

11/29/99 G.O.

ASAP

11-30-99 8.0 am.

12/17/99 Pump
10am Test

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 5/3/47

A 50709-A

DISTRICT _____

DATE 11-23-99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~

410-313-2640

DATE SYSTEM APPROVED 12/17/99

INSPECTOR *[Signature]*

327787

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION Parkside LOT 22 ROAD 1836 Quarterhorse Court

PROPERTY OWNER Covenant Homes

ADDRESS P.O. Box 1713 Ellicott City, Maryland 21041

TOP SEAMED SEPTIC TANK
SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

PUMPED SEPTIC SYSTEM REQUIRED

INSTALL: 1-1250 GALLON TOP SEAMED PUMP CHAMBER

- NOTES:
- Septic pump detail to be provided by installer prior to issuance of septic permit.
 - Pump performance test is necessary prior to Health Department approval of pumped septic system.

SEPTIC SYSTEM LAYOUT INSPECTION REQUIRED PRIOR TO START OF TRENCHES

TRENCHES - Trench to be 3.0 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 349.75 and 470.00 lot lines, begin trenches 30 feet up the 349.75 lot line and 10 feet off that same lot line. Run trenches on contour.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 11/4/99 *A McMillen*

PLANS APPROVED BY Amy Mc Millen DATE 06-16-99

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) AND RETURNED 11-10-99

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

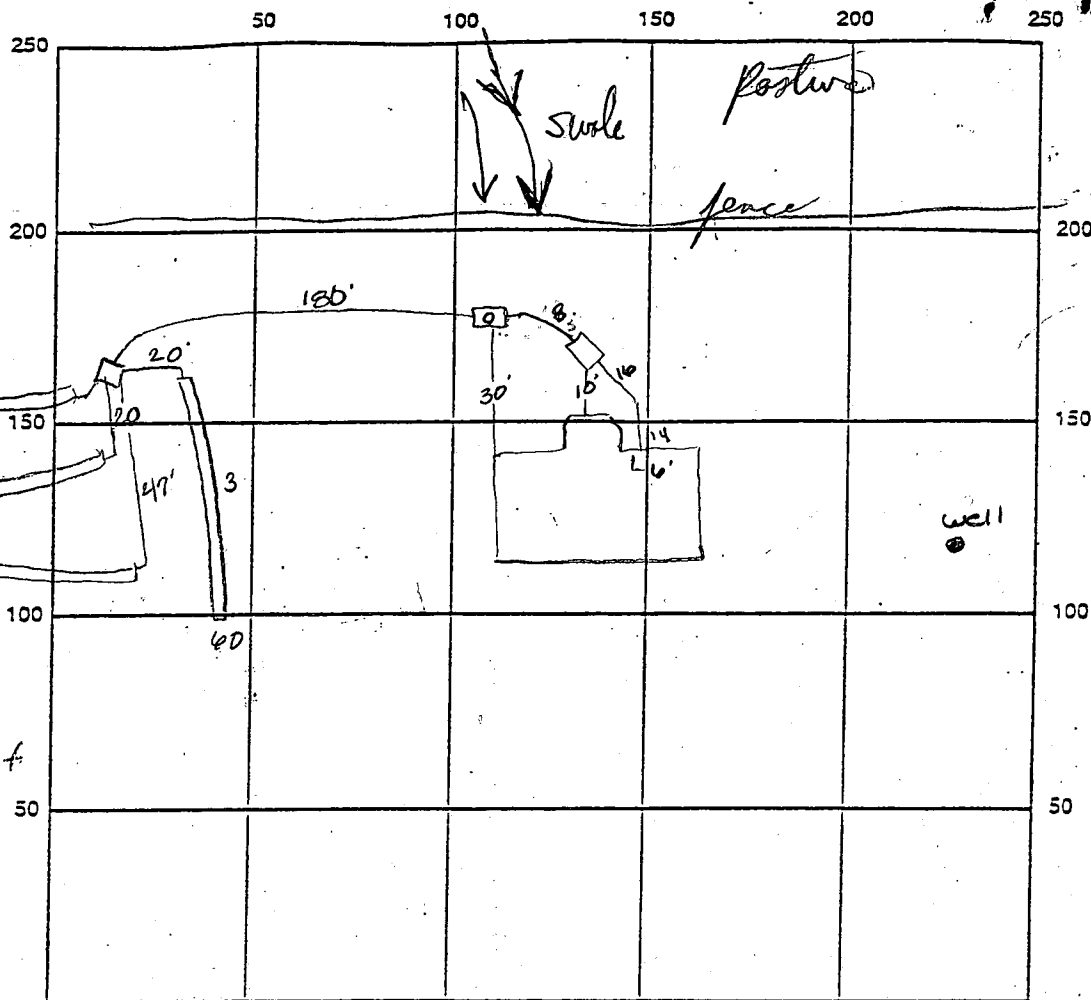
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

30'
long
4' stone
3' wide



45
41/80
16
20

3

60 linear ft
41/80
4
16
30
8
120

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gal x 2 top sealed

CLEANOUTS manhole OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 1 2 3 4 FT.

TRENCH WIDTH 1 2 3 4 FT.

INLET DEPTH 1 2 3 4 FT.

EFFECTIVE GRAVEL DEPTH 1 2 3 4 FT.

TOTAL LENGTH 224 FT.

1 2 3 4
180 180 180 200
3.0' wide credit
4.0' stone 3.0' bottom
plus 2.0'
side bot
5' total
over 40'

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA

SQ. FT.

DRYWALL INSIDE DIAMETER FT.

EFFECTIVE DEPTH BELOW INLET 1 2 3 4 FT.

740
total

ABSORBENT AREA SQ. FT.

REMARKS: Place dist box in high area - off rear property line - 10' - Trenches on
contour all 12/1/99 OK to cover all work - pump performance test needed at
Swale drains between S.T. & P.C. - Need to hydrolic cement seal manhole risers

on P.C. & S.T. to insure surface runoff does not empty into these chambers. Also pump unit OK

OK to Oper Dist Box - Need to fix bad connection on Check Valve R/R 12/17/99 Near Check Valve + Sealing in Manhole risers OK R/R 12/17/99

12/1/99 WPI - 4.0' below grade - casing 1.5' above - 2 piece cap, conduit > 18" below

DATE SYSTEM APPROVED 12/17/99

INSPECTOR R. P. Kirby

All

APPLICATION

PERCOLATION TESTING

A A50709

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 5-24-95

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 Craig and Christina Carlson

ADDRESS 1830 Quarterhorse Dr Woodstock PHONE 410 461 3384

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS N/A PHONE N/A

PROPERTY LOCATION:

SUBDIVISION Parkside LOT NO. 11 Lot 1

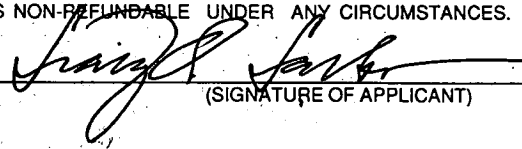
ROAD AND DESCRIPTION Quarterhorse Drive, behind house located at 1830
Quarterhorse Drive, Down ^{the} hill, middle lot.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3 plus acres 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 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

A50709

COUNTY #

SOIL PROFILE

A B

0' red
beigh
Sa 1m

3' oran g
brown
Si 1m

8' 1g+
white
brn
Sa 1m
decayed
white
Sandstone
OK

13'

D C

no
distinct
clay
layer

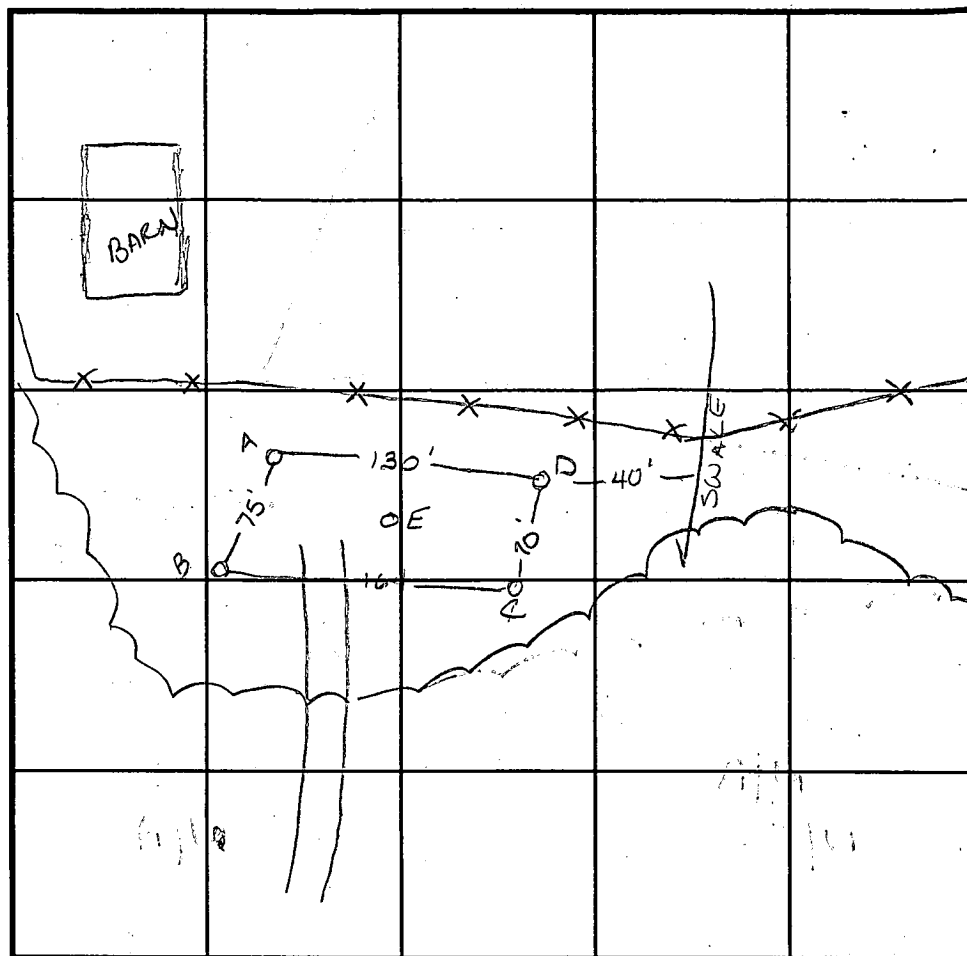
1g+
orange
brn
Sa 1m
Very
coarse

E

Looks
like
D & C
but
hard
bottom
at 10.5'
20%
large
frag
rock at
8'

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-25-95	A	4.5' / $\sqrt{13'}$	10:14 ³⁰	10:15	10:15	10:16	1 min
	A	repour	10:16 ⁴⁵	10:18 ¹⁵	10:18 ¹⁵	10:20 ¹⁵	2 min
	B	4.5' / $\sqrt{12'}$	10:23	10:32	10:32	10:52	20 min
	D	4' / $\sqrt{12.5'}$	10:43	10:44	10:44	10:45 ³⁰	1 1/2 min
	D	8' / $\sqrt{12.5'}$	10:39 ¹⁵	10:39 ⁴⁵	10:39 ⁴⁵	10:40 ³⁰	45 sec
	D	repour	10:40 ³⁰	10:42	10:42	10:44 ³⁰	2 1/2 min
	C	4' / $\sqrt{12'}$	10:47 ³⁰	10:49 ³⁰	10:49 ³⁰	10:52 ³⁰	2 1/2 min
	E	Visual	—	—	—	—	OK

hard
bottom
12'REMARKS pump system only

TYPE OF SOIL _____

TESTED BY Amy McMillenALSO PRESENT Mr CarlsonTRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 min TRENCH WIDTH 23INLET DEPTH 3.5 MAXIMUM BOTTOM DEPTH 5.5 SQ. FT/BEDROOM 210

04696

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE TYPE

WELL IS COMPLETED

COUNTY
NUMBER A 50709

ST/CO USE ONLY
DATE Received
MM DD YY
8 13

DATE WELL COMPLETED
MM DD YY
10-11-99

Depth of Well
22 145' 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-94-2310

OWNER
Covenant Homes

STREET OR RFD
1836 QUARTER HORSE DR.

TOWN
WOODSTOCK

SUBDIVISION
PARKSIDE

SECTION

LOT
22

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	
Brown Soil	0	20	
Gray Granite	20	65	
HARD TAN Sandstone	65	75	
HARD Gray Granite	75	145	

50 ✓
90 ✓
120 ✓

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

YES ☒ NO ☐

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 9 NO. OF POUNDS 816

GALLONS OF WATER 54 gals

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 25 ft.

(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST
STEEL

PL
PLASTIC

CO
CONCRETE

OT
OTHER

MAIN
CASING
TYPE
PL

Nominal diameter
top (main) casing
(nearest inch)
06

Total depth
of main casing
(nearest foot)
25

60 61 63 64 66 70

OTHER CASING (if used)

diameter depth (feet)

inch from to

EACH CASING

SCREEN RECORD

screen type
or open hole

insert
appropriate
code
below

ST
STEEL

PL
PLASTIC

BR
BRASS

OT
OTHER

HO
OPEN
HOLE

DEPTH (nearest ft.)

25 145

8 9 11 15 17 21

23 24 26 30 32 36

38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN (NEAREST
INCH)

56 60

from to

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min.) 6

METHOD USED TO
MEASURE PUMPING RATE watch & bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30 ft.

WHEN PUMPING 84 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 INSTALLED 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,O)
IN BOX 29.

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

- below 2 (nearest foot)

50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURES
AND INDICATE NOT LESS THAN
TWO DISTANCES
(MEASUREMENTS TO WELL)

DRILLERS LIC. NO. MW D 355

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MW D 549

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

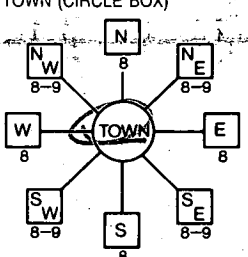

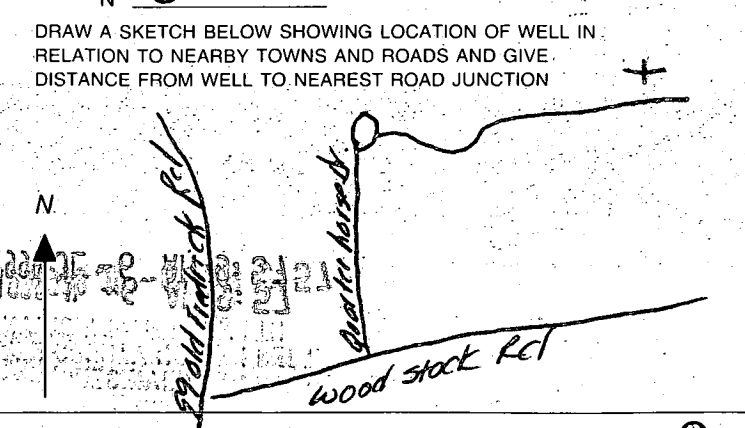
GRAVEL PACK
IF WELL DRILLED
WAS FLOWING WELL
INSERT F IN BOX 68

MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

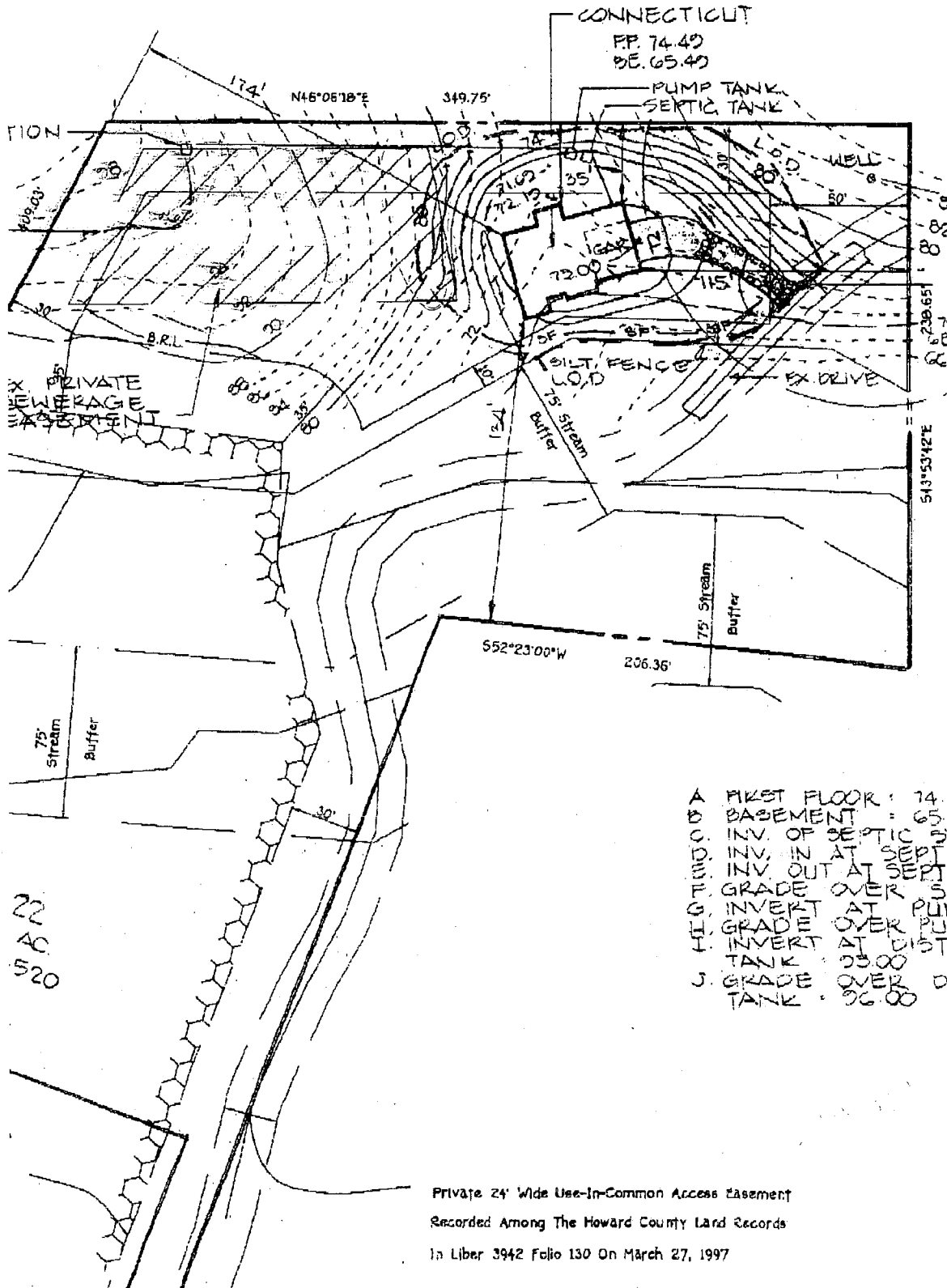
T (E.R.O.S.) W Q

70 72 74 75 76

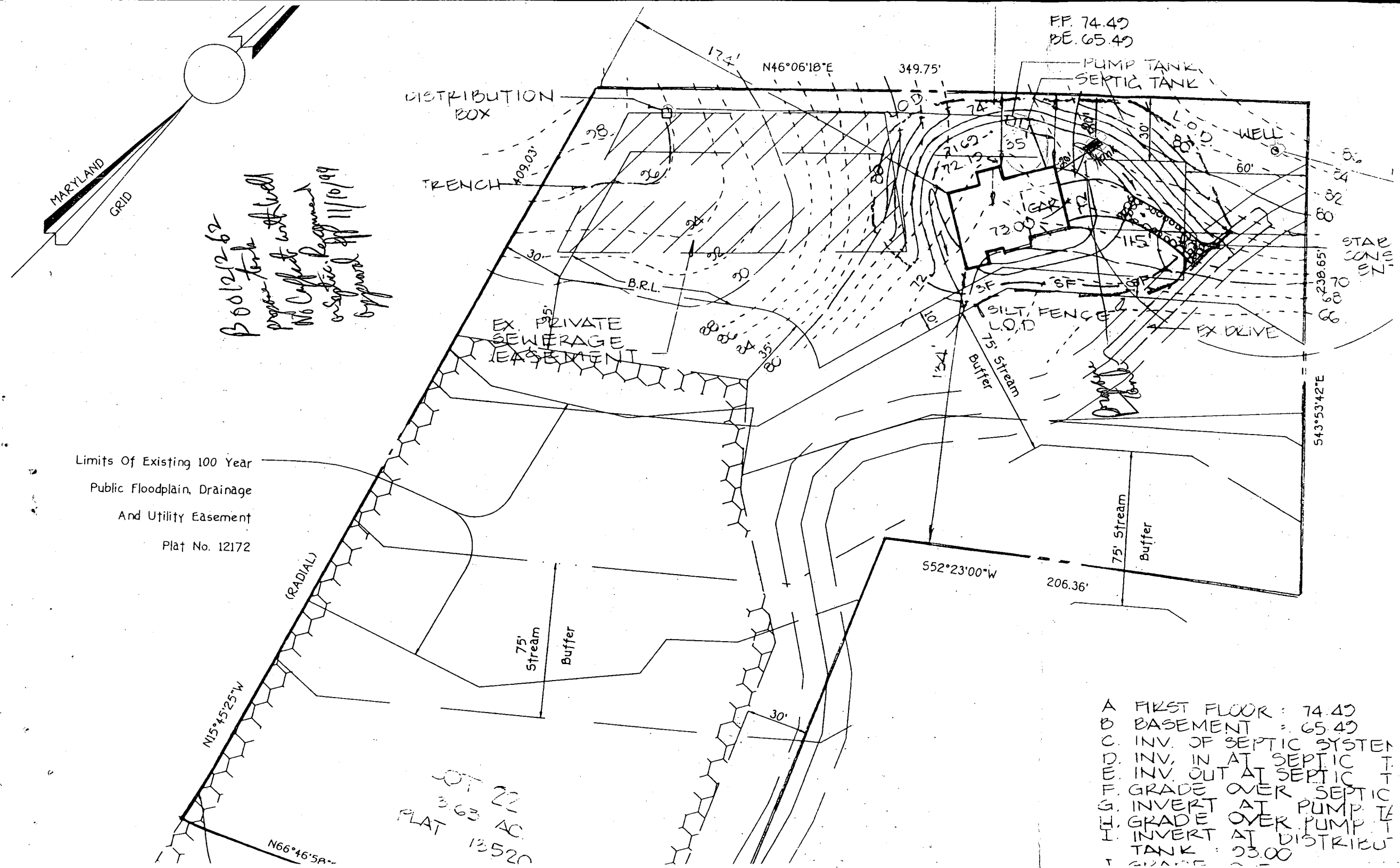
TELESCOPE CASING LOG INDICATOR OTHER DATA

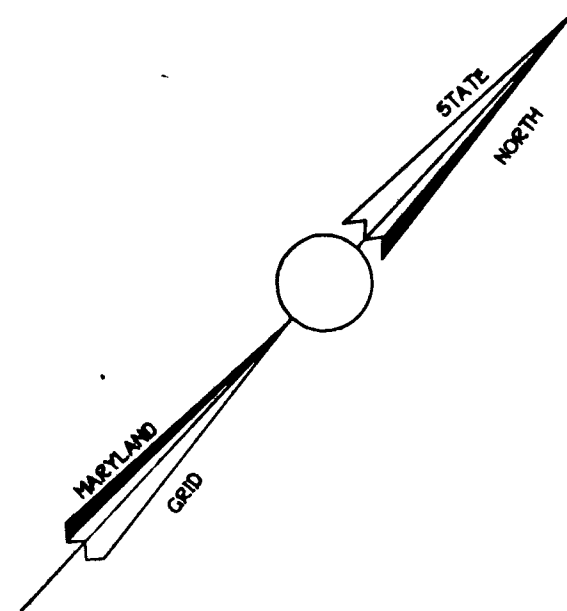
B 1 1 2 3 4 5 6 16640	SEQUENCE NO. (MDE USE ONLY) 070699	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-2310 <small>fill in this form completely</small>
Date Received (APA) 070699 <small>8 MM DD YY 13</small> Covenant Homes <small>15 Last Name 34 Owner First Name</small> 10 Box 1713 <small>36 Street or RFD 55</small> Ellicott City Md 21041 <small>57 Town 70 State 72 Zip 76</small>		B 3 LOCATION OF WELL Howard <small>8 COUNTY 21</small> Parkside <small>23 SUBDIVISION 42</small> SECTION 44 <small>46</small> LOT 22 <small>48 50</small> Woodstock <small>52 NEAREST TOWN 71</small> MILES FROM TOWN (enter 0 if in town) 0 <small>73 M I 76 77 78</small>	
DRILLER INFORMATION Michael Barlow MW D355 <small>Driller's Name 76 License No. 81</small> Michael Barlow Well Drilling <small>Firm Name</small> 912 Fawn Ct Joppa 21085 <small>Address</small> [Signature] 6/23/99 <small>Signature Date</small>		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION <small>1 2</small> APPROX. PUMPING RATE 5 <small>(GAL. PER MIN.) 8 12</small> AVERAGE DAILY QUANTITY NEEDED 500 <small>(GAL. PER DAY) 14 20</small>		11 30 1836 Quarter Horse Rd <small>NEAR WHAT ROAD</small> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 1000 37 <small>DISTANCE FROM ROAD</small> ENTER FT OR MI ft <small>38 39</small> TAX MAP: _____ BLK: _____ PARCEL: _____	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING <input type="checkbox"/> PUBLIC WATER SUPPLY WELL <input type="checkbox"/> TEST, OBSERVATION, MONITORING <input type="checkbox"/> GEO-THERMAL		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard Co A50709 <small>COUNTY NAME COUNTY NO.</small> STATE SIGNATURE _____ INSERT S → DATE ISSUED 070699 A M Miller 070600 <small>43 MM DD YY 48 CO SIGNATURE EXP. DATE</small> NORTH GRID 540 000 EAST GRID 830 000 <small>50 55 57 63</small>	
APPROXIMATE DEPTH OF WELL 200 FEET <small>24 28</small> APPROXIMATE DIAMETER OF WELL 6 INCH <small>NEAREST INCH</small>		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 830 N 540 000 X 000	
METHOD OF DRILLING (circle one) BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> 30 AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input checked="" type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> 37 CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT <input type="checkbox"/> other _____		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 _____ G A P 63 PERMIT No. HO-94-2310 <small>70 71 72 73 74 75 76 77 78 79</small>	
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>			

7/6/99
Well site 012
as shown
A



- A FIRST FLOOR : 74
- B BASEMENT : 65
- C INV. OF SEPTIC TANK
- D INV. IN AT SEPTIC TANK
- E INV. OUT AT SEPTIC TANK
- F GRADE OVER SEPTIC TANK
- G INVERT AT PUMP TANK
- H GRADE OVER PUMP TANK
- I INVERT AT CISTERN
- J GRADE OVER CISTERN
- K GRADE OVER CISTERN





11/17/99
House
location moved
slightly but it moved
away from SDA - OK
A

Limits Of Existing 100 Year
Public Floodplain, Drainage
And Utility Easement
Plat No. 12172

Existing Forest
Conservation Easement
Plat No. 12172

Private Use-In-Common Access Easement And Maintenance Agreement
For Lots 19, 21, and 22 Recorded Among The Howard County Land Records
of Howard County, Maryland

BREEZEWOOD FARMS
SECTION 4
PLAT No. 3350
LOT 10

BREEZEWOOD FARMS
SECTION 4
PLAT No. 3350
LOT 9

BREEZEWOOD FARMS
SECTION 4
PLAT No. 3350
LOT 7

PARKSIDE
PLAT No. 9682
LOT 12

QUARTER
HORSE DRIVE
(EXISTING 50' R/W)
(PLAT No. 9682)

R = 50.00'
L = 25.79'

N46°06'18"E 349.75'

LOT 22

SEE
DETAIL

541°36'40"E 53.29'

N53°53'55"E 143.00'

541°36'40"E 53.29'

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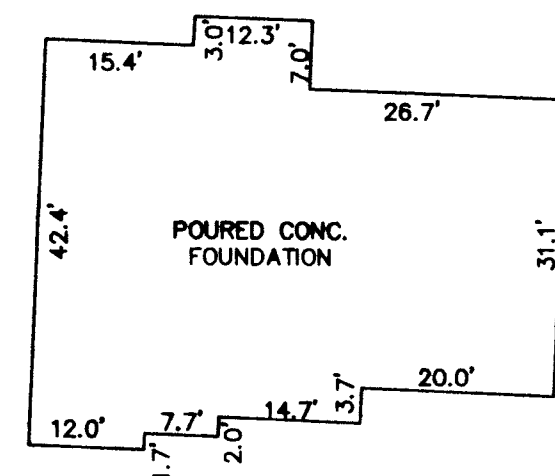
541°36'40"E 53.29'

541°36'40"E 53.29'

541°36'40"E 53.29'

EXISTING
100 YEAR FLOODPLAIN,
PUBLIC DRAINAGE & UTILITY
EASEMENT TABULATION
PLAT NO. 12172

COURSE SYMBOL	BEARING AND DISTANCE
1	S33°35'27"E 33.02'
2	N28°00'40"E 37.10'
3	N47°28'02"E 146.95'
4	N47°28'02"E 34.78'
5	N07°08'13"W 20.66'
6	N40°11'33"E 76.58'
7	N71°32'52"E 93.08'
8	N06°32'51"E 27.28'
9	N58°12'22"E 60.29'
10	N40°41'29"E 60.93'
11	N23°13'02"W 32.47'
12	N52°23'00"E 206.38'
13	N43°53'42"W 72.67'
14	N47°58'06"E 27.00'
15	N74°20'54"E 9.31'
16	S26°29'42"W 61.60'



GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044 0010 B, EFFECTIVE DATE: DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (4).

WALL
CHECK

B.R.L.-BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL - QUARTER OFFICE PARK - 10277 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461-2955

FCC *70916H LOT22.DWG

STATE OF MARYLAND
CHARLES J. CROOKS
PROFESSIONAL LAND SURVEYOR
No. 10763
EXPIRATION DATE 12/31/99

DATE 7/21/99
DRAWN BY L.P.C.
CHECKED BY C.C.
PROJECT No. 70916

HOUSE LOCATION
DRAWING

FOUNDATION LOCATION: 7/20/99
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=60'
DATE: 7/21/99
DRAWN BY: L.P.C.
CHECKED BY: C.C.
PROJECT No.: 70916

COORDINATE TABLE

POINT	NORTH	EAST
211	543994.129	832741.557
212	543822.512	832906.678
213	543696.554	832743.217
214	543009.780	833037.809
215	542894.362	832775.425
336	543751.993	832489.175
337	542905.723	832727.957

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS

DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOTS 21 AND 22. ANY CONVEYANCES OF THE FORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEEDS CONVEYING SAID LOTS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENTS, UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEEDS OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.

EXISTING 100 YEAR FLOODPLAIN, PUBLIC DRAINAGE & UTILITY EASEMENT TABULATION PLAT NO. 12172

COURSE SYMBOL	BEARING AND DISTANCE
1	S35°35'27"E 33.02'
2	N28°00'40"E 97.10'
3	N47°56'06"E 146.95'
9	N47°28'02"W 34.78'
10	N07°08'13"W 20.66'
11	N40°11'33"E 78.58'
12	N71°32'52"E 93.08'
13	N86°32'51"E 27.28'
14	N58°12'22"E 68.29'
15	N40°41'29"E 60.93'
49	N23°13'02"E 32.47'
50	N52°23'00"E 206.36'
51	N43°53'42"W 72.67'
53	N47°56'06"E 27.00'
54	N74°20'54"E 9.31'
55	S26°29'42"W 61.60'

AREA TABULATION

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	6.632 AC.
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	0.000 AC.
TOTAL AREA OF LOTS TO BE RECORDED	6.632 AC.
TOTAL AREA OF ROADWAY TO BE RECORDED	0.000 AC.
TOTAL AREA TO BE RECORDED	6.632 AC.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

ETERNAL SQUARE OFFICE PARK - 10212 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 481-2855

J:\Drawings\70916\70916 Resubdivision Lot 18

OWNER & DEVELOPER

MARK L. AND AMY SANTANGELO
1830 QUARTERHORSE DRIVE
WOODSTOCK, MARYLAND 21163

MINIMUM LOT SIZE CHART

LOT No.	GROSS AREA	PIPESTEM AREA	REMAINING AREA
22	3.632 AC.	0.352 AC.	3.280 AC.

CURVE DATA TABULATION

PT. - PT.	RADIUS	ARC LENGTH	DELTA	TANGENT	CHORD BEARING AND DISTANCE
215 - 337	50.00'	50.99'	58°26'00"	27.96'	N76°32'23"W 48.81'

6-25-98
The final plat is revised to depict a 5' setback in the BRL to the stream buffer rather than the required 35'. No objection to this WP98-139. It also shows Lot 21 to be larger than shown on the approved perc. cert. - also a revised perc. cert. was submitted - w/ no deletion of the H.O. signature. Lot line change OK but not OK to change documents after they have been signed w/o taking the signature off the document.

21. Open Space Requirements are Being Addressed by Payment of a Fee - in-Lieu of Open Space in the Amount of \$1,500.00 to the Department of Recreation and Parks.

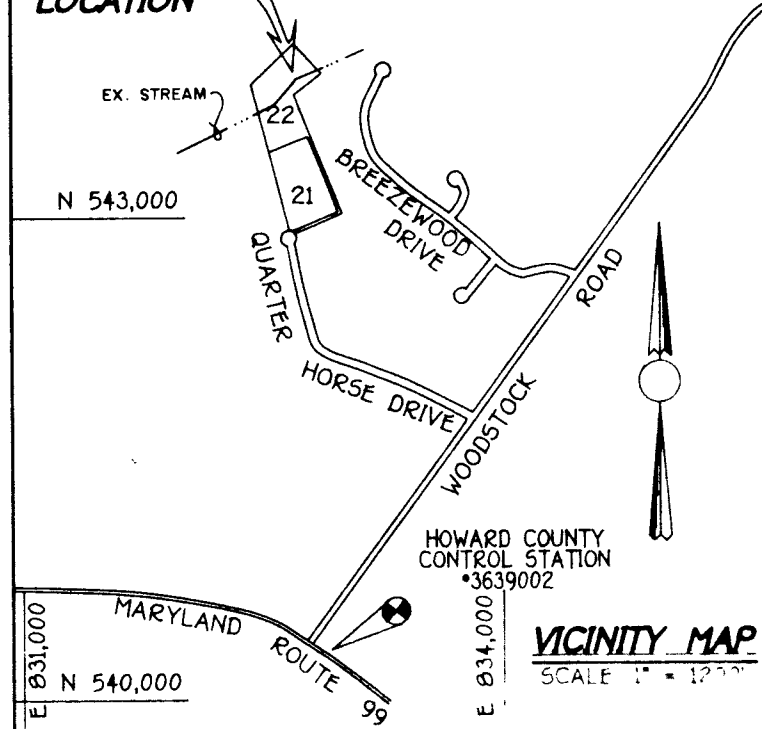
THE REQUIREMENTS §3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1980 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR No. 10692
DATE 3/12/98

MARK L. SANTANGELO (OWNER)
DATE 3/12/98

AMY SANTANGELO (OWNER)
DATE 3/12/98

SITE LOCATION



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 As Required By The Maryland State Department Of The Environment.
- Subject Property Zoned R-C Per 10/18/93 Comprehensive Zoning Plan.
- Coordinates Based On NAD '27, Maryland Coordinate System As Projected By Howard County Geodetic Control Stations No. 3540003 And No. 3639002. (Which Is The Basis For Parkside Plat No. 9683)
- This Plat Is Based On Field Run Monumented Boundary Survey Performed On Or About September, 1989, By Fisher, Collins And Carter, Inc.
- B.R.L. Denotes Building Restriction Line Established By Zoning.
- 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 Of Stone Found.
- Denotes Existing Centerline Of Stream.
- Denotes Approximate Elevation Of 100 Year Flood Level.
- 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:
 - Width - 12 Feet (18 Feet Serving More Than One Residence)
 - Surface - Six (6") Inches Of Compacted Crusher Run Base With Tar And Chip Coating. (1- 1/2" Minimum)
 - Geometry - Maximum 15% Grade, Maximum 10% Grade Change And 45-Foot Turning Radius.
 - Structures (Culverts/Bridges) - Capable Of Supporting 25 Gross Tons (H25-Loading).
 - Drainage Elements - Capable Of Safely Passing 100 Year Flood With No More Than 1 Foot Depth Over Driveway Surface.
 - Structure Clearances - Minimum 12 Feet.
 - 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.
- 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 (±).
- Plat Is Subject To Prior Department Of Planning And Zoning File Nos. 588-110, PB9-09, F90-63, WP 89-11 And F96-47.
- Existing House On Lots 21 To Remain. No New Buildings, Extensions Or Additions To The Existing Dwelling To Be Constructed At A Distance Less Than The Zoning Regulations Allow.
- Denotes Public Forest Conservation Easement. The Forest Conservation Easement Has Been Established To Fulfill The Requirements Of Section 16.1200 Of The Howard County Code Forest Conservation Act. No Clearing, Grading Or Construction Is Permitted Within The Forest Conservation Easement; However, Forest Management Practices As Defined In The Deed Of Forest Conservation Easement Are Allowed.

THE PURPOSE OF THIS PLAT IS TO RESUBDIVIDE BUILDABLE LOT NO. 18, PARKSIDE SUBDIVISION, (PLAT NO. 12172) INTO BUILDABLE LOT NOS. 21 AND 22.

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

HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

DIRECTOR DATE

OWNER'S CERTIFICATE

MARK L. SANTANGELO AND AMY SANTANGELO, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION; AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION. WITNESS OUR HANDS THIS 3RD DAY OF MARCH 1998.

Mark L. Santangelo
MARK L. SANTANGELO

AMY SANTANGELO

Wanna K. Yellon
WITNESS

Wanna K. Yellon
WITNESS

SURVEYOR'S CERTIFICATE

I Hereby Certify That The Final Plat Shown Hereon Is Correct; That It Is A Subdivision Of (1) All Of The Property Conveyed By Craig A. Carlson And Christina L. Carlson To Mark L. Santangelo And Amy Santangelo, His Wife, By Deed Dated March 27, 1997 And Recorded Among The Land Records Of Howard County, Maryland In Liber No. 3942 At Folio 143; Said Property Also Being Lot No. 11 As Shown On A Plat Entitled "Parkside, Lots 5-17 (A Resubdivision Of "Bracciale Property, Lots 1, 2, 3 And 4, Plat Nos. 6524, 6525 And 6526) Which Is Recorded Among The Aforesaid Land Records As Plat No. 9683; And Property Also Being Lot No. 18 As Shown On The Plat Entitled "Parkside - Lots 18, 19 And 20" And Recorded As Plat No. 12172; And That All Monuments Are In Place Or Will Be In Place Prior To The Acceptance Of The Streets In The Subdivision By Howard County, Maryland, As Shown, In Accordance The Annotated Code Of Maryland, As Amended, And Monumentation Is In Accordance With The Howard County Subdivision Regulations.

TERRELL A. FISHER, PROFESSIONAL LAND SURVEYOR No. 10692
DATE 3/12/98

RECORDED AS PLAT No. ON AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

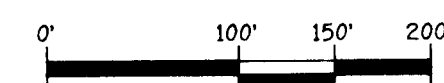
PARKSIDE LOT Nos. 21 AND 22

(A RESUBDIVISION OF LOT NO. 18 - "PARKSIDE, LOT NOS. 18, 19 AND 20", PLAT NO. 12172)

ZONING: "RC"

TAX MAP No. 10 PART OF PARCEL *36 GRID 23

THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND



Scale: 1" = 100'

DATE: OCTOBER 16, 1997
SHEET 1 OF 1

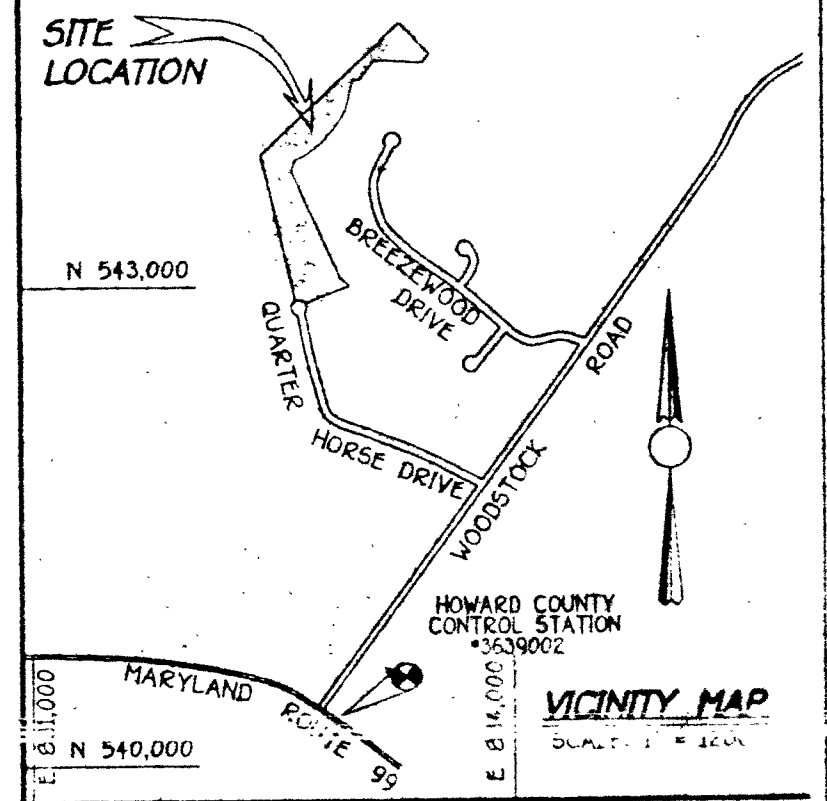
KEEP IN FILE

COORDINATE TABLE

POINT	NORTH	EAST
141	54434.664	83141.705
142	54435.526	83160.239
143	54436.026	83170.198
144	54436.172	83180.564
145	54437.501	83199.329
146	54438.144	83197.142
147	54438.077	83161.614
148	54438.526	83146.888
149	54439.459	83165.769
150	54439.011	83191.262
151	54439.012	83207.709
152	54439.945	83214.001
153	54439.949	83219.177
154	54440.711	83217.951
155	54440.711	83217.951

CURVE DATA TABULATION

PT. - PT.	RADIUS	ARC LENGTH	DELTA	TANGENT	CHORD BEARING AND DISTANCE
337 - 338	50.00'	71.57'	92°00'42"	4.47'	564°45'03"E 65.61'



GENERAL NOTES:

1. 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 ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
3. (W) DENOTES WELL LOCATION.
4. (X) DENOTES PROPOSED HOUSE.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
6. (•) DENOTES FIELD LOCATION OF PERC HOLE.

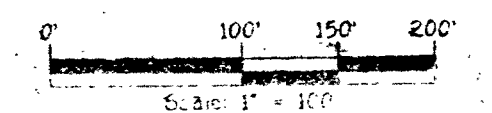
MINIMUM LOT SIZE CHART

LOT NO.	GROSS AREA	PISTON AREA	CLIPPING AREA	100 YEAR FLOODPLAIN	1.25% SLOPES	MINIMUM LOT SIZE
18	6,306 AC.	2,770 AC.	5,141 AC.	4,700 AC.	4,700 AC.	4,700 AC.
19	5,474 AC.	2,185 AC.	4,601 AC.	4,183 AC.	4,183 AC.	4,183 AC.

REVISED
11/19/96

PERC CERTIFICATION PLAN PARKSIDE LOTS 18 - 20

(A RESUBDIVISION OF LOT NO. 11 -
PARKSIDE, LOTS 5 - 17, PLAT NO. 9603)
ZONING: "RC"
TAX MAP NO. 10 - PART OF PARCEL #35
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



DATE: AUGUST 17, 1995
SHEET 1 OF 1

OWNER AND DEVELOPER

CRAIG A. CARLSON
AND
CHRISTINA L. CARLSON
1630 QUARTERHORSE DRIVE
WOODSTOCK, MARYLAND 21163

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE
SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature]
COUNTY HEALTH OFFICER
DATE: 2/18/96

FISHER, COLLINS & CARTER, INC.
ENGINEERING CONSULTANTS & LAND SURVEYORS
1000 WOODBRIDGE AVENUE
FARMERSVILLE, MARYLAND 21048
TEL: 410-326-1234