

4/5/00
Visual hole
(10' contractor)
TO CONTINUE w/ new CONTRACTOR
4/19/00 10:00
4/26/00 10:00
4/10/01 - PM

7/13/01 - 3pm
PUMP TEST
4/16/01 PUMP TEST 3:00
PERMIT

RPS# 297 225

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

P 511984-C
A REPAIR
ISSUE DATE April 2000
APPROVAL DATE 4/16/01

INDEXED

SOUTH LA MD
Jack Byock Septic Service Fogle's Septic Service IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 89 Triadelphia Road Glenelg, MD 21737 PHONE (410) 875 4197
SUBDIVISION Woodmark LOT NUMBER 42 ADDRESS 12222 Benson Branch Road
PROPERTY OWNER Moore, MELISSA PROPERTY OWNER'S ADDRESS " " "
SEPTIC TANK CAPACITY 1500 GALLONS (Top Seam & Compartmented & Pretreated Aerator)
PUMP CHAMBER CAPACITY 1000 GALLONS (Top Seam)
NUMBER OF BEDROOMS 3
SQUARE FEET PER BEDROOM 180ft²
LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES: Trenches to be 3 feet wide. Inlet 1 feet below original grade. Bottom maximum depth 2'5"
feet below original grade. 1'5" feet of stone below distribution box.

LOCATION: THESE SPECS WERE RELAYED TO KURT CASSELL
FROM CRAIG WILLIAMS IN A PHONE CONVERSATION (SRK) OF FOGLES

REPAIR & PURPOSE & Existing septic system has failed.***
Call for inspection when ground is opened so sanitarian can recommend repair. 04/05/00

PLANS APPROVED Craig Williams (SRK) DATE April 2000 (SRK)

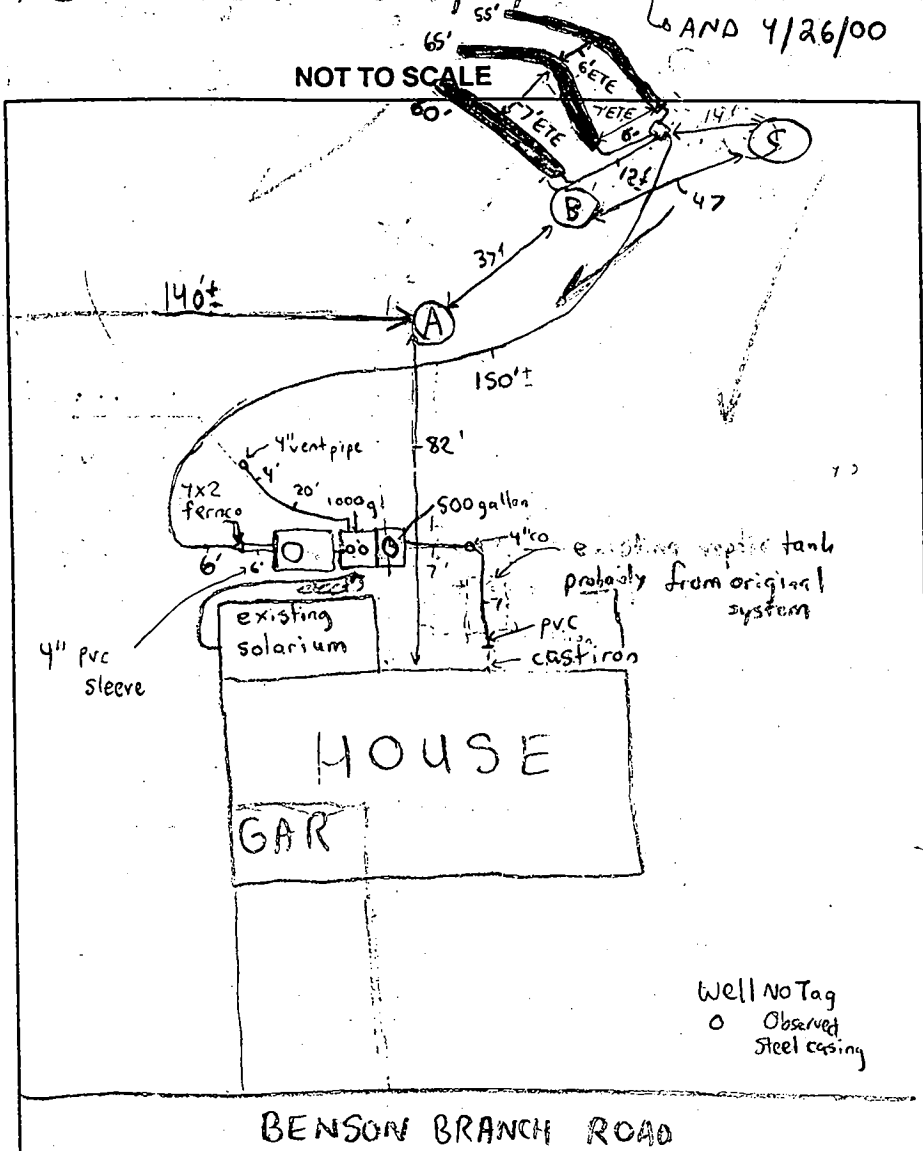
- PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED
- NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED
- NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES
- NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

511984-C

SEE SOLARIUM BP PLAN DATED 4/25/1990 FOR SOIL PROFILES DESCRIBED ON 4/5/2000. NO SPACE HERE - (SRW) AND 4/26/00

STREAM



TRENCH DATA	
TRENCH WIDTH	3'
TRENCH INLET DEPTH	1'
TRENCH BOTTOM DEPTH	2'6"
DEPTH OF STONE	1'5"
NUMBER OF TRENCHES	3
TOTAL TRENCH LENGTH	180'
ABSORBENT AREA	540 ft ²
DISTRIBUTION BOX LEVEL	✓
BAFFLE IN DISTRIBUTION BOX	NA 90° Elbow

SEPTIC TANK DATA	
SEPTIC TANK	Top Seam 1500 2 Compartment GALLONS
MANHOLE RISER	on front chamber
6 INCH INSPECTION PORT	2-1 on top of generator 1 before generator
PUMP CHAMBER DATA	
PUMP CHAMBER GALLONS	1000 Gallon Top Seam
MANHOLE RISER	on rear
ALARM	_____
PUMP PERFORMANCE TEST	_____

PRE-CONSTRUCTION INSPECTION: 4/5/00-MET WITH CONTRACTOR AT SITE TO DISCUSS OPTIONS FOR SEPTIC REPAIR. BECAUSE OF CONTOUR AND SOIL CONDITIONS, A CONVENTIONAL GRAVITY FLOW TRENCH SYSTEM CAN NOT BE INSTALLED (SRW). PERC HOLES ARE IN LOCATIONS (A) & (B) CONFIRM THIS. CONTRACTOR (FYAC) MENTIONED THAT THEY WILL REPLACE THE LINE FROM THE SEPTIC TANK TO THE EXISTING INSPECTION COMMENTS: TRENCHES. THIS LINE REPLACEMENT MAY HELP REMEDIATE THE CURRENT SITUATION HOWEVER IT IS A TEMPORARY SOLUTION (SRW) 4/6/00-LETTER SENT TO HOMEOWNER (MRS. MOORE) TO EXPLAIN CURRENT SITUATION AND REQUEST MEETING (SRW) 4/26/00-MET WITH MRS. MOORE AND CONTRACTOR (SOUTH CARROLL) AT SITE. DUG PERC HOLE IN LOCATION (C) SOILS SUITABLE FOR CONVENTIONAL TRENCH SYSTEM AT THIS LOCATION BUT PRESENT BOUNDARIES ARE UNCERTAIN AND AMOUNT OF AVAILABLE AREA SEEMS LIMITED. PRE-TREATMENT TO BE RECOMMENDED IF INSUFFICIENT AREA IS ESTABLISHED FOR FULL SIZED REPAIR. (SRW) 11-27-00 Per Kurt (Fooks) This repair will use all available septic area. Pre-treatment will be installed at 41501 st. treatment unit & pump chamber set on to corner.

4/10/01-EVERYTHING ON TO COVER, SYSTEM STILL NEEDS PUMP TEST FOR FINAL

APPROVAL (SRW) 4/16/01 PUMP/ALARM OK (MA)

INSPECTOR M. Rifkin DATE SYSTEM APPROVED 4/16/01

4/10
DISCUSSED BY PHONE
WILL LOCATE BORN LOT LINE
& SELECT NEW CONTRACTOR
FOR ADDITIONAL TESTS/POTENTIAL I&A
ON 4/19/00 (CW)



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

April 6, 2000

Melissa Moore
12222 Benson Branch Road
Ellicott City, MD 21042

RE: Septic Repair Request
Woodmark Lot 42
12222 Benson Branch Road
Ellicott City, MD 21042

Dear Mrs. Moore:

On April 5, 2000 a septic system repair evaluation was conducted for the above referenced property because the existing septic system was reported to be failing.

At the time of the repair evaluation, the following soil conditions were observed: a deep clay layer with slow percolation rates in most locations, and pockets of excessive rock fragments in some locations. These conditions were deemed unsuitable for a conventional trench system repair.

Evaluation for sand mound or other alternative design systems was not requested, but would be the next logical step in the evaluation process.

It is possible that the soils within the existing septic system trenches are at the end of their useful life. It is recommended that you contact this office at (410) 313-2640 as soon as possible and schedule a meeting to discuss the above mentioned issues so that an appropriate solution can be reached.

Thank you for your attention to this important matter.

Respectfully,

Steven R. Krieg
Steven R. Krieg, Sanitarian
Water and Sewerage Program

SRK

cc: Jack Fyock Septic Service
File ✓

2/11/80
APPROVED RH
P 30508

PERMIT

SEWAGE DISPOSAL SYSTEM

AREPAIR _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd.

DATE 1/25/80

INDEXED

Paul Schissler

IS PERMITTED TO INSTALL ALTER X

ADDRESS _____ PHONE 795-3708

SUBDIVISION Woodmark ROAD 1222 Benson Branch Road LOT 42, blk. 5

PROPERTY OWNER Edward Sweda, Jr.

ADDRESS 1222 Benson Branch Road

SPECIFICATIONS

- SEPTIC TANK CAPACITY _____ GALLONS
- DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
- SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.
- INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE
- EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
- LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN CAN RECOMMEND

REPAIR 2/6/80 - 2 DITCHES 7-8 FT DEEP FILLED

WITH 3 FT OF STONE & A TOTAL LENGTH OF

160 FT. OK FOR HOME OWNER TO INSPECT DEPTH OF DITCH BEFORE STONE ADDED

PLANS APPROVED BY Palmer Wine DATE 1/25/80

COVER NO WORK UNTIL INSPECTED AND APPROVED. PUT NEW DITCHES NEXT TO OLD DITCHES RH

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 PLACING GRAVEL IN TRENCH. OK TO USE "Y" INSTEAD OF DISTRIBUTION

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

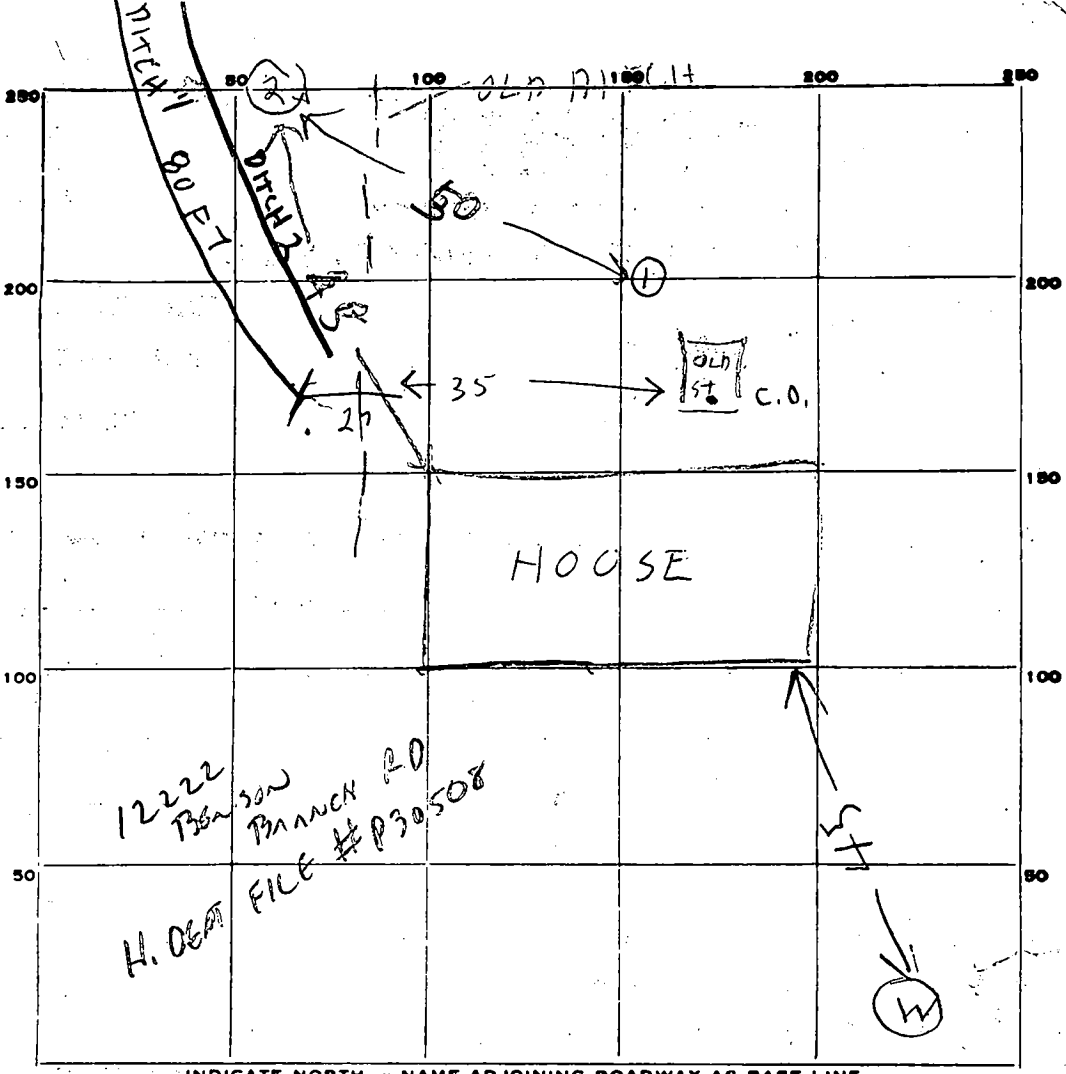
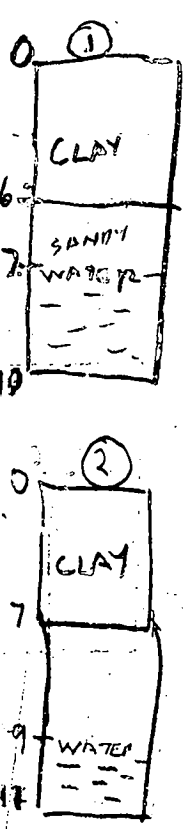
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

PERMIT SIGNED AND RETURNED 4/25/80
Sweda #32242 -
Shaw

P 30508

2/11/80 please
2/11/80 please
2 P.M.
2/18/80



4 1/2

PERMIT CARD ✓ C. 801

SEPTIC TANK, LEVEL OLD TANK USED CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH #1 - 8 FT FT. TRENCH WIDTH #2 - 2 FT.

GRAVEL DEPTH #1 - 3 FT IN. TOTAL LENGTH #1 - 80 FT

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA #1 - 240

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 2/5/80 - Hole (D) See profile Schussler Jr said existing system worked for 7 years. Septic tank outlet 4 FT below ground R.H. talked to D.W. about this situation. Talked to P. Schussler. Owner does not want to use pumps so new ditch to be next to old ditch R.H.

2/7/80 125PM - ADD STONE TO DITCH #1 - 2/7/80 - STONE ADDED TO DITCH #1 COVER #1

OPG #2 & CALL RH

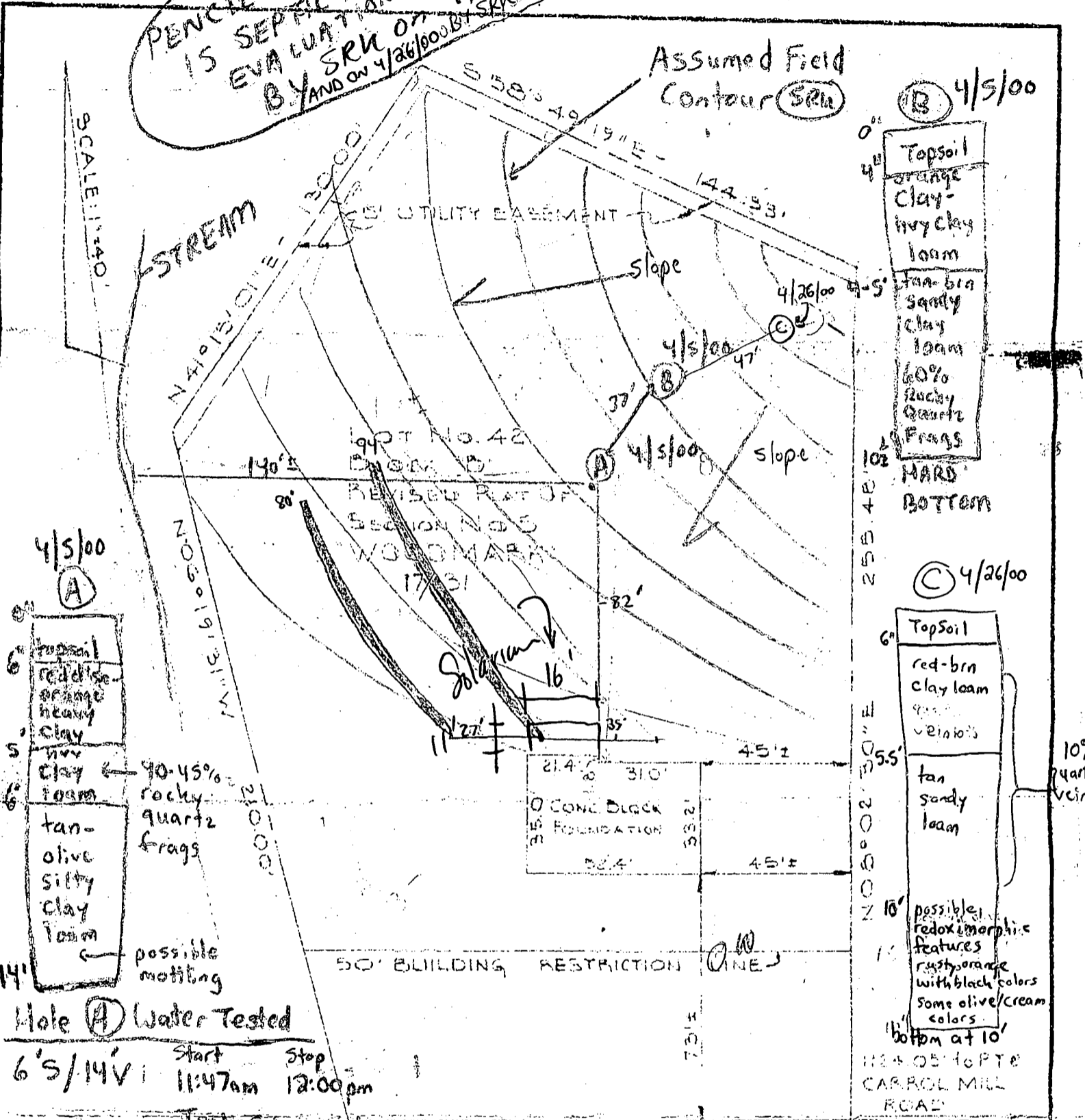
2/8/80 NOT READY C.B.S. 2/11/80 STONE ADDED TO DITCH #2

DATE SYSTEM APPROVED 2/11/80 INSPECTOR Raymond Hodges

Mole C tested
 5'5/10'0 Start Stop ← No movement
 10:56am 11:30am

SOILS WILL PERC AT 5.5 to 6'

PENCIL DETAIL TO DRAWING
 IS SEPTIC REPAIR
 EVALUATION BY SRK ON 4/5/00
 BY AND ON 4/26/00 BY SRK AND SCW



Hole A Water Tested
 6'5/14'V Start Stop
 11:47am 12:00pm

Test Stopped at 12:00pm
 13min passed no water movement to 1st peg
 Clay layer too deep here moved to hole B

SOLARIUM PLANS OTC
 4/25/90 RA

This is to certify that I have surveyed the property known as Lot No. 42 - Block "B" - Revised Plat of Section No. 5, "WOODMARK," Third Election District, Howard County, Maryland for the purpose of locating the improvements thereon, and the improvements are located as shown.

Signed this 24TH day of MAY 19 72

William G. Hart
 Engineer and Land Surveyor

PURDUM AND JESCHKE
 ENGINEERS AND LAND SURVEYORS
 3697 PARK AVE.
 ELLICOTT CITY, MARYLAND 21043
 F.K. J.L.

This plat is not intended for use in the establishment of property lines.

Howard County Health Department

To: _____

HATFIELD 301-854-6172
22-7-175

FANSIDE - Lot 42

~~12222~~ BENSON BRANCH

(NEW OWNER - MELISSA MOORE)

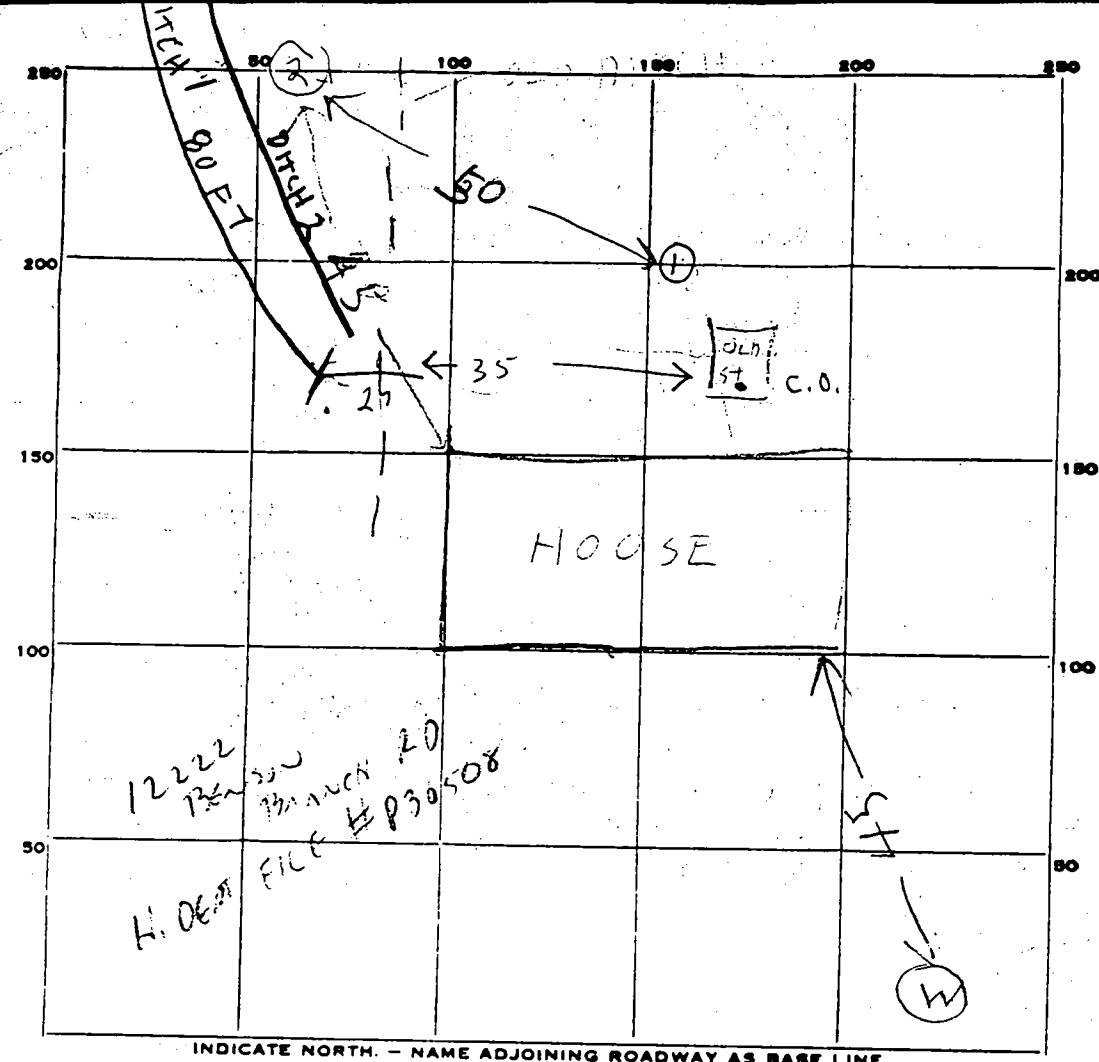
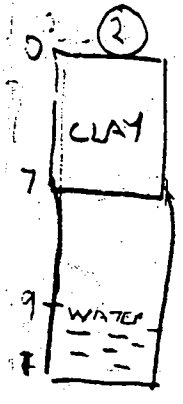
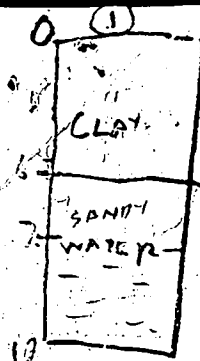
P30508 Lot
WOODMARK 42

From: _____ (CW) FAX-410-489-8905

Date: _____ 4/21

CONFIRMATION REPORT **

Source : 007
Receiver : 94104894905
Transmitter : HOOO ENVHEALTH
Date : Apr 21, 98 11:47
Time : 00:44
Mode : NORM
Duration : 01 Pages
Result : 0 K



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓ C.O.

SEPTIC TANK, LEVEL OLD TANK USED CLEANOUTS _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH #1 7-8 FT #2 2 FT

TRENCH WIDTH #1 3 FT #2 2 FT

GRAVEL DEPTH #1 80 FT #2 94 FT

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA #1 240 #2 234

SEE PAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 2/5/80 - Hole (D) see profile Schussler for sand existing system worked for 7 years septic tank outlet 4 FT below gravel R.H. Talked to P. Schussler. Owner does not want to use pump so new ditch to be next to old ditch R.H.

2/7/80 12:50 PM - ADD STONE TO DITCH #1 - 2/7/80 - STONE ADDED TO DITCH #1 COVER #1

D.P.G. #2 & CALL RH

2/10/80 NOT READY - P.S. 2/11/80 STONE ADDED TO DITCH #2

DATE SYSTEM APPROVED 2/11/80 INSPECTOR Raymond Hodges