

9-4-98
CO. 100

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-354516

P 510630

A 43329

DISTRICT 4th

DATE 8-19-98

DATE SYSTEM APPROVED 9/4/98

INSPECTOR KM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

INDEXED

Arnold Backhoe & Septic Services

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797

PHONE 410-795-7873

SUBDIVISION Pleasant Hills

LOT 13

ROAD 2041 Watkins Way

PROPERTY OWNER Arn & Lisa Halpin

ADDRESS

BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1250 GALLONS

AND RETURNED

1-13-05 800/51887- Sun Room + DECK

NUMBER OF BEDROOMS 4

300 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 400

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below grade. 1.5 feet of stone below distribution pipe.

LOCATION - Starting from the end of the flag-stem, place the distribution box 290 feet down the 1011.27' lot line and 80 feet off the same lot line as seen when facing the lot from Watkins 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.

PP 6/29/98

PLANS APPROVED BY Donna K. Soe

REVISED DATE 06/17/98

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)

**BUILDING PERMIT SIGNED
AND RETURNED 11/8/2001
INGROUND POOL
BOO 128103**

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

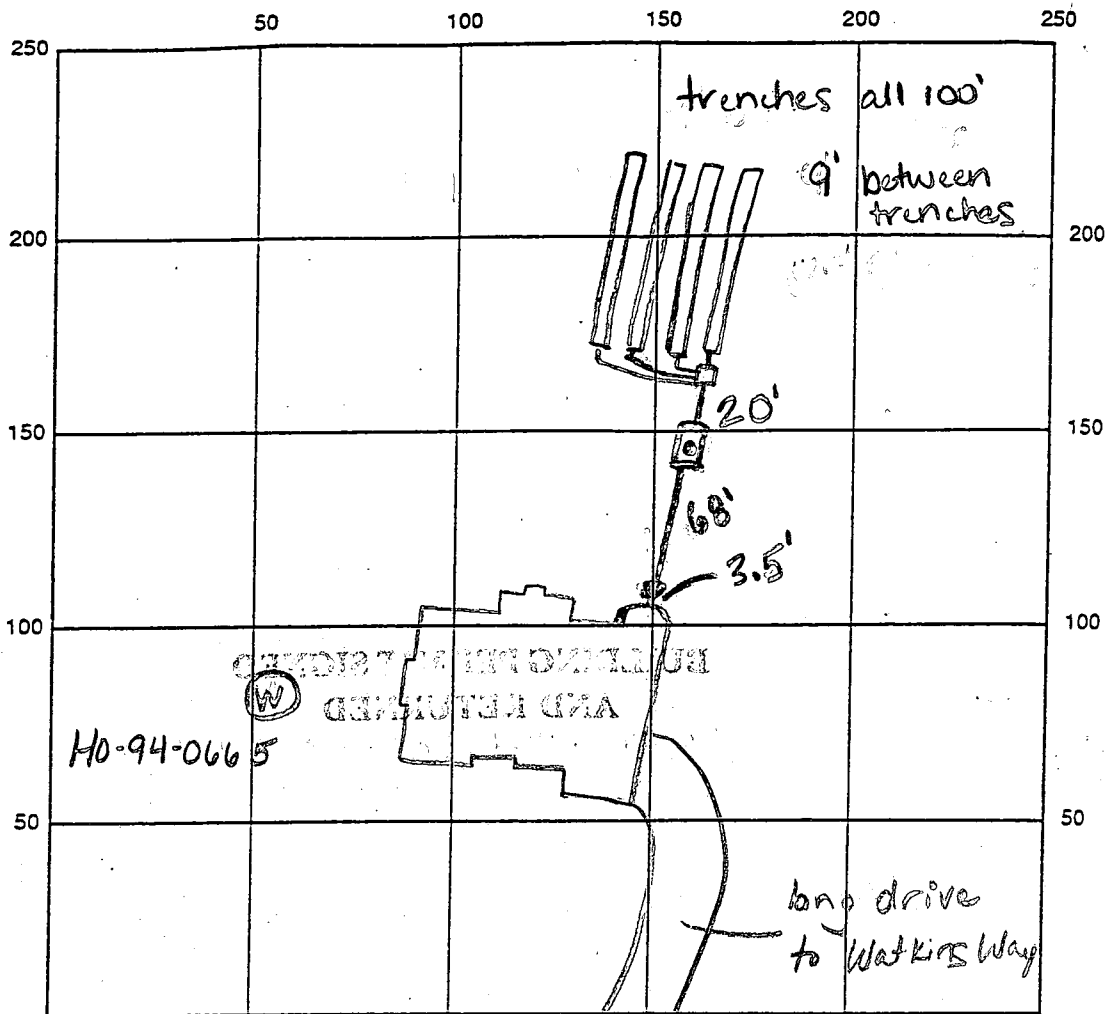
PERMIT VOID AFTER TWO YEARS

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**

443329



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 1250 gallons

CLEANOUTS 1 on tank, 1 at house

DISTRIBUTION BOX LEVEL OK, baffle in

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT.

TOTAL LENGTH 100x4 FT. → 400'

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 1200 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 9/4/98 WPI-OK to cover, line sleeved out of house, PA 3'

below grade, casing 1' above grade, has 2 Disco cap, needs electrical conduit KM

9/4/98 has house conn, OK to cover all work KM

DATE SYSTEM APPROVED 9/4/98

INSPECTOR Kim Maisto

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

A 43329

P _____

DISTRICT 474

DATE 1-4-89

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 Nelvon M. Watkins ARN & LISA HALPIN

ADDRESS 26311 Howard Chapel Road PHONE (301) 859-0563
Damascas, MD 20878

PROSPECTIVE BUYER Standard Management Corporation

ADDRESS 10324-B Baltimore National Pike PHONE (301) 859-0563
Ellicott City, MD 21043

PROPERTY LOCATION:

SUBDIVISION Pleasant Hills LOT NO. 13

ROAD AND DESCRIPTION Off of long Corner Road (2041 Watkins Way)

TAX MAP 12 PARCEL # 5 BLDG. PERMIT # 61571
AND RETURNED 6-17-98 BLDG. PERMIT SIGNED
Serial # B7012241 AND RETURNED 11-3-95
S.F.D - 4 BRMS

SIZE OF LOT 5.50 Ac. TYPE BLDG. Single Family
(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. Forid K...

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-27-89 Per Satisfactory hold for PERM. SW

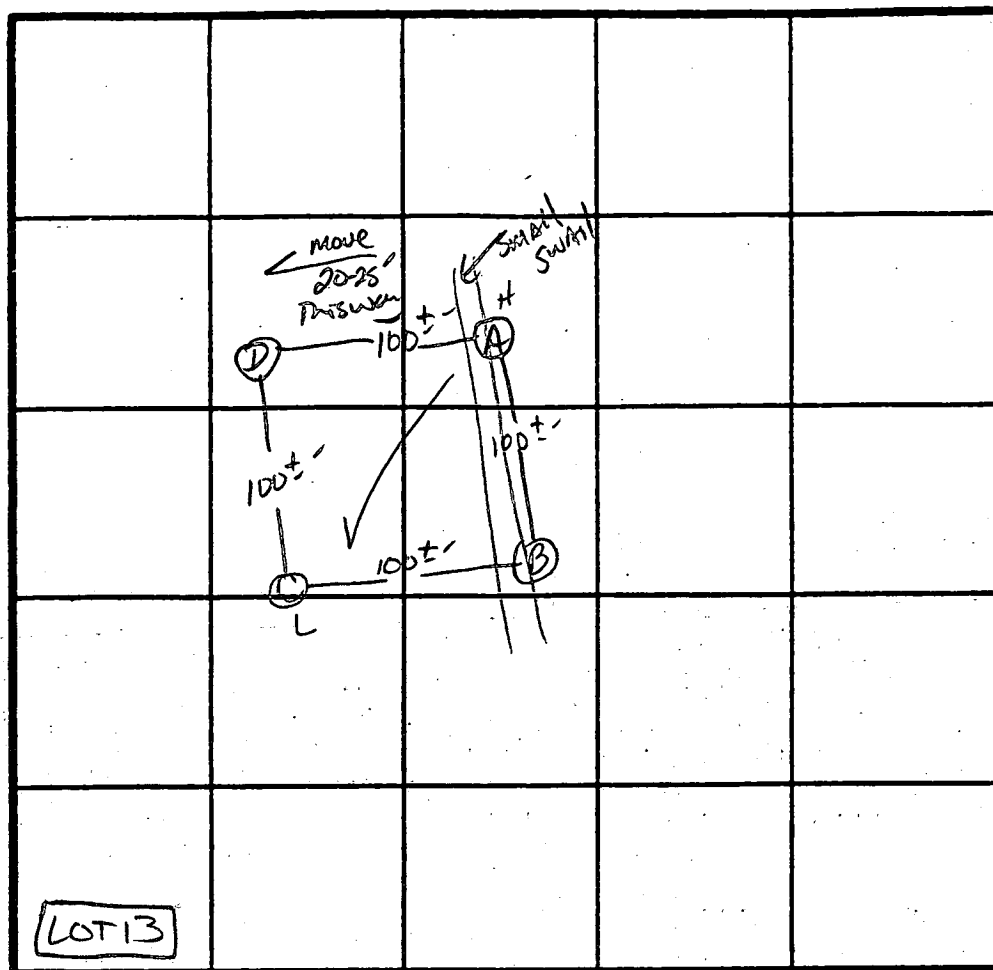
HD-216

THIS IS NOT A PERMIT

43329

(B) SOIL PROFILE

0	AP
8"	Yellow Br Silty clay loam 10-15% Frags
3-3.5'	Strong Brown → Yellow Br Silty Sand loam Shaly 20-35%
12'	



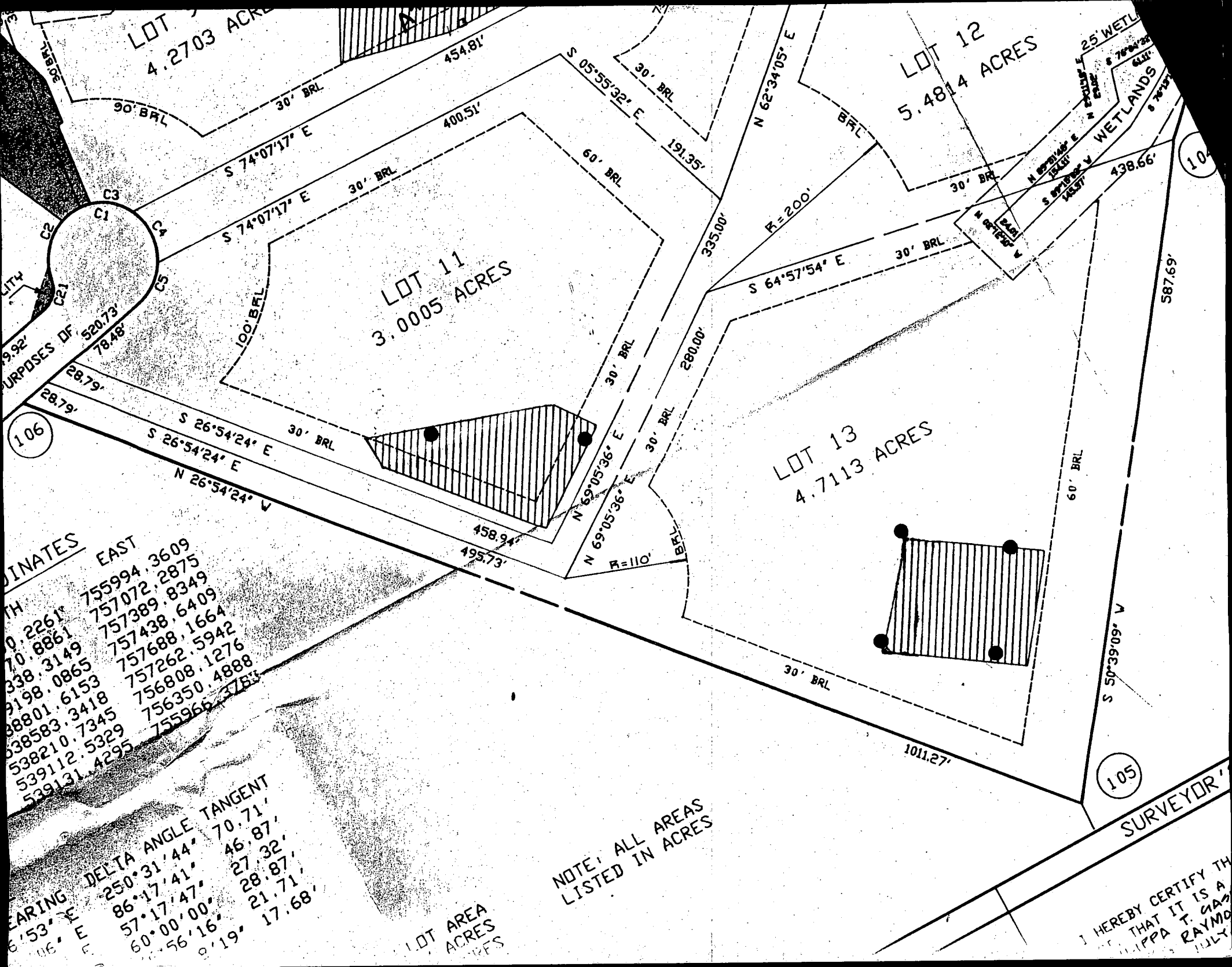
$\bar{x} = 17 \text{ min}$
 240 ϕ /BR
 Inlet 3.5'
 Bottom 5.0'

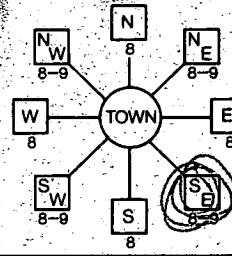
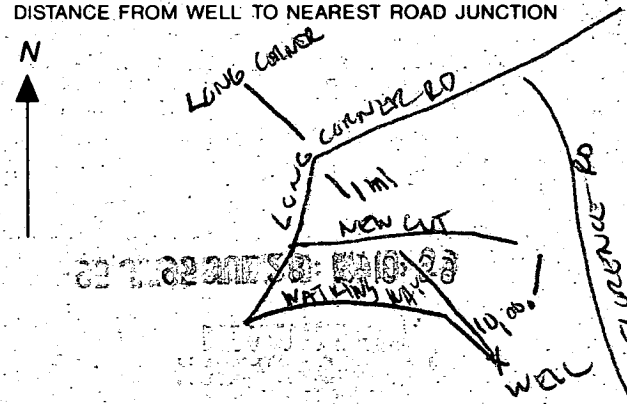
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

LONG CORNER Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/27/89	BS	3.5'	10:15	10:17	10:17	10:21	4 MIN
	CV	12'	AS Profile				
	CS	3.5'	10:16	10:21	10:21	10:40	19 MIN
		13'	Similar	to profile			
	DS	3.5'	10:16	10:30	10:30	10:59	29 MIN
		11.5'	Similar	to profile			
	AS	3'	10:22	10:39	10:39	11:10	31 MIN
	AM	6'	10:19	10:20	10:20	10:23	3 MIN
	AV	12.5'	Similar	to profile	with mass frags at	11-12'	less clay

REMARKS Penced AS STAKED AND APPROX TO PLAT. - SHALLOW SYST ONLYTYPE OF SOIL mt AiryTESTED BY S. AbelALSO PRESENT JACK F. ROCKY, Jeff Allen



B 1 1527	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER H0-94-0665 <small>fill in this form completely</small>
Date Received (APA) 072895		B 3 LOCATION OF WELL	
OWNER INFORMATION 15 Last Name: WALTON Owner First Name: HOMES 36 Street or RFD: 19432 YOUNG ST CLIFF RD 57 Town: STERLING 70 State 72: VA Zip 76: 20165		8 COUNTY: HOWARD 23 SUBDIVISION: PLEASANT HILLS SECTION: 13 LOT: 13 52 NEAREST TOWN: LONG CORNER MILES FROM TOWN (enter 0 if in town): 1 MI	
DRILLER INFORMATION Driller's Name: Austin Garver Firm Name: Kemper-Rawa Well Drilling Inc. Address: 9125-B Bethesda Frederick Rd Signature: Austin Garver Date: 7/25/95		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.): 2 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500		11 NEAR WHAT ROAD: WATKINS WAY / LONG CORNER ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): S DISTANCE FROM ROAD: 10000 FT TAX MAP: 612 BLK: 9 PARCEL: 9	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: Howard COUNTY NO.: 13-A43329 STATE SIGNATURE: Ronald Minibley DATE ISSUED: 082395 EXP. DATE: 8/23/96 NORTH GRID: 539000 EAST GRID: 0756000	
APPROXIMATE DEPTH OF WELL: 900 FEET APPROXIMATE DIAMETER OF WELL: 66 INCH		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 <div style="border: 1px solid black; padding: 5px; display: inline-block;"> E 756 N 539 </div>	
METHOD OF DRILLING (circle one) BORED (or Augered) <input type="radio"/> JETTED <input type="radio"/> Jetted & DRIVEN <input type="radio"/> 30 AIR-ROTARY <input type="radio"/> AIR-PERCussion <input checked="" type="radio"/> ROTARY (Hydraulic Rotary) <input type="radio"/> 37 CABLE <input type="radio"/> REVERSE-ROTARY <input type="radio"/> Drive-POINT <input type="radio"/> 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 DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="radio"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="radio"/> THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE): H0-94-0665		Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER: GAP FORCE: RP PERMIT No.: H0-94-0665	
SPECIAL CONDITIONS NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =			

9/4/98
WPI OK to cover
line sleeved out of house
P.A. 3' below grade has 2 piece cap
casing, above grade needs electrical conduit

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
401-9833

APPLICATION FOR FITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt # B-A-43329
Date 9-10-98

Name of Installer Mallick Plumbing & Heating

Telephone 301-940-5860

License Number 19572

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Ann And Lisa Halpin

Telephone 301-670-7982

Subdivision Pleasant Hills Lot # 13

Well Tag # HO-94-0665

Site Address 2041 Washington Way

Pump

1. Type

- a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒

2. Make Starke

3. Model # SPH2 HL

4. Capacity 7 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, 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 ☐

Motor

1. Horsepower 1 hp

2. RPM 3450

3. Voltage 230

a. 110 ☐

b. 220 ☒

Fitless Adapter

1. Make Howard

2. Model # 1010

3. Depth 40'

Tank

1. Capacity 25 Gal.

2. Pressure relief valve? yes

Piping

1. Type Polyethylene

2. Size 1/2"

3. NSF and/or BOCA Code approved ☒

4. Depth of supply line 42"

Well data

1. Depth 380 ft.

2. Yield 6 GPM

3. Static water level 27 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: Ann Mallick

Date: September 10, 1998

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

SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY.
PLEASE PRINT OR TYPE

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

COUNTY
NUMBER **13-A 43329**

ST/GO USE ONLY
DATE Received

11 02 95

DATE WELL COMPLETED

09 06 95

Depth of Well

23 80
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

HO-94-0665

OWNER **Walton Homes**
STREET OR RFD **Watkins Way** TOWN **Long Green**
SUBDIVISION **Pleasant Hills** SECTION **13** LOT **13**

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

OVER BURDEN
SANDSTONE + SLATE HIT
WATER AT 70' 2 GPM
SANDSTONE + SLATE HIT
WATER AT 350' 4 GPM
SANDSTONE + SLATE

FROM	TO	check if water bearing
0'	25'	
25'	70'	✓
70'	350'	✓
350'	380'	

400' DRY HOLE FILLED WITH 16 BAGS TYPE II CEMENT

NUMBER OF UNSUCCESSFUL WELLS: **1**

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO. **095**

Austin Howe

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **055032**

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

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

Y **N**

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **10** NO. OF POUNDS **940**

GALLONS OF WATER **860**

DEPTH OF GROUT SEAL (to nearest foot)

from **0** ft. to **41** ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST **CO**
STEEL CONCRETE
PL **OT**
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

ST **6** **41**

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 BRONZE OPEN HOLE
PL **OT**
PLASTIC OTHER

DEPTH (nearest ft.)

HO **38** **380**

23 **24** **26** **30** **32** **36**

38 **39** **41** **45** **47** **51**

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

from to

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

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

70 **72** **74** **75** **76**

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min.)

6

METHOD USED TO MEASURE PUMPING RATE **BUCKET/TIME**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **22** ft.

WHEN PUMPING **22** ft.

TYPE OF PUMP USED (for test)

A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

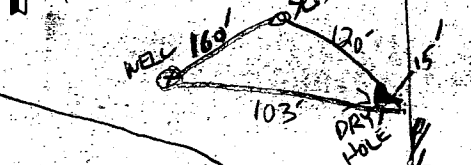
+ above **-** below

LAND SURFACE (nearest foot)

50 **51**

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)

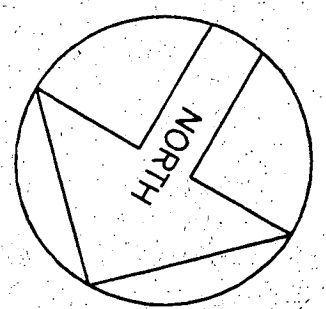
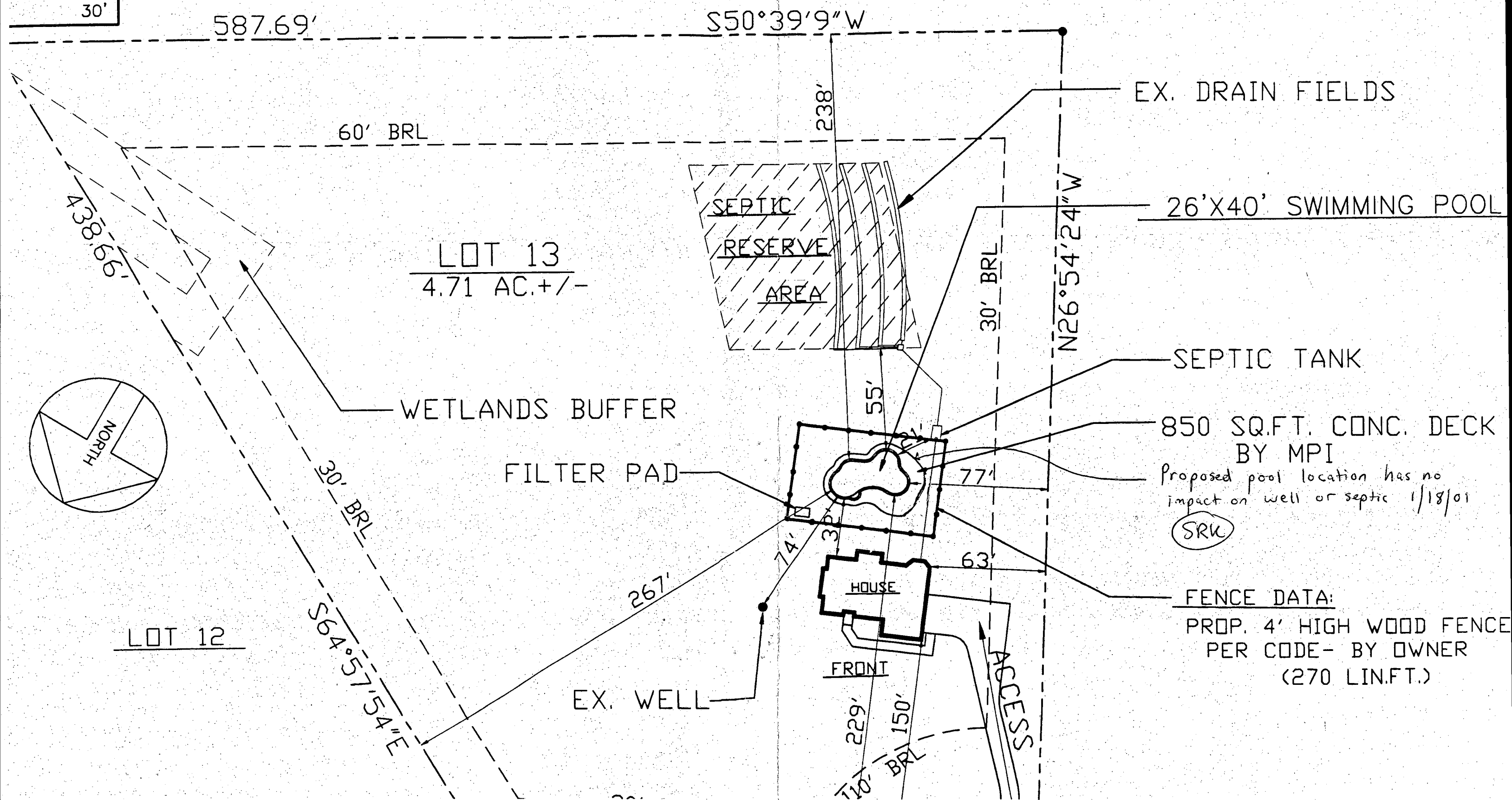


COUNTY

CKS:	
PL.	10'
PL.	10'
	0
	20'
	30'

PRIVATE WELL
& SEPTIC

NOTE: A VACUUM BREAKER
WILL BE INSTALLED
ON JOB AS PER
CODE.



FENCE DATA:
PROP. 4' HIGH WOOD FENCE
PER CODE- BY OWNER
(270 LIN.FT.)

S64°57'54"E
438.66'

30' BRL

LOT 13
4.7113 ACRES

S50°39'09"W
587.69'

APPROVED
WALK-THRU BUILDING PERMIT
BP# 602157887 A# 43329
APP. SAN PA Y. DATE: 1-13-05
DESC. OF WORK: ADDITION OF
SURFAC + DECK

EX. WELL

SEPTIC AREA
PER PLAT

270.5' ±

SEE
DETAIL

C/O
SEPTIC
TANK

60' BRL

30' BRL

N26°54'24"W
1011.27'



SURVEYOR'S CERTIFICATE

"I HEREBY CERTIFY THAT THIS
HAS BEEN PREPARED IN A
COMAR 09.13.08.06 EFFECTIVE

Wilmer O. Lankford
WILMER O. LANKFORD
REGISTERED SURVEYOR MARYLAND
FOR CORP. NO. 257

REFERENCES	REFERENCES	DATE OF LOCATIONS	SCALE:
NO. 10512	LIBER N/A	WALL CHECK: 7-13-98	DRAWN BY:
	FOLIO N/A	HSE.LOC.: 2- 3-99	JOB NO.:
		DWG: 98019L.DWG	