

Approved 11/4/83

11/2/83  
3:00 P.M.  
11/3/83  
11/4/83  
3:00 P.M. or later

# PERMIT

P 33243

A 32717

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

05-393434

ELLICOTT CITY  
DISTRICT 5th

INDEX

DATE Oct 19, 1983

William Smith IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 38, Darlington, MD 21034 PHONE 879-7641

SUBDIVISION (Coleview) ROAD 6930 <sup>GUILFORD RD</sup> ~~Route 32~~ LOT 3

PROPERTY OWNER Adolph G. Swatch **MIKE & ROXANNE MASSARELLI**

ADDRESS 6552 Walnut Grove, Columbia, MD 21044

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO

**BUILDING PERMIT SIGNED AND RETURNED**  
61903 B00142479-AG POOL

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 3 ft. below

original grade. Bottom maximum depth 8 ft. below original grade. Effective area

begins at 3 ft. below original grade. 5 ft. of stone below distribution pipe. NOTE:

(1) No trench to exceed 100 ft. in length; (2) if more than one trench used, a distribution box is required; (3) Trenches to be installed on level ground; (4) Call for inspection of trench before gravel is installed; (5) provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell; and (6) If Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%. LOCATION: Start first trench 150 ft. from the left lot line and 200 ft. from the back lot line as seen when facing the property from Route 32. Run trench(s) along level ground towards either side-line of property.

PLANS APPROVED BY Craig Williams DATE 7/21/83

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

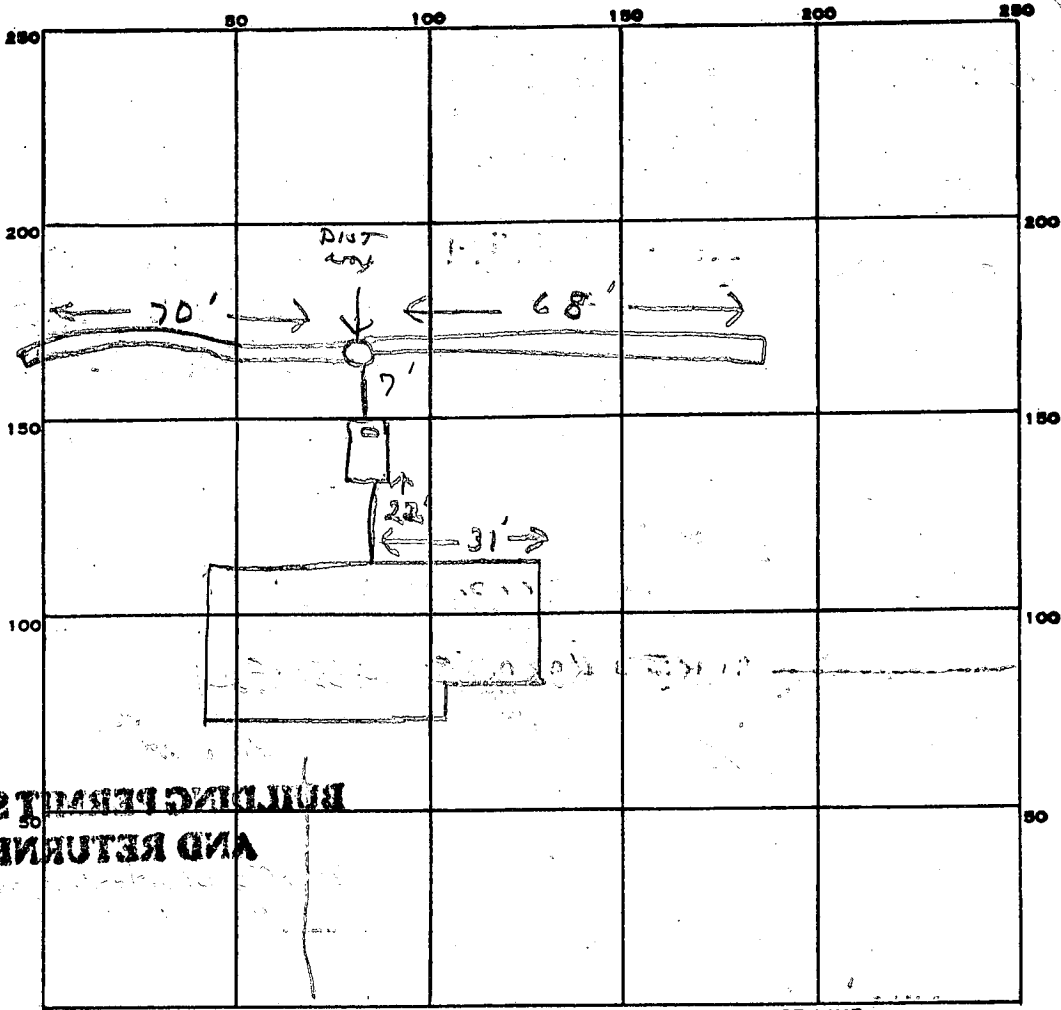
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

BLDG. PERMIT SIGNED AND RETURNED 10/30/84  
Serial # 01577 Sheet.

A 32717

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.



158  
4  
637

BUILDING PERMIT SIGNED  
AND RETURNED

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RD #32

PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL ✓ 1250 gpd CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 138 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 690

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 690 SQ. FT.

REMARKS 11/2/83 OK to cover work to dist. box  
OK to add stone in trenches. f  
11/3/83 No stone - not ready. f  
11/4/83 OK to cover all work. f

DATE SYSTEM APPROVED 11/4/83 INSPECTOR Stayer

SUBDIVISION: COLEVIEW

LOT NUMBER: 3

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.  
 Bottom maximum depth \_\_\_\_\_ feet below original grade.  
 Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

158 sq. ft./bedroom

Trench to be 2 wide.  
 Inlet 3 feet below original grade.  
 Bottom maximum depth 8 feet below original grade.  
 Effective area begins at 3 feet below original grade.  
5 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START FIRST TRENCH 150' FROM THE LEFT LOT LINE  
AND 200' FROM THE BACK LOT LINE AS SEEN WHEN FACING  
THE PROPERTY FROM ROUTE 32. RUN TRENCH(S) ALONG LEVEL GROUND  
TOWARDS EITHER SIDELINE OF PROPERTY. 7-21-83 C. Williams

*Per*

# APPLICATION

A 32717

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

P \_\_\_\_\_  
DISTRICT 5th  
~~4th~~ DISTRICT

DATE 4/29/83

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 ROBERT C. COLE

ADDRESS 6838 GUILFORD ROAD, CLARKSVILLE, MD. PHONE 854-3370

PROPERTY LOCATION:

*Adolph G. Svatek  
@ 6930 Md. Rte 32  
Co. Md. 21044*

SUBDIVISION COLE PROPERTY LOT NO. 3

ROAD AND DESCRIPTION 1100±' EAST ON GUILFORD ROAD FROM THE INTERSECTION OF

HALL SHOP ROAD AND GUILFORD ROAD *(Rt 32)* OPPOSITE GREENHOUSE

SIZE OF LOT 3.85± ACRES TYPE BLDG. SINGLE FAMILY (DETACHED)  
(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. Robert C. Cole/Agent

(SIGNATURE OF APPLICANT)

*Arthur E. Mays*

APPROVED BY Craig Williams FOR trenches DATE 7/21/83

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

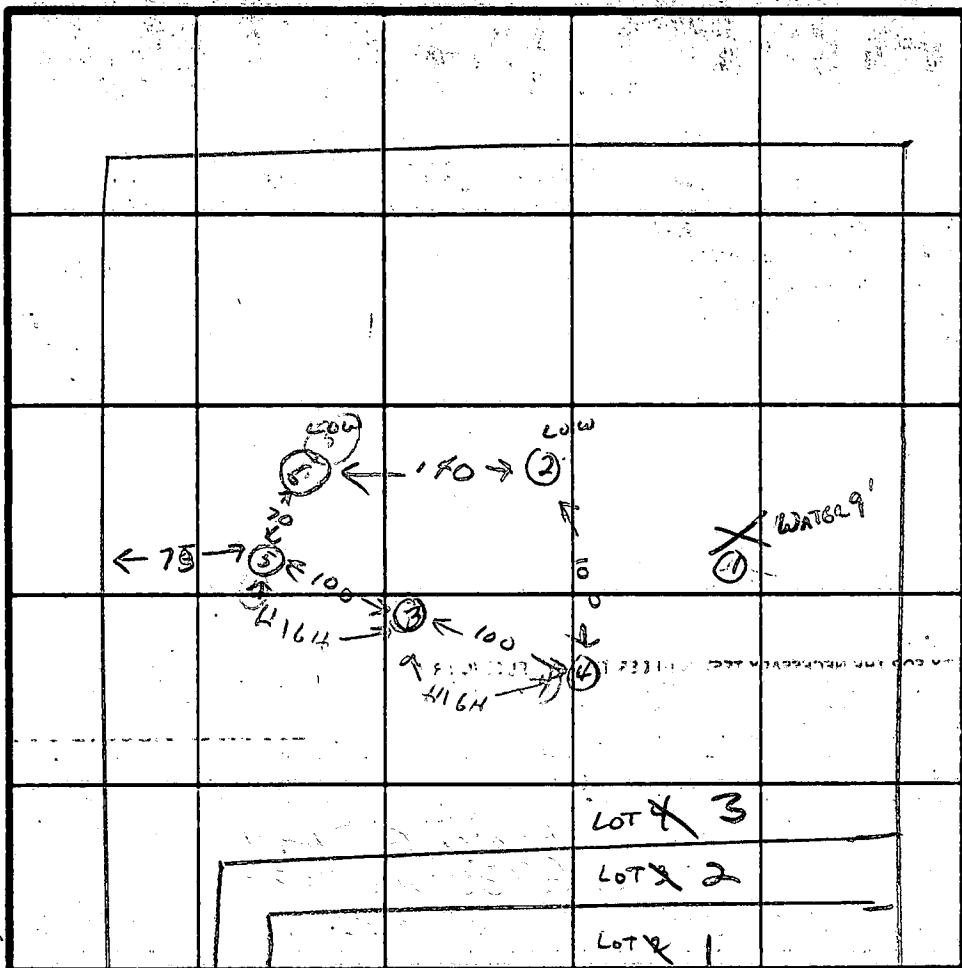
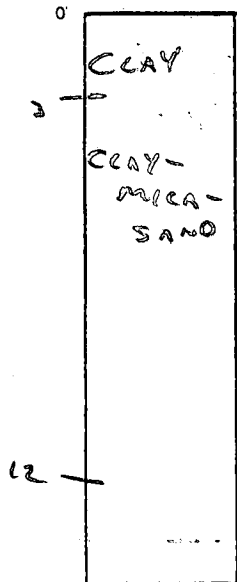
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

BLDG. PERMIT SIGNED  
AND RETURNED 8/1/83  
# 55343 for SFD

# THIS IS NOT A PERMIT

# 3-4-5-6  
SOIL PROFILE



158 9/BR.  
516 12 1/2  
513 32 1/2  
13 1/2  
127  
2 641 long driveway  
trench 3' inlet  
bottom 8'

INDICATE NORTH, NAME ADJOINING ROADWAY AS BASE LINE.

Md. Rte 32

# 1  
9 FAILED WATER

# 2  
3 CLAY  
CLAY-MICA-SAND  
11 WATER  
12

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
5-9-83	1 FAR	—	CLAY-SAND-MICA-WATER AT 9'				
5-9-83	2 LOW	3	12:06	12:22	12:22	12:43	21 MIN
		8	12:06	12:09	12:09	12:15	6 MIN
5-9-83	3	12	CLAY-SAND-MICA-WATER AT 11'				
		3	12:20	12:23	12:23	12:26	5 MIN
5-9-83	4	3	12:17	12:19	12:19	12:21	2 MIN
		8	CLAY-SAND-MICA				
5-9-83	5	3	12:36	12:38	12:38	12:41	3 MIN
		8	12:34	12:36	12:36	12:39	3 MIN
5-9-83	6	3	CLAY-SAND-MICA				
		8	12:50	12:56	12:56	1:08	12 MIN
5-9-83	6	3	12:49	12:52	12:52	12:56	7 MIN
		8	CLAY-SAND-MICA				
5-9-83	6	12V	CLAY-SAND-MICA				

7 MIN AVG

REMARKS LOW HOLE WATER AT 11'

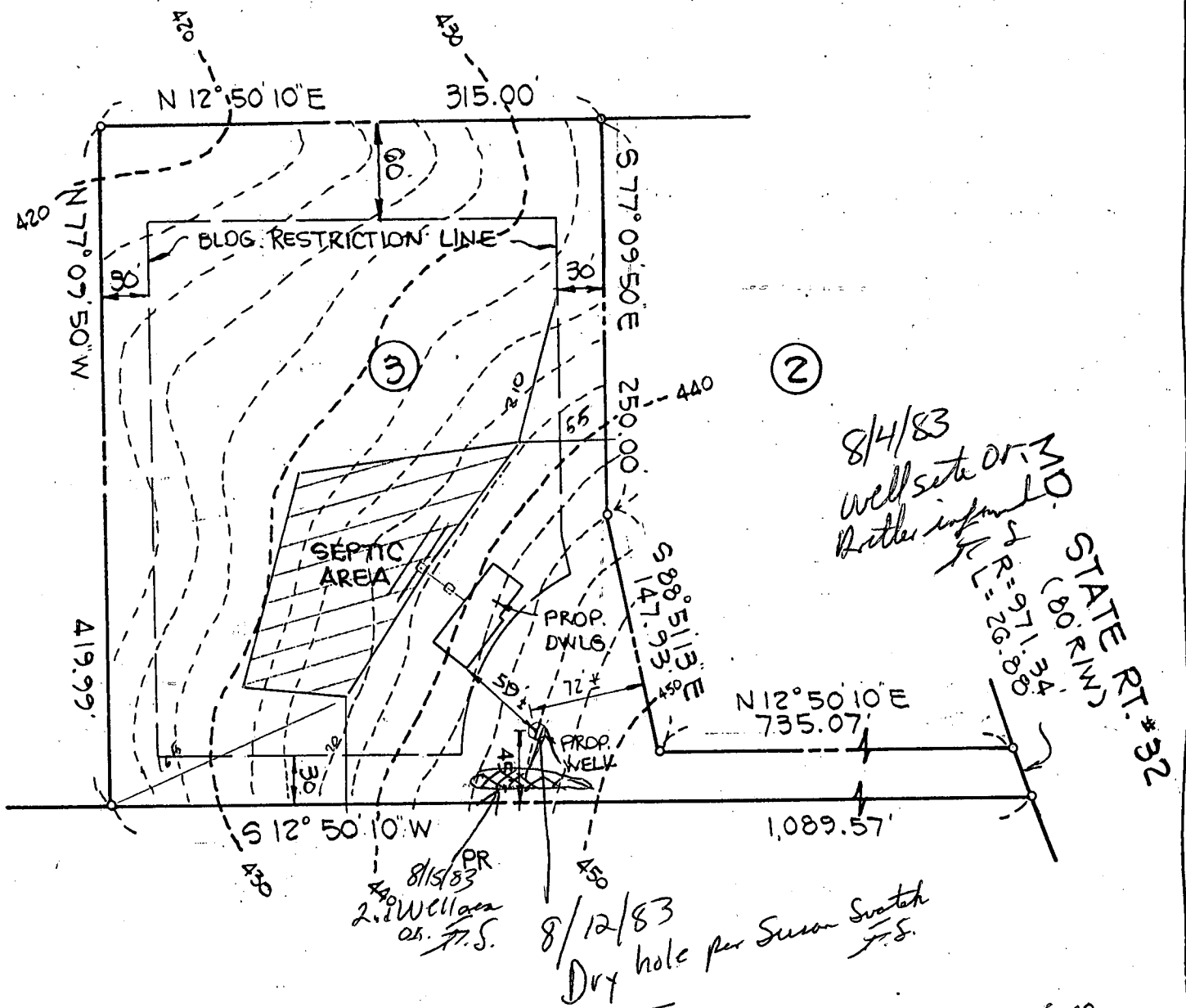
TYPE OF SOIL

TESTED BY

*C. Williams*

ALSO PRESENT

DON PALLETTE  
LARRY DREHOFF



8/4/83  
Well set at 0.75  
Driller informed  
J.S.  
STATE RT. #32  
(80.0 R.M.)  
A  
L.R. = 671.00  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z

8/15/83 PR  
2.8 Well area  
as. J.S.  
8/12/83  
Dry hole per Susan Swartz  
J.S.

100  
5 | 540  
1080

108 | 60.00  
648  
600

10.6  
5 | 53  
30

10.6 sec  
566  
10.6 | 60.000  
530  
700  
636  
-640

PLAT TO ACCOMPANY  
APPLICATION FOR  
WELL DRILLING PERMIT

FOR

LOT 3  
"COLEVIEW"  
# 5488

5 TH. ELECT. DIST.  
HOWARD COUNTY, MD.

Linda A. Oratek

**McKee & Associates, Inc.**  
CIVIL ENGINEERS & LAND SURVEYORS  
1717 YORK RD. LUTHERVILLE, MD, 21093  
252-5820

scale  
1" = 100  
date  
8-1-83  
job no.  
CC-86

B 1 **3501** SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

OEP PERMIT NUMBER **40-81-0217** fill in this form completely

Date Received **062783** OWNER INFORMATION SVATEK ADOLPH 6552 WALNUT GROVE COLUMBIA MD 21044

B 3 LOCATION OF WELL HOWARD COLEVIEW SIMPSONVILLE MILES FROM TOWN 2 MI

DRILLER INFORMATION SANDY B. COCHRAN G. EDGAR HARR SONS CORP. 12047 FALLS RD. COLCKEYSVILLE 21030

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD Route 32 ON WHICH SIDE OF ROAD DISTANCE FROM ROAD 800 FT

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A32717 COUNTY NO. OEP SIGNATURE DATE ISSUED 080483 CO SIGNATURE EXP. DATE 2/4/84 NORTH GRID 492000 EAST GRID 0823000

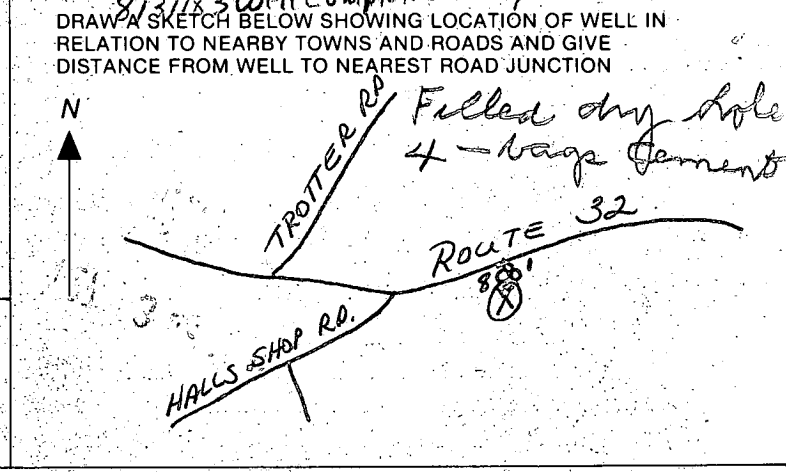
APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

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

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 8203 4902

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 THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE FS PERMIT NO. 40-81-0217



C1 4399 STATE OF MARYLAND (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A 32717

DATE RECEIVED DATE WELL COMPLETED 090183

DEPTH OF WELL 150 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0217

OWNER Svatek last name Adolph first name STREET OR RFD Md. Rte 32 TOWN Simpsonville SUBDIVISION Coleview SECTION LOT 3

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. Rows: OVERBURDEN (0-5), BROWN SHALE (5-87), GREY ROCK (87-150). Includes handwritten note: WELL #1 - 300' DRY (BACKFILLED)

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 16 NO. OF POUNDS 1600 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 90 ft.

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 90

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 90 150

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 10.17.13 "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. DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 355 METHOD USED TO MEASURE PUMPING RATE SUBMERSIBLE WATER LEVEL (distance from land surface) BEFORE PUMPING 321

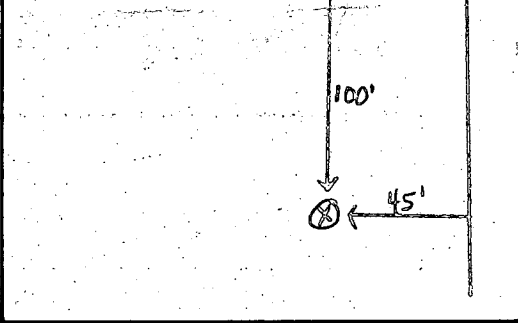
WHEN PUMPING 1436 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED

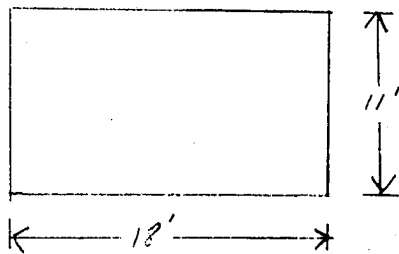
DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) above below LAND SURFACE (nearest foot)

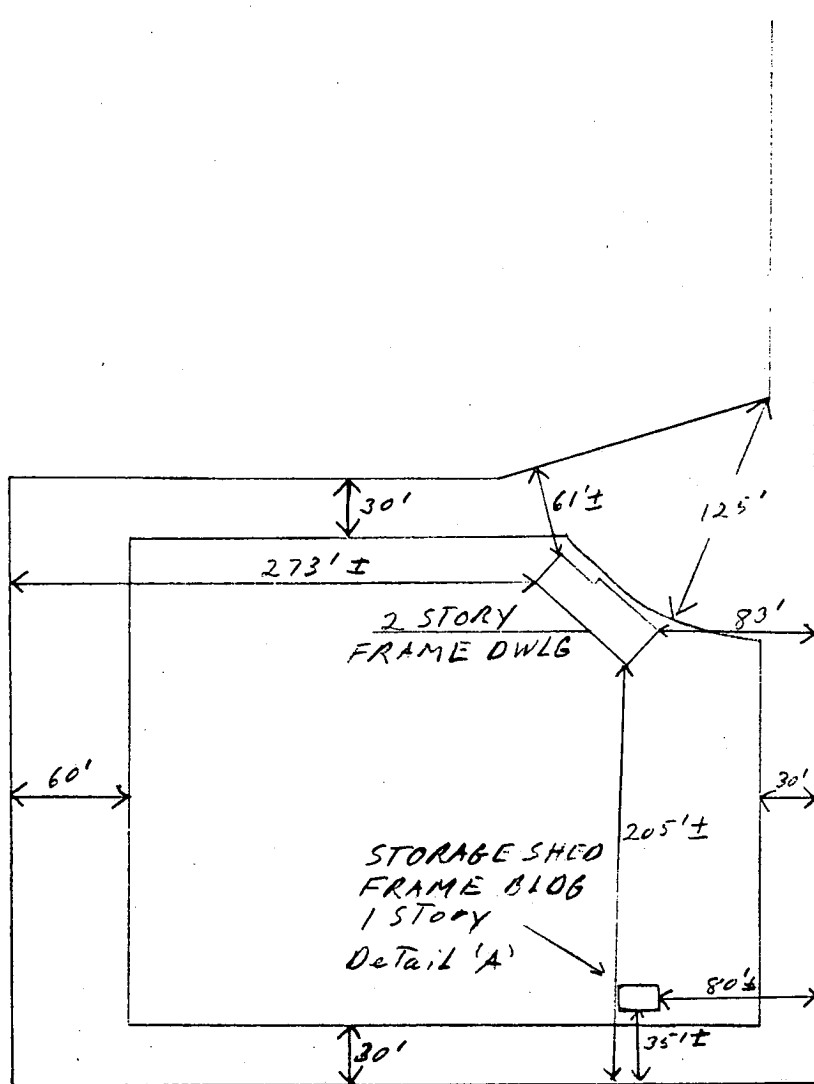
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)







Detail A  
1" = 12'



10/30/84  
Sketch for shed  
OK  
F.S.

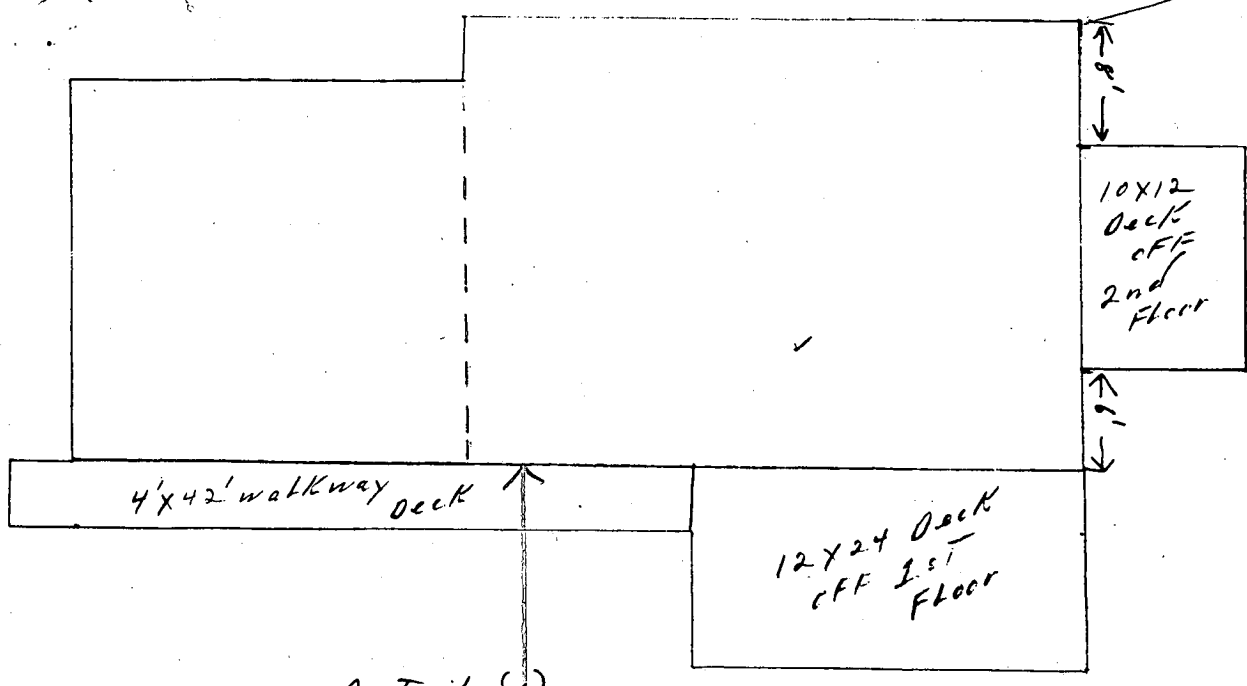
Candler  
Staats  
854-2162  
Lot 8      15792

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
OCT 22 9 14 AM '84  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

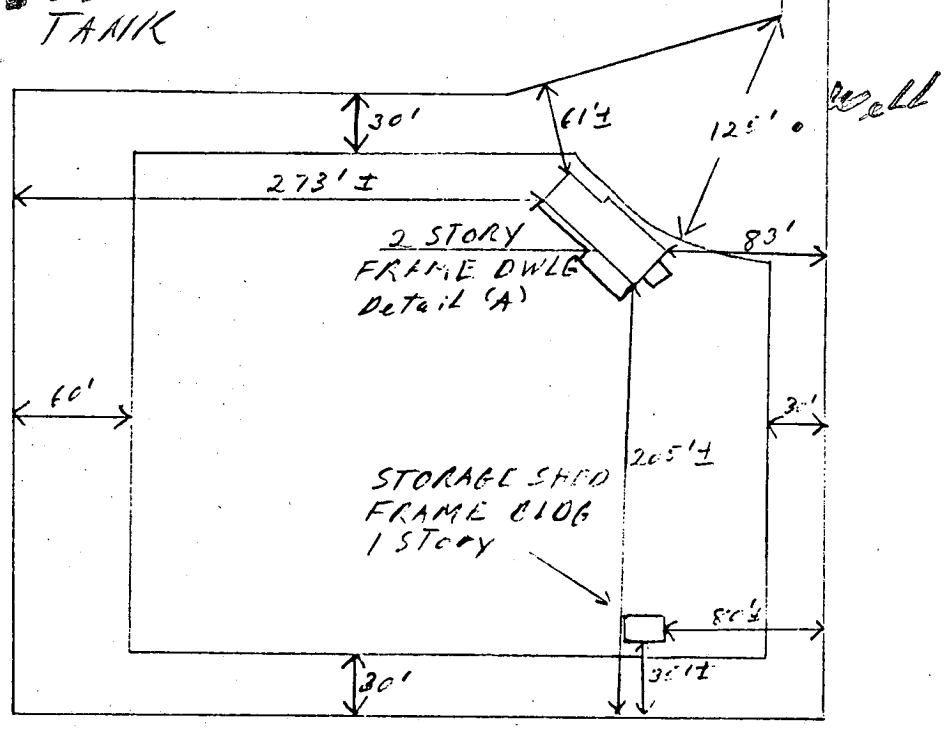
ADOLPH-SVATEK  
LOT 3

BP 10651

Well  
@ 75' from  
house

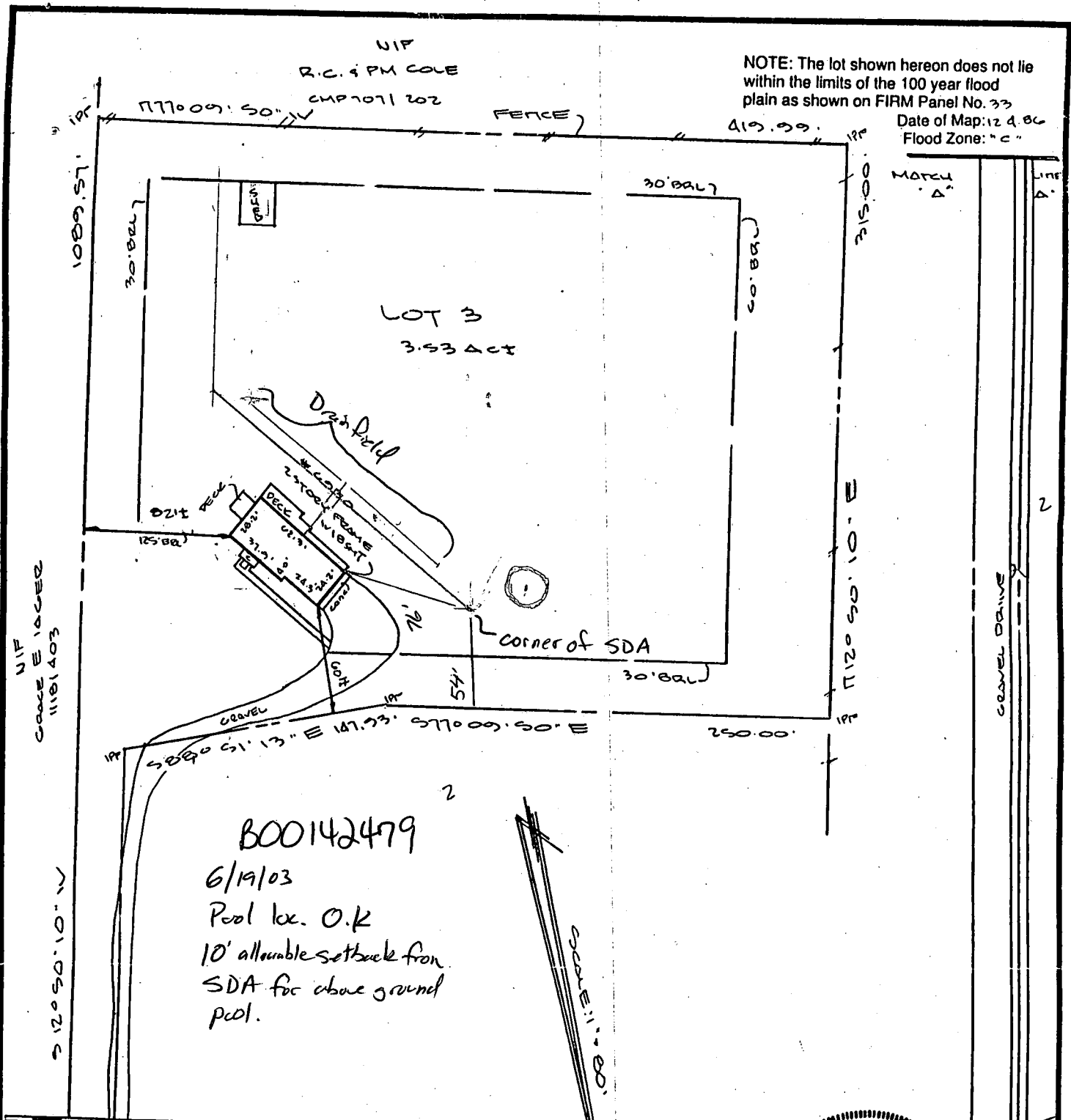


Detail 'A'  
20-25'  
SEPTIC  
TANK

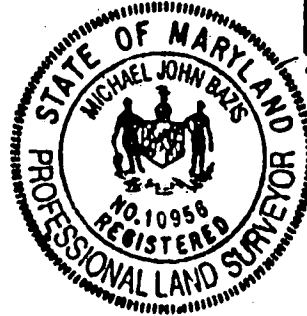


4/24/87 OK TO SIGN  
DECISION NOT TOO CLOSE  
TO SEPTIC B.H.

NOTE: The lot shown hereon does not lie within the limits of the 100 year flood plain as shown on FIRM Panel No. 33  
 Date of Map: 12-4-86  
 Flood Zone: "C"



B00142479  
 6/19/03  
 Pool loc. O.K.  
 10' allowable setback from SDA for above ground pool.



R-2711.3A  
 A-26-88  
 GUILFORD  
 ROAD  
 MD-RT-72

IMPROVEMENT LOCATION SURVEY

LOT 3  
 COLEVIEW  
 HOWARD COUNTY, MD

SURVEYOR'S CERTIFICATE

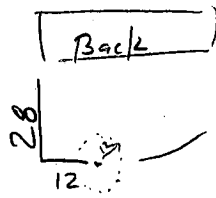
I hereby certify that the position of all existing improvements on the above described property has been carefully established by a transit-tape survey; and that, unless otherwise shown, there are no encroachments. Unless otherwise shown, corners have not been set with this survey. This survey is not to be used to determine property lines.

*Michael J. Bazis*  
 Michael J. Bazis RPLS #10956

THIS SURVEY IS FOR TITLE PURPOSES ONLY

JOB # 92.1910.H	DATE 4.16.92
FIELD T.O	DRAFT KALD
	P.B. P# 5488
	SCALE: 1" = 80'

**R. C. KELLY**  
 LAND SURVEYORS  
 10111 COLESVILLE ROAD, SUITE 123  
 SILVER SPRING, MD 20901  
 301-593-8005  
**& ASSOC., INC.**



24' Round Pool