

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513191

A 512746

DISTRICT \_\_\_\_\_

DATE 12/23/1999

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 1/14/00

INSPECTOR DLS

**INDEXED**

S K Backhoe & Septic Service IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 1220 Francis Scott Key Hwy, Keymar, MD 21757 PHONE 301-899-0955

SUBDIVISION Farside LOT 62 ROAD 11703 Laurel Oak Court

PROPERTY OWNER Trinity Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS - TOP SEAMED COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS 5 *OK TO INSTALL 2 PIECE NON-COMPARTMENT TANK*

180 SQUARE FEET PER BEDROOM CW

LINEAR FEET OF TRENCH REQUIRED 225 (210) OK

TRENCHES - 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 \* Place the distribution box 200 feet down the right lot line and 120 feet off that lot line. Run trenches along contour in both directions.

NOTES - 5 trenches @ 45 feet each recommended as "best use" of available area. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK ALL*

AMMENDED -> \*DBOX LOCATION MOVED 15' TO GET 4-4 1/2" INLET, RUN 3-50' TRENCHES TOWARDS THE 469.8' LOT LINE AND 1-60' TRENCH TOWARDS HOUSE. *(SRK/ALM)*

PLANS APPROVED BY C. Williams DATE 12-17-1999

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

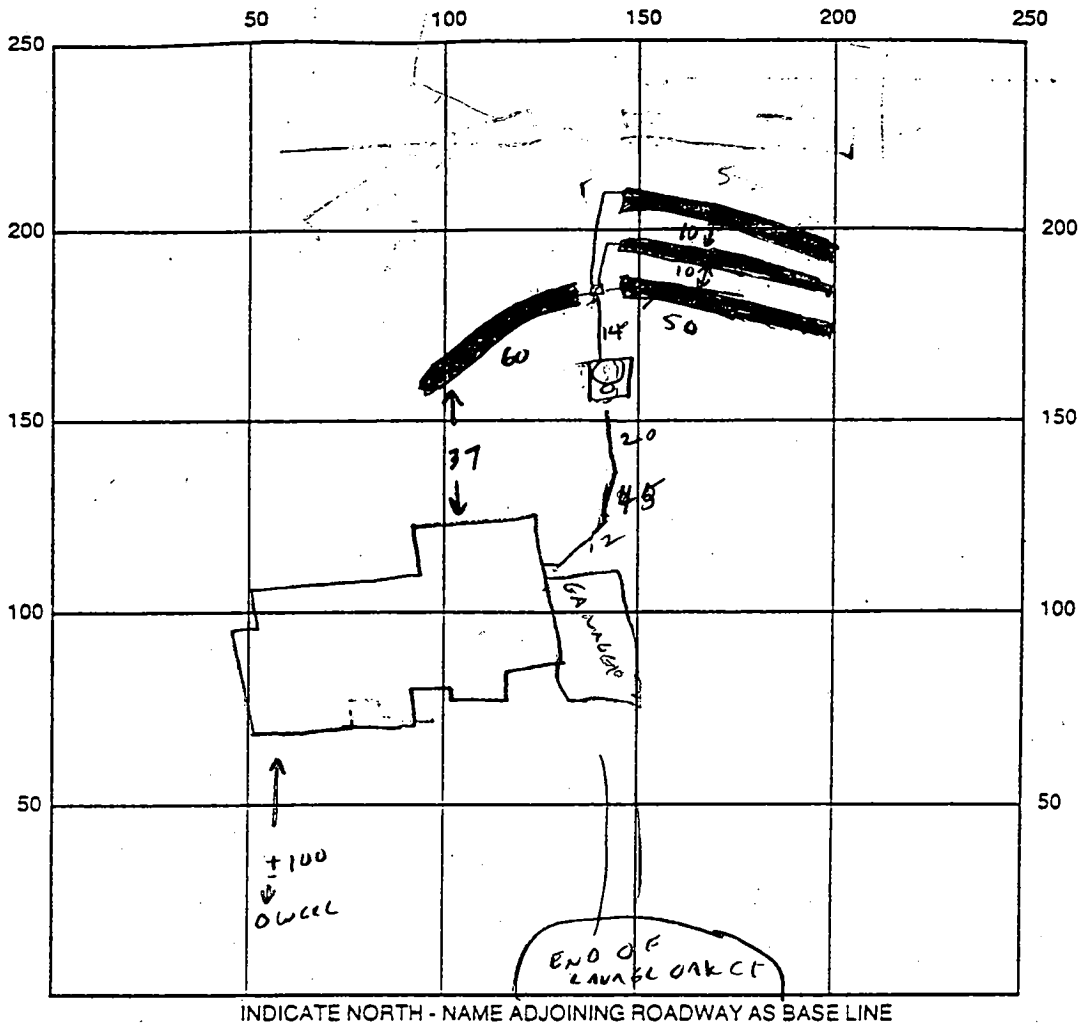
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

512746

NOT TO SCALE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS one on s.t. manhole on s.t.  
 DISTRIBUTION BOX LEVEL OK  
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 210 FT.  
 NUMBER OF TRENCHES 4 <sup>1 @ 60'</sup> <sub>3 @ 50'</sub> ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.  
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.  
 ABSORBENT AREA — SQ. FT.

REMARKS: HOUSE SEWER LINE + UPPER 2 TRENCHES COMPLETE. 1/13/00 CW  
REMAINING TRENCHES COMPLETE 1/13/00 PM CW  
1/14/00 FINAL INSP - OK TO COVER ALL SEPTIC WORK. DKS

1/14/00 WPI - Well line, P.A. 4.5' below grade; well casing 1.5' above grade; 2 pc cap OK; PVC conduit to be 18" big. then OK TO COVER.  
 DATE SYSTEM APPROVED 1/14/00 INSPECTOR [Signature] DKS

DRAINAGE ESMT

S82°59'45"E

751.33'

SEPTIC ESMT TO BE DELETED

62  
5.657 ACRES  
Approved Septic System Plan  
Howard County Health Department

B00120382 5 BR

(POST OR REVISION TO ACCOMMODATE BASEMENT SEWER SERVICE)

Signature

Date

\* BASEMENT WILL NOT SEWER BY GRAVITY ??  
BASEMENT ELEV. 380  
HOUSE SEWER INVERT

DRAINAGE ESMT

REVD SEPTIC ESMT  
12525.50 ±  
ELEV. 377.7

SEPTIC ESMT TO BE ADDED  
1500 GAL SEPTIC TANK  
INV. IN = 478.10  
INV. OUT = 477.8  
DISTRIBUTION BOX  
EX. GRD. = 480.80  
INV. = 476.80

Total linear feet of trench required 225 feet 210 OK

Width of trench (as) 2 feet

Depth of trench (as) 8 feet

Depth of stone required below distribution pipe 4 feet

ALM/SRK

N



7135

DESIGNER  
DM

DRAWN  
DSV

CHECKER  
DM

DATE

Cell: 410-984-2654 WTC

875-9771??

Pbrc Plot  
sent via  
STAN TUN 12/17/99

# APPLICATION

A 28408

P \_\_\_\_\_

## SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 1000 gallons

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P O BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

*Septic Tank* { 1-3 Bedrooms  
4 Bedrooms } DATE May 12, 1978  
1250 gallons

*Dry well to have ~~150~~ <sup>180</sup> sq. ft. effective*  
*absorbent sidewall area per bedroom below inlet.*  
*Inlet to be 4' below original grade and maximum*  
*depth 10'. Location per engineer's plat; 100' in from*  
*right property line and 180' down right property line from right*  
*front corner point when facing lot from court*

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.

*or if dry well and trench used need:*  
*(1) 5' earth buffer between*  
*dry well and trench.*

PROPERTY OWNER Woodmark, Inc.

ADDRESS 9267 Balto. Nat'l. Pike

PHONE 461-2889

PROPERTY LOCATION:

SUBDIVISION Farside

LOT NO. 18' #1

10/80  
NEW  
#62

ROAD AND DESCRIPTION Rt. 40 West to left on Rt. 144, left on Folly Quarter, left on  
Homewood, 1 mile to property on left

*(3) Run trench on contour*

SIZE OF LOT 3 plus acres

TYPE BLDG. 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT \_\_\_\_\_

APPROVED BY C. B. Streaker

FOR Dry Well 4/10

(KIND OF SYSTEM)

DATE 02/14/79

REJECTED BY \_\_\_\_\_

FOR \_\_\_\_\_

(KIND OF SYSTEM)

DATE \_\_\_\_\_

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

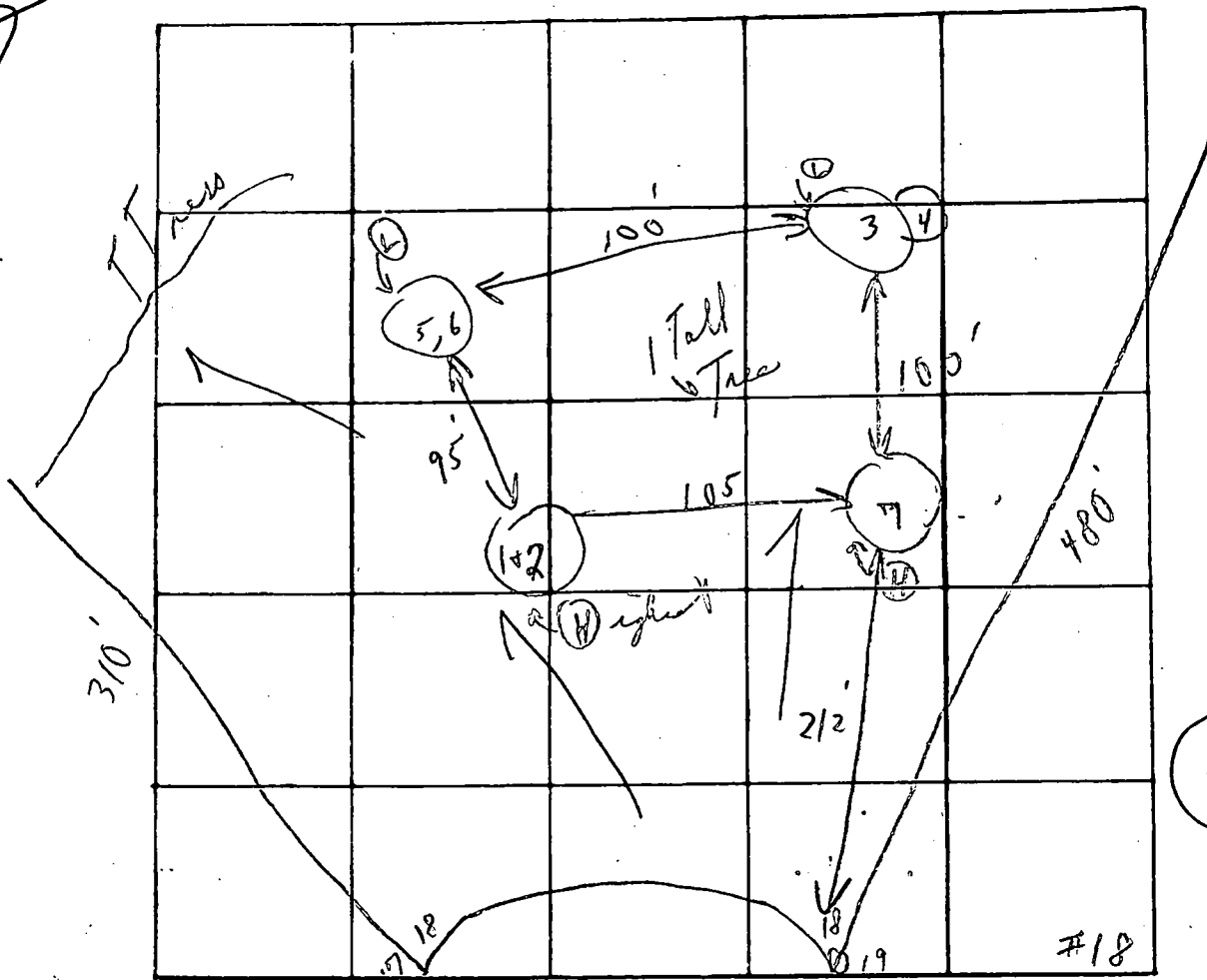
DATE \_\_\_\_\_

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

*Right Property Line being 469.81' in length.*

# THIS IS NOT A PERMIT

# 62  
17



Field sheet

17

Soil Profile  
Below  
clay  
loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/6/78	1	4'	2:02	2:03	2:03	2:04	1 in
	2	11 1/2'	2:02	2:05	2:05	2:08	3 in
	3	4'	2:07	2:08	2:08	2:10	2 in
	4	12'	2:07	2:09	2:09	2:11	2 in #
	5 } 6 } 7	3' 11' 11'	Visual		Loamy		4/8
			Visual		Loamy		
			Visual		Loamy		

Test  
per  
stake  
2 min avg  
Inlet 4"  
150 sq ft  
per bedrock

REMARKS Tested in area shown  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. B. & J. D. ALSO PRESENT: same as yesterday

# APPLICATION

PERCOLATION TESTING

A 512746

P \_\_\_\_\_

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

*Move SDA 1/3 to  
accommodate House site change.  
Test: Oct 26, 1999 Tuesday  
@ 1:30  
Rechedule to Oct 28 @ 3PM*

DISTRICT \_\_\_\_\_

DATE 10/11/99

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 John and Valerie Partner Trinity Builders

ADDRESS \_\_\_\_\_ PHONE 410-833-3911

AGENT OR PROSPECTIVE BUYER Lynn Corey Trinity Builders

ADDRESS 6212 Devon Drive Columbia PHONE 410-531-6444

PROPERTY LOCATION:

SUBDIVISION Farside LOT NO. 62

ROAD AND DESCRIPTION 11703 Laurel Oak

~~PERMITS~~

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

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD - 4 Bdr  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**AND RETURNED 10-27-99**  
**Serial # 10120382**  
**SFD - 4 Bdr**

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

COUNTY #

ALL HILES  
SOIL PROFILE

0'

3-4'

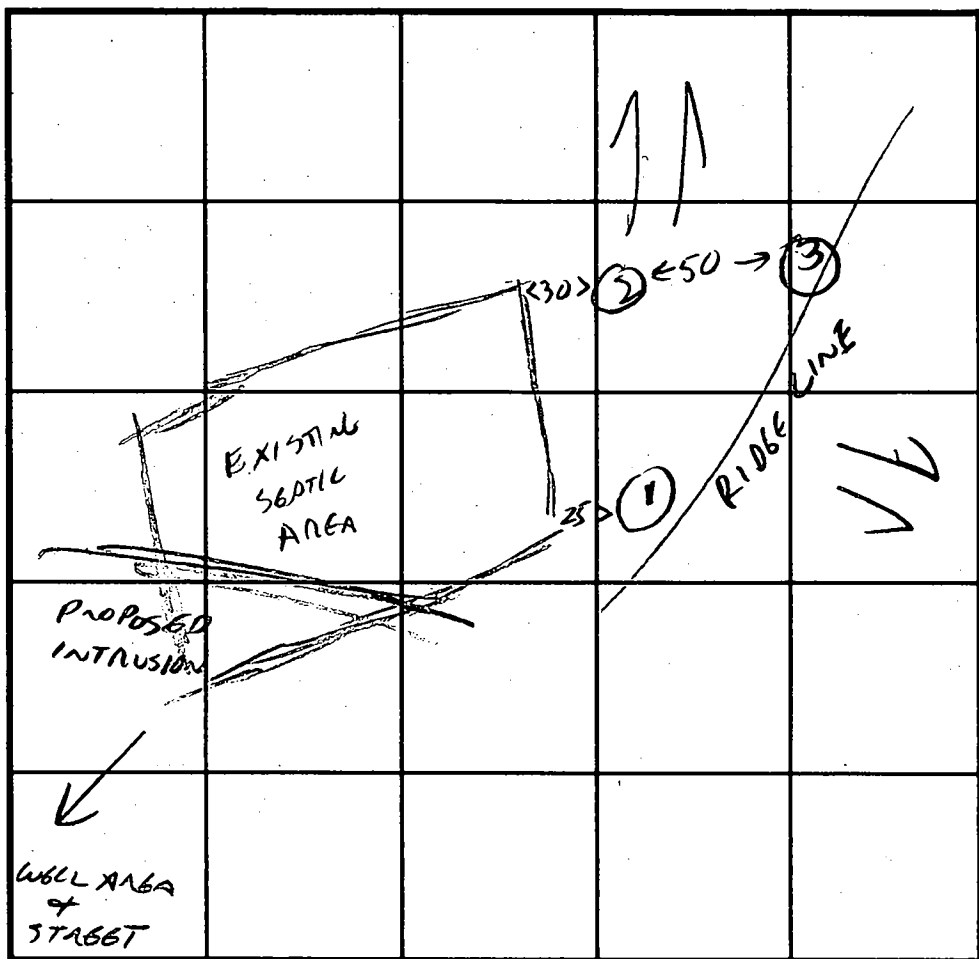
CLAY

MICA  
SILT  
LOAM  
5-10%  
SAPPHIRE

12-14'

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	
10/8/99	1	4	VIS OK	4-12			EST 2 MIN
		12					
	2	3'	VIS OK	3-12'			"
		12					
	3	3	VIS OK	3-14'			"
		14					

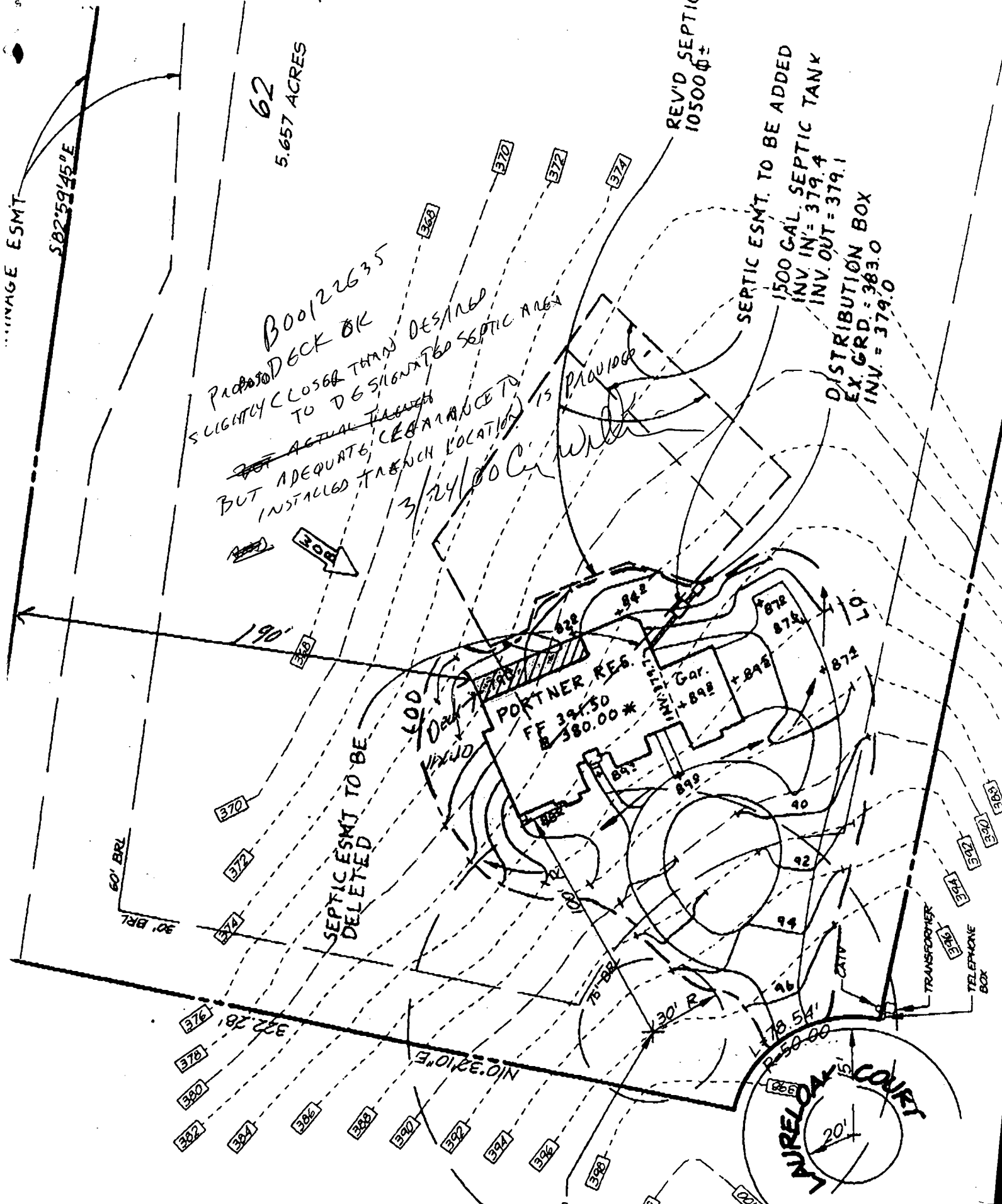
REMARKS ADJACENT PERCS 1978 SHOWED 1-3 MIN RATES 4-12' DEPTH

TYPE OF SOIL \_\_\_\_\_

TESTED BY CWILLIAMS / B BAKER ALSO PRESENT LYNN COVEY (TRINITY)

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 MIN TRENCH WIDTH 3'

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 210



62  
5.657 ACRES

PROVIDOR DECK OK  
SLIGHTLY CLOSER THAN DESIGNED  
TO DESIGNATED SEPTIC AREA

~~NOT~~ ACTUAL TRENCH  
BUT ADEQUATE CLEARANCE TO  
INSTALLED TRENCH LOCATION IS  
3/24/00 C. W. [unclear]

REV'D SEPTIC  
10500 G.P.

SEPTIC ESMT. TO BE ADDED  
1500 GAL. SEPTIC TANK  
INV. IN' = 379.4  
INV. OUT = 379.1

DISTRIBUTION BOX  
EX. GRD. = 363.0  
INV. = 379.0

SEPTIC ESMT. TO BE  
DELETED

PORTNER RES.  
FF 394.50  
B 380.00\*

MURELOAN COURT  
20' R

TRANSFORMER  
TELEPHONE BOX



RESOLVED  
REVISED P6NC PLAT  
& BO SITE PLAN OK  
12/17/99  
CW

HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

November 10, 1999

Lynn Covey  
c/o Trinity Builders  
6212 Devon Drive  
Columbia, Md.

12/2/99  
LYNN ADVISED  
TEST LOCATIONS  
DO NOT MATCH HEALTH  
DEPT LOCATIONS BUT  
IT IS ACCEPTED THAT  
ENGINEERS LOCATIONS  
ARE ACCURATE.  
BUT ONE HOLE IS  
MISSING & NEEDED  
TO JUSTIFY THE  
PROPOSED ADJUSTMENT.

Re: Percolation test results  
Lot 62 - Farside  
11703 Laurel Oak Court

Dear Mr. Covey,

Percolation testing was conducted October 8, 1999 at the above referenced property in order to provide for an elective adjustment to the recorded sewage disposal easement. Test results were satisfactory; a copy of those results is enclosed.

The area for potential adjustment was greater than originally anticipated, allowing the opportunity to free-up additional area to the rear of the house for potential future uses.

The building permit has already been released, but a percolation certification plan adjusting the septic area, and a revised septic system plan are required prior to issuance of the permit for septic system installation. These documents may be forwarded to my attention at this office at your earliest convenience.

Please feel free to contact me at this office if you have any questions regarding documentation requirements or any other aspect of this evaluation.

Yours truly,  
  
Craig Williams,  
Sanitarian

12/5  
LYNN  
P 410-407-2952  
C 410-984-2824  
CW

encl.

cc: Joey Ecker - CFS



HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3523-N Sillicott Mills Drive  
 Sillicott City, MD 21043  
 481-9033

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
 Receipt # \_\_\_\_\_ Date \_\_\_\_\_  
 Name of Installer S.K. Plumbing & Heating Inc. Telephone 410-775-0922

License Number 12285  
 Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber Yes

Name of Property Owner Trinity Homes Telephone 410-313-8722  
 Subdivision Forside Lot # 62 Well Tag # HO-94-2460  
 Site Address 11703 Laurel Oak Ct

**Pump**  
 1. Type  
 a. Deep well jet \_\_\_\_\_  
 b. Shallow well jet \_\_\_\_\_  
 c. Submersible Yes  
 2. Make Grundfos  
 3. Model # \_\_\_\_\_  
 4. Capacity 5 GPM  
 5. Pump exceeds well capacity Yes  No \_\_\_\_\_  
 6. Is Max. 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 None

**Motor**  
 1. Horsepower 1  
 2. RPM \_\_\_\_\_  
 3. Voltage  
 a. 110 \_\_\_\_\_  
 b. 220

**Pitless Adapter**  
 1. Make \_\_\_\_\_  
 2. Model # \_\_\_\_\_  
 3. Depth 42"

**Tank**  
 1. Capacity Well-tall 302  
 2. Pressure relief valve? Yes

**Piping**  
 1. Type P.E.  
 2. Size 1"  
 3. NSF and/or BOCA Code approved Yes  
 4. Depth of supply line 42"

**Well data**  
 1. Depth 406 ft.  
 2. Yield 15 GPM  
 3. Static water level 30 ft.  
 4. Will water supply be disinfected by installer? Yes

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: [Signature]  
 Date: 3-28-20

1/14/00-WPI OK (SRK)  
 DKS

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

C1 1997

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A512746

ST/CO. USE ONLY DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL 22 405 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94 2460

OWNER TBT Homes Inc. STREET OR RFD 11703 Laurel Oak Ct. TOWN Glenelg SUBDIVISION Farside SECTION LOT 62

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 16 NO. OF POUNDS 1800

CASING RECORD

MAIN CASING TYPE PL 6 50 OTHER CASING (if used) diameter depth (feet)

SCREEN RECORD screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) (O) (T) (O) (T)

Table with columns: E, A, C, H, S, C, R, E, N. Rows for depth intervals 8-11, 15-17, 23-26, 30-32, 38-41, 45-47, 51.

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 1.5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 45 ft. WHEN PUMPING 225 ft.

PUMP INSTALLED DRILLER INSTALLED PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible 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 ( ) below LAND SURFACE 2 (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS 0 WELL HYDROFRACTURED (Y) (N)

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.

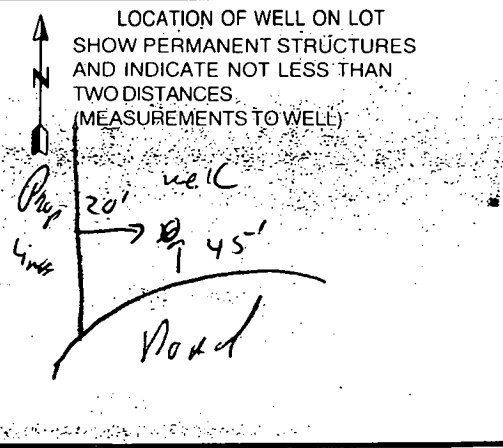
DRILLERS LIC. NO. M SD 116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. M SD 116

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

DEPTH (nearest ft.) 78 105 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

TELESCOPE CASING LOG INDICATOR OTHER DATA



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2460  
 Location of property (road) 11703 Laurel Oak Ct.  
 Subdivision Farside Lot 62 Block      Plat      Sec.       
 Well Driller Ralph Mayne Owner TBI Homes Inc.

Depth of well 405  
 Distance of measuring point (M.P.) above ground 2R  
 Static water level (S.W.L.) below M.P. 45R

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 12 fpm  
 Total time 30 min to reach pumping water level 225 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <u>5</u> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	225 ✓	45 Sec	30' CASI4	1.5 GPM
8:45	225 ✓	45 Sec	not opaw	1.5 GPM
9:00	225 ✓	45 Sec	8' B495	1.5 GPM
9:15	225 "	45 "		1.5 "
9:30	225 "	45 "		1.5 "
9:45	225 "	45 "		1.5 "
10:00	225 ✓	45 Sec		1.5 GPM
10:15	225 ✓	45 Sec		1.5 GPM
10:30	225 ✓	45 Sec		1.5 GPM
10:45	225 "	45 "		1.5 "
11:00	225 "	45 "		1.5 "
11:15	225 "	45 "		1.5 "
11:30	225 ✓	45 Sec		1.5 GPM
11:45	225 ✓	45 Sec		1.5 GPM
12:00	225 ✓	45 Sec		1.5 GPM
12:15	225 "	45 "		1.5 "
12:30	225 "	45 "		1.5 "
12:45	225 "	45 "		1.5 "
1:00	225 ✓	45 Sec		1.5 GPM
1:15	225 ✓	45 Sec		1.5 GPM
1:30	225 ✓	45 Sec		1.5 GPM
1:45	225 "	45 "		1.5 "
2:00	225 "	45 "		1.5 "
2:15	225 ✓	45 Sec		1.5 GPM
HD-224 2:30	225 ✓	45 Sec		1.5 GPM

B 7 1928

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

H0-94-2460 fill in this form completely

Date Received (APA) 9-28-99

OWNER INFORMATION

TBI Homes Inc 7320 GRACE DR Columbia MD 21044

B 3 HOWARD LOCATION OF WELL

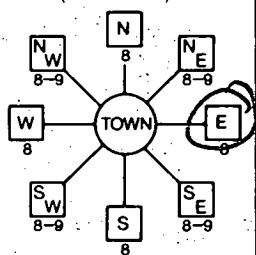
8 COUNTY FARSIDE 23 SUBDIVISION 42 SECTION 44 46 LOT 62 50 GLENELG 52 NEAREST TOWN 71

DRILLER INFORMATION

Ralph MAYNE MS D 1160 Driller's Name 76 License No. 81 Ralph MAYNE well Drilling Firm Name 9120 Brown Church Rd Mt Airy Address 9-24-99 Signature Date

MILES FROM TOWN (enter 0 if in town) 4 M 73 76 77 78

B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LAUREL OAK CT 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH 34 50 37 SOUTH 38 39 DISTANCE FROM ROAD 44 ENTER FT OR MI TAX MAP: 23 BLK: 21 PARCEL 126

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A512746 COUNTY NAME COUNTY NO STATE SIGNATURE INSERT S DATE ISSUED 10/12/99 Mark E. Palkin 10/12/00 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 516 000 EAST GRID 0824 000 50 55 57 63

- USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

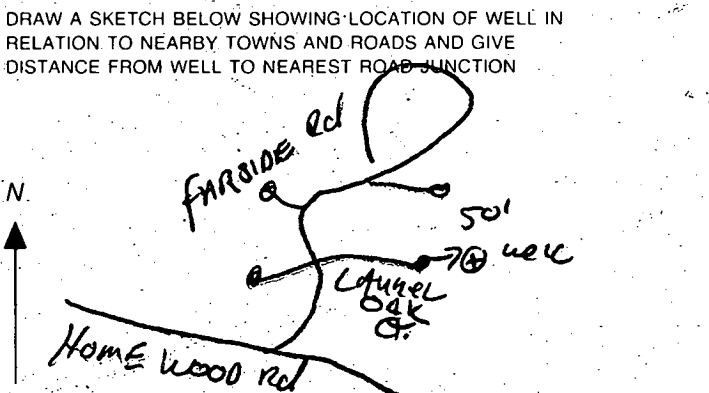
APPROXIMATE DEPTH OF WELL 150 24 28 FEET APPROXIMATE DIAMETER OF WELL 64 NEAREST INCH

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT other

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (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. H0-94-2460 70 71 72 73 74 75 76 77 78 79

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 E 8224 N 52216 000 000



SPECIAL CONDITIONS NOTE \* APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED \*

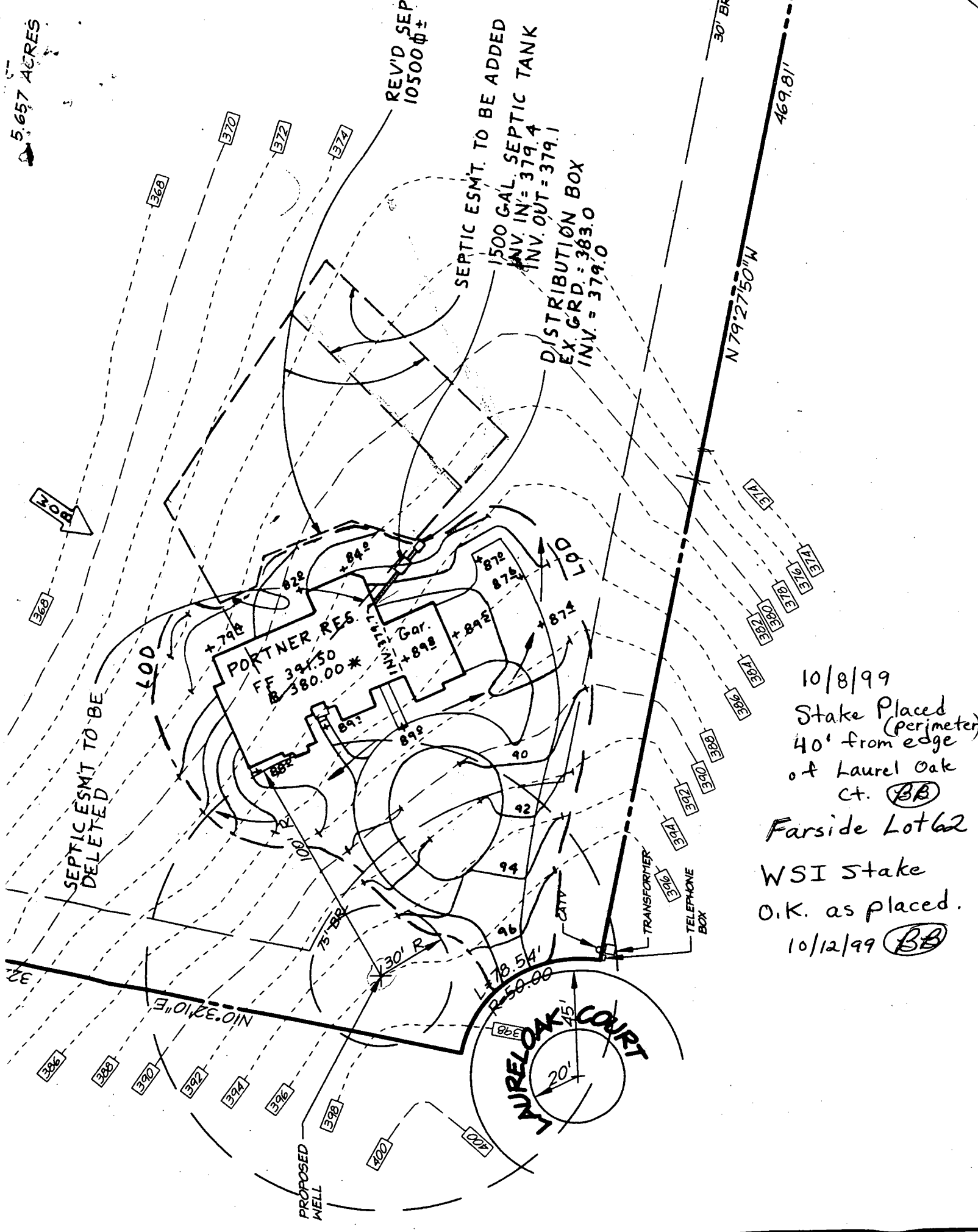
5.657 ACRES

REV'D SEPT  
10500 G.P.

SEPTIC ESMT. TO BE ADDED  
1500 GAL. SEPTIC TANK  
INV. IN = 379.4  
INV. OUT = 379.1

DISTRIBUTION BOX  
EX. GRD. = 383.0  
INV. = 379.0

SEPTIC ESMT TO BE  
DELETED



10/8/99  
 Stake Placed  
 (perimeter)  
 40' from edge  
 of Laurel Oak  
 Ct. (BB)  
 Farside Lot 62  
 WSI Stake  
 O.K. as placed.  
 10/12/99 (BB)

May 28, 2004

Partner  
11703 Laurel oak Court  
Ellicott City, MD 21042

Avis L. Corbin, Chief  
Licenses + Permits Division  
George Howard Building  
3430 Court House Drive  
Ellicott City, MD 21042

per Engineering Department,

Please be advised that we are amending  
Permit # B00148047 from a 60' x 120' tennis  
court to a 45' x 90' sport court.

Thank you for your attention in this matter.  
Any questions please contact me at 410-740-4196.

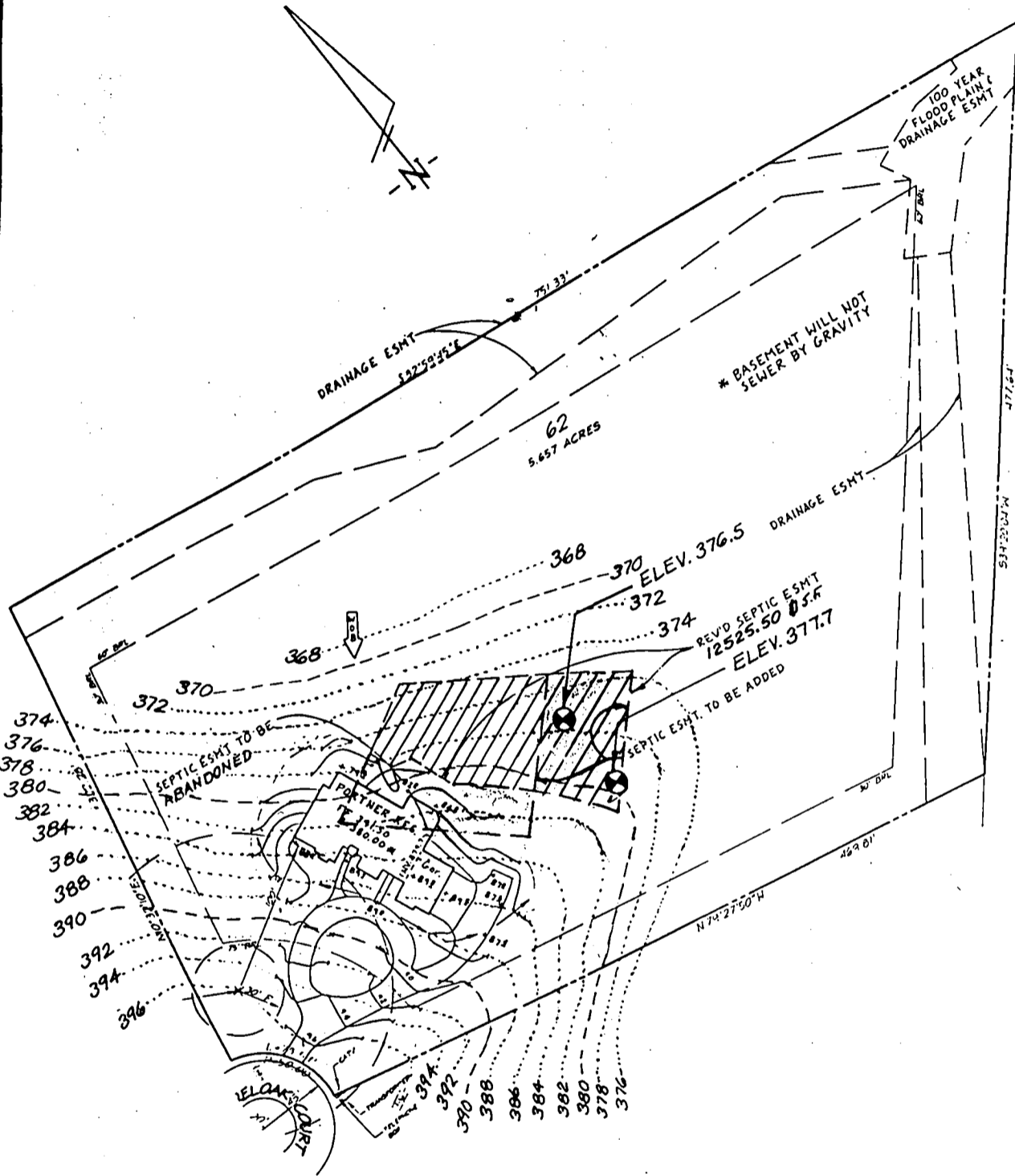
Thank you  
Valerie Portner

REVIEWED FOR CODE COMPLIANCE	
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS HOWARD COUNTY	
DATE: .....	6/1/04
BY: .....	<i>[Signature]</i>
<input type="checkbox"/> SUBJECT TO COMMENTS OF LETTER	
<input checked="" type="checkbox"/> SUBJECT TO FIELD INSPECTION	
<input type="checkbox"/> SUBJECT TO COMMENTS OF PLANS	
<input checked="" type="checkbox"/> AMENDMENT	<input type="checkbox"/> FINAL

Change size to 45' x 90'

NO	REVISIONS	DATE
1	Rev. Septic Easement Per Ho. Co. Comments	12-7-99
2	Rev. Septic Easement Per Ho. Co. Comments	12-10-99

PERCOLATION CERTIFICATION  
 PLAT NO. 4681  
 LOT 62  
**FARSIDE**  
 Tax Map 23 & 29  
 (3rd) Third Election District  
 HOWARD COUNTY, MARYLAND



**////** This Area designates a private sewage reserve of 10,000 square feet as required by the Maryland State Department of the Environment 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.

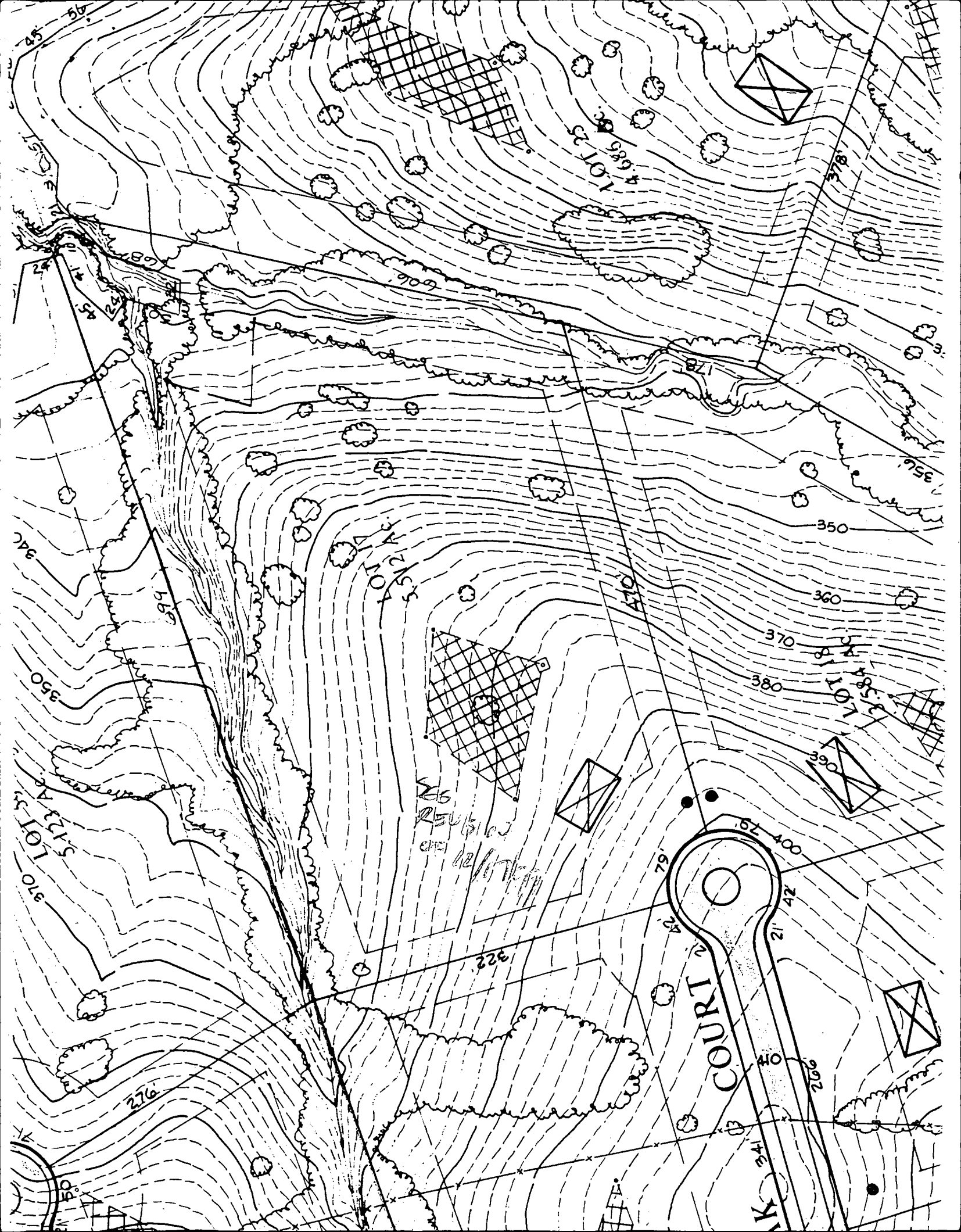
The Lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of the Environment.  
 Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: for Private Water and Private Sewage Systems.

*Don Maloney* 12/12/99  
 COUNTY HEALTH OFFICER C.W. DATE

FOR: TRINITY BUILDERS  
 6212 Devon Drive  
 Columbia Md. 21044

<b>CLARK, FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY COLUMBIA, MARYLAND 21045 TELEPHONE: BALT. (410)381-7500 • WASH. (301)621-8100	DRAWN BY: K.B.	DATE: 11-22-99	SCALE: 1"=100'
	CHECKED BY: J.M.E.	JOB NO.: 99-140	FILE NO.: 99-140-L
	DESIGNED BY: J.M.E.		





Howard County  
Health Department

# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ ~~AS~~ 5 20804  
 AGENCY REVIEW: 8/9/04 Perc holes pass repl. area DATE 7/28/2004  
found due to tennis court location  
 DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) **Jonathan and Valerie Portner**

DAYTIME PHONE **(410) 241-0105** CELL **(443) 745-3411** FAX **(410) 740-4196**

MAILING ADDRESS **11703 LaurelOak Court** **Ellicott City** **MD 21042**  
 STREET CITY/TOWN STATE ZIP

APPLICANT **Heritage Land Development**

DAYTIME PHONE **(410) 489-7900** CELL **(410) 982-2882** FAX **(410) 489-9768**

MAILING ADDRESS **3060 Washington Road** **Glenwood** **MD 21738**  
 STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE **Consultant**

PROPERTY LOCATION

SUBDIVISION NAME **Farside Community** LOT NO. **62**

PROPERTY ADDRESS **11703 LaurelOak Court** **Ellicott City** **MD 21042**  
 STREET TOWN/POST OFFICE

TAX MAP PAGE(S) **23** GRID \_\_\_\_\_ PARCEL(S) **126** PROPOSED LOT SIZE **5.65**

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

\_\_\_\_\_  
 SIGNATURE OF APPLICANT

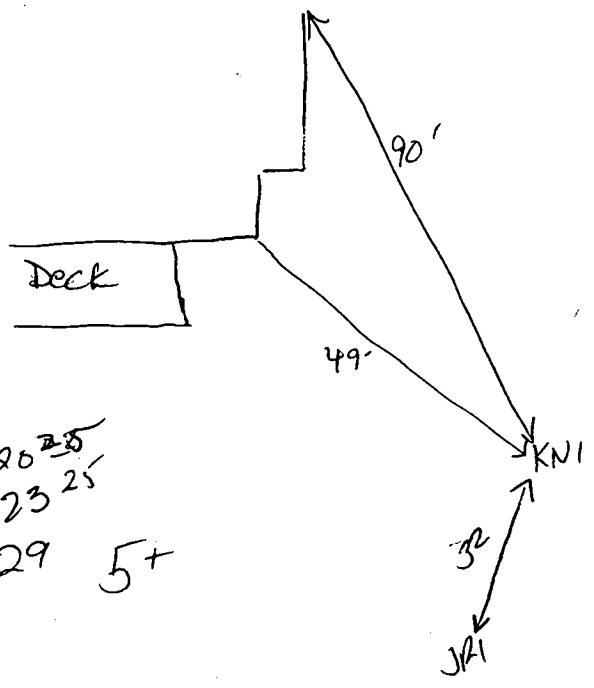
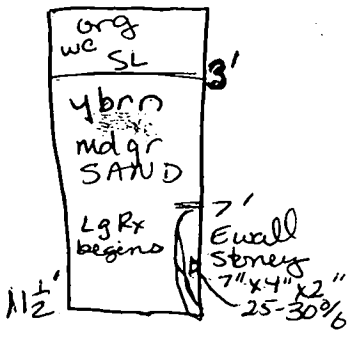
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

8/6/04

(KNI)

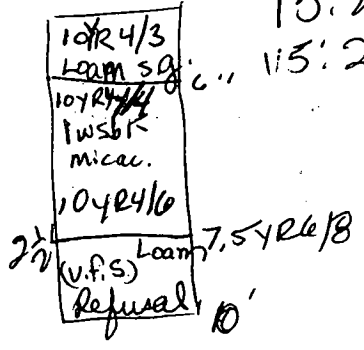
TEST IN Rx @

2:49 2:51 2:54

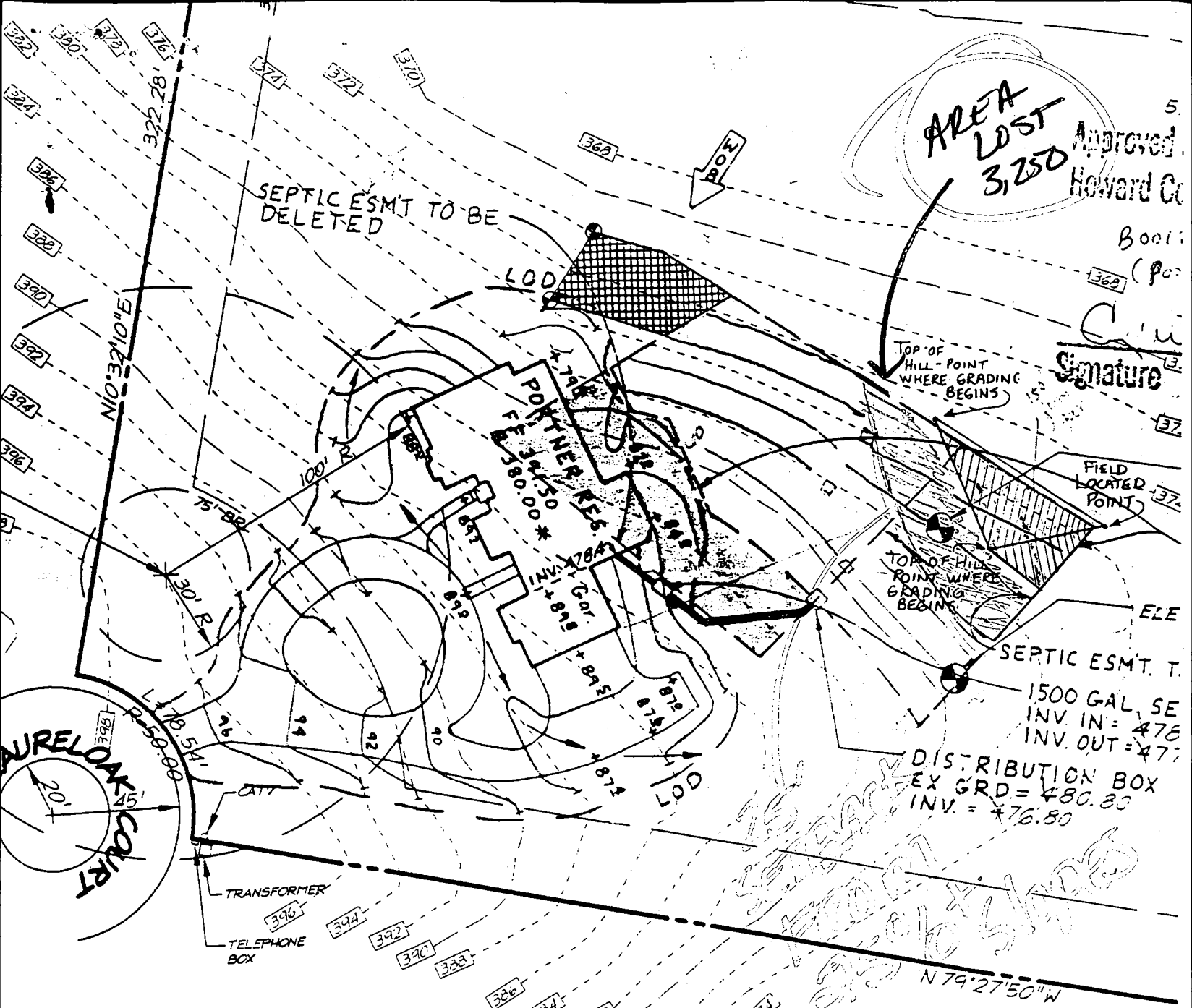


JR1

15:20<sup>25</sup>  
15:23<sup>25</sup>  
15:29 5+



2 1/2 - 3' 3"  
Loam (5:10 ↑) balls



5  
 Approved  
 Howard Co  
 Book  
 (Page)  
 Signature

 = SEPTIC AREA  
 = PROPOSED REPLACEMENT SEPTIC RESERVE AREA

= DISTURBED  $\left\{ \begin{array}{l} \frac{1}{2}(23)29 = 334 \text{ SF} \\ \frac{1}{2}(26)65 = 845 \text{ SF} \end{array} \right\} 1179 \text{ SF}$

= SEPTIC RESERVE AREA  $\left\{ \begin{array}{l} \frac{1}{2}(25)27 = 337 \text{ SF} \\ (26)37 = 932 \text{ SF} \end{array} \right\} 1269 \text{ SF}$

 = PROPOSED ADDITIONAL PERC TEST HOLES

Total linear feet of trench required 225 ft

Width of trench (ft) 2 ft

Depth of trench (ft) 8 ft

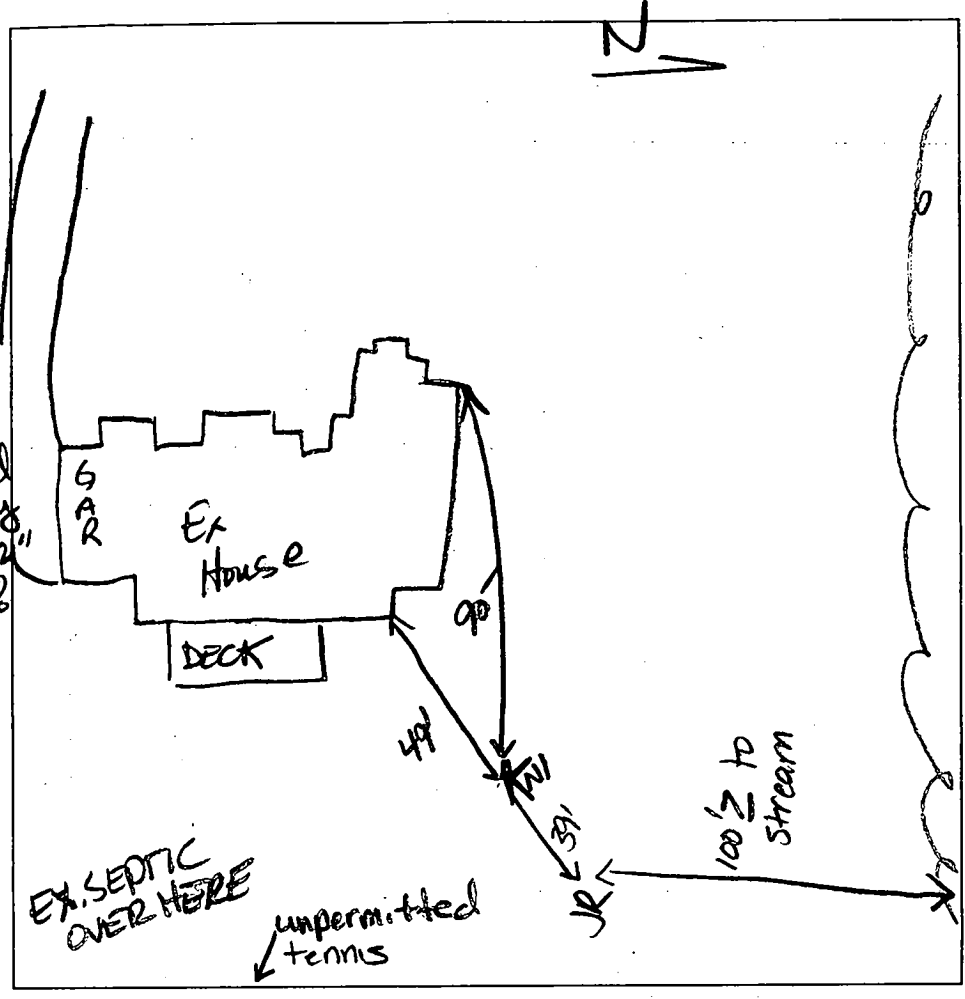
Depth of stone required below distribution pipe 4 ft

TOTAL AREA LOST 4,875 incl pencil shaded area

A/P  
 (KN)  
 org  
 w.c.  
 SL  
 3'  
 ybrn  
 md gr  
 SAND  
 7'  
 Lgr  
 begins  
 E wall  
 stoney  
 7'x4'x2"  
 25-30%  
 11 1/2'  
 Bottom

JR  
 10yR 4/3  
 Loam  
 S.G.  
 6"  
 10yR 4/6  
 lwsbk  
 micac.  
 Sloam

7.5yR 6/8  
 2'  
 Loam  
 v.f. sand  
 gf.  
 Refusal  
 10'



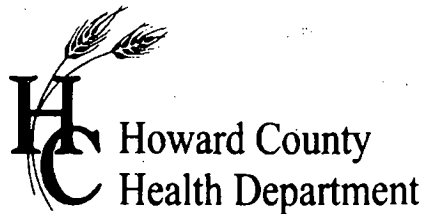
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
8/6/04	KN, (IN)	TESTED Rock	7 1/2 2:49	2:51	2:56	4	P
	JR	4 1/2'	15:20 <sup>30</sup>	15:23 <sup>25</sup>	15:29	5+	P

REMARKS 6" POST Hole

SANITARIAN \_\_\_\_\_ BACKHOE \_\_\_\_\_ OTHERS \_\_\_\_\_

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH \_\_\_\_\_ INLET DEPTH \_\_\_\_\_ MAX. BOT DEPTH \_\_\_\_\_ EFFECTIVE SAW \_\_\_\_\_



# APPLICATION

## FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) \_\_\_\_\_ TEST TIME \_\_\_\_\_ A/P \_\_\_\_\_

AGENCY REVIEW: \_\_\_\_\_ DATE \_\_\_\_\_

**DO NOT WRITE ABOVE THIS LINE**

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH \_\_\_\_\_ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE *UNKNOWN* IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT \_\_\_\_\_

DAYTIME PHONE \_\_\_\_\_ CELL \_\_\_\_\_ FAX \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION  
SUBDIVISION/PROPERTY NAME \_\_\_\_\_ LOT NO: \_\_\_\_\_

PROPERTY ADDRESS \_\_\_\_\_  
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) \_\_\_\_\_ GRID \_\_\_\_\_ PARCEL(S) \_\_\_\_\_ PROPOSED LOT SIZE \_\_\_\_\_

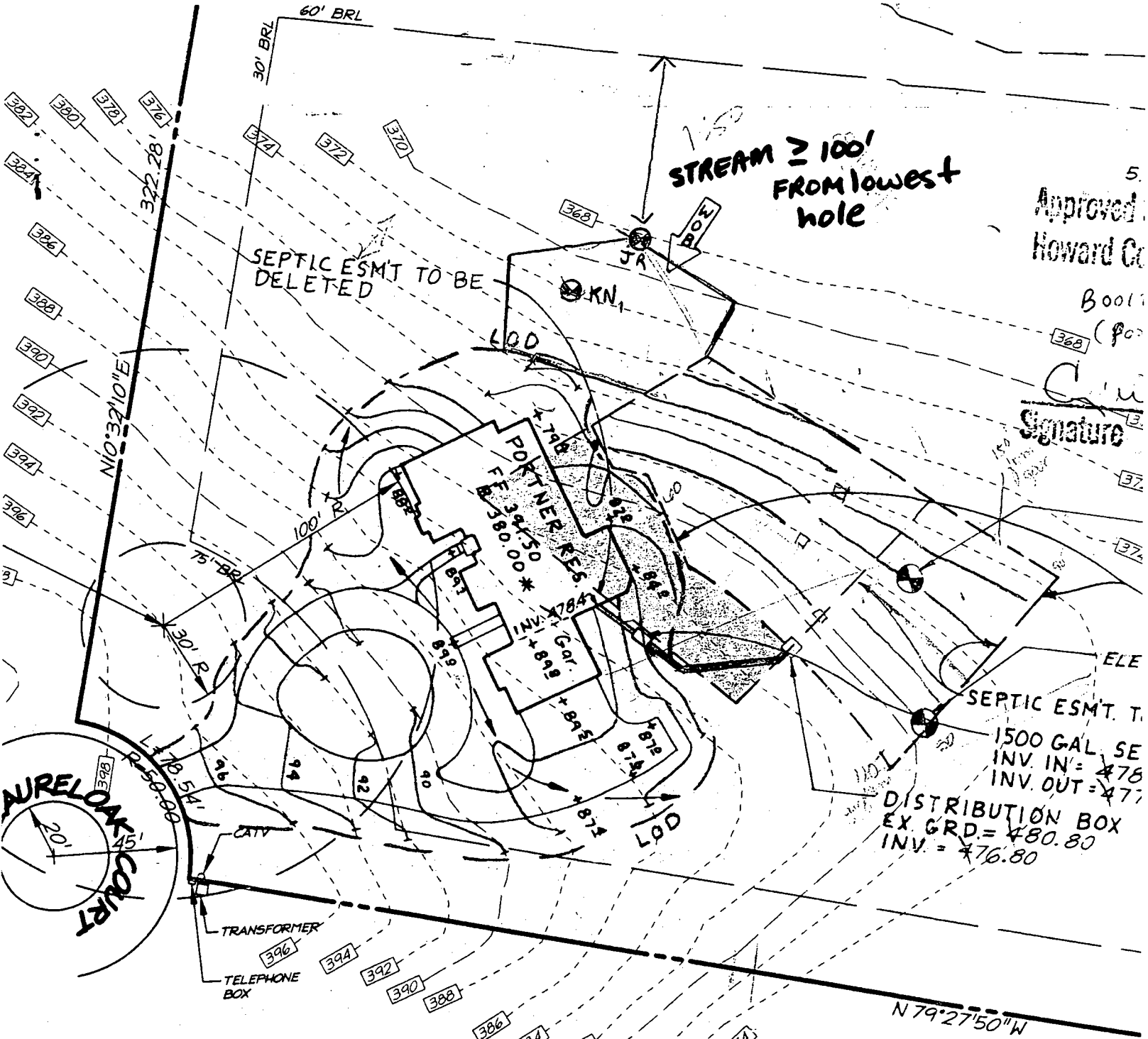
AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. \_\_\_\_\_

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM  
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648  
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH





5.  
Approved  
Howard Co  
Book  
(Page)  
Signature



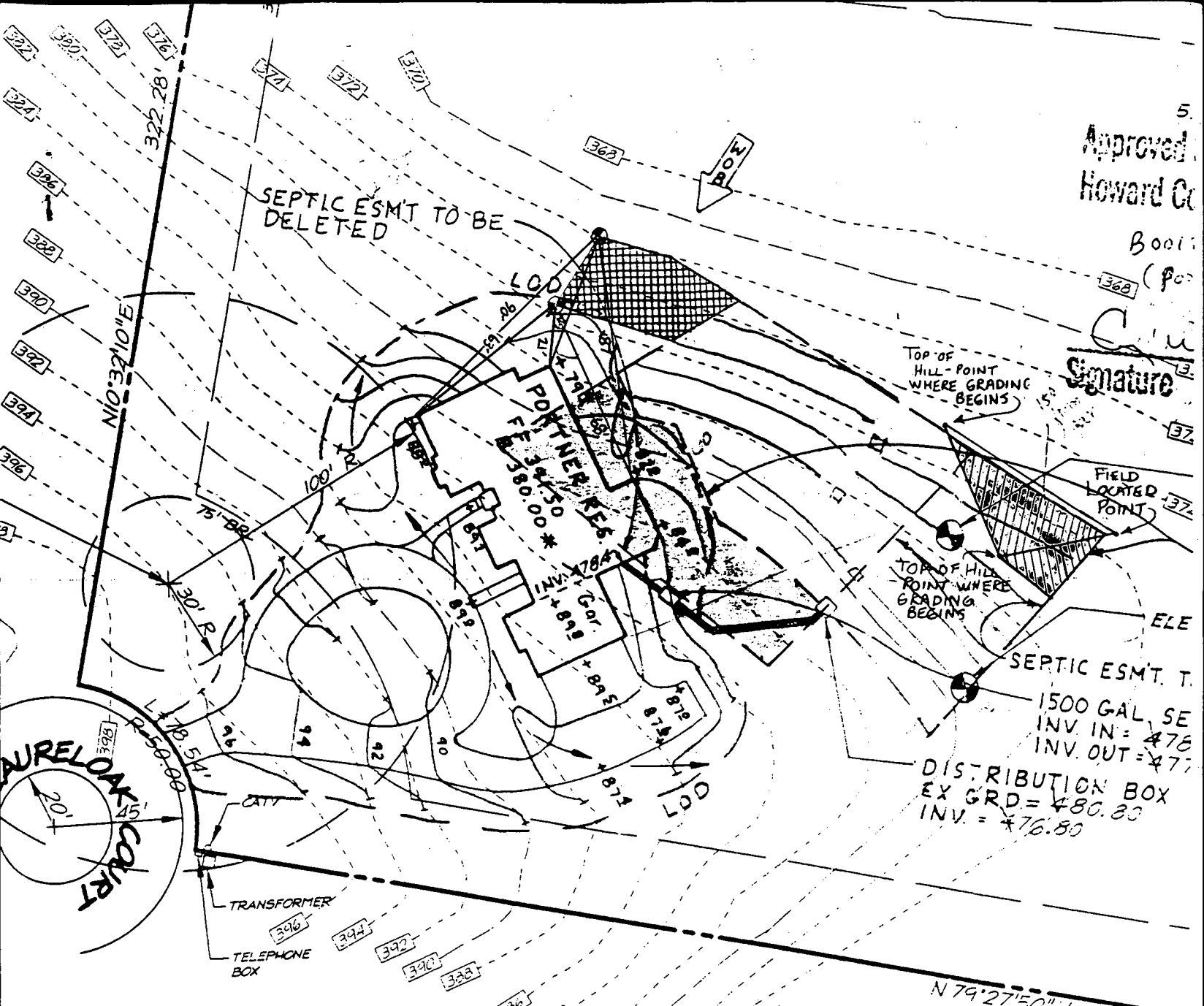
Total linear feet of trench required 225 ft  
 Width of trench (as) 2 ft  
 Depth of trench (as) 8 ft  
 Depth of stone required below distribution pipe 4 ft



8/9/04 (KN)  
 Topo shown on plan NOT SAME AS SEEN ON SITE; ENOUGH ROOM (SDA) IDENT. FOR REPLACEMENT OF LOST SDA due to tennis court

5  
Approved  
Howard Co

Book  
(Page)


Signature



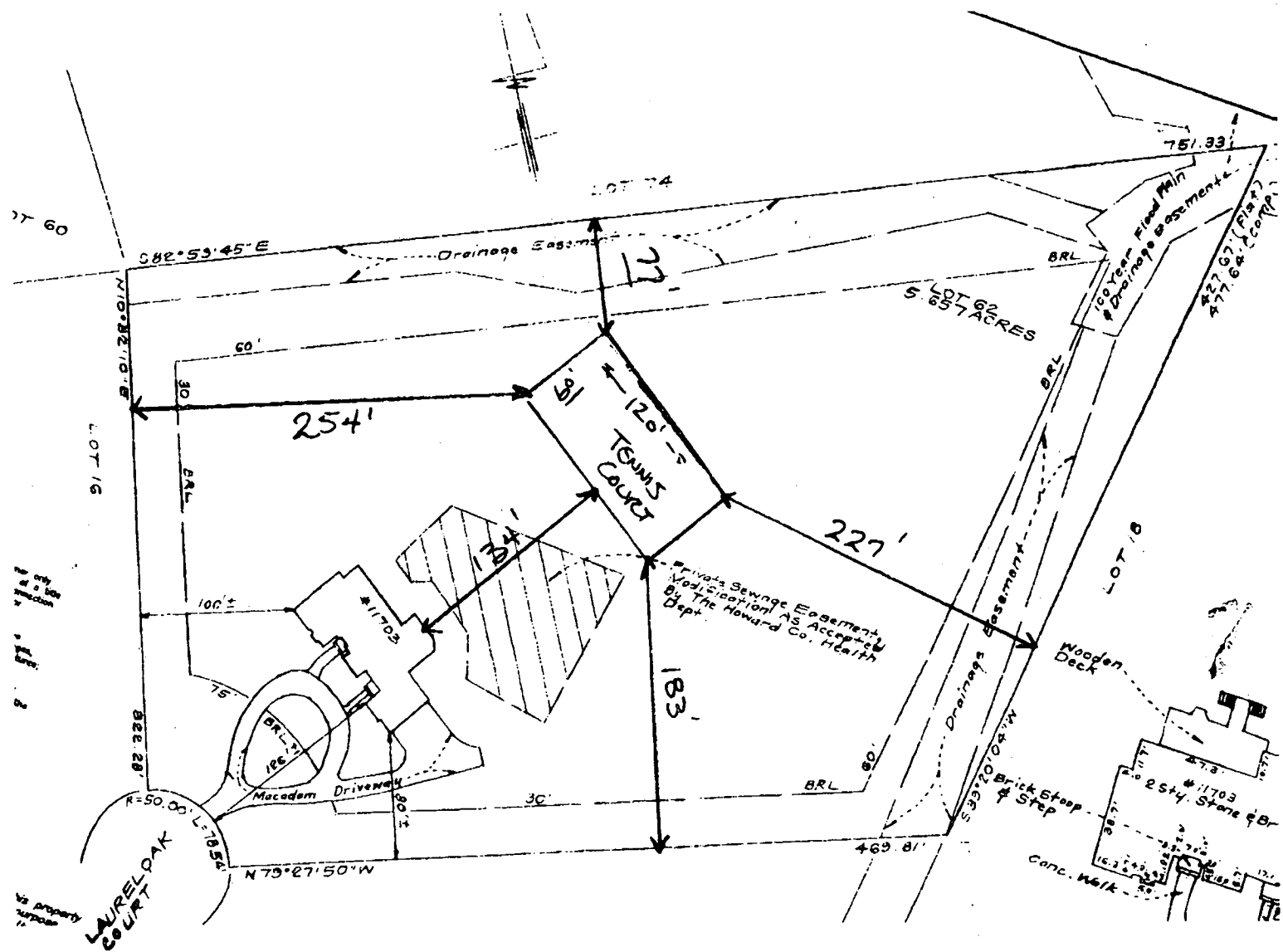
 = SEPTIC AREA  
 = PROPOSED REPLACEMENT SEPTIC RESERVE AREA

$\frac{1}{2}(23)29 = 334 \text{ SF}$ $\frac{1}{2}(26)65 = 845 \text{ SF}$	$\left. \begin{array}{l} \\ \end{array} \right\} 1179 \text{ SF}$
$\frac{1}{2}(25)27 = 337 \text{ SF}$ $(26)37 = 932 \text{ SF}$	

$\frac{1269 \text{ SF}}$

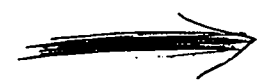
 = PROPOSED ADDITIONAL PERC TEST HOLES

Total linear feet of trench required 275  
 Width of trench(in) 2  
 Depth of trench(in) 8 ft  
 Depth of stone required below distribution pipe 4 ft



owner may come in to plan revised SDA plan.

5/17/04  
 Plan is to scale, however, (1) SDA has been modified on 12/12/99, which is different than this. NEED to resubmit w/ the revised SDA shown.



(2) SHOW WELL LOCATION LABELED W/ TAG#. KN

SKETCH OF  
 11703 LAURELOAK COURT  
 Lot 62  
 FARSIDE  
 3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

7-23-04

SITE INSPECTION SHEET

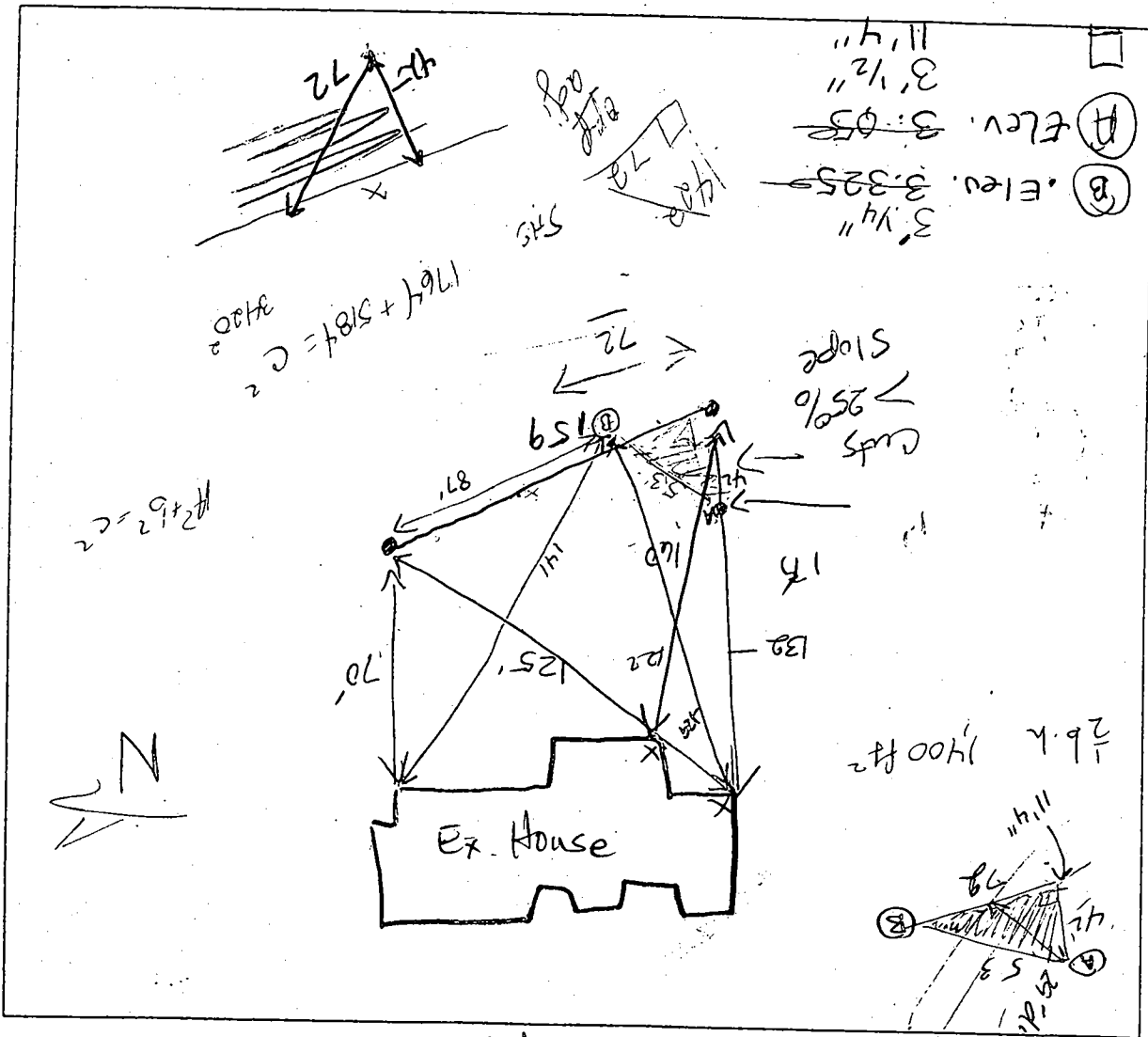
OWNER: \_\_\_\_\_ PHONE #: \_\_\_\_\_

ADDRESS: 11703 Laurel Oak Ct. CONTRACTOR: \_\_\_\_\_

SUBDIVISION: Farside LOT: 62 WELL TAG #: \_\_\_\_\_

PROPOSAL: Triangulate locations of disturbed soils COUNTY #: \_\_\_\_\_

LOCATION DIAGRAM



COMMENTS: 25' off 25% grade

DATE: \_\_\_\_\_ INSPECTOR: \_\_\_\_\_