

11-15-97
ASAP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59246-A

A REPAIR

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 410-313-2650

341515

DATE 12-5-97

DATE SYSTEM APPROVED 12/22/97

INSPECTOR CW

INDEXED

Jack Fyock Septic Services

IS PERMITTED TO INSTALL ALTER X

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland PHONE 410-988-9270

SUBDIVISION LOT A-1 ROAD 8218 Reservoir Road

PROPERTY OWNER Lawrence E. Altman 301-490-2907

ADDRESS 8218 Reservoir Road
Fulton, Maryland 20759

SEPTIC TANK CAPACITY 1000 GALLONS

**BUILDING PERMIT SIGNED
AND RETURNED**

NUMBER OF BEDROOMS 3 37303 800140604-IG POOL

 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED

Call for inspection when ground is opened so sanitarian can recommend repair.
12/08/97

PLANS APPROVED BY DATE

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

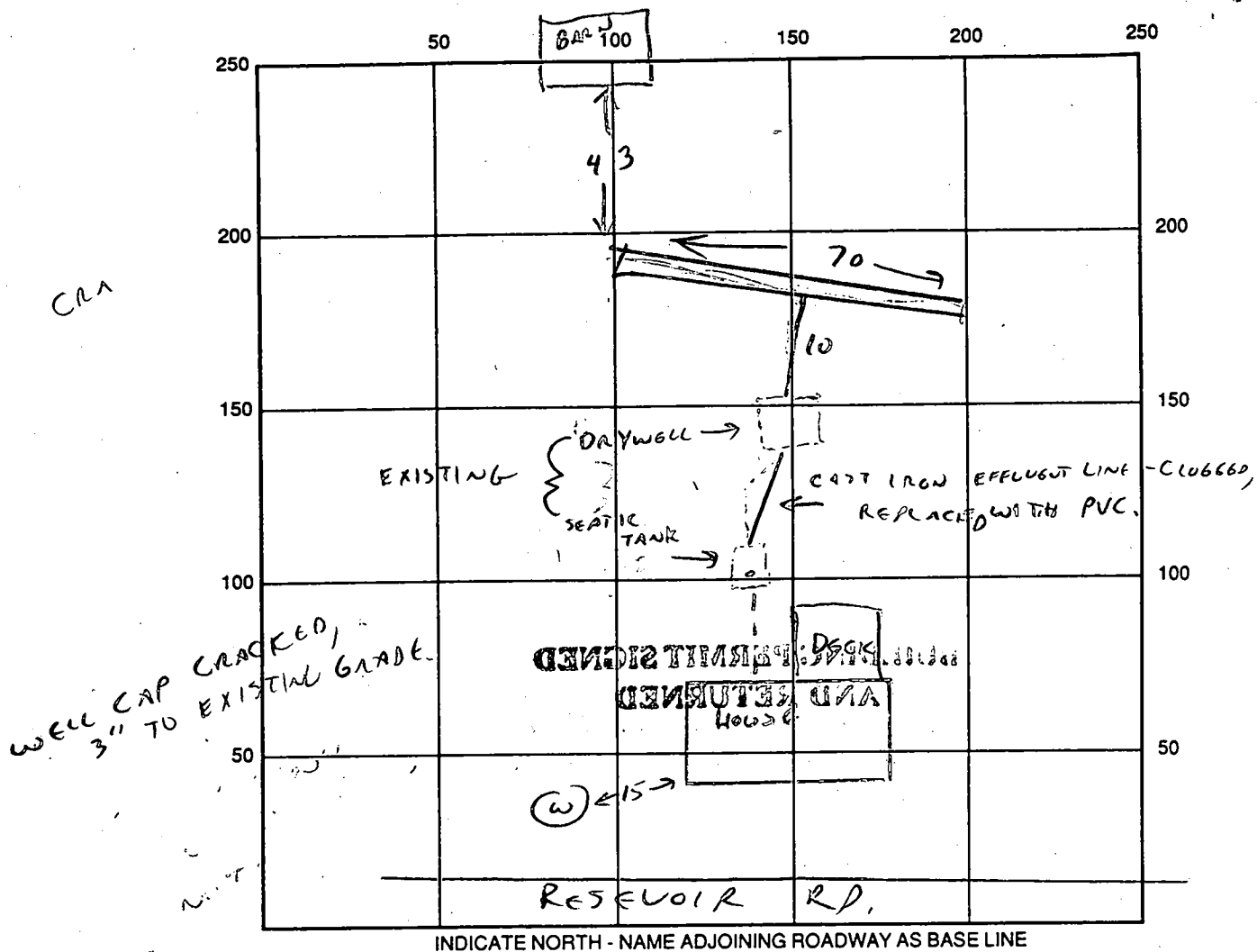
PERMIT VOID AFTER TWO YEARS

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**

P 59246-A



SEPTIC TANK LEVEL EXISTING CLEANOUTS AT GRADE

DISTRIBUTION BOX LEVEL N/A

DRAIN FIELD/TITLE DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 420 SQ. FT.

DRYWALL INSIDE DIAMETER EXISTING FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 12/15/97 EXISTING SEPTIC TANK CLEANOUT FLUSH WITH GRADE 5' FROM DECK POST.
CLOGGED CAST IRON EFFLUENT LINE REPLACED. TRENCH ADDED AS OVERFLOW TO DRYWELL.

DATE SYSTEM APPROVED 12/15/97 INSPECTOR CW100

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 7/1/75

P 21750
58945-B
A 19606

8/15/75 ready
Lawrence E. Altman, III

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 11810 Route 216, Fulton, Maryland

PHONE 498-0177

A SEWAGE DISPOSAL SYSTEM LOCATED AT

3218 PER OP2 9-4-97

SUBDIVISION

ROAD Reservoir Road

LOT A-1

PROPERTY OWNER Lawrence E., III and Barbara Altman

ADDRESS same as above

SPECIFICATIONS 3 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL - To have 135 sq. ft. effective absorbent sidewall area per bed-
room below inlet. Inlet to be 4 1/2 ft. below original grade and maximum depth 11
ft. Locate dry well 77 ft. from front property line and 115 ft. from left property
line as seen when facing lot from unnamed road (right-of-way).

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.
PERMIT VOID AFTER THREE 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 ACCEPTED.

PLANS APPROVED BY Donald W. Monaghan

DATE 3/19/74

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK
UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE
SUCCESSFUL OPERATION OF ANY SYSTEM.

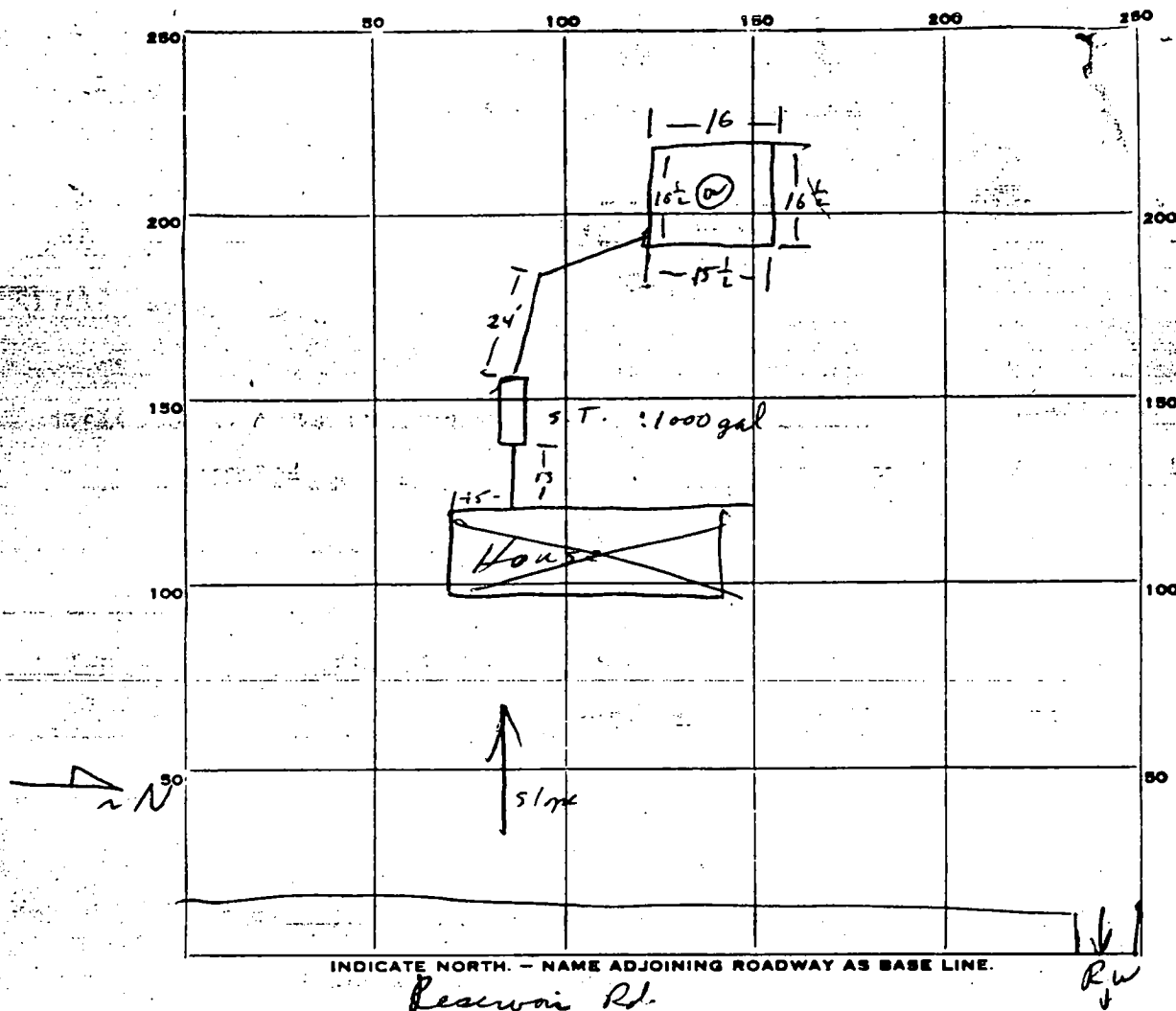
OLDG. PERMIT SIGNED

AND RETURNED 8-29-97

Serial # 204107499

addition re BP.

A
11616
58945-B



PERMIT CARD _____

SEPTIC TANK, LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER Perimeter 64.5 FT. DEPTH BELOW INLET 6 1/2 FT.

ABSORBENT AREA 419 SQ. FT.

REMARKS (inv. @ 5' @ can, 3' @ other) (4 1/2' inv)

(- unable to locate lot lines)

24.5
6.5
32.85
38.80
419

8/15/75

R. M. Smith

APPLICATION

A 19606

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5DATE 3/1/74

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 Lawrence E. Altman, III and Barbara Altman, his wifeADDRESS 500 Thayer Avenue, Apt. 301, Silver Spring, Md. PHONE 588-9556 (dial 8)

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. A-1ROAD AND DESCRIPTION Reservoir Road - off Lime Kiln Rd. - 3rd driveway off Lime
(Mail box has 8216 Reservoir Rd.) Kiln Rd. on Reservoir Rd.SIZE OF LOT 43,560 sq. ft. TYPE BLDG. 3
Lawrence Altman, Jr.NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

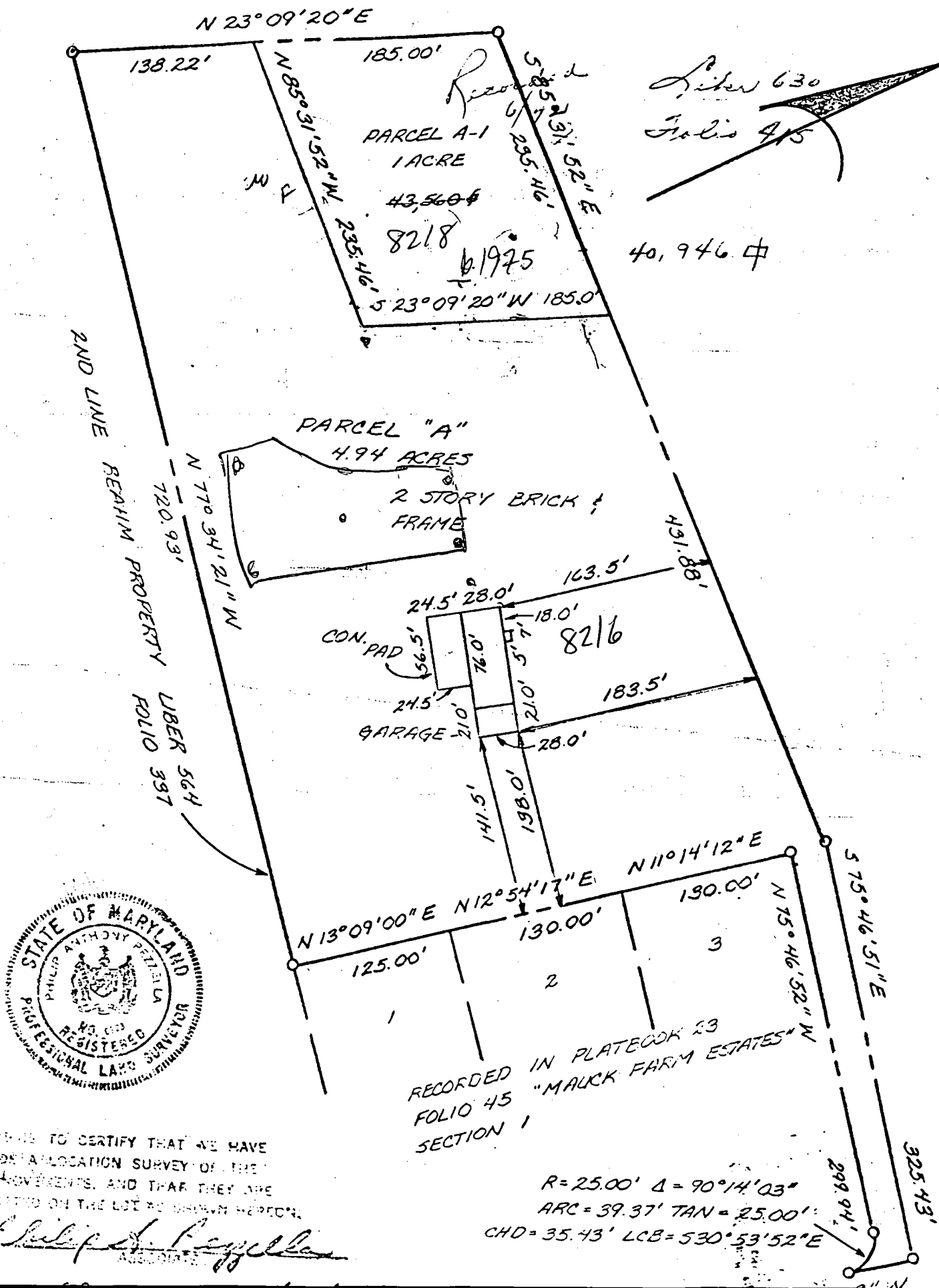
THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT Lawrence E. Altman, IIIAPPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



SITE INSPECTION SHEET

OWNER: Lawrence E Altman III

DATE REQUESTED: 3-25-92

PHONE #: _____

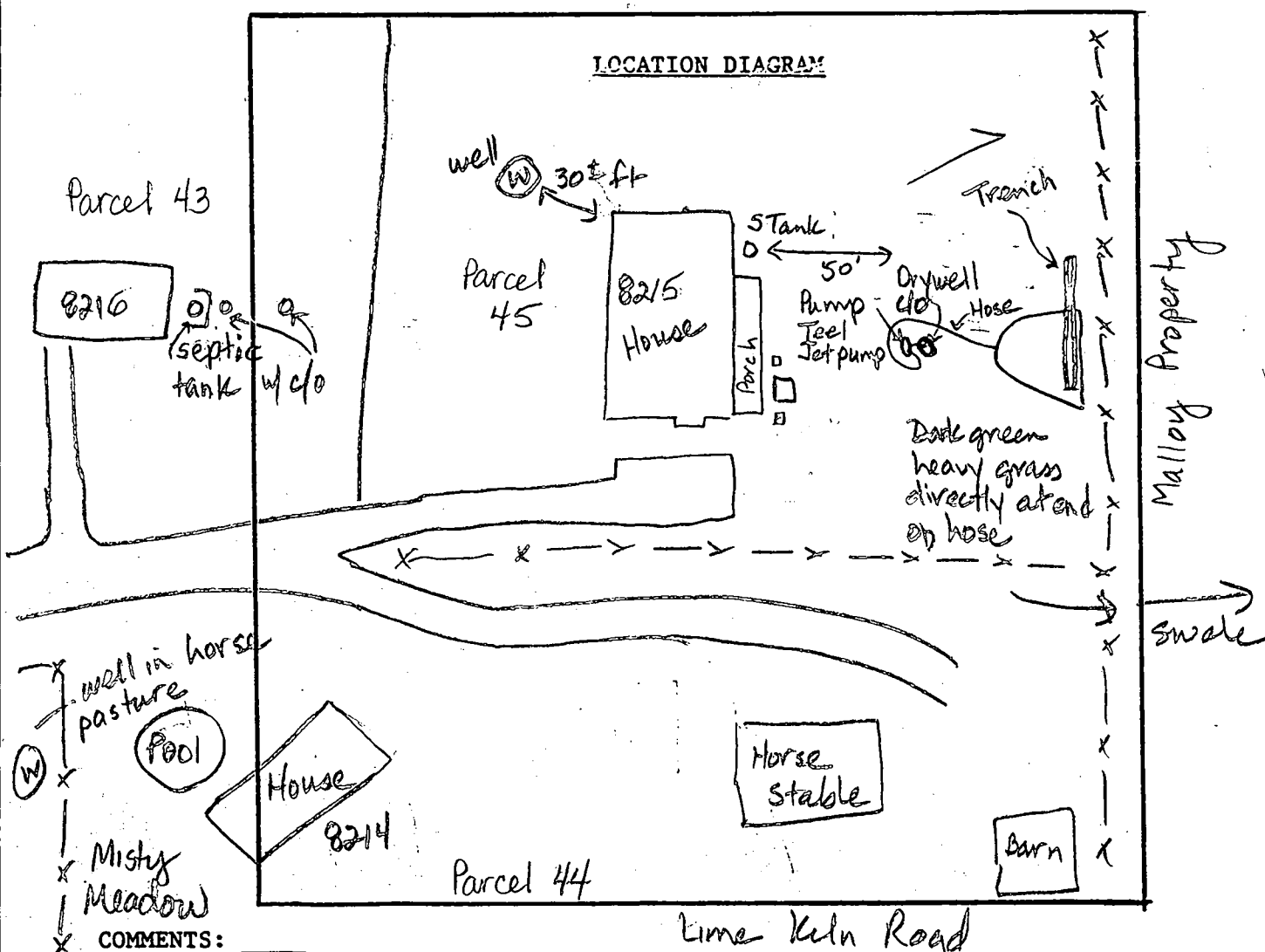
CONTRACTOR: _____

ADDRESS: 8215 Reservoir Road
Fulton, Maryland 20759
Map 45 P 45 Grid 6

WELL TAG #: 1975 house built
None - Campbell

COUNTY #: A 19606

PROPOSAL: During percolation testing on adjacent property, observed
a drywell at this address with a jet pump connected to cleanout.
Liquid level in cleanout was about 10 to 12 feet below top of pipe.



COMMENTS:

Time Keln Road

other end of pump was connected to garden hose which bled off
onto lawn. Large green, lush, grass growth directly below hose.
Took photo from adjacent lot w/ Bob Barnes. No-one home when observations
were made. No odor - windy. Drywell not full now. 10 ft deep.

DATE:

INSPECTOR:

3-25-92

James E. Naderen

OWNER REPORTS:
DECK (EXISTING)
5' TO FANK.
ADDITION TO BE
30' TO WALL.

5 TO
ADDITION TO BE
30 TO WELL

ADDITION OK
SEE AMENDMENT
TO ~~OF~~ 8/25/97 LETTER

MR 8/29/97

PAGE 1

ARCEL A.
L. Joyner

401010, sep 20 1971

20 11-12-66

81

well

APR 22
1960

500

7. 10. 1940

U.S. DEPT. OF JUSTICE

N 15° 00' 00" E 1120.00' N 11° 00' 00" E 120.00'

RECORDED IN BOOK 25
PAGE 15
SECTION 1

$\Delta = 35.00'$ $\Delta = 90^\circ 14' 00''$
 $\text{ARC} = 59.37'$ $\text{TAN} = 25.00'$
 $\text{CHD} = 55.45'$ $\text{LCB} = 53^\circ 58' 57''$
 $61^\circ 44' 00''$
 $40.00'$

RESERVOIR - R240

ENGINEERING AND
PLANNING
SURVEYING
BY
ROBERT E. DEER,
ASSOCIATE
BALTIMORE
COLUMBIA, MD.
410-766-2222

1. *Chlorophyll a* (Chl *a*)

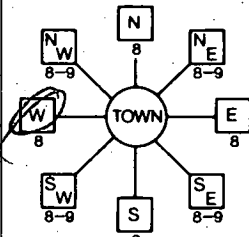
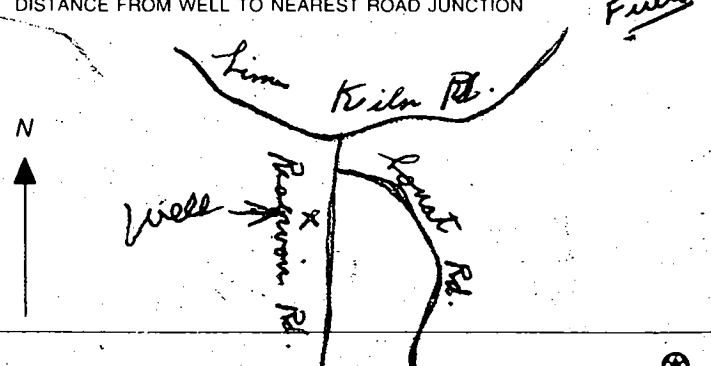
100-443887-127

WICKHAM FARM ESTATES - PARCEL A

1st ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

DRAWN BY JOHN J. JOHNSON

C1	3490	SEQUENCE NO. (MDE USE-ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
1 2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
ST/CO USE ONLY DATE RECEIVED MM DD YY 8 1 13		DATE WELL COMPLETED MM DD YY 7 17 01		Depth of Well 22 280 26 (TO NEAREST FOOT)
COUNTY NUMBER <u>P59 246 A</u> OVERSEA 9/7/01 PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>No. 94-3127</u>				
OWNER <u>Altman, Barbara + Lawrence</u> STREET OR RFD <u>8218 Reservoir Rd</u> TOWN <u>Fulton Md. 20759</u> SUBDIVISION <u>Mauck Farm Estates</u> SECTION <u> </u> LOT <u>A 1</u>				
WELL LOG Not required for driven wells		GROUTING RECORD		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) yes ☒ no ☐		
DESCRIPTION (Use additional sheets if needed) <u>Sand</u> <u>Gray Mica Rock</u> SECTION 12 W 10: P 1	FEET FROM TO		TYPE OF GROUTING MATERIAL (Circle one) CEMENT ☒ BENTONITE CLAY ☐	
	0 67 67 280		NO. OF BAGS <u>18</u> NO. OF POUNDS <u>1692</u>	
	GALLONS OF WATER <u>108</u>		DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>68</u> ft. (enter 0 if from surface)	
	67 280		CASING RECORD casing types insert appropriate code below ST CO PL OT	
	MAIN CASING TYPE <u>ST</u>		Nominal diameter top (main) casing (nearest inch) <u>6</u>	
		Total depth of main casing (nearest foot) <u>71</u>		
		OTHER CASING (if used) diameter inch depth (feet) from to		
		SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT		
NUMBER OF UNSUCCESSFUL WELLS: <u>2</u>		C2 DEPTH (nearest ft.) <u>69</u> <u>280</u>		
WELL HYDROFRACTURED yes ☒ no ☐		C3		
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		PUMPING TEST HOURS PUMPED (nearest hour) <u>3</u> PUMPING RATE (gal. per min.) <u>10</u> METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u> WATER LEVEL (distance from land surface) BEFORE PUMPING <u>36</u> ft. WHEN PUMPING <u>120</u> ft. TYPE OF PUMP USED (for test) A P T C R O J S		
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.		PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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 <u>29</u> CAPACITY: GALLONS PER MINUTE (to nearest gallon) <u>31</u> <u>35</u> PUMP HORSE POWER <u>37</u> <u>41</u> PUMP COLUMN LENGTH (nearest ft.) <u>43</u> <u>47</u> CASING HEIGHT (circle appropriate box and enter casing height) + - above below <u>2</u> (nearest foot)		
DRILLERS LIC. NO. <u>MSD024</u> DRILLERS SIGNATURE <u>Joseph + Maryne</u> (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. <u>M D</u>		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) 		
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 <u>68</u> 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 8456 1 2 3 4 5 6	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL W 515323 please print or type	STATE PERMIT NUMBER H0-94-3127 70 fill in this form completely 79
Date Received (APA) 6/27/01 8 MM DD YY 13 Owner Information Altman Barbara + Lawrence 15 Last Name Owner First Name 34 8218 Reservoir Rd 36 Street or RFD 55 Fulton Md 20759 57 Town 70 State 72 Zip 76		B 3 LOCATION OF WELL 8 COUNTY Howard 21 23 SUBDIVISION Mauck Farm Estates 42 SECTION 44 46 LOT A-1 48 50 52 NEAREST TOWN Fulton 71 MILES FROM TOWN (enter 0 if in town) 1 1/2 M I 73 76 77 78	
DRILLER INFORMATION Driller's Name Joseph L. Mayne 76 License No. MSD 24 81 Firm Name Joseph L. Mayne Well Drilling Address 5512 Ridge Rd. Mt. Airy, Md. 21771 Signature Joseph L. Mayne 6/27/2001 Date		B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 8218 Reservoir Rd 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 310 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: BLK: PARCEL:	
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 PS9246 A COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 6/29/01 6/29/01 43 MM DD YY 48 CO SIGNATURE EXP/DATE NORTH GRID 478 000 55 EAST GRID 0816 000 63	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, DEWATERING ☐ PUBLIC WATER SUPPLY WELL ☐ TEST, OBSERVATION, MONITORING ☐ GEO-THERMAL		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 816 N 478 7/17/01 Groat X 9:00 7/17/01 No Insp. 000 000	
APPROXIMATE DEPTH OF WELL 300 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH		METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) 37 CABLE REVERSE-ROTARY Drive-POINT other	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☐ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☒ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER G PERMIT No. H0-94-3127 70 71 72 73 74 75 76 77 78 79			
SPECIAL CONDITIONS NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.			

SITE INSPECTION SHEET

OWNER: Altman

DATE REQUESTED: 6/27/01 1:00

ADDRESS: 8218 Reservoir Rd
Fulton

DRILLER/CONTRACTOR: Joseph Mayne

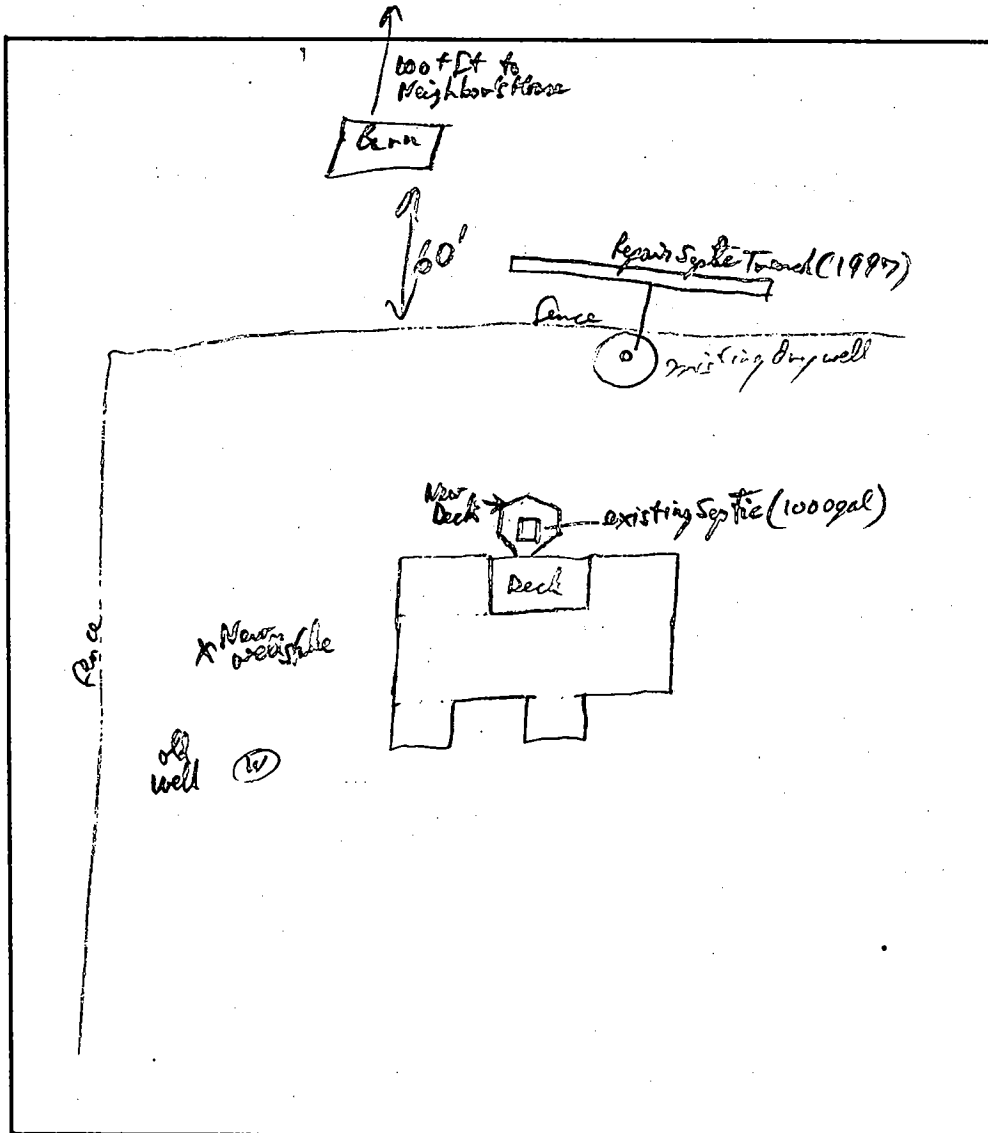
WELL TAG NUMBER: _____

TAX & PARCEL: Tm 45 Parcel 45

COUNTY: _____

PROPOSAL: repl well requested - existing well is
nearly out of water

LOCATION DIAGRAM



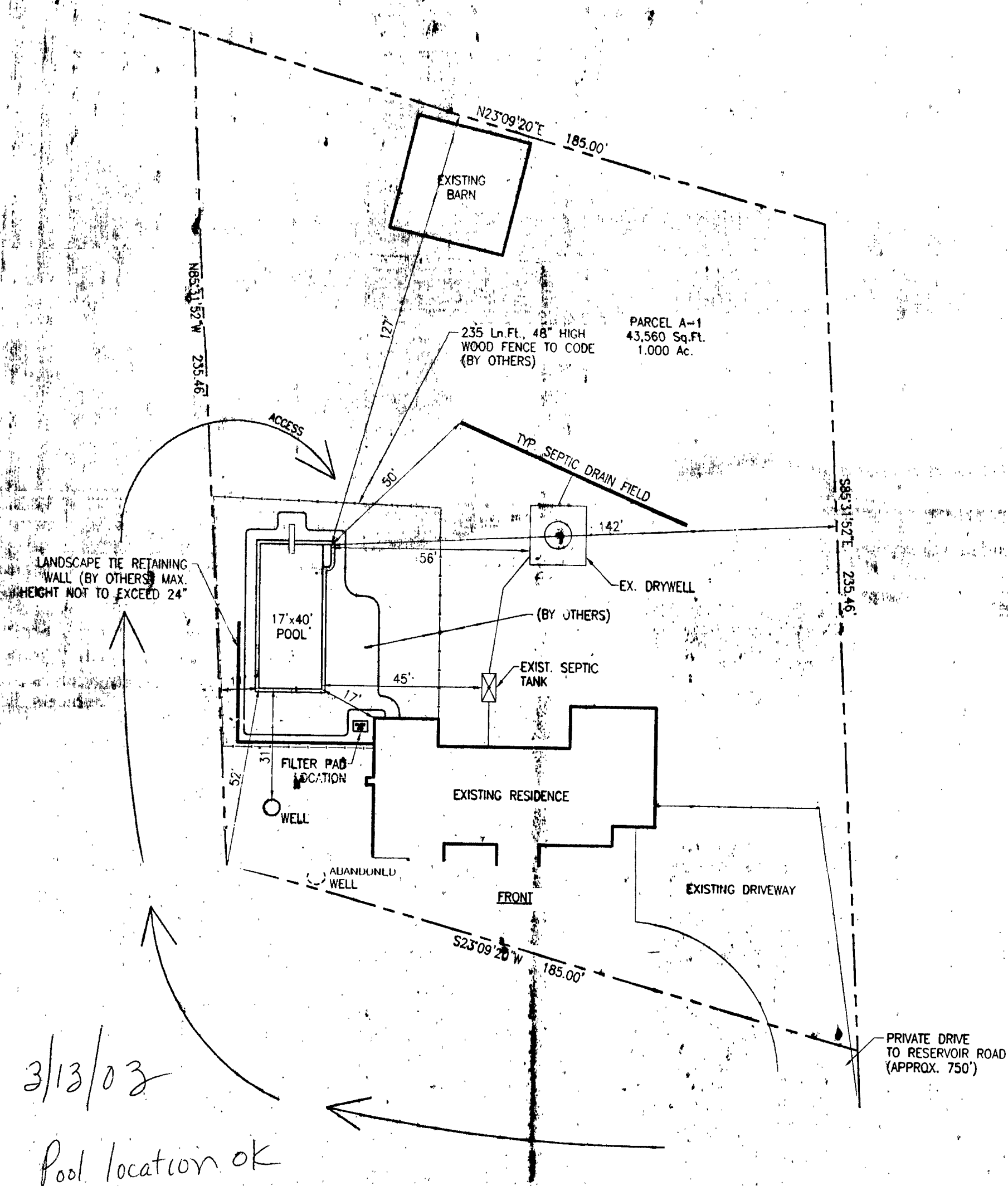
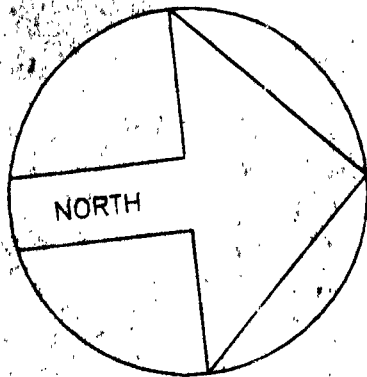
COMMENTS: New well ok as stated. OK to place well permit. App'd 6/27/01

DATE: 6/27/01

INSPECTOR: Paul D. Pinsky

SETBACKS:	
REAR PL.	10'
SIDE PL.	10'
HOUSE	0'
SEPTIC	20'
WELL	30'

PRIVATE WELL & SEPTIC



3/13/03

Pool location ok

BP00140664

(EN) / SRK

SITE PLAN

1"=30'

PARCEL A-1

8218 RESERVOIR ROAD

MAP 45, GRID 6, PARCEL 45

ACCOUNT #341515

ZONED RRDEO

ELECTION DISTRICT NO.5

HOWARD COUNTY, MARYLAND

Both Customer and Salesman agree that this drawing, access, elevation & location of all equipment and appurtenances are in agreement. Any changes from this drawing must be approved in writing by the Customer and MPI.

CHECKED BY - SALESMAN

CHECKED BY - CUSTOMER

DIRECTIONS: ROUTE 32 WEST TO 29 SOUTH TO 216 WEST FOLLOW TO L FOLLOW TOL/T ONTO RESERVOIR RD. FOLLOW TO SITE ON R (8218 RESERVOIR ROAD)

MAP BOOK:

Co.: HOW.

MAP: 18

GRID: E-7

MARYLAND POOLS

9515 GERWIG LANE - SUIT
COLUMBIA, MARYLAND 21046
410-995-6600 BALTIMORE
301-621-3319 WASHINGTON