

5/21/99  
10:00  
5/25/99  
WPS - P.M.

7/1/99  
view  
WPS

# PERMIT

## SEWAGE DISPOSAL SYSTEM

P 511593

A42739

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 410-313-2640

TAX ID # 04-353625

DATE 5/18/99

DATE SYSTEM APPROVED 8/31/99

INSPECTOR S.R.K.

SK Backhoe & Septic Service IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 1220 FSK Highway, Keymar, Maryland 21757 PHONE 301-898-0955

SUBDIVISION Chessie Crossing LOT 25 ROAD 760 Chessie Crossing Way

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

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

SHALLOW SYSTEM ONLY

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 100 feet off the left lot line and 110 feet off the rear lot line as seen from Chessie Crossing Way. Run trenches along contour towards the rear of the lot.

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

OK KIM 1-25-99

PLANS APPROVED BY Donna K. Soe DATE 1-21-1999

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

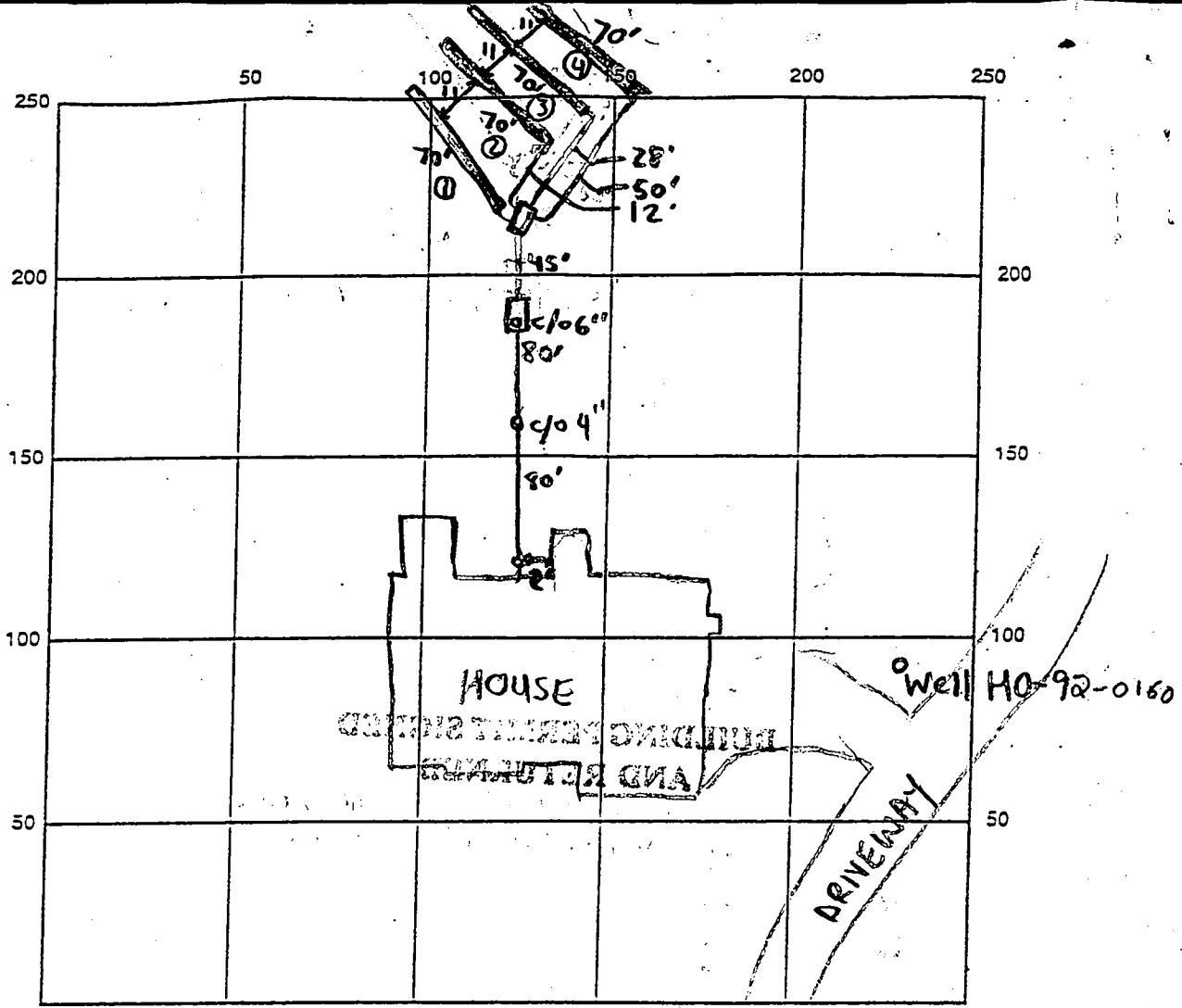
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

511593  
5/18/99



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
**CHESIE CROSSING WAY**

SEPTIC TANK LEVEL 1250 midseam CLEANOUTS 2-cleanouts @ tank 6" between house & tank 4"

DISTRIBUTION BOX LEVEL Baffle is in

DRAIN FIELD/TILE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 280 FT.  $\frac{112}{70} \frac{134}{70} \frac{34}{70}$

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 5/19/99 OK FOR MID-SEAM TANK BASED ON INSTALLER'S SOIL

DESCRIPTION (MR) 5/21/99 - HOUSE CONNECTION NEEDS TO BE MADE OK TO FINISH & COVER ALL WORK - (SRW) ENDS OF TRENCHES 3 & 4 MAY BE SLIGHTLY OUT OF SEPTIC AREA

SO THAT CONTRACTOR COULD STAY ON CONTOUR, SOILS IN THIS AREA ARE GOOD (SRW)

7/1/99 - WPT OK - (SRW) 8/31/99 - HOUSE CONN. MADE VERIFIED THRU T/C W

BUILDER (SRW)

DATE SYSTEM APPROVED 8/31/99 INSPECTOR Steven R. Krieg

# APPLICATION

SEWAGE DISPOSAL TESTING

A 412739

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4

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

DATE August 2, 1988

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 Paul V. & Bong Cha Brosenne

ADDRESS 694 Morgan Station Road Woodbine, MD 21797 PHONE 489-4052

PROPERTY LOCATION: Prospective Buyer: Lambert Cissell 442-5671  
SE Corner of 3425 Hipsley Mill Rd. Woodbine, MD 21797

**NEW 25**

SUBDIVISION Chessie Crossing Morgan Woodbine Rd. & Morgan Station Rd. LOT NO. 11

ROAD AND DESCRIPTION New Road = Road A, Tax Map 3, Parcel 4

SIZE OF LOT 3 acres  $\frac{1}{4}$  TYPE BLDG. single family residence  
(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

James L Newburn (997-3815)  
(SIGNATURE OF APPLICANT)

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

James L. Newburn Agent for Lambert Cissel

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

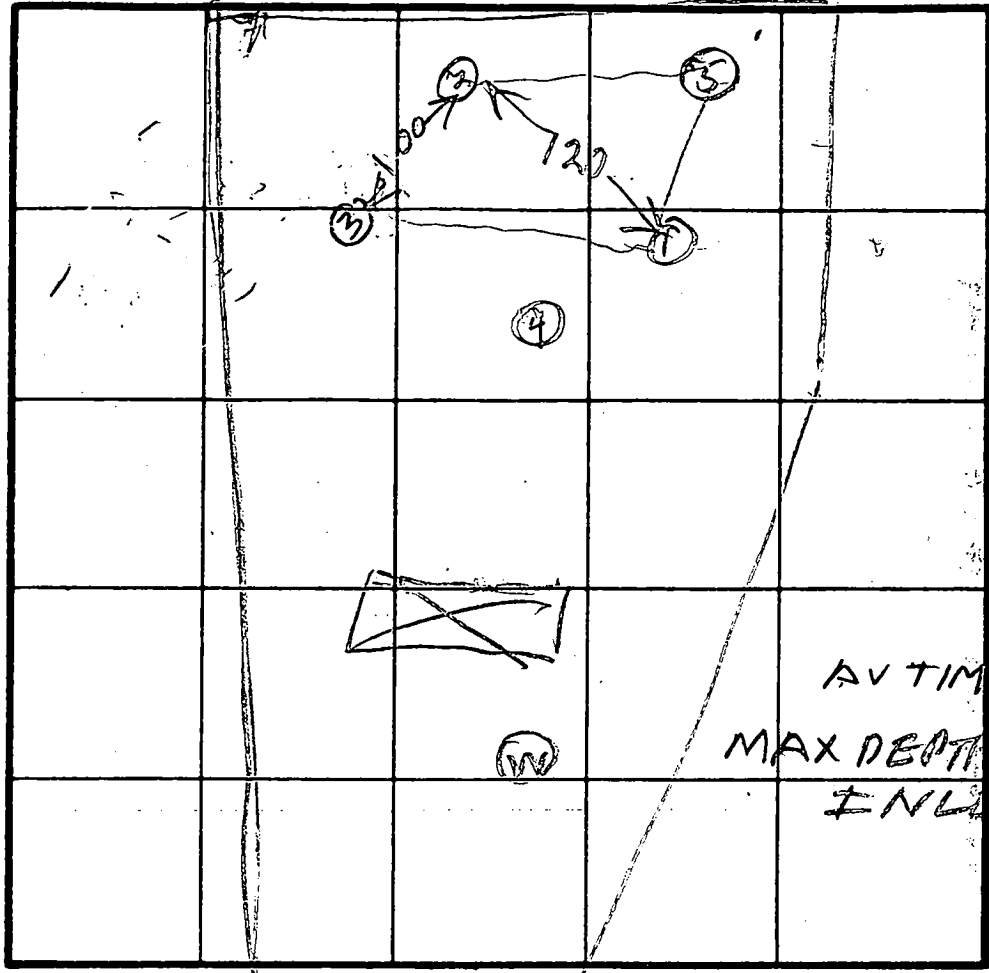
REASONS FOR REJECTION OR HOLDING 12/15/88 - PERC OR HOLD FOR PLAT B

# THIS IS NOT A PERMIT

Well  
A 42739

SOIL PROFILE

0  
BROWN  
RED  
CLAY  
3  
LIGHT  
BROWN  
SAND  
SILT  
LOAM  
POUNDY  
11.5



0  
BROWN  
CLAY  
3  
BROWN  
GRITTY  
SAND  
LOAM  
FEW  
LUMPS  
12  
0  
0  
0  
5.4  
9 MIN

AV TIME 9 MIN  
MAX DEPTH  
INLET 3 FT

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

0  
BROWN  
RED  
CLAY  
4  
REDISH  
BROWN  
SAND  
SILT  
LOAM  
LUMPS  
12

3  
BROWN  
CLAY  
LIGHT  
BROWN  
STRUCTURAL  
SAND  
SILT  
LOAM  
10 1/2 HARD

CLAY  
SAND  
LOAM  
MEDIUM  
SHALE  
SAND LOAM  
10 HARD

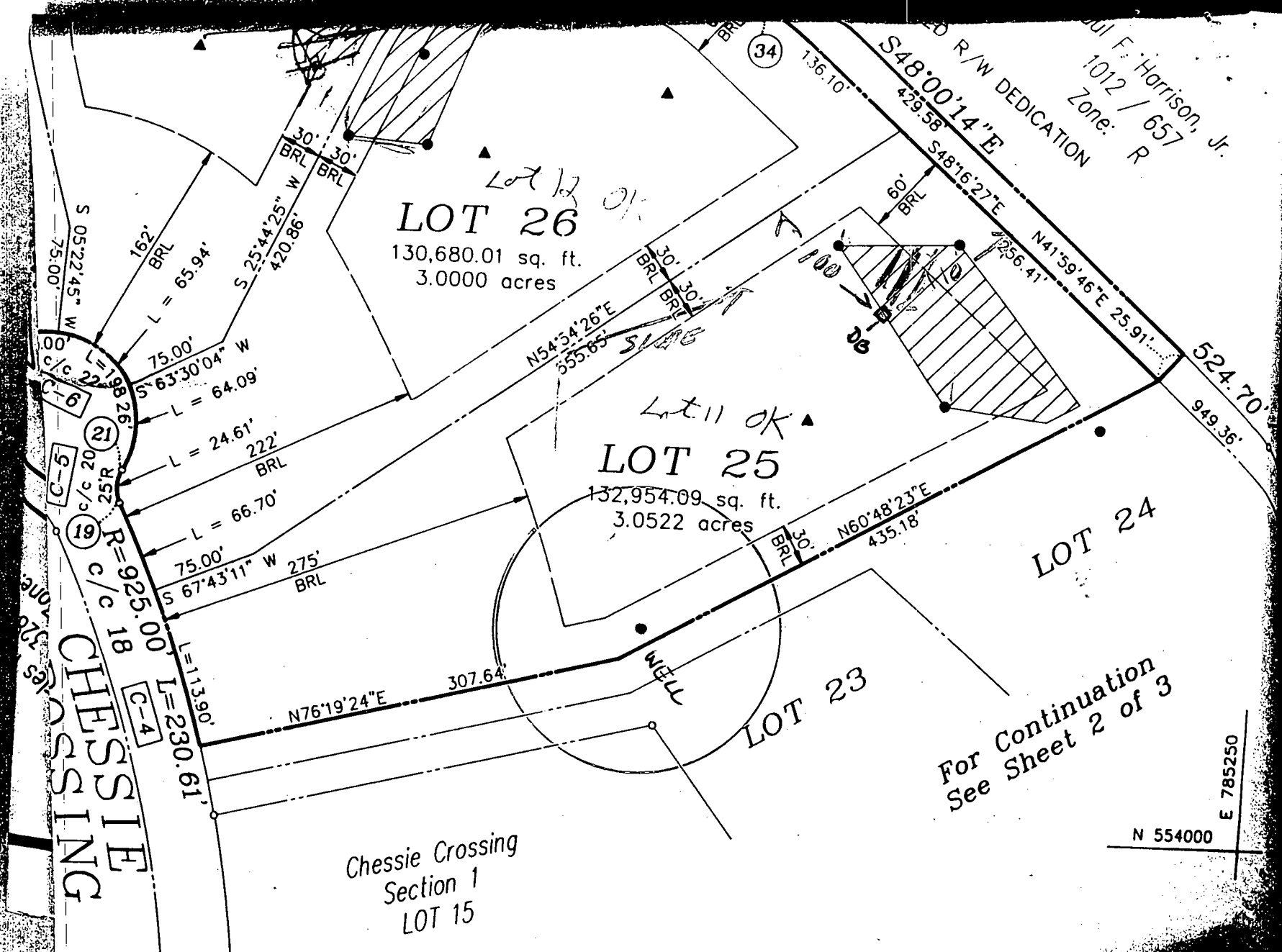
DATE	TEST NO	DEPTH	PRE WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/15/88	1 V	3	1156	1202	1202	1210	8
	1 D	11.5	OK				
	2 S	5	1158	1205	1205	1209	4
	2 D	12	OK				
	3 S	3.5	1213	1218	1218	1224	6
	3 D	7.5	1216	1226	1226	1240	14
	3 V	10 1/2	OK				
	4 V	10	UNSAT.	700	FAST		
	4 D	6	205	1st inch 35 sec	2nd inch 40 sec		
	4 D REPEAT	6	205	1st inch 60 sec	2nd inch 60 sec		
	5 V	12	OK				

REMARKS: Holes Dug Per Original Test Plat (1, 2, 3, 4)

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

TESTED BY: B. HODGES

ALSO PRESENT: \_\_\_\_\_



J. F. Harrison, Jr.  
 1012 / 657  
 Zone: R

For Continuation  
 See Sheet 2 of 3

Chessie Crossing  
 Section 1  
 LOT 15

N 55400

E 785250

C1 6750 SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE CHECKED IN COLS. 3-6 ON ALL CA)

COUNTY NUMBER A 42739

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-92-0160

OWNER DEVELOPMENT NEWBURN last name first name TOWN WOODBINE CROSSING SECTION LOT 25

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 (Use additional sheets if needed), FEET (FROM TO), Check if water bearing. Includes handwritten entries: Brown Shale 0 38, Blue Rock 38 265.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 9 NO. OF POUNDS 846

CASING RECORD casing types insert appropriate code below ST CO PL OT STEEL CONCRETE PLASTIC OTHER MAIN CASING TYPE SH Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 42

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

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

DEPTH (nearest ft.) 11 41 31.5 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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 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

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE Joseph Mays

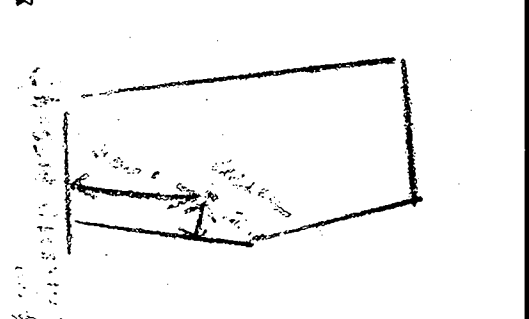
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 36 WHEN PUMPING 63 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 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE

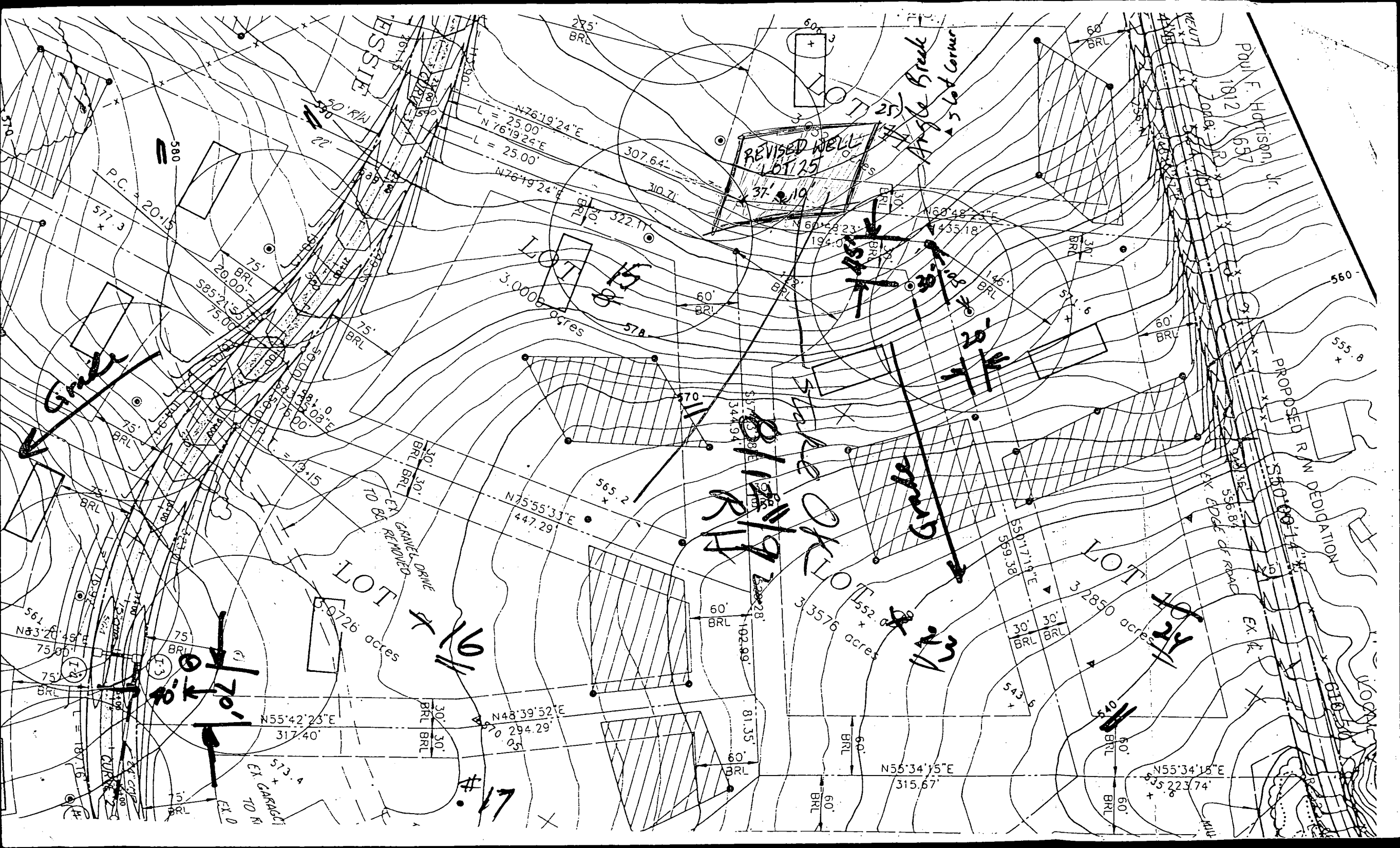
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)











ESSE SITE

PAUL F. HARRISON, JR.  
1812 657

REVISED WELL  
LOT 25

Angle Break  
5 lot corner

LOT 15  
3.0006 acres

LOT 16  
5.0726 acres

LOT 17  
3.3576 acres

LOT 25  
37.210 acres

PROPOSED R/W DEDICATION

Grade

Grade

8/18/79

70'

16

17

25

#17

N76°19'24"E  
L = 25.00'  
N76°19'24"E  
L = 25.00'

N75°55'33"E  
447.29'

N48°39'52"E  
294.29'

N55°42'23"E  
317.40'

N55°34'15"E  
315.67'

N55°34'18"E  
322.74'

N83°20'48"

N57°53'08"

N34°19'34"

N52°28'00"

N102°09'00"

N81°35'00"

P.C. 20+15  
577.3

S85°21'25"W  
75.00'

N77°02'00"E  
13.15'

N77°02'00"E  
13.15'

N77°02'00"E  
13.15'

N77°02'00"E  
13.15'

307.64'

310.71'

322.11'

370'

570'

565.2'

552.0'

543.5'

501.719'

543.5'

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560

555.8

552.0

543.5

501.719

543.5

543.5

543.5

543.5

FAX #

410 313 2644

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

~~410 313 2644~~ (410) 313-2644

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # \_\_\_\_\_  
Date \_\_\_\_\_

Name of Installer CAVAUGHAN Plumbing

Telephone 301 725-1715

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

Name of Property Owner Mr. & Mrs. MDL Hollen Telephone 301 774-4157  
Subdivision Chessie Crossing Lot # 25 Well Tag # HC-92-0160  
Site Address 760 Chessie Crossing Way

<b>Pump</b>	<b>Motor</b>	<b>Pitless Adapter</b>
1. Type	1. Horsepower <u>1/2</u>	1. Make <u>Watts</u>
a. Deep well jet _____	2. RPM _____	2. Model # <u>PT 500</u>
b. Shallow well jet _____	3. Voltage _____	3. Depth <u>4 ft</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>Watts</u>	b. 220 <input checked="" type="checkbox"/>	
3. Model # _____		
4. Capacity <u>7</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No <input checked="" type="checkbox"/>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors <input checked="" type="checkbox"/> Cable guards <input checked="" type="checkbox"/> Other <u>None</u>		

<b>Tank</b>	<b>Piping</b>	<b>Well data</b>
1. Capacity _____	1. Type <u>Vertical</u>	1. Depth <u>25 ft</u>
2. Pressure relief valve <u>yes</u>	2. Size <u>1"</u>	2. Yield <u>12</u> GPM
	3. NSF and/or BOCA Code approved <u>yes</u>	3. Static water level <u>60 ft</u>
	4. Depth of supply line <u>4 ft</u>	4. Will water supply be transferred by installer? <u>yes</u>

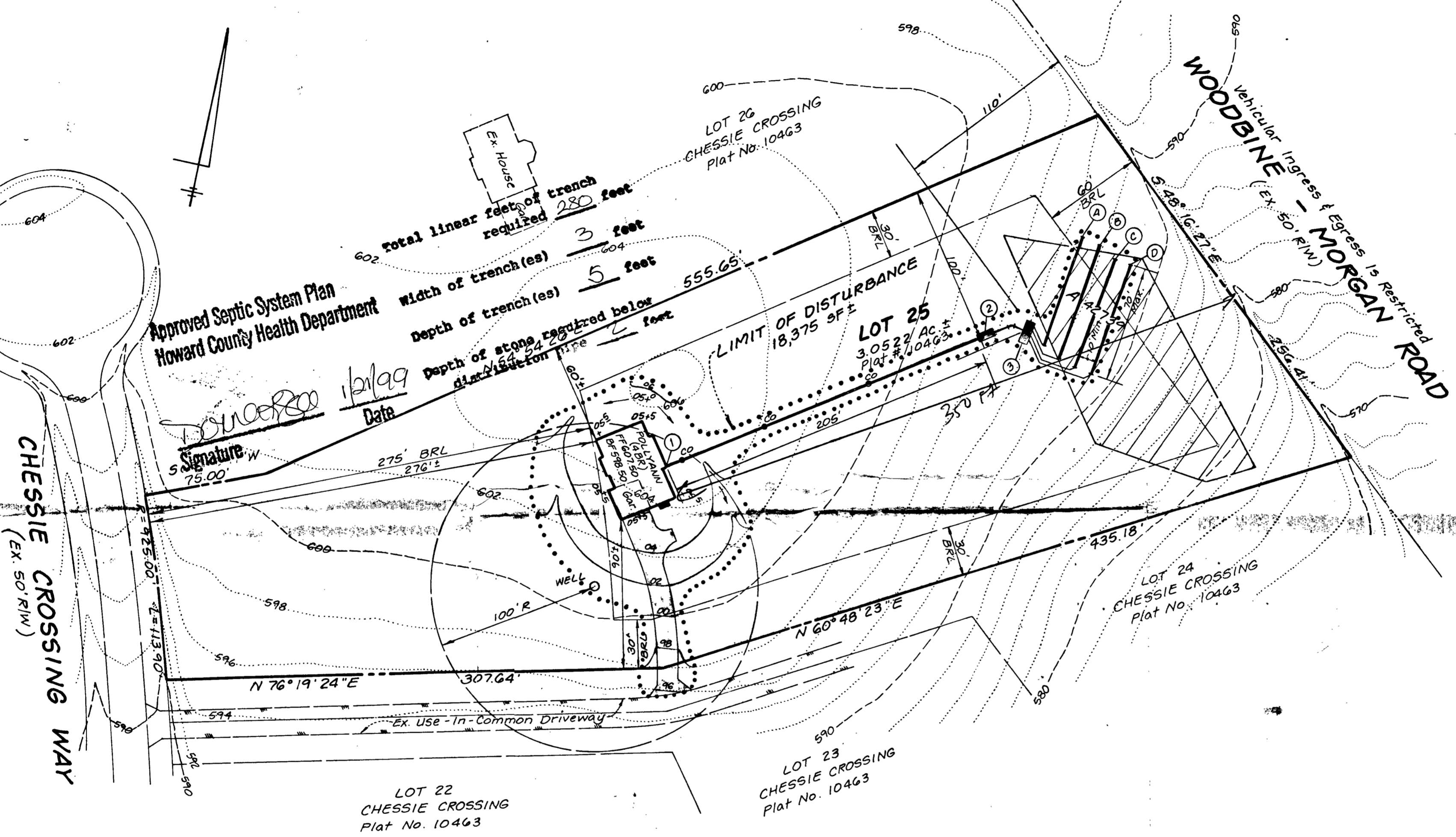
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

WPI OK  
7/1/99 SRK

Signature of Applicant: Kenn Cash  
Date: 7/1/99

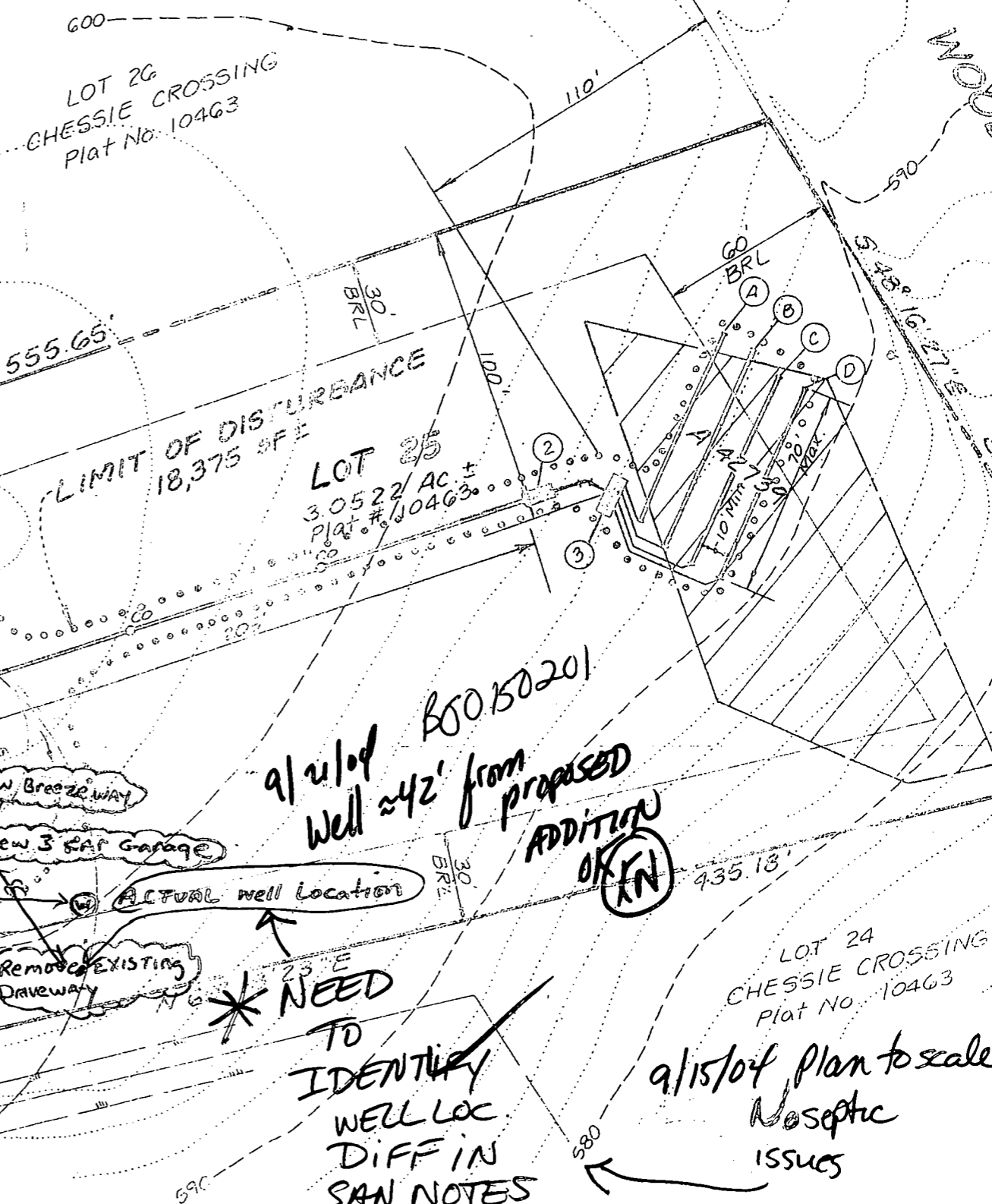
Note: A written indicating approval status of the installation will be placed on the well casing at the time of the inspection.



<b>LDE, INC.</b> 9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-9540 (Fax)		
DESIGNED	BB	SCALE 1" = 50'
DRAWN	KW	DRAWING 1 of 1
CHECKED	B.D.B.	JOB NO. 98-083
DATE	12/1998	FILE NO.
PLOT PLAN FOR BUILDING PERMIT <b>CHESSIE CROSSING</b> <b>Lot 25</b> TAX MAP No. 3 PIO PARCEL 4 4th ELECTION DISTRICT HOWARD CO., MD. Previous Submittals: 589-51, P89-73, F90-74, WP89-104, WP89-113, WP90-43 Owner/Developer: <b>HAL C. MARKER, Co.</b> 10524 Hunters Way Laurel, MD. 20723		

<b>L.D.E., INC.</b>		
9250 Rumsey Road, Suite 106, Columbia, MD. 21045 (410) 715-1070 (301) 596-3424 (410) 715-3540 (Fax)		
DESIGNED <b>BB</b>	<b>PLOT PLAN FOR BUILDING PERMIT CHESSIE CROSSING Lot 25</b>	SCALE 1" = 50'
DRAWN <b>KW</b>		PLAT NO. 10463
CHECKED <b>B.D.B.</b>		JOB NO. 10463
DATE 12/1998		OWNER/DEVELOPER <b>SAM MULHOLLEN 760 Chessie Crossing Way Woodbine Md 21797</b>
TAX MAP No. 3 F10 PARCEL 4 4th ELECTION DISTRICT HOWARD CO, MD Previous Submittals: S89-51, P89-23, F10-11, WP89-104, WP89-113, WP90-43		

1:50  
9/21/04 Well 92'  
from pt A to well

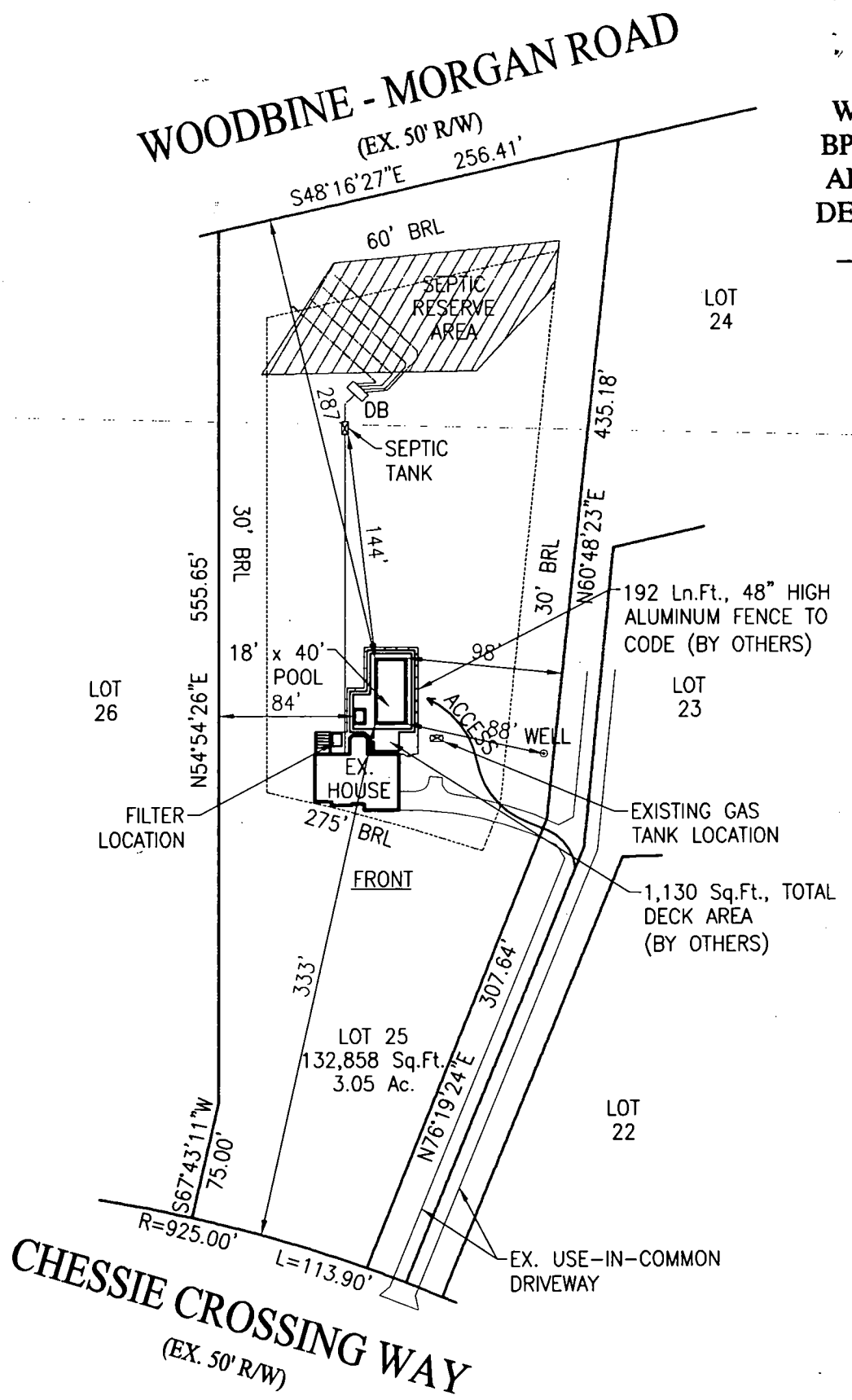


9/21/04 Well 92' from proposed  
ADDITION  
OK IN

\* NEED TO IDENTIFY WELL LOC. DIFF IN SAN NOTES

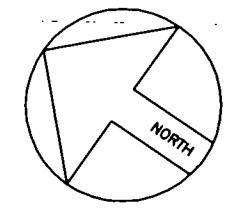
9/15/04 plan to scale No septic issues

REAR PL.	50'
SIDE PL.	30'
HOUSE	N/A
SEPTIC	20'
WELL	30'



**APPROVED**  
**WALK-THRU BUILDING PERMIT**  
 BP# 150583 A# 42739  
 APP. SAN KN DATE: 9/30/04  
 DESC. OF WORK: pool, inground

**PRIVATE WELL  
& PRIVATE SEPTIC**



ZONE: ONE

**SITE PLAN**

1"=100'

LOT 25  
**CHESSIE CROSSING SEC.2**  
 ACCOUNT #353625  
 MAP 3, GRID 19, PARCEL 4  
 ELECTION DISTRICT NO.04  
 HOWARD COUNTY, MARYLAND

**Maryland POOLS Inc.**

9515 GERWIG LANE SUITE 119 COLUMBIA, MD 21046 410-995-6600  
 11166 MAIN STREET SUITE 402 FAIRFAX, VA 22030 703-359-7192  
 800-252-SWIM  
 WWW.MARYLANDPOOLS.COM

**EQUIPMENT LIST**

- DIRT/GRADING: ALL DIRT STAYS
- SPA: 48 SF W/8 JTS, 100W LGHT & BLWR
- RAISED BEAM: NONE
- TILE: RM-06
- COPING: PA FULL RANGE FLAGSTONE - CUT
- PLASTER: PEBBLETECH - TAHOE BLUE
- FILTER SYS: C&C 420 SF CART. W/3HP PUMP
- CLEANING SYS: PCC-2000
- TREATMENT SYS: MINERAL SPRINGS
- CONTROL SYS: NONE
- HEATER: 400K BTU (PROPANE)
- LIGHTS: TWO WATTS: 500 VOLTS: 120
- LOVESEAT: (1) @ 6' - INSIDE
- AQUA BENCH: (1) @ 8'
- RAIL GOODS: NONE
- DECKING: BY OTHERS
- FENCE: BY OWNER
- POOL COVER: NONE TYPE: N/A
- CHEMICALS: \$100 CHEMICAL ALLOWANCE
- OTHER ITEMS: INITIAL WATER FILL  
SPA WINTER DISCONNECT

ELECTRIC: 200 FT.

**POOL DATA**

SIZE/SHAPE: 18' x 40' - RECTANGLE  
 POOL AREA: 720 SPA: 48 OTHER:  
 TOTAL AREA: 768  
 PERIMETER: 116 SPA: 28  
 GALLONAGE: 23,400 DEPTH: 3'-0" TO 6'-0"

**DIRECTIONS TO SITE**

RT.70 WEST, EXIT AT RT.97 (EXIT #76) & GO SOUTH TOWARDS COOKSVILLE TO A R/T ONTO FREDERICK RD. (RT.144). GO APPROX. 2 MILES TO A R/T ONTO MORGAN STATION RD. (BAR ON CORNER). GO APPROX. 2 MILES TO A L/T ONTO CHESSIE CROSSING WAY, R/T INTO 1ST DRIVE PAST #742. SITE IS 1ST HOUSE ON LEFT.

MAP #
3
GRID
H-7

**Samuel & Ann Mulhollen**  
 760 Chessie Crossing Way  
 Woodbine, Maryland 21797  
 Howard County

HOME PHONE: 410-489-7990  
 OFFICE PHONE 1: 410-993-6318 (Mr.)  
 OFFICE PHONE 2:

PERMIT SET  
 DATE: 09-28-04

SITE PLAN		ZONE: ONE	
LOT: 25	SUBDIVISION NAME: CHESSIE CROSSING	DISTRICT: 04	PIN #: 353625
SCALE: 1"=100'	BY: J.L.R.	DATE: 9/28/04	JOB NUMBER: TT04-8111
			SHEET #: S-1

REVISIONS:
00/00/00