

~~11/4/87~~ ~~1700D~~

05-399548

11/18/87  
1PM

# PERMIT

P 40270  
A 35543  
DISTRICT 5th

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE \_\_\_\_\_

DATE SYSTEM APPROVED 11/18/87

{ I.C.O.P. issued only  
Time expired }

INSPECTOR C. Welch

Chuck Ashby IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Buckskin Woods ROAD 4284 Buckskin Lake Dr LOT 19

PROPERTY OWNER Residential Urban Systems, Inc.

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

**TRENCHES** - 168 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 3 feet below original grade. 5½ feet of stone below distribution pipe.

**LOCATION** - Place the distribution box or start the trench 140 feet from the front (167') lot line and 120 feet from the right (557.45') lot line as seen when facing the lot from Buckskin Lake Drive. Run trenches on contour toward the right lot line.

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

PLANS APPROVED BY S. Abel DATE 2/18/86

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.

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BLDG. PERMIT SIGNED  
AND RETURNED 10/15/87  
*Serial # 15794*

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

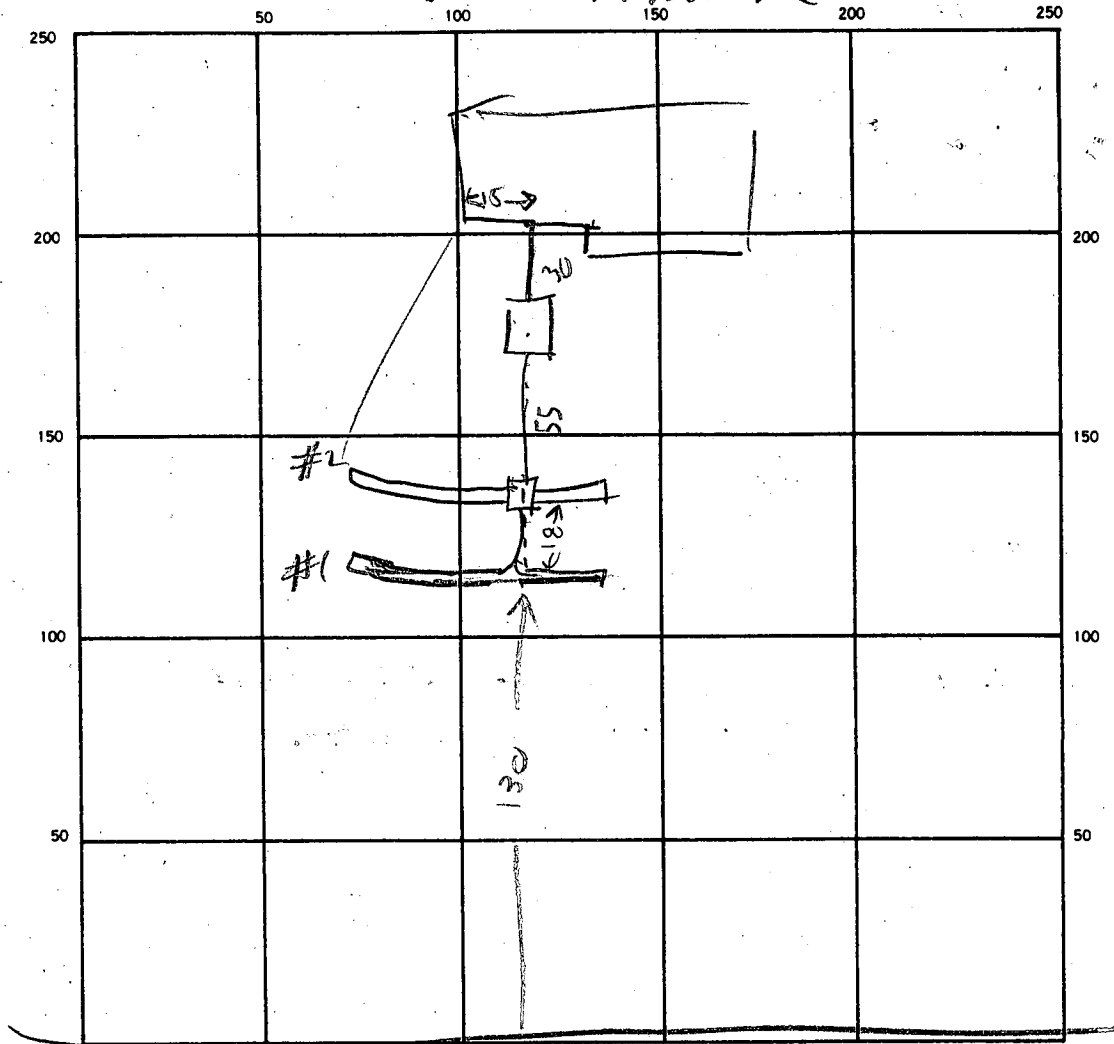
\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

*propose tank*

EH - 2-1186

A 35543

well in back



INDICATE NORTH - NAME ADJOINING ROADWAY, AS BASE LINE  
BUCKSKIN LANE

SEPTIC TANK LEVEL 1500 CLEANOUTS ST OK BUT ANOTHER INSPECTION NEEDED TO MAKE SURE IT IS LESS THAN 3 FT UNDERGROUND

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TILE FIELD DEPTH 9 1/2 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 6 1/2 FT. TOTAL LENGTH 64 1/2 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 

384	396	SQ. FT.	TOTAL REQUIRED
			780

 672

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 11/4/97 - LOCATION OK OK TO COVER HOUSE SEWER - ADD STONE TO TRENCHES & HOOR UP TANK & BOX MAY NEED MANHOLE ON TANK & RH

11/6/97 - TRENCHES & BOX OK, CLEANOUT ON TANK IS 3 FT 3" SOIL TO BE CUT IN VICINITY OF TANK & ANOTHER INSPECTION TO BE MADE TO MAKE SURE TOP OF TANK IS ONLY 3 FT PEEP RH

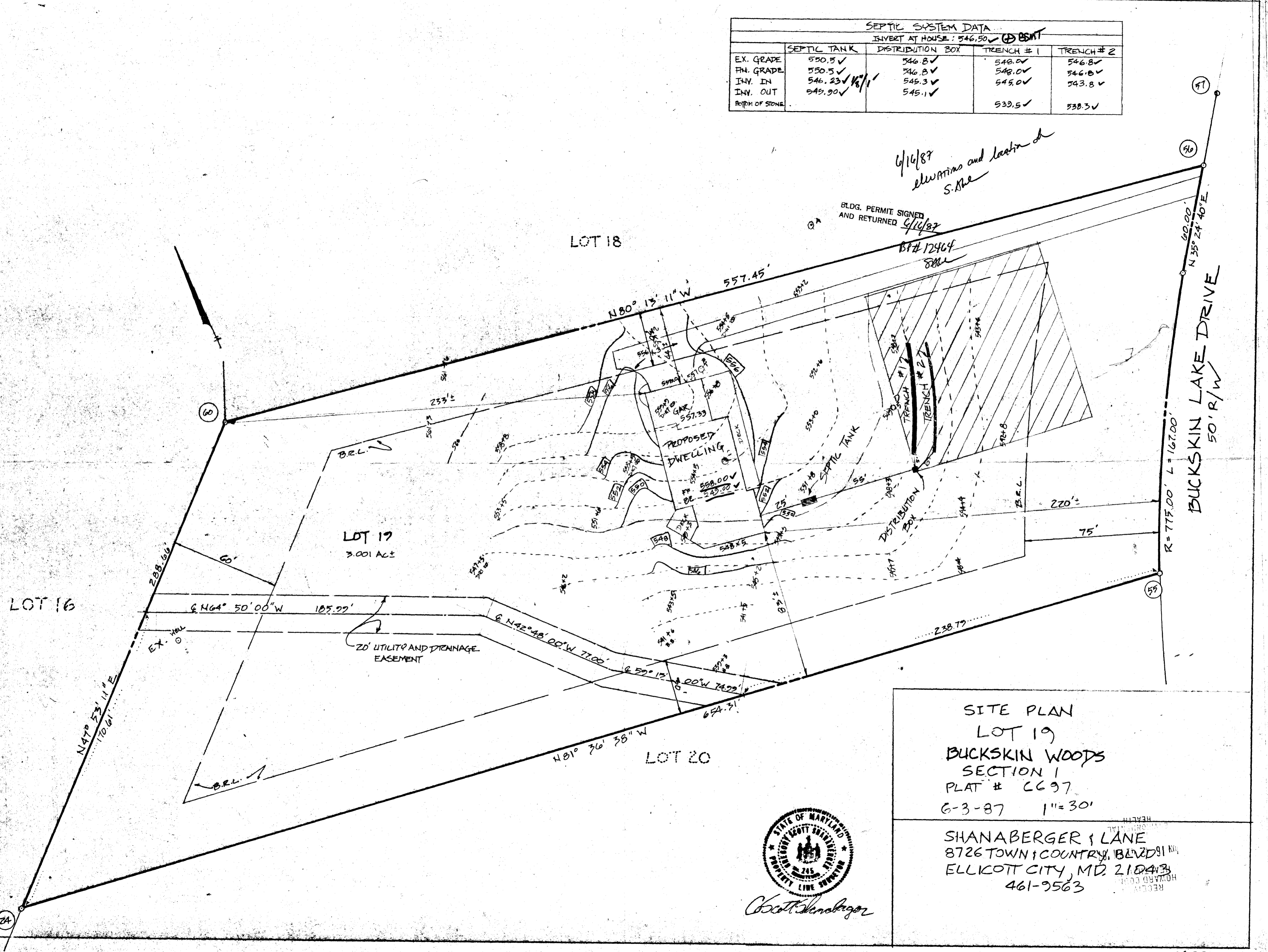
DATE SYSTEM APPROVED 11/18/87 INSPECTOR C. W. ...

SEPTIC SYSTEM DATA				
INVERT AT HOUSE: 546.50' $\text{BSMT}$				
	SEPTIC TANK	DISTRIBUTION BOX	TRENCH # 1	TRENCH # 2
EX. GRADE	550.5 ✓	546.8 ✓	548.0 ✓	546.8 ✓
FN. GRADE	550.5 ✓	546.8 ✓	548.0 ✓	546.8 ✓
INV. IN	546.23 ✓ $\frac{1}{8}"/1'$	545.3 ✓	545.0 ✓	543.8 ✓
INV. OUT	549.90 ✓	545.1 ✓		
BOTTOM OF STONE			539.5 ✓	538.3 ✓

6/16/87  
 elevations and location of  
 S. Abbe

BLDG. PERMIT SIGNED  
 AND RETURNED 6/16/87

BP# 12464



SITE PLAN  
 LOT 19  
 BUCKSKIN WOODS  
 SECTION 1  
 PLAT # 6697  
 6-3-87 1" = 30'

SHANABERGER & LANE  
 8726 TOWN & COUNTRY BLVD #91  
 ELLICOTT CITY, MD 21043  
 461-9563



*Scott Shanabarger*

# APPLICATION

SEWAGE DISPOSAL TESTING

A 35343

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5

DATE MAY 6 1985

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 DALE Z. MAISEL C/O HOWARD COUNTY LAND SERVICES RESIDENTIAL

ADDRESS 10176 BALTO NAT'L PIKE 21043 PHONE 465-4920 URBAN SYST. INC.

PROPERTY LOCATION: FOLLY QUARTER  
SUBDIVISION BUCKSKIN WOODS 4284 BUCKSKIN LK. DR. LOT NO. ~~18~~ NEW LOT 19

ROAD AND DESCRIPTION FOLLY QUARTER RD 1/4 MILE WEST OF GLENELG COUNTRY SCHOOL

SIZE OF LOT 3 ACRES TYPE BLDG. 4  
(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.

DALE Z. MAISEL  
(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abel FOR Dee Pruncho DATE 2-11-86

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

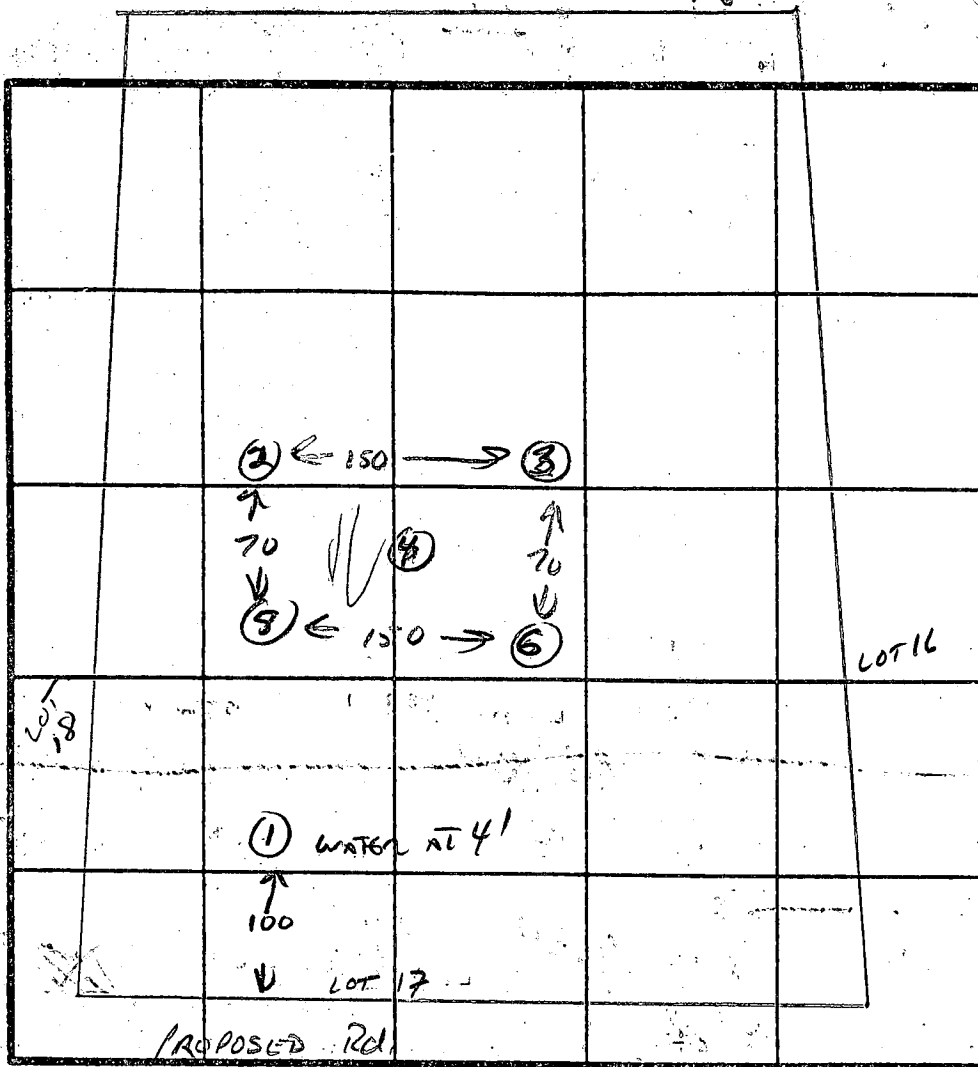
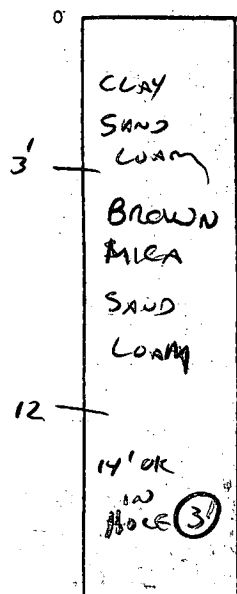
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6-10-85; PERC SATISFACTORY; HOLD FOR CERTIFIED SUBDIVISION PLAT SAID

# THIS IS NOT A PERMIT

LOT 15

ALL HOLES  
SOIL PROFILE



X 2 MIN  
158 SAFT / BDCM  
3-9'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

6-6-85  
HOLE 1  
WATER AT 4'  
LOT REUSED

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-7-85	2	3 8 12	5:42	5:49 VIS OK - SAND LOAM	5:44	5:46	2 MIN ✓
6-7-85	3	3 8 12	VIS	SIMILAR TO HOLE 1 SAND LOAM			✓
6-7-85	4	3 14	VIS	SIMILAR TO HOLE 1 SAND LOAM		220% SAPPHIRE	✓
6-7-85	5	3 8 12	VIS	SIMILAR TO HOLE 1 SAND LOAM			✓
6-7-85	6	3 8 12	VIS	SIMILAR TO HOLE 1 SAND LOAM			✓

REMARKS: LOT REUSED SEE SURVEYORS PLAT FOR LAYOUT

TYPE OF SOIL: MICA SAND LOAM

TESTED BY: *C. W. ...*

ALSO PRESENT: KETTERMAN

C1 2382  
 (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 **A-35543**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **050987** Depth of Well **203** (TO NEAREST FOOT) FROM "PERMIT TO DRILL WELL" **HC-81-2031**

OWNER **SYSTEMS INC. RES. URBAN**  
 STREET OR RFD **BUCKSKIN LAKE DR** TOWN **GLENSIDE**  
 SUBDIVISION **BUCKSKIN LAKE** SECTION [ ] LOT **19**

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
	FROM	TO	
Dirt	0	1	
Soft Brown Mica & Clay	1	8	
Soft Brown Mica	8	55	
Hard Blue Mica	55	70	
Soft Brown Mica	70	75	
Hard Blue Mica	75	110	
Hard Brown Mica	110	112	X
Hard Blue Mica	112	128	
Hard Brown & Blue Mica	128	135	
Hard Brown Mica	135	203	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle appropriate box) **Y** **N**  
 TYPE OF GROUTING MATERIAL **CEMENT CM** **BENTONITE CLAY BC**  
 NO. OF BAGS **40** NO. OF POUNDS **3760**  
 GALLONS OF WATER **240**  
 DEPTH OF GROUT SEAL (to nearest foot) from **0** ft. to **63** ft.

CASING RECORD  
 casing types insert appropriate code below  
**ST** **CO** **PL** **OT**  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE **S** **T** **6** **85.6**  
 Nominal diameter (nearest inch) Total depth of main casing (nearest foot)

OTHER CASING (if used)  
 diameter inch depth (feet) from to  
**PL** **4** **0** **105**  
**PL** **4** **120** **180**  
**PL** **4** **190** **205**

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

DEPTH (nearest ft.)  
**C2**  
 1 **PL** **105** **120**  
 2 **PL** **180** **190**  
 3 [ ] [ ] [ ] [ ] [ ] [ ]  
 SLOT SIZE **.020**  
 DIAMETER OF SCREEN **4** (NEAREST INCH)

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  
 70 [ ] 72 [ ] 74 [ ] 75 [ ] 76 [ ]  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

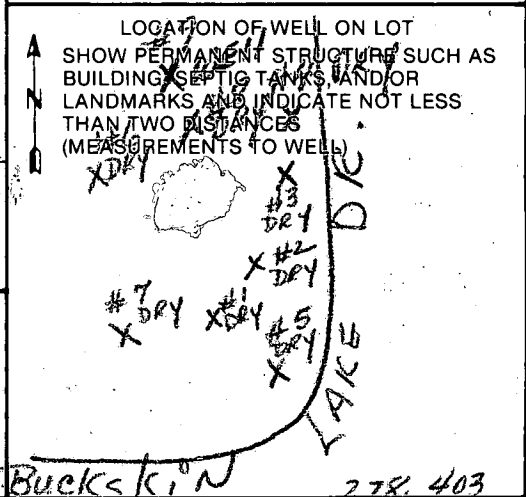
**C3**  
 PUMPING TEST  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **6**  
 METHOD USED TO MEASURE PUMPING RATE **Submersible**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **24** WHEN PUMPING **148**  
 TYPE OF PUMP USED (for test) **S** submersible

PUMP INSTALLED  
 DRILLER WILL INSTALL PUMP YES NO  
 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 **2** (nearest foot)

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 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. **256**  
**Dana Kyker, Jr. II**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE/SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)







B 1 **9519** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN GOLS. 3-6 ON ALL CARDS)

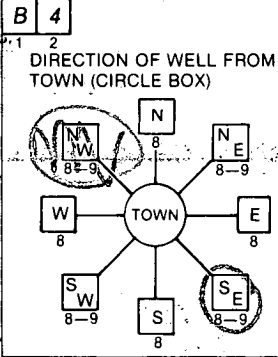
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**HO-81-2031**  
 fill in this form completely

Date Received  
 OWNER INFORMATION  
**RES URBAN SYSTEMS INC.**  
 15 Last Name 13 Owner 34 First Name  
**10840 L. PATUXENT PKWY.**  
 36 Street or RFD 55  
**COLUMBIA** 57 Town **MD 21044** 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** 8 COUNTY 21  
**BUCKSKIN LAKE** 23 SUBDIVISION 42  
 SECTION 44 46 LOT **19** 48 50  
**WINDLE** 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **5** 73 MI 76 77 78

DRILLER INFORMATION  
**Dana Kyker, Jr. II** 77 License No. **0256**  
**Westminster Rotary Well Drilling, Inc**  
 Firm Name  
**P.O. Box #861., Westminster, Md. 2157**  
 Address  
**Dana Kyker Jr TB/16/87**  
 Signature Date



**Buckskin Lake Dr.** 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
**375** 34 DISTANCE FROM ROAD 37  
 ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **6** 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **10** 14 20

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)

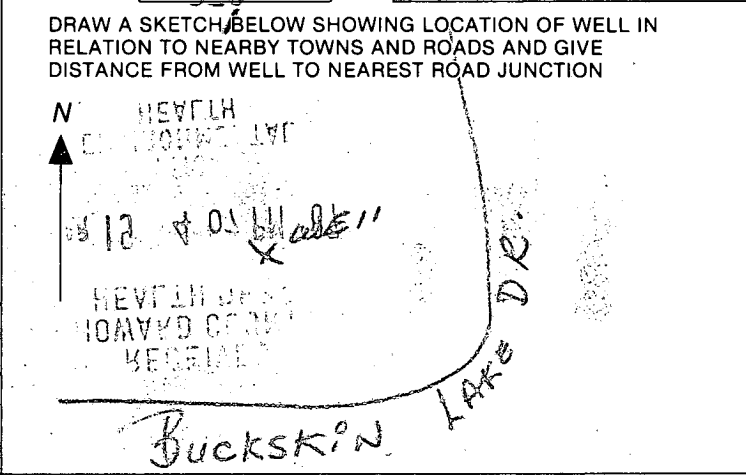
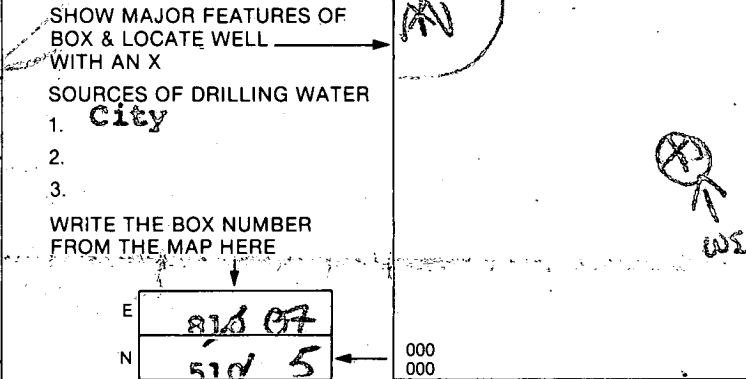
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME COUNTY NO. **A35543**  
 OEP SIGNATURE **B. Nufon** STATE HEALTH INSERT S 41  
 DATE ISSUED **04/5/87** EXP. DATE **10/15/87**  
 NORTH GRID **515000** EAST GRID **0807000**  
 50 55 57 63

APPROXIMATE DEPTH OF WELL **225** 24 FEET 28  
 APPROXIMATE DIAMETER OF WELL **6** 30 INCH 33 NEAREST INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTary  AIR-REccussion  ROTARY (Hydraulic Rotary)  
 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  
 THIS WELL WILL DEEPEAN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_ 54 63  
 FORCE **BN** WRITE INITIALS IN BOX PERMIT No. **HO-81-2031** 70 71 72 73 74 75 76 77 78 79



5/1/87

grout immediately  
following drilling  
85' casing (2' above)  
' open

left before  
grout  
finished

3 bags cement

8 dry holes  
all filled in  
(1 500' 2400' rest  
278'  
all filled w/ drilling  
materials + capped  
w/ 1 bag cement each)

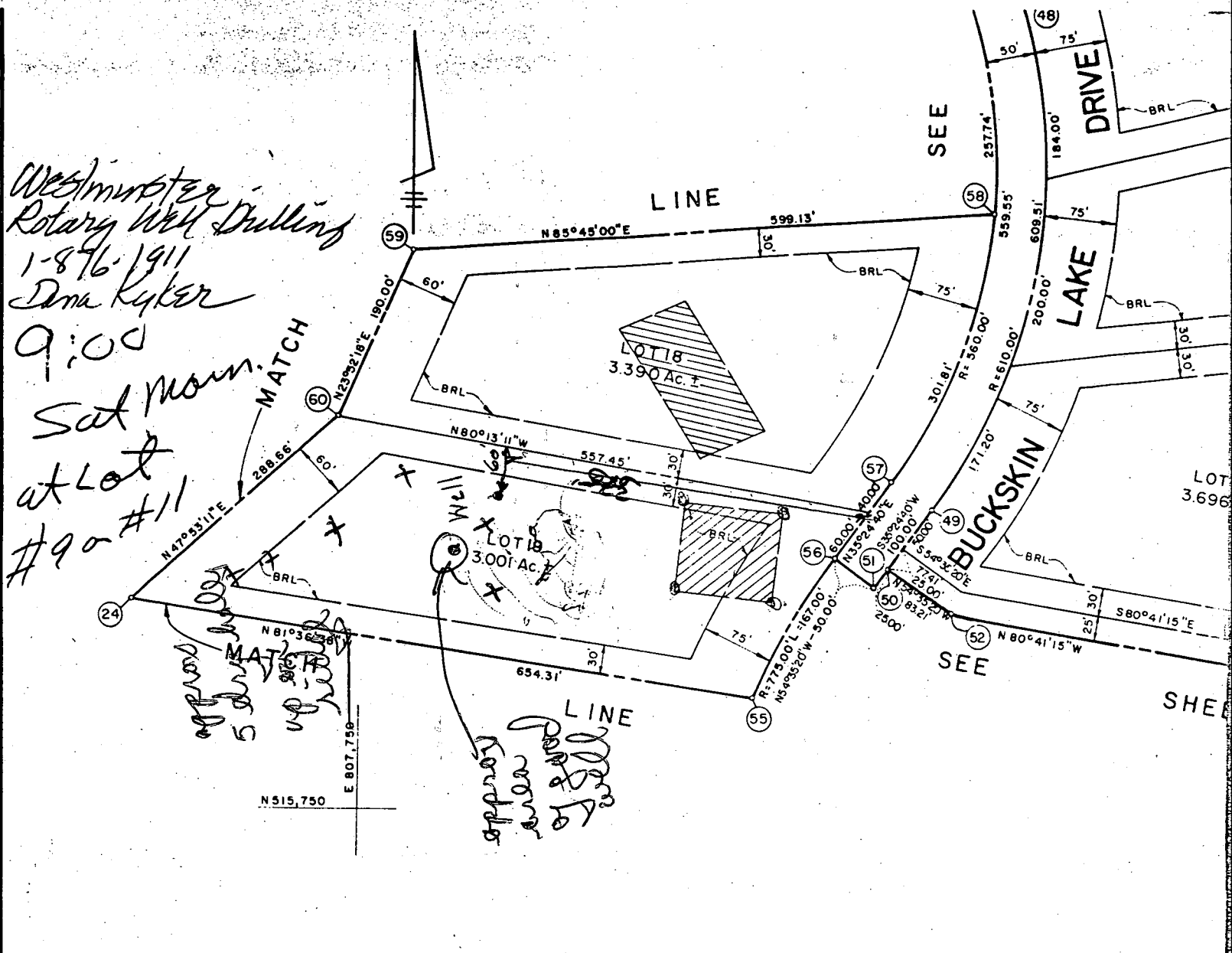
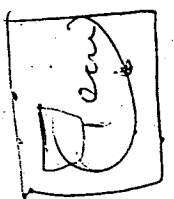
RECEIVED  
HOWARD COUNTY  
HEALTH DEPT.  
MAR 19 4 07 PM '87  
DIVISION OF  
ENVIRONMENTAL  
HEALTH

Lot 19  
Buckskin

Westminster  
Rotary Well Drilling  
1-8-76-1911  
Dana Kyker  
9:00  
Sat Morn.  
at Lot  
#90 #11

approx  
5' drilling  
up hole

pipes  
to  
run  
under  
road



FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE: (301) 461-2855

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE  
SYSTEMS, HOWARD COUNTY HEALTH  
DEPARTMENT.

OWNER'S CERTIFICATE:

I, DALE Z. MAISEL, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, ADOPT THIS PLAN AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING AND THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS. (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND SP...

Residential Urban Systems  
10840 Little Patuxent Parkway, Suite 300  
Columbia, Maryland 21044

Howard County Health Dept. #A-35543

State #HO-81-2031

Buckskin Lake, Lot #19, Buckskin Lake Drive

LOG OF DRY HOLES - #1 - 278 Feet

Dirt	0	1	
Soft Brn. Mica & Clay	1	10	
Soft Brn. Mica	10	106	1 Bag Cement to Backfill
Hard Blue Mica	106	130	
Hard Blue Mica	130	250	
Soft Blue Mica	250	278	

LOG OF DRY HOLE - #2 - 278 Feet

Dirt	0	1	
Soft Brn. Mica	1	10	
Soft Brown Mica	10	106	1 Bag Cement to Backfill
Hard Blue Mica	106	130	
Hard Blue Mica	130	250	
Soft Blue Mica	250	278	

LOG OF DRY HOLE - #3 - 403 Feet

Dirt	0	1	
Brown Mica & Clay	1	10	
Soft Brn. Mica	10	60	
Soft Brown Sand & Mica	60	80	1 Bag Cement to Backfill
Hard Blue Mica			
laced w/Brn. Mica	80	125	
Hard Blue Mica	125	403	

LOG OF DRY HOLE - #4 - 278 Feet

Dirt	0	1	
Soft Brn. Mica	1	18	
Red Clay	18	22	
Soft Brn. Mica & Sand	22	106	1 Bag Cement to Backfill
Hard, Soft, Blue Mica	106	278	

LOG OF DRY HOLE #5 - 503 Feet

Dirt	0	1	
Soft Brown Mica	1	80	
Hard Blue Mica			1 Bag Cement to Backfill
laced w/Brown Mica	80	138	
Hard Blue & Black Mica	138	503	

LOG OF DRY HOLE - #6 - 253 Feet

Dirt	0	1
Soft Brn. Mica & Clay	1	8
Soft Brn. Mica	8	55
Hard Blue Mica		
Laced w/Brown Mica	55	80
Hard, Soft, Blue mica	80	278

1 Bag Cement to  
Backfill

LOG OF DRY HOLE - #7 - 278 Feet

Dirt	0	1
Soft Brn. Mica & Clay	1	8
Soft Brn. Mica	8	55
Hard Blue Mica		
laced with Brown Mica	55	80
Hard, Soft, Blue Mica	80	278

1 Bag Cement to  
Backfill

LOG OF DRY HOLE - #8 - 403 Feet

Dirt	0	1
Red Clay	1	8
Soft Brown Mica	8	55
Hard, Soft Black & Blue Mica	55	100
Hard Blue Mica	100	390
Soft Blue Mica	390	395
Hard Blue Mica	395	403

1 Bag Cement to  
Backfill