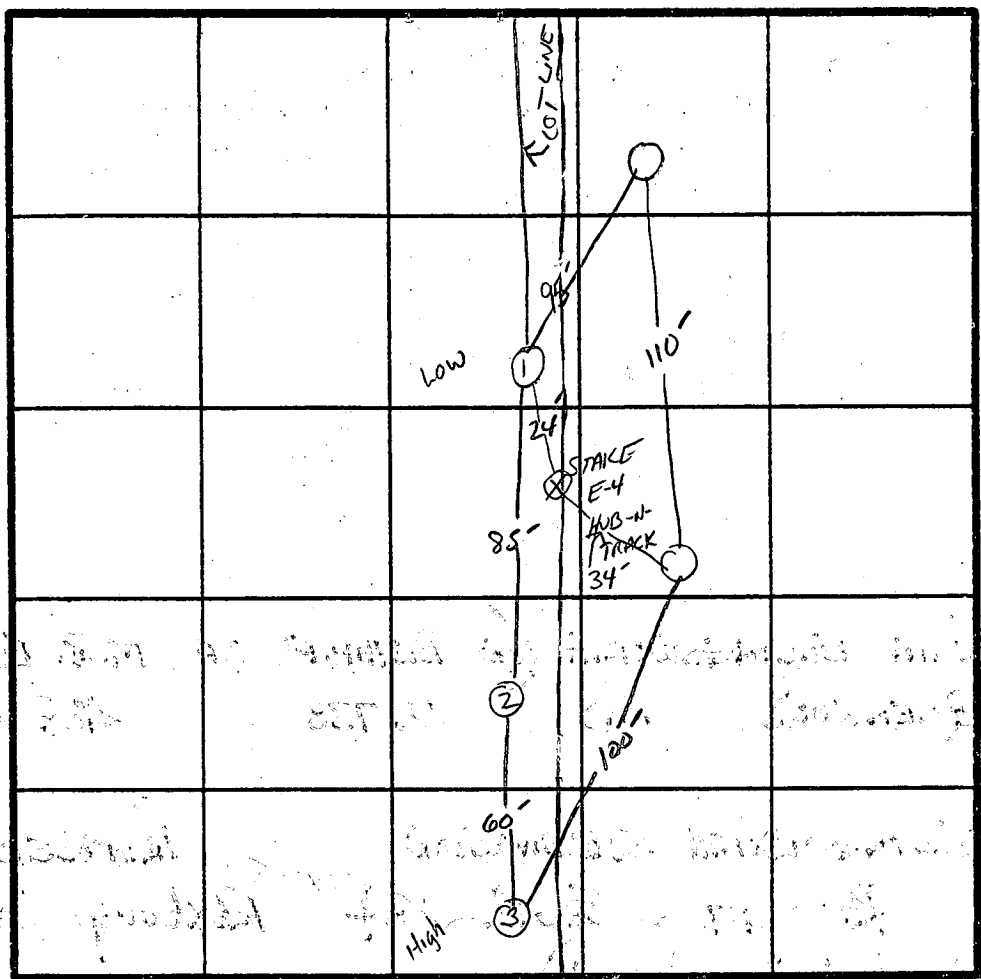
76
1/2

① SOIL PROFILE

9" A1-3
BROWN CLAY LOAM WITH LG. ROCK, 20-30% SAPROLITE

5' BROWN SAND LOAM 20-30% SAPROLITE WITH MEDIUM SIZE ROCK

12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 97

②

9" A1-3
BROWN CLAY LOAM 10% SAPROLITE

4' BROWN SAND LOAM 10-20% SAPROLITE

7' BROWN SILTY SAND 210% SAPROLITE

③

9" A1-3
BROWN CLAY LOAM WITH SMALL VEIN OF ROCK, 20-30% SAPROLITE

5' BROWN SILTY SAND 110% SAPROLITE

Roxbury Lot 4

①
Light Brown Sand Loam

④
Brown Clay
Light Brown Sand Loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/10/85	15	6"	9:13	9:17	9:17	9:25	8min
	1V	12"	UNIFORM SOIL STRUCTURE BELOW 5'				
	25	4.5"	9:30	9:36	9:36	9:50	14min
	2V	12"	VARYING SOIL STRUCTURE SEE PROFILE				
	35	5.5"	9:40	9:47	9:47	10:02	15min
	3V	12"	UNIFORM SOIL STRUCTURE BELOW 5'				
ROXBURY LOT 4 INFORMATION							
	1 S	4.5"	2:40	2:42	2:42	2:44	2min
	1 V	11"	OK BELOW 2'				
	4	3.5"	2:30	2:32	2:32	2:34	2min
		12"	OK BELOW 3'				
OK TO USE RESULTS OF HOLES (1,4) FROM RECENT							
TEST ON ROXBURY LOT 4 A34562 CW							

REMARKS REPAIR OR RESURFACE NOT REQUIRED - SUFFICIENT RECORDS AVAILABLE ON EXISTING HOUSE ON ROXBURY RD. CW

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

C1 2382 SEQUENCE NO. (DENV USE ONLY)
1 2 3 4 5 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.
COUNTY NUMBER A-35161

DATE Received [] [] [] [] [] []
DATE WELL COMPLETED 06/28/89
8 13 15 20

Depth of Well 225
22 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-88-0615
28 29 30 31 32 33 34 35 36 37

OWNER FELLINGSWORTH JOHN
last name first name
STREET OR RFD Route 97 TOWN Glenwood
SUBDIVISION DUNNALL'S RANGE SECTION LOT 2

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
SAND Stone	0	22	
GRAY Mica Rock	22	225	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY
CEMENT BENTONITE CLAY
NO. OF BAGS 7 NO. OF POUNDS 650
GALLONS OF WATER 42
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 25 ft.
48 52 54 58
(enter 0 if from surface)

CASING RECORD
Casing types insert appropriate code below
STEEL CONCRETE
PLASTIC OTHER
MAIN CASING TYPE Nominal diameter (nearest inch) Total depth (nearest foot)
5 6 28
60 61 63 64 66 70

OTHER CASING (if used)
diameter inch depth (feet) from to

SCREEN RECORD
screen type or open hole: insert appropriate code below
STEEL BRASS OPEN HOLE
BRONZE PLASTIC OTHER

DEPTH (nearest ft.)
EACH SCREEN
1 H0 26 225
8 9 11 15 17 21
2
23 24 26 30 32 36
3
38 39 41 45 47 51

CIRCLE APPROPRIATE LETTER:
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

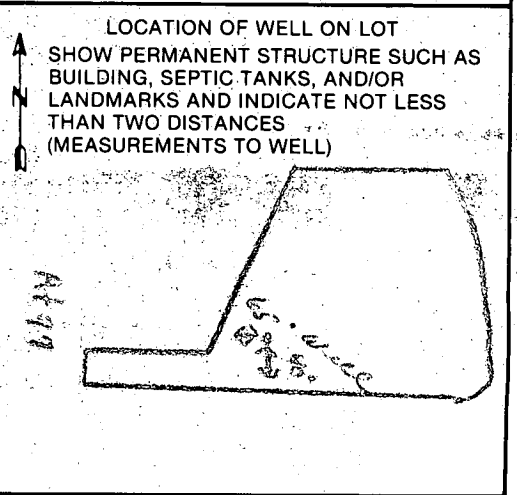
SLOT SIZE 1 2 3
DIAMETER OF SCREEN [] [] [] (NEAREST INCH)
56 60

GRAVEL PACK from to
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) WQ
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 3
8 9
PUMPING RATE (gal. per min. to nearest gal.) 10
11 15
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 43
17 20
WHEN PUMPING 167
22 25
TYPE OF PUMP USED (for test)
A air P piston T turbine
27 27 27
C centrifugal R rotary O other (describe below)
27 27 27
J jet S submersible
27 27

PUMP INSTALLED
DRILLER WILL INSTALL PUMP YES NO
(CIRCLE) (YES or NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
CAPACITY: GALLONS PER MINUTE (to nearest gallon) [] [] [] []
31 35
PUMP HORSE POWER [] [] [] []
37 41
PUMP COLUMN LENGTH (nearest ft.) [] [] [] []
43 47
CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE (nearest foot)
- below } [] (nearest foot)
49 50 51



B 1 **2246** SEQUENCE NO. (DP USE ONLY)
 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

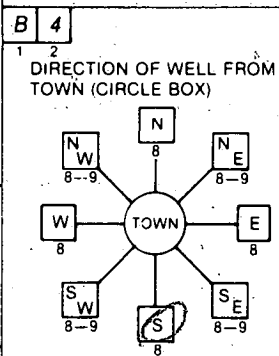
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-0615
 fill in this form completely

Date Received (APA) **050489**
 OWNER INFORMATION
 Last Name **FLLINGSWORTH** Owner **H. JOHN** First Name
 Street or RFD **Rt 97**
 Town **GLENWOOD** State **MD** Zip **21738**

LOCATION OF WELL
 COUNTY **HOWARD**
 SUBDIVISION **DUVALL'S RANGE**
 SECTION **44** LOT **2**
 NEAREST TOWN **GLENWOOD**
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
 Driller's Name **Joseph L. Wayne** License No. **238**
 Firm Name **Wayne Well Drilling**
 Address **5512 Ridge Rd. Mt. Airy, Md. 21771**
 Signature **Joseph L. Wayne** Date **4/29/89**



NEAR WHAT ROAD **MD. 97**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 WEST EAST
 DISTANCE FROM ROAD **415** FT or MI **FT**

WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **HOWARD** COUNTY NO. **A35161**
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **051689** CO SIGNATURE **Crow Wilson** EXP. DATE **11/16/89**
 NORTH GRID **521000** EAST GRID **0787000**

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **280** FEET

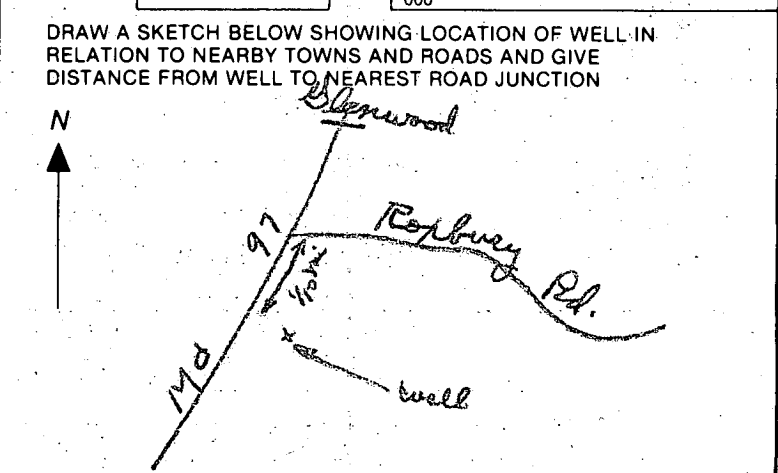
APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

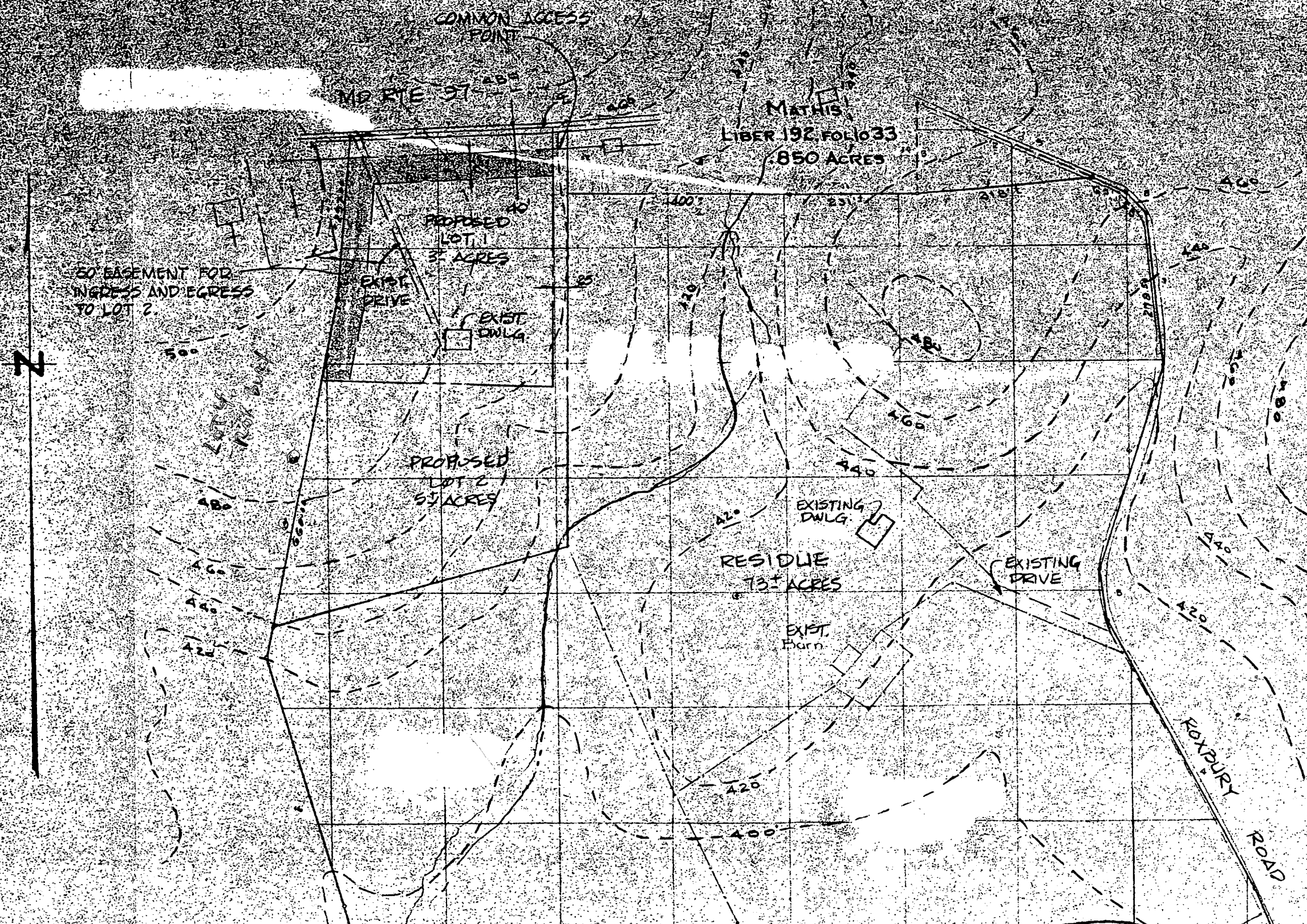
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. **WELL**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

 11:30 6-12-89
 25 ft open
 28 ft casing
 7 bags cement
 3 ft above grade
 Venadean

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **C4** WRITE INITIALS IN BOX PERMIT No. **HO-89-0615**



COMMON ACCESS POINT

MORTGAGE ST

MATHIS

LIBER 192 FOLIO 33
850 ACRES

50' EASEMENT FOR
INGRESS AND EGRESS
TO LOT 2.

PROPOSED
LOT 1
3 ACRES

EXIST
DRIVE

EXIST
DWLG.

PROPOSED
LOT 2
55 ACRES

RESIDUE
73 ACRES

EXISTING
DWLG.

EXIST
BARN

EXISTING
DRIVE

ROXBURY
ROAD

N

8/3/90

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

Final - ok
C. B. S.

APPLICATION FOR PITLESS ADAPTER WELL PUMP AND PRESSURE TANK INSTALLATION

LIVE

New Installation X
Replacement _____

Receipt # 46193
Date 8/1/90

Name of Installer Wood & Gilloway

Telephone _____

License Number _____
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner John Ellingsworth
Subdivision Duval Range Lot # 2
Site Address 3845 Roxbury Mill Road

Telephone _____
Well Tag # HA-88-0615

- | | | |
|---|---------------------|------------------------|
| Pump | Motor | Pitless Adapter |
| 1. Type | 1. Horsepower _____ | 1. Make _____ |
| a. Deep well jet _____ | 2. RPM _____ | 2. Model # _____ |
| b. Shallow well jet _____ | 3. Voltage _____ | 3. Depth _____ |
| c. Submersible _____ | a. 110 _____ | |
| 2. Make _____ | b. 220 _____ | |
| 3. Model # _____ | | |
| 4. Capacity _____ GPM | | |
| 5. Pump exceeds well capacity Yes _____ No _____ | | |
| 6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____ | | |
| 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____ | | |

- | | | |
|---------------------------------|--|--|
| Tank | Piping | Well data |
| 1. Capacity _____ | 1. Type _____ | 1. Depth <u>225</u> ft. |
| 2. Pressure relief valve? _____ | 2. Size _____ | 2. Yield <u>10</u> GPM |
| | 3. NSF and/or BOCA Code approved _____ | 3. Static water level <u>43</u> ft. |
| | 4. Depth of supply line _____ | 4. Will water supply be disinfected by installer? <u>YES</u> |

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: John Ellingsworth

Date: 8-1-90

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

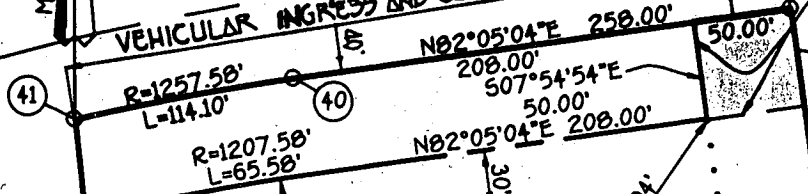
STATE NORTH
MARYLAND GRID
NAD 27

MARYLAND ROUTE 97

MINOR ARTERIAL ROADWAY
(STATE ROADS COMMISSION PLAT No. 9597)
CENTERLINE OF ROADWAY 30'

Private Use-In-Common
Driveway Access Easement
For The Use And Benefit Of
Lots 3 And 4.
Maintenance Agreement
Recorded Among The Land
Records Of Howard County,
Maryland

VEHICULAR ACCESS AND EGRESS IS RESTRICTED



Wm. Garkes
3855 Rt. 97

LOT 3
3.058 AC.±

LOT 1
DUVALL'S RANGE
PLAT No. 6292

Existing Private Use-In-Common
Driveway Access Easement
Liber 1358, folio 408
Relinquished And Abandoned

Lot Line
Removed By
Recordation Of
This Plat

PROPERTY OF
SAMUEL SEYMOUR
LIBER 1372 / FOLIO 111

Lot Line
Removed By
Recordation Of
This Plat

John Ellingsworth

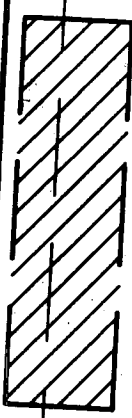
LOT 4
5.023 AC.±

3845 Rt. 97

LOT 2

DUVALL'S RANGE
PLAT No. 6292

F-9885



N03°00'00\"/>

B.R.L.

B.R.L.

B.R.L.

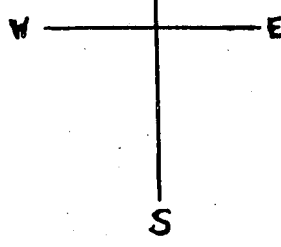
ROXBURY
SECTION 1
LOT 4
PLAT No. 5484

E 706750
N 520750

E 707500
N 5215

LOT 1
3.000 Act

SHOW SCALE ON PAPER
RESTRICTION LINE



BUILDING
76.222 W 112.19
113.86
30

300.00'
290.00'
50'
4.54°E 289.76'
30'
507°22'14"E 28000'
487.09'
507°22'14"E

RESTRICTION LINE
WELL
677.00'
46'
615.28'
61.72'
121.19'
409.83'
N 63° 44' 03" W
90.0

BUILDING
N 03° 00' 00" E
100.00'
615.28'
30'

TRENCH PERMIT TO BE DETERMINED BY HEAD SPONGE

WELL ELEVATION	100.0	
FF ELEVATION	98.5	✓
RE ELEVATION	98.5	✓
HOUSE OUT	90.0	✓ + BSM
TANK IN	89.6	✓
TANK OUT	89.3	✓
BOX IN	89.1	✓
TRENCH IN	89.0	✓
EXISTING AT BOX	92.0	✓ 3
EXISTING AT TRENCH	92.0	✓
EXISTING AT SEPTIC	88.0	✓

LOT 2
5.001 Act

8/21/89 elevations on R/L

BMDG. PERMIT SIGNED AND RETURNED 8-21-89
BP28411
8/21/89 BUILDING

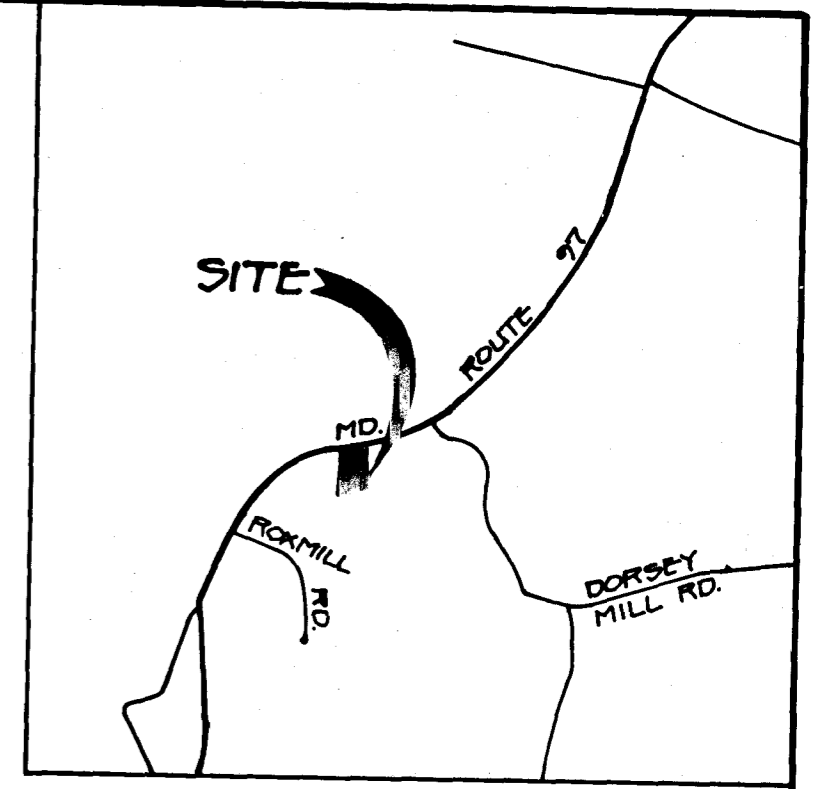
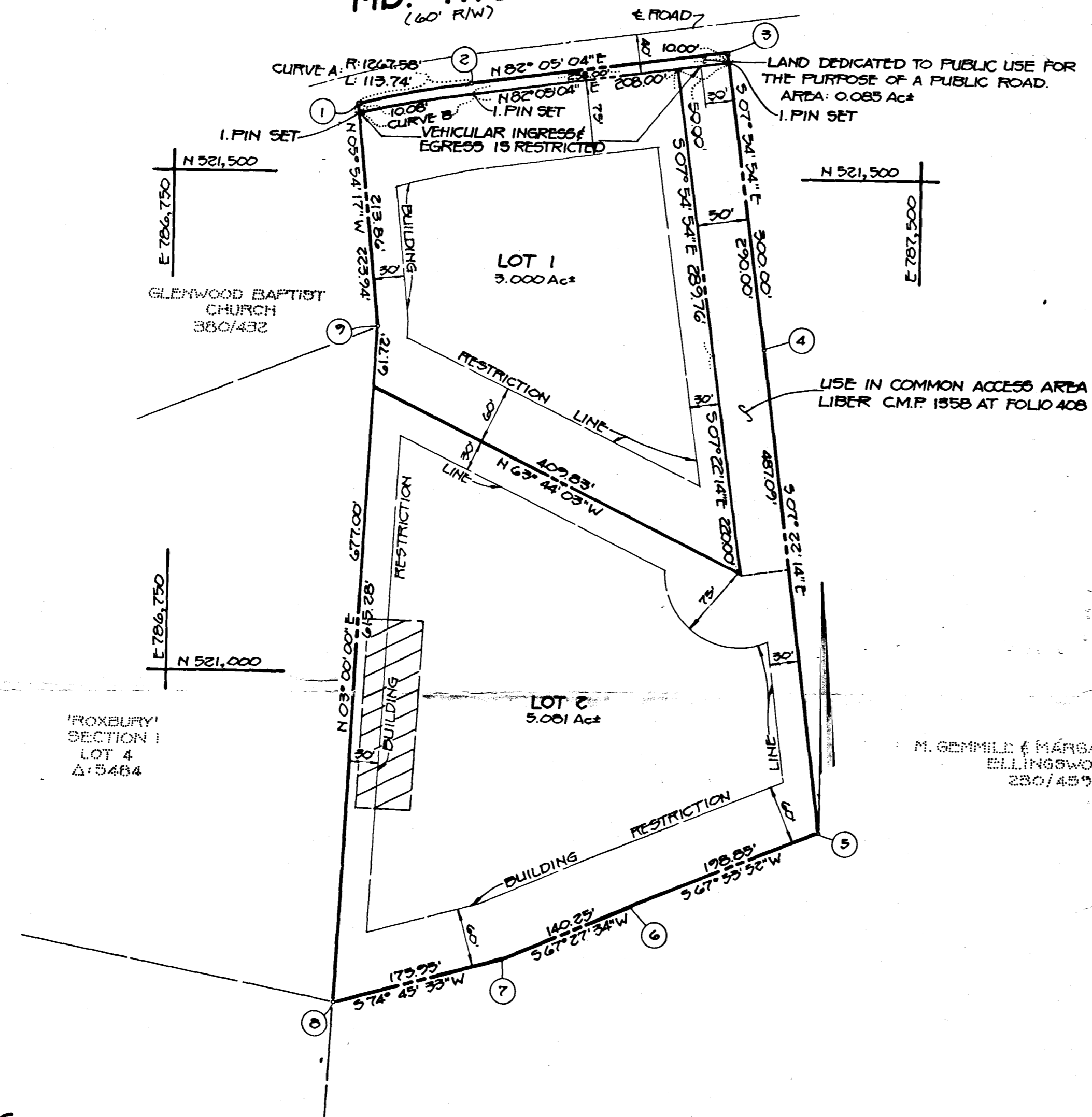
RESTRICTION LINE

173.93'
574° 45' 33" W
140.25'
567° 27' 34" W
198.85'
567° 53' 52" W
99

LOT 2 SLOPES DUE SOUTH AND EAST. ELEVATIONS ARE ASSUMED

COORDINATE TABLE:			CURVE DATA:					
PT.	NORTH	EAST	CURVE	RADIUS	LENGTH	Δ	TANGENT	CHORD BEARING & DISTANCE
1	521569.62	786936.15	A	1267.58	113.74	05°-08'-28"	56.91'	N 79°-30'-50" E 113.70'
2	521590.31	787047.95	B	1257.58	114.10	05°-11'-54"	57.10'	N 79°-29'-06" E 114.06'
3	521625.84	787303.49						
4	521328.70	787344.80						
5	520845.63	787407.29						
6	520770.81	787223.05						
7	520717.05	787093.51						
8	520670.80	786923.75						
9	521346.87	786959.18						

(S.R.C. PLAT NO. 9977)
MD. RTE. 97
 (60' R/W)



VICINITY MAP
 SCALE: 1" = 2000'

- NOTES:
- 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.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
 - SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.
 - THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM.
 - THIS PLAN IS SUBJECT TO VP-85-18-A-1.
 - FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
 - THE COORDINATES SHOWN HEREON ARE BASED ON HOWARD COUNTY CONTROL STATIONS:
 STA. 3132003 N 521466.790 E 786535.053
 STA. 3132004 N 520943.065 E 785969.081
 - I.P. DENOTES IRON PIPE SET.
 - DENOTES CONC. MON. SET.
 - THE TWO LOTS SHOWN HEREON SHALL BE USED IN ACCORDANCE WITH SECTION 105.C.3 OF THE HOWARD COUNTY ZONING REGULATIONS, AS AMENDED ON JANUARY 29, 1982, SPECIFICALLY THAT SUCH LOTS ARE USED ONLY FOR THE PURPOSE OF CONSTRUCTION OF ONE DWELLING FOR THE OWNER WHO ENTERED THE MARYLAND HISTORICAL TRUST EASEMENT AND FOR EACH OF HIS/HER CHILDREN ON A ONE TIME BASIS ONLY.
 - EXISTING STRUCTURES ON LOT 1.

AREA TABULATION:

NUMBER OF LOTS	- 2
TOTAL AREA OF LOTS	- 8.081 Ac.±
TOTAL AREA OF ROAD WIDENING	- 0.085 Ac.±
TOTAL AREA	- 8.166 Ac.±

FISHER, COLLINS, and CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8988 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 TELE: (301) 461-2055

OWNER
 ESTATE OF
 MARGARET B. ELLINGSWORTH
 343 N. CHARLES ST.
 BALTIMORE, MD 21201

DEVELOPER
 JOHN B. ELLINGSWORTH
 GLENWOOD, MARYLAND 21738

RECORDED PLAT 6292
 JUL 29 1985
 RECORDS OF HOWARD COUNTY MD

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

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

OWNER'S CERTIFICATE:
 WE, RICHARD W. KIEFER AND MERCANTILE SAFE DEPOSIT AND TRUST COMPANY, PERSONAL REPRESENTATIVES OF THE ESTATE OF MARGARET B. ELLINGSWORTH, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURES OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.
 WITNESS OUR HANDS THIS 14th DAY OF JUNE, 1985.

MERCANTILE SAFE DEPOSIT AND TRUST COMPANY
 Elizabeth M. Lutz - VICE PRESIDENT
 Richard W. Kiefer - PERSONAL REPRESENTATIVE
 John Ellingsworth - WITNESS

SURVEYOR'S CERTIFICATE:
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF PART OF THE LAND CONVEYED BY RALPH BIRMINGHAM, ET AL. TO M. GEMMILL ELLINGSWORTH AND MARGARET B. ELLINGSWORTH BY DEED DATED FEBRUARY 26, 1952 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 230 AT FOLIO 459 AND ALL OF THE LAND CONVEYED BY EVERETT D. MARSTON, ET AL. TO RICHARD W. KIEFER, ET AL., PERSONAL REPRESENTATIVES OF THE ESTATE OF MARGARET B. ELLINGSWORTH BY DEED DATED JUNE 13, 1985 AND RECORDED AMONG THE LAND RECORDS AFORESAID IN LIBER C.M.P. 1355 AT FOLIO 444.

Ronald B. Carter, L.S. NO. 10704 DATE 6-14-1985

FILE COPY
 LOTS 1 & 2
DUVALL'S RANGE

FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP 21 PARCEL 23
 SCALE: 1" = 100' JUNE 14, 1985

U.S. EQUIVALENT COORDINATE TABLE

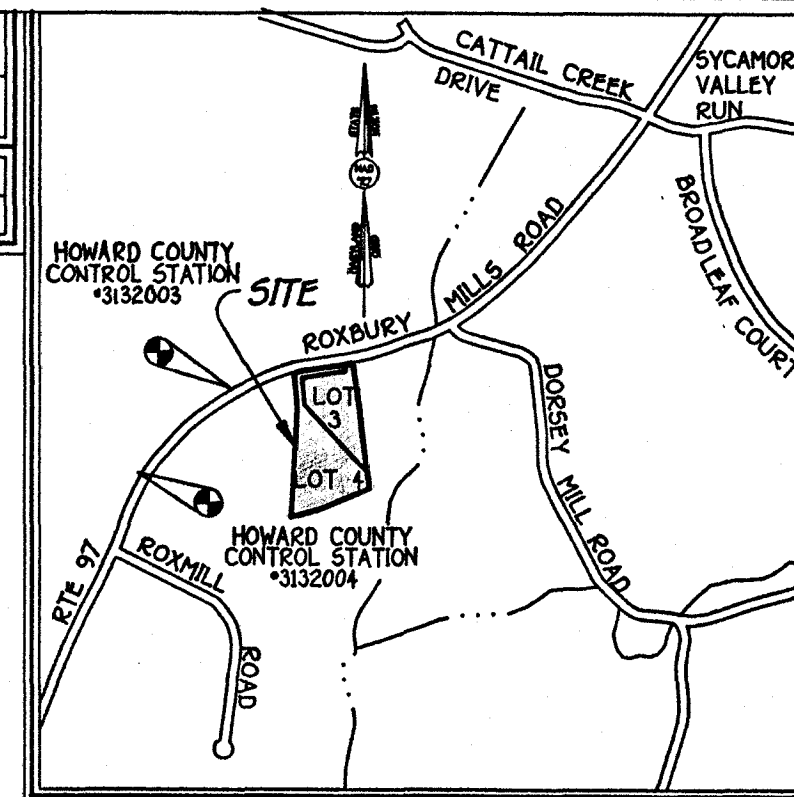
Pnt	North	East
3	521346.867936	786959.183480
22	520670.796000	786923.752000
29	520717.048000	787093.510000
30	520770.812000	787223.049000
37	521328.699049	787344.802755
38	520845.632933	787407.291171
39	521615.936268	787304.868058
40	521580.406118	787049.326077
41	521559.591560	786937.182912

CURVE DATA

Pnt.	Radius	Arc	Delta	Tangent	Chord Bearing & Distance
41-40	1257.58'	114.10'	05°11'54"	57.10'	N79°29'06"E 114.06'

MINIMUM LOT SIZE CHART

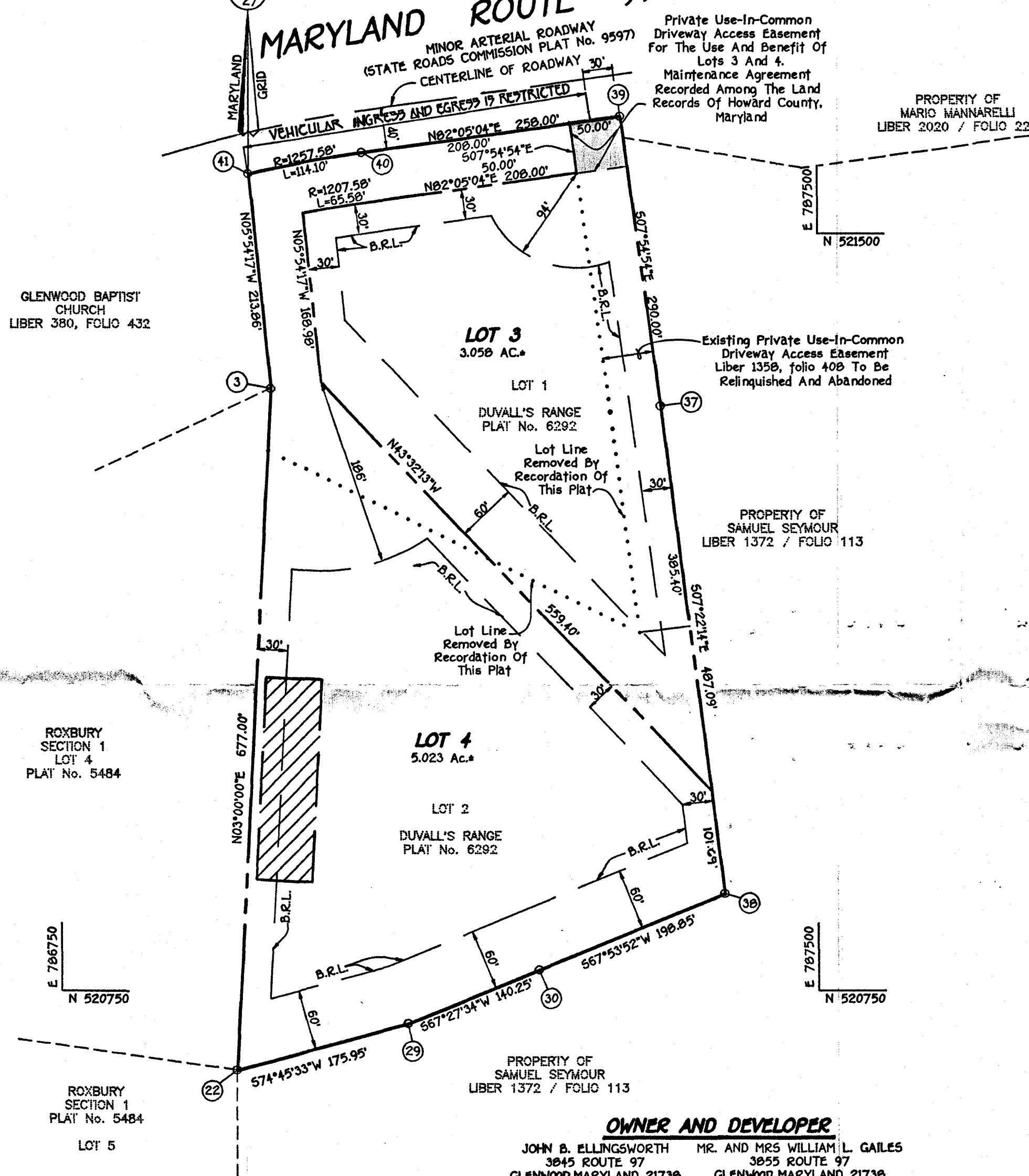
Lot No.	Gross Area	Pipestem Area	Remaining Area	Minimum Lot Size
3	3.058 Ac.*	0.058 Ac.*	3.000 Ac.*	3.000 Ac.*
4	5.023 Ac.*	0.5617 Ac.*	4.461 Ac.*	4.461 Ac.*



VICINITY MAP

SCALE: 1" = 1200'

MARYLAND ROUTE 97



GENERAL NOTES

- This Area Designates A Private Sewerage Easement Of 10,000 Square Feet As Required By The Maryland State Department Of The Environment For Individual Sewerage Disposal. Improvements Of Any Nature In This Area Are Restricted Until Public Sewerage Is Available. These Easements Shall Become Null And Void Upon Connection To A Public Sewerage System. The County Health Officer Shall Have The Authority To Grant Variances For Encroachments Into The Private Sewerage Easement. Recordation Of A Modified Easement Shall Not Be Necessary.
- The Lots Shown Hereon Comply With The Minimum Ownership Width And Lot Area As Required By The Maryland State Department Of The Environment.
- Subject Property Zoned RC-DEO Per 10/18/93 Comprehensive Zoning Plan.
- Coordinates Based On Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 3132003 And No. 3132004, Which Were The Basis For Record Plat No. 6292 - Duvall's Range Lots 1 And 2.
Sta. N 521466.790 E 786535.053
Sta. N 520943.065 E 785969.081
- This Plat Is Based On Field Run Monumental Boundary Survey Performed On Or About September 15, 1997, By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line.
- Denotes Iron Pin Set Capped "F.C.C. 106".
- Denotes Iron Pipe Or Iron Bar Found.
- Denotes Angular Change In Bearing Of Boundary Or Rights-Of-Way.
- Denotes Concrete Monument Set With Aluminum Plate "F.C.C. 106".
- Denotes Concrete Monument Or Stone Found.
- Refuse Collection, Snow Removal And Road Maintenance To Be Provided At The Junction Of Pipe/Flag Stem And The Road R/W And Not Onto The Flag/Pipe Stem Driveway.
- Driveway(s) Shall Be Provided Prior To Residential Occupancy To Insure Safe Access For Fire And Emergency Vehicles Per The Following (Minimum) Requirements:
a) Width - 12 Feet (16 Feet Serving More Than One Residence);
b) Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1 - 1/2" Minimum);
c) Geometry - Maximum 15 % Grade, Maximum 10% Grade Change And 45-Foot Turning Radius;
d) Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (425-Loading);
e) Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Surface;
f) Structure Clearances - Minimum 12 Feet;
g) Maintenance - Sufficient To Insure All Weather Use. No Clearing, Grading Or Construction Is Permitted Within Wetland Or Stream Buffers. Unless Approved By The Department Of Planning And Zoning Of Howard County, Maryland.
- All Lot Areas Are More Or Less (±).
- Distances Shown Are Based On Surface Measurement And Not Reduced To Nad '83 Grid Measurement.
- Existing Houses On Lots 1 And 2 To Remain. No New Additions Or Modifications To The Existing House On Lots 1 And 2 Shall Be Allowed To Extend Outside Of The Minimum Building Restriction Line.
- Property Subject To Maryland Historical Trust Recorded In Liber 860 At Folio 694
- Plot Subject To Prior Department Of Planning And Zoning Files Nos. FB5-17C And VP 85-187-A-1.

The Purpose Of This Plat Is To Revise The Common Lot Line Between Lots 1 And 2 To Create Lots 3 And 4, And To Position The Driveway Serving The Dwelling On Lot 4 Within The 50' Strip Of Lot 4.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
4109 461 - 2955
60464PLDWG

The Requirements §3-108, The Real Property Article, Annotated Code Of Maryland, 1988 Replacement Volume, (As Supplemented As Far As They Relate To The Making Of This Plat And The Setting Of Markers Have Been Complied With

Terrel A. Fisher 12-22-97 Date
Terrel A. Fisher, L.S. #10692 (Registered Land Surveyor)

John B. Ellingsworth 12-22-97 Date
John B. Ellingsworth (Owner)

William L. Gailes 12-5-97 Date
William L. Gailes (Owner)

Cynthia M. Gailes 12/5/97 Date
Cynthia M. Gailes (Owner)

AREA TABULATION FOR THIS SHEET

Total Number Of Buildable Lots To Be Recorded	2
Total Number Of Open Space Lots To Be Recorded	0
Total Number Of Lots To Be Recorded	2
Total Area Of Buildable Lots To Be Recorded	8.081 AC.*
Total Area Of Open Space Lots To Be Recorded	0.000 AC.
Total Area Of Lots To Be Recorded	8.081 AC.*
Total Area Of Roadway To Be Recorded	0.000 AC.
Total Area To Be Recorded	8.081 AC.*

Approved: For Private Water And Private Sewerage Systems, Howard County Health Department.

Joyce M. Boyd 2/18/98 Date
Howard County Health Officer

Approved: Howard County Department Of Planning And Zoning.

William L. Gailes 2/20/98 Date
Chief, Development Engineering Division

James L. Butler 2/25/98 Date
Director

OWNER'S CERTIFICATE

John B. Ellingsworth, William L. Gailes And Cynthia M. Gailes Owners, Of The Property Shown And Described Hereon, Hereby Adopt This Plan Of Subdivision, And In Consideration Of The Approval Of This Final Plat By The Department Of Planning And Zoning, Establish The Minimum Building Restriction Lines And Grant Unto Howard County, Maryland, Its Successors And Assigns: (1) The Right To Lay, Construct And Maintain Sewers, Drains, Water Pipes And Other Municipal Utilities And Services In And Under All Roads And Street Rights-Of-Way And The Specific Easement Areas Shown Hereon; (2) The Right To Require Dedication For Public Use The Beds Of The Streets And/Or Roads And Floodplains And Open Space Where Applicable And For Good And Other Valuable Consideration, Hereby Grant The Right And Option To Howard County To Acquire The Fee Simple Title To The Beds Of The Streets And/Or Roads And Floodplains, Storm Drainage Facilities And Open Space Where Applicable; (3) The Right To Require Dedication Of Waterways And Drainage Easements For The Specific Purpose Of Their Construction, Repair And Maintenance; And (4) That No Building Or Similar Structure Of Any Kind Shall Be Erected On Or Over The Said Easements And Rights-Of-Way.

Witness Our Hands This 22nd DAY Of December, 1997.

John B. Ellingsworth
John B. Ellingsworth
Witness
William L. Gailes
William L. Gailes
Witness
Cynthia M. Gailes
Cynthia M. Gailes

Clayton
Witness
William L. Gailes
Witness
Cynthia M. Gailes
Witness

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of 1) Part Of The Lands Conveyed By Richard W. Kiefer, Douglas L. Woodward And Mercantile Safe-Deposit And Trust Company, A Maryland Corporation, Personal Representatives For The Estate Of Margaret B. Ellingsworth, Deceased To John B. Ellingsworth By Deed Dated July 30, 1985 And Recorded In The Land Records Of Howard County, Maryland In Liber 1372 At Folio 85 And; 2) All Of The Lands Conveyed By John B. Ellingsworth To William L. Gailes And Cynthia M. Gailes, Husband And Wife By Deed Dated July 31, 1993 And Recorded In The Aforesaid Land Records In Liber No. 2958 At Folio 427. And That All Monuments Are In Place Or Will Be In Place Prior To Acceptance Of The Streets In The Subdivision By Howard County, Maryland As Shown, In Accordance With The Annotated Code Of Maryland As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

Terrel A. Fisher 12/22/97 Date
Terrel A. Fisher, Professional Land Surveyor No. 10692

Recorded As Plat No. 13065 On 2/27/98
Among The Land Records Of Howard County, Maryland.

REVISION PLAT DUVALL'S RANGE LOTS 3 AND 4

(A RESUBDIVISION OF LOTS 1 AND 2 DUVALL'S RANGE, PLAT No. 6292)

ZONED: RC-DEO
TAX MAP: 21, PARCEL 204, GRID 14
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: SEPTEMBER 29, 1997

