

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

P 58106

A 50428

DISTRICT 3rd

DATE 4-22-97

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

DATE SYSTEM APPROVED 5/14/97

INSPECTOR DKS

#320545

Arnold Backhoe & Septic Services

IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Benson Branch Estates LOT 20 ROAD 3712 Park Overlook Court

PROPERTY OWNER Trinity Custom Homes / FRANK D. SISTAKE

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 57.50' and 364.00' lot lines. begin trenches 190 feet down the 364.00' lot line and 70 feet off that same lot line. Run trenches on contour toward the 95.00' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/11/97 DKS

PLANS APPROVED BY Amy McMillen/Glen Savage REVISED DATE 03/06/97

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 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 PVA 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**

PERMIT SIGNED  
**AND RETURNED 4-9-98**  
*Serial # B70110963*  
*Dick*

A 50428

5/14/97  
12:00  
5/15/97  
WPI  
12:00  
later



# APPLICATION

PERCOLATION TESTING

A. 50428  
P. \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_  
DATE 9/23/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Brandt c/o Land Design & Development, Inc. Trinity Custom Homes

ADDRESS 10805 Hickory Ridge Road PHONE (410) 740-2100

AGENT OR PROSPECTIVE BUYER Columbia, MD 21044

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Brandt Property LOT NO. 4A 14

ROAD AND DESCRIPTION Triadelphia Road (3712 Park Overlook Ct.) BLDG. PERMIT SIGNED 3/6/97  
AND RETURNED Send # B78104223  
SFD - 4 Bedroom

TAX MAP 22 PARCEL # 16, 398, 399

SIZE OF LOT 40,000/60,000 TYPE BLDG. single family dwelling  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

[Signature]  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

# APPLICATION

PERCOLATION TESTING

A 50428

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 11/10/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 4A 5

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

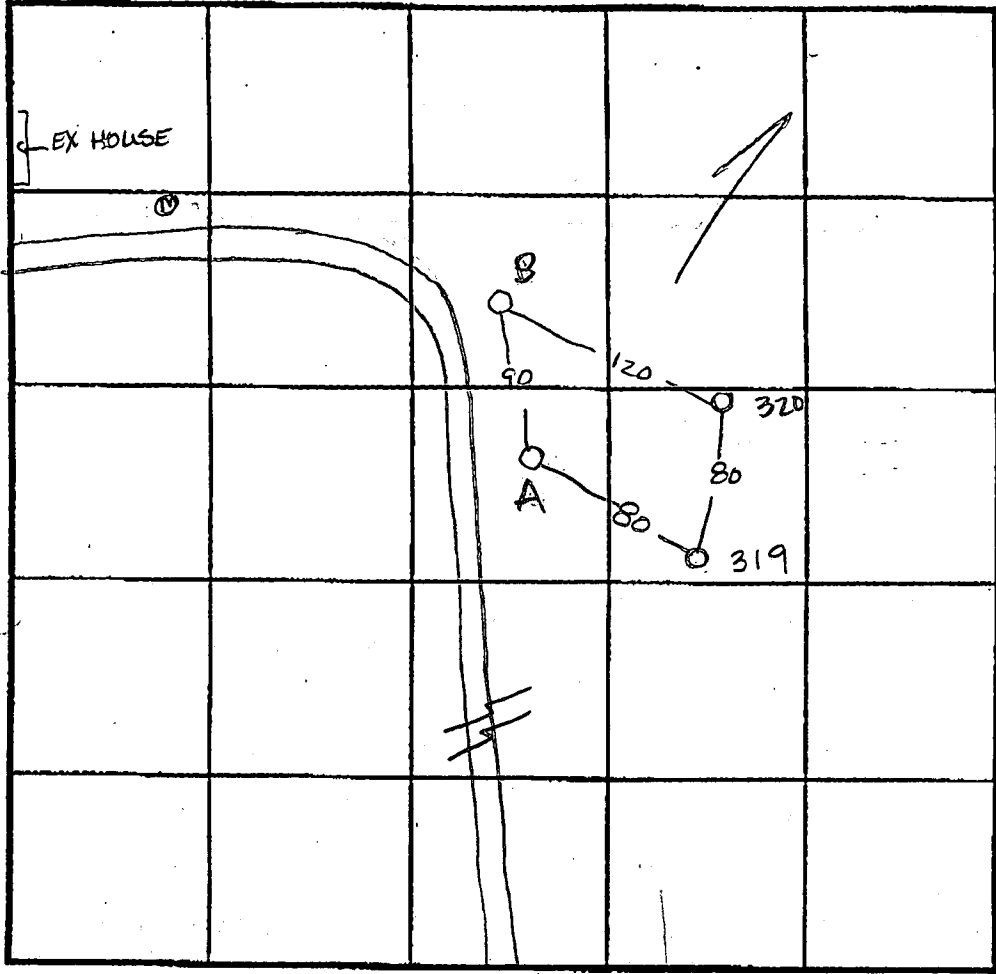
# THIS IS NOT A PERMIT

A50428  
COUNTY #

SOIL PROFILE  
A & B  
0' dark red c  
3.5' tan SL  
Some shale  
25%  
OK  
12.5'

319/320  
bright red c  
4' tan/red  
3% SL  
mica  
10.5'

12' dark red SL  
mica



SOIL PROFILE  
0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. TRIA RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-23-94	A	Visual to	3'				OK
	B	Visual to	2.5				OK
9-30-94	319	7' VII.5	7:40	7:40 <sup>45</sup>	7:40 <sup>45</sup>	7:42	1 1/4 min
	320	4.5' VI.2	1:25	1:29	1:29	1:33	4 min

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY Amy McMillen ALSO PRESENT Mark Reich  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2'  
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180 ft<sup>2</sup>

1911  
 SEQUENCE NO. (MDE USE ONLY)  
 (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 **A50428**

ST/CO USE ONLY: DATE Received: **080296** DATE WELL COMPLETED: **092496** Depth of Well: **205** (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL": **H0-94-0802**

OWNER **Trinity Custom Homes** STREET OR RFD **Park Overlook Ct** TOWN **Glenelg**  
 SUBDIVISION **Benson Branch Est** SECTION \_\_\_\_\_ LOT **1A 20**

**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	
Top Soil	0	2	
Sandy Sandstone	2	30	
MICKA	30	35	
Sandstone	35	45	
MICKA	45	50	✓
Sandstone	50	95	
MICKA	95	100	✓
<del>Sandstone</del>	<del>100</del>	<del>105</del>	
MICKA	100	205	

**GROUTING RECORD** yes  no   
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **18** NO. OF POUNDS **1800**  
 GALLONS OF WATER \_\_\_\_\_  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **305** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** STEEL **CO** CONCRETE  
**PL** PLASTIC **OT** OTHER  
 MAIN CASING TYPE **PL** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **99**

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
**ST** STEEL **BR** BRASS BRONZE **HO** OPEN HOLE  
**PL** PLASTIC **OT** OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**  
 WELL HYDROFRACTURED **Y** **N**

**C 2**  
 DEPTH (nearest ft.)  
 A **H042** **205**  
 C **8** **9** **11** **15** **17** **21**  
 H **23** **24** **26** **30** **32** **36**  
 S **38** **39** **41** **45** **47** **51**  
 E **56** **60**  
 N

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)

CIRCLE APPROPRIATE LETTER.  
**A** 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 26.04.04 "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.

TYPE: MWD/MSD/JMGD  
 DRILLERS LIC. NO. **116**  
**John Wayne**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

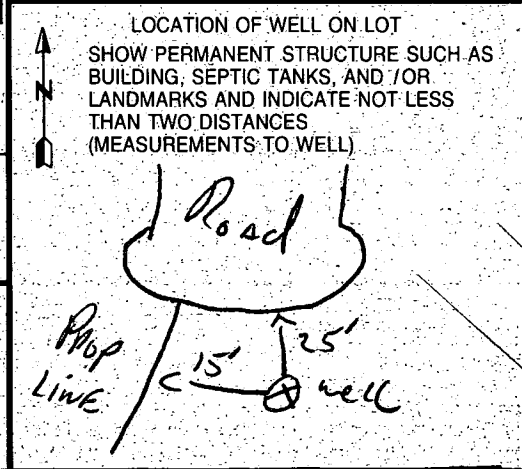
LIC. NO. **117**  
**John Wayne**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

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

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **46** ft.  
 WHEN PUMPING **60** ft.  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
**C** centrifugal **R** rotary **O** other (describe below)  
**J** jet **S** submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP YES  NO   
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.  
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,Q) IN BOX **29**  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) \_\_\_\_\_  
 PUMP HORSE POWER \_\_\_\_\_  
 PUMP COLUMN LENGTH (nearest ft.) \_\_\_\_\_  
 CASING HEIGHT (circle appropriate box and enter casing height)  
**+** above **LAND SURFACE**  
**-** below **2** (nearest foot)





WAYMON SCOTT

EX. 50' R/W

LOT 2A

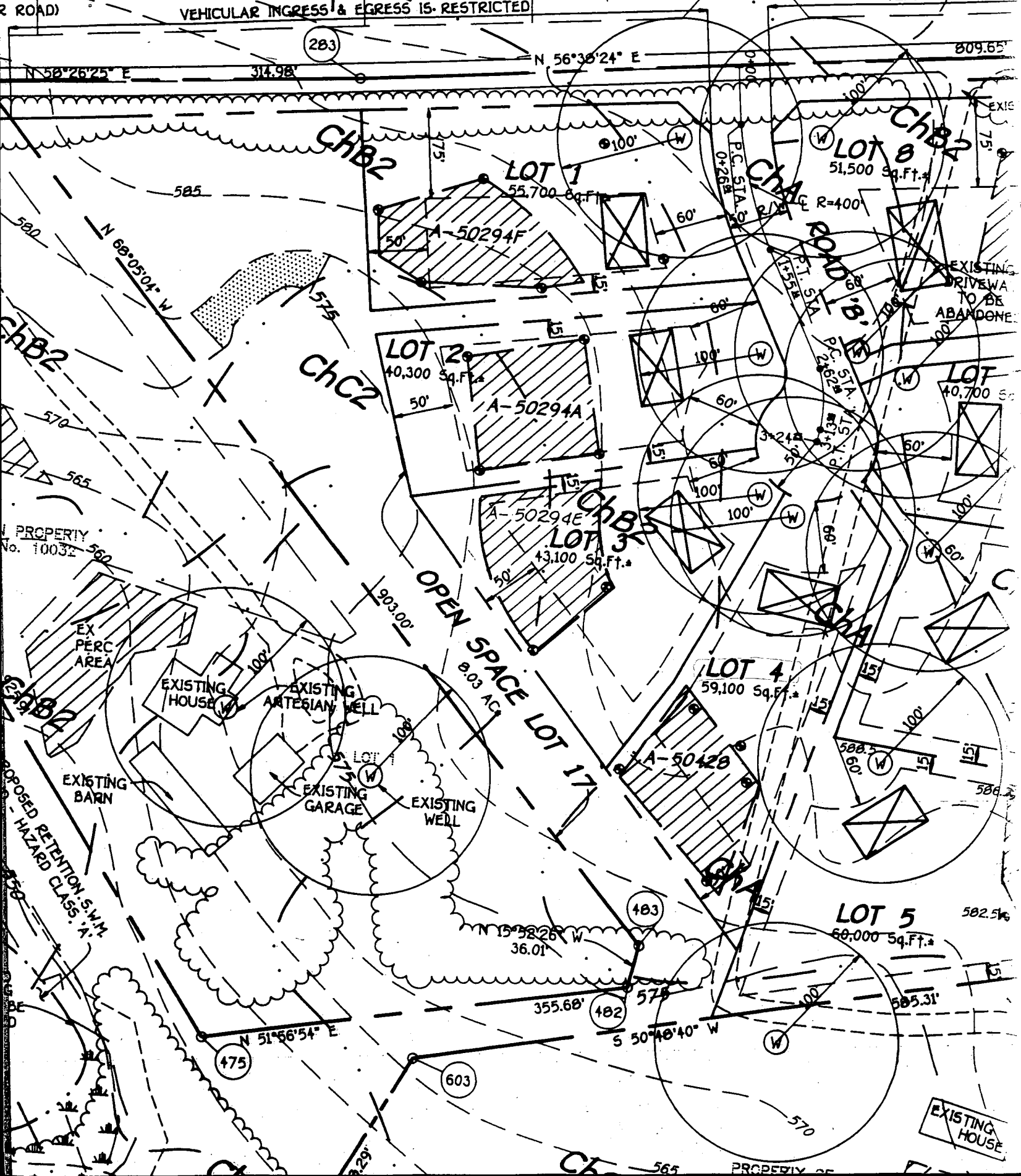
LOT 1B

# ROAD

copy of signed Percolation Certification Plat

VEHICULAR INGRESS & EGRESS IS RESTRICTED

VEHICULAR INGR...



403160.029
403122.029
403140.327
403149.585
403228.659

**PARK OVERLOOK COURT**  
PLAT No. 12134

LOT No.	GROSS AREA
21	62,472 Sq.Ft.

POINT No.	RADIUS
859-866	50.00'

LOT 13  
BENSON BRANCH ESTATES  
PLAT No. 12134

Copy of approved  
F-97-37

Purpose: Move lot  
line to accommodate  
the well on  
Lot 21

LOT LINE REMOVED  
BY RECORDATION  
OF THIS PLAT.

24' PRIVATE  
ACCESS EASEMENT  
ACROSS  
LOTS 15 AND 16  
AND BENEFIT  
AND PROPERTY  
CONVEYED IN  
LIBER 3514,  
FOLIO 384  
LIBER 3384,  
FOLIO 515  
LIBER 3384,  
FOLIO 605  
MAINTENANCE  
AGREEMENT  
RECORDED AMONG  
THE LAND RECORDS  
OF HOWARD COUNTY

**LOT 20**  
40,000 Sq.Ft.

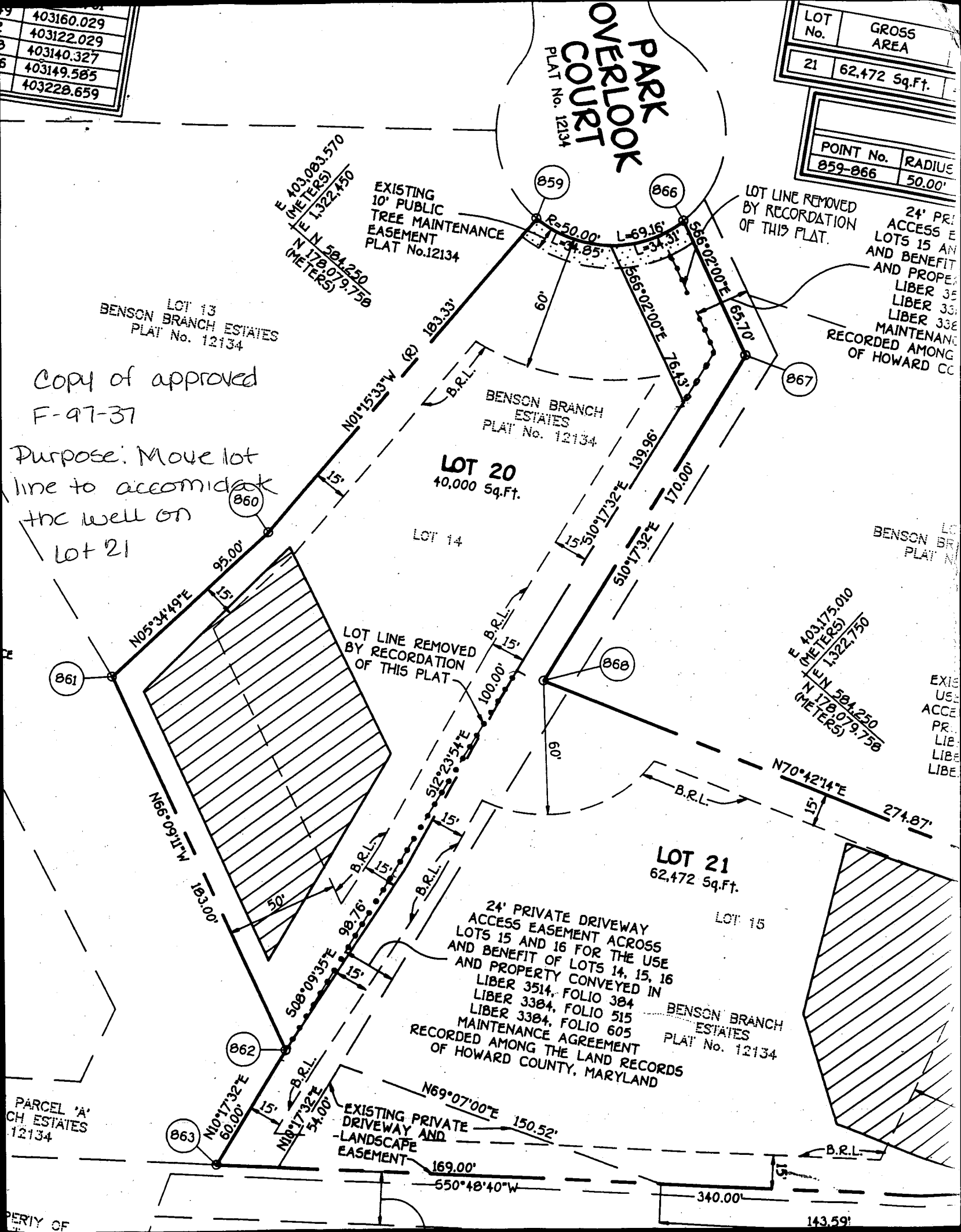
**LOT 21**  
62,472 Sq.Ft.

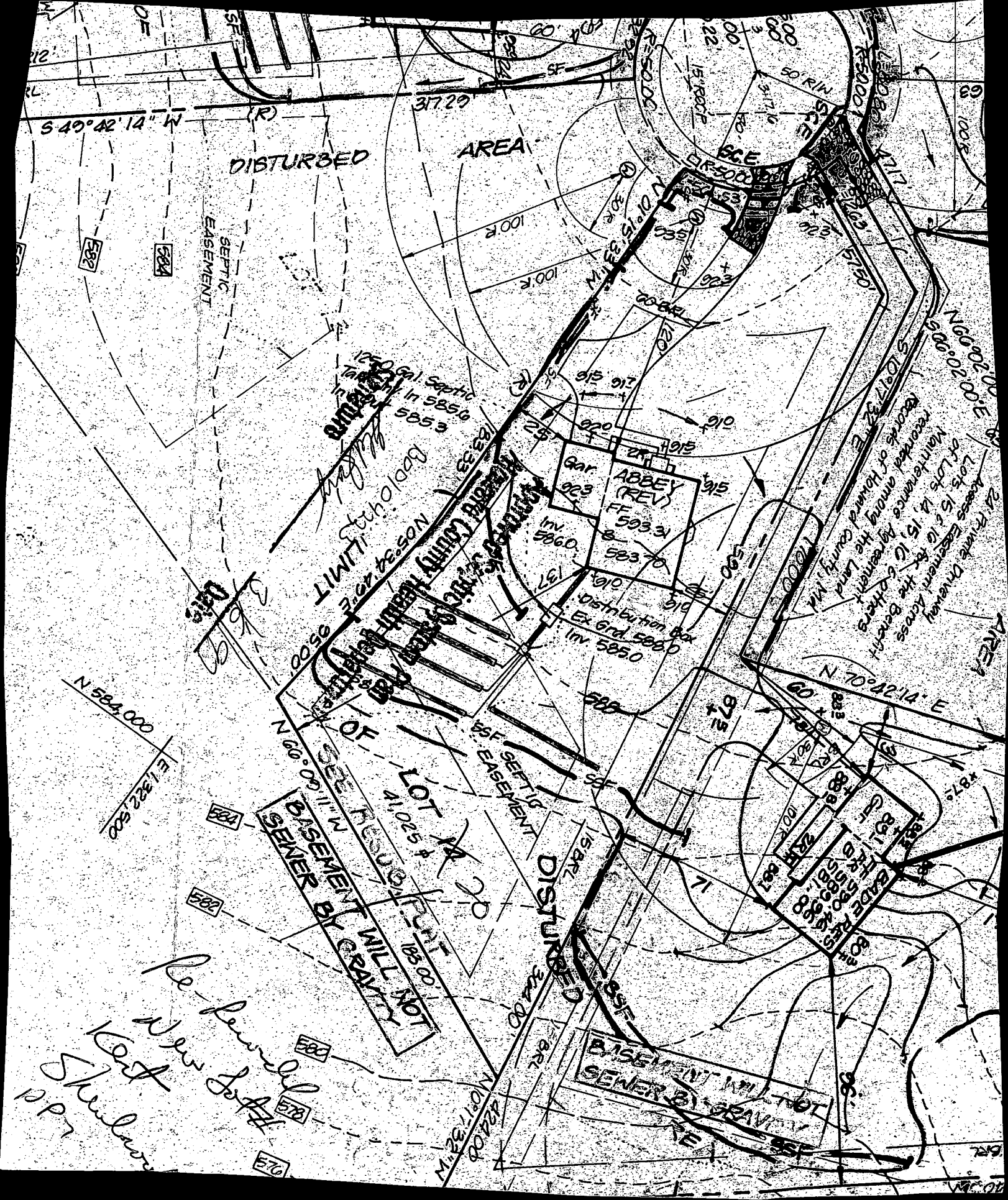
24' PRIVATE DRIVEWAY  
ACCESS EASEMENT  
ACROSS  
LOTS 15 AND 16  
FOR THE USE  
AND BENEFIT  
OF LOTS 14, 15, 16  
AND PROPERTY  
CONVEYED IN  
LIBER 3514,  
FOLIO 384  
LIBER 3384,  
FOLIO 515  
LIBER 3384,  
FOLIO 605  
MAINTENANCE  
AGREEMENT  
RECORDED AMONG  
THE LAND RECORDS  
OF HOWARD COUNTY, MARYLAND

PARCEL 'A'  
BENSON BRANCH ESTATES  
PLAT No. 12134

EXISTING PRIVATE  
DRIVEWAY AND  
LANDSCAPE  
EASEMENT

PROPERTY OF





DISTURBED AREA

SEPTIC EASEMENT

1050 Gal Septic Tank in 585.0  
1050 Gal Septic Tank in 585.3

HARRIS COUNTY HEALTH DEPARTMENT  
N 05° 32' 29" E 350.0'  
N 05° 32' 29" E 350.0'

Gar 923  
ABBEY (REV)  
FF 593.3  
Inv 586.0

2nd Flr  
FF 593.3  
Inv 583.70

Distribution Box  
Ex Grd 588.0  
Inv 585.0

21 Truitt Driveway  
Access Easement Across  
Lots 15 & 16 to the Benefit  
Maintenance Agreement  
Recorded among the Plans  
of Harris County, Tex.

SEWER EASEMENT  
WILL NOT GRAVE

DISTURBED AREA

SEWER EASEMENT  
WILL NOT GRAVE

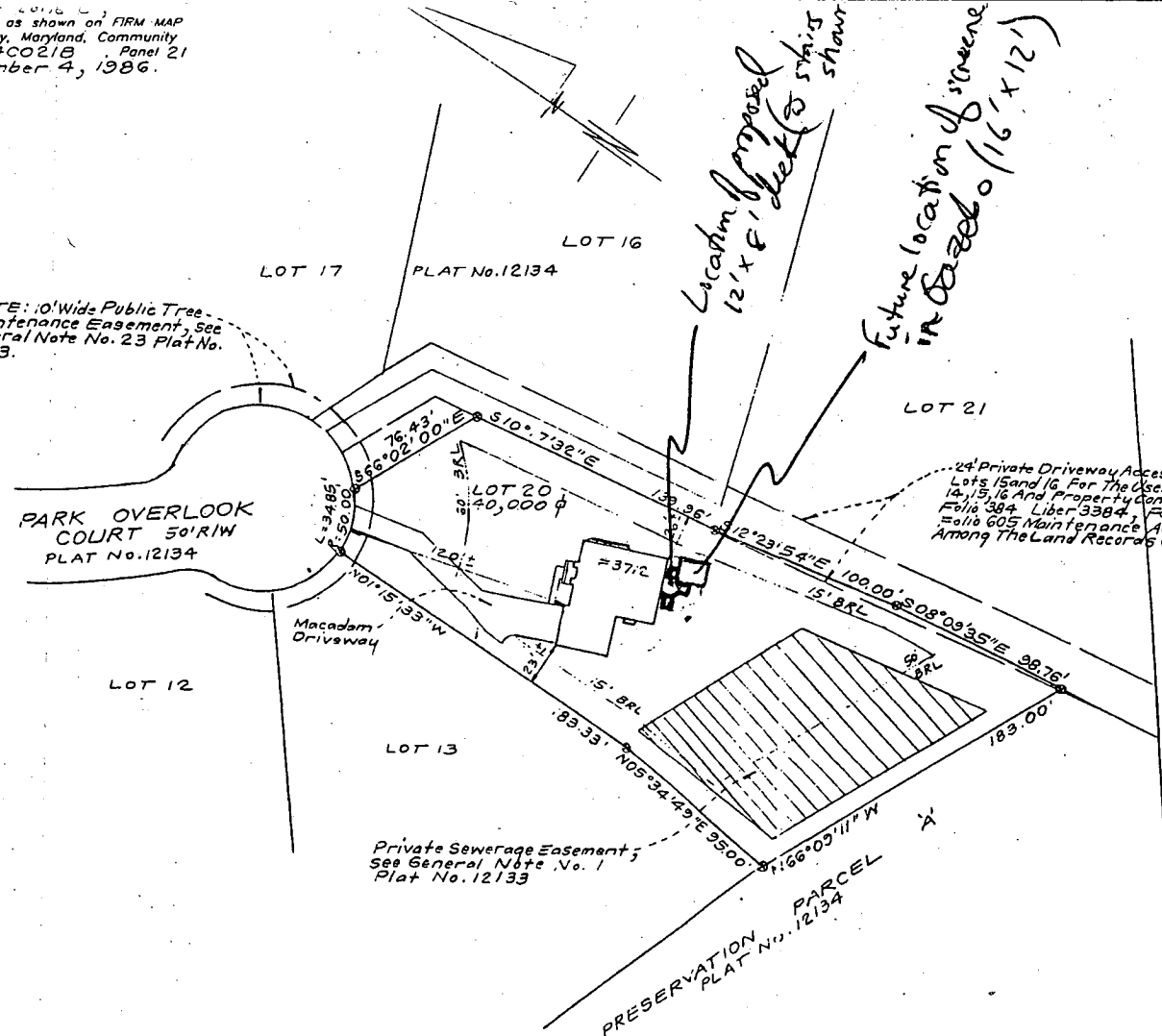
to be furnished  
West  
Shelburne  
pp

of minimal flooding as shown on FIRM MAP  
 Howard County, Maryland, Community  
 Panel Number 240044C021B Panel 21  
 dated December 4, 1986.

PLAT No. 12375  
 Boundary Survey: 8-5-97

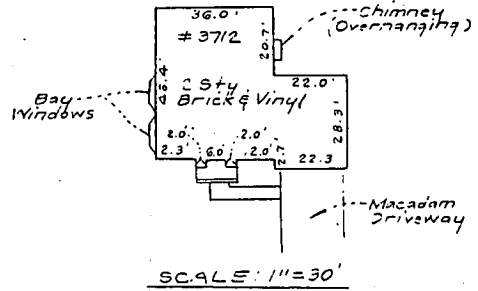
\* SITE PLAN NOT TO SCALE

NOTE: 10' Wide Public Tree Maintenance Easement, See General Note No. 23 Plat No. 12133.



24' Private Driveway Access Easement Across Lots 15 and 16 For The Use And Benefit of Lots 14, 15, 16 And Property Conveyed in Liber 3514, Folio 384 Liber 3384, Folio 515 Liber 3384, Folio 605 Maintenance Agreement Recorded Among The Land Records of Howard Co., Md.

Private Sewerage Easement, See General Note No. 1 Plat No. 12133



4/9/98 Proposed location for deck and gazebo OR as shown (D&S)


**SURVEYOR'S CERTIFICATE**

I certify that a field survey of this property was made under my supervision for the purpose of the improvements shown hereon, and that they are shown as shown.



NOTE: 1. Setback Distance Accuracy = 1" ±  
 2. S = Rebar - # 20

Plot Reference: PLAT No. 12375

 <b>CLARK · FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS · PLANNERS · SURVEYORS 7135 MINSTREL WAY · COLUMBIA, MD 21045 · (410) 381-7500 BALT. · (301) 621-8100 WASH.		
DESIGNED	SCOTT B. SACKETT	SCALE
DRAWN	3712 PARK OVERLOOK COURT REVISION PLAT LOT 20	1" = 50'
CHECKED	BENSON BRANCH ESTATES LOTS 20 AND 21	DRAWING
DATE	A Resubdivision of Lots 14 and 15, Benson Branch Estates Plat No. 2134	JOB NO.
FOR:	THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO.
8-5-97	TRINITY HOMES 6212 Devon Drive Columbia, Md. 21044	35-182-0