

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 1st.

DATE 11/4/82

*approved 11/22/82  
stayed P 32225  
A 30782*

**INDEX**

Olen Ketterman

IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Talbots Last Shift ROAD 5067 Ilchester Road LOT 9-C

PROPERTY OWNER David and Gail Spicer PHONE ~~442-6783~~

ADDRESS 1255 Maple Avenue  
Baltimore, Maryland *DEPT OF SERVICES*

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 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

*25  
3  
645*  
Trench to have 215 square foot sidewall area per bedroom. Trench inlet maximum to be 3 feet below original grade and trench bottom to be 9 feet below original grade. Start the trench 131 feet from the back lot line (190 ft. long) and 37 feet from the left lot line as seen when facing the lot from the right of way. Run the trench along level ground toward the right side of the lot as seen when facing the lot from the right of way. Call for two (2) inspections - before and after stone is installed.

*11/22/82 O.K. to use 80 ft long 11 ft deep trench @ 3' r/s.*

PLANS APPROVED BY Raymond Hodges/ F. Skinner DATE 6/8/81

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 PLACING GRAVEL IN TRENCH.

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 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

BLDG. PERMIT SIGNED  
AND RETURNED 3/14/84  
*Serial # 57938*  
*Fine Place*

BLDG. PERMIT SIGNED  
AND RETURNED 6/22/83  
*Serial # 54505*  
*Shed*

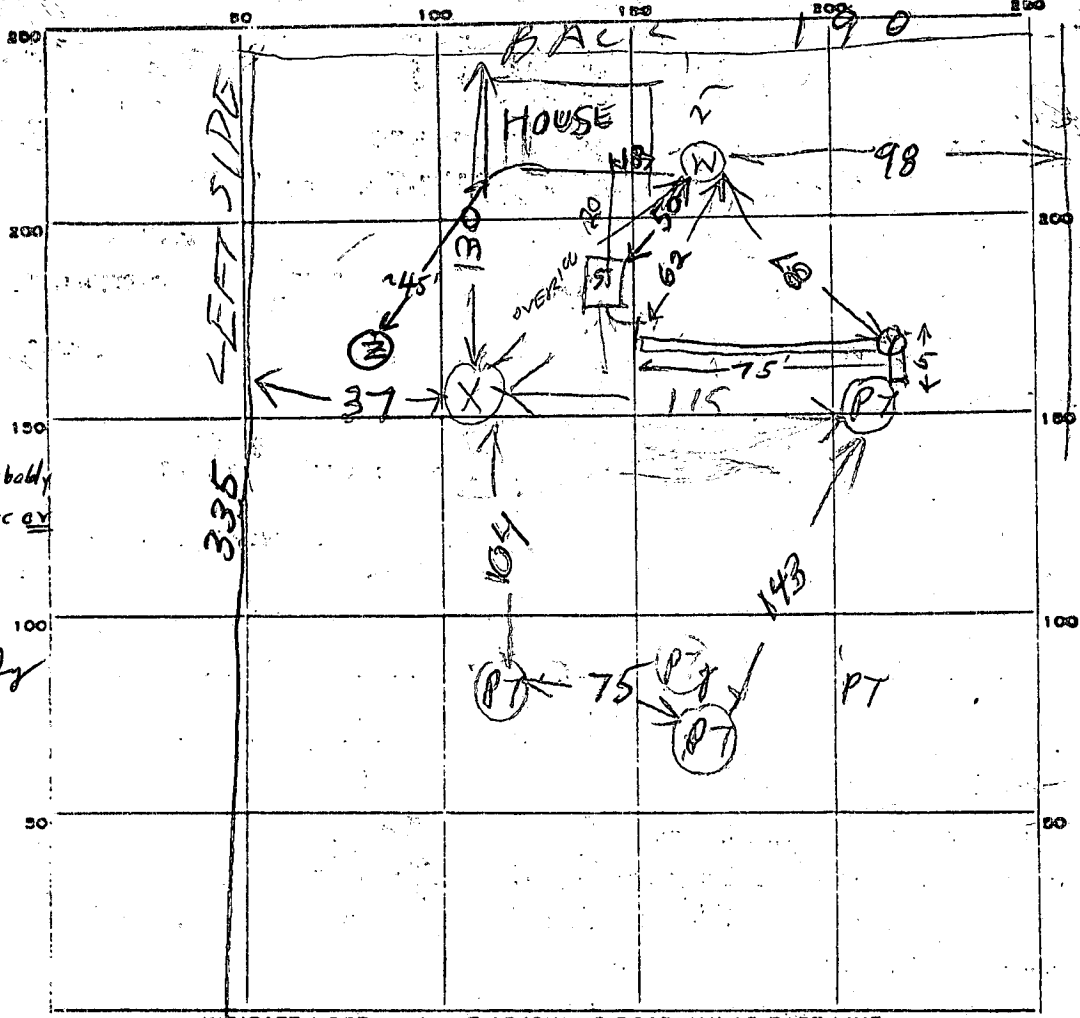
A 30782

(X) = W

11/22/82

(E) hole dug to 10 ft. sandy clay mix would probably be very slow perc or fail F.S.

(D) hole dug to 15' deep sandy below 7' F.S.



75  
8  
600

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

SEPTIC TANK, LEVEL 1000 LOCATION WRONG CLEANOUTS OK

DISTRIBUTION BOX, LEVEL TOP 2 FT Below Ordeal

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 8' IN. TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA \_\_\_\_\_

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

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

REMARKS 11/22/82 TANK & DITCH IN WRONG LOCATION

TALKED TO KETTERMAN SR & SPICER OWNER R.H.

11/22/82 Observed hole (E) OK to use 80' long trench. OK to add 5' to above

open trench & place gravel in trench. F.S.

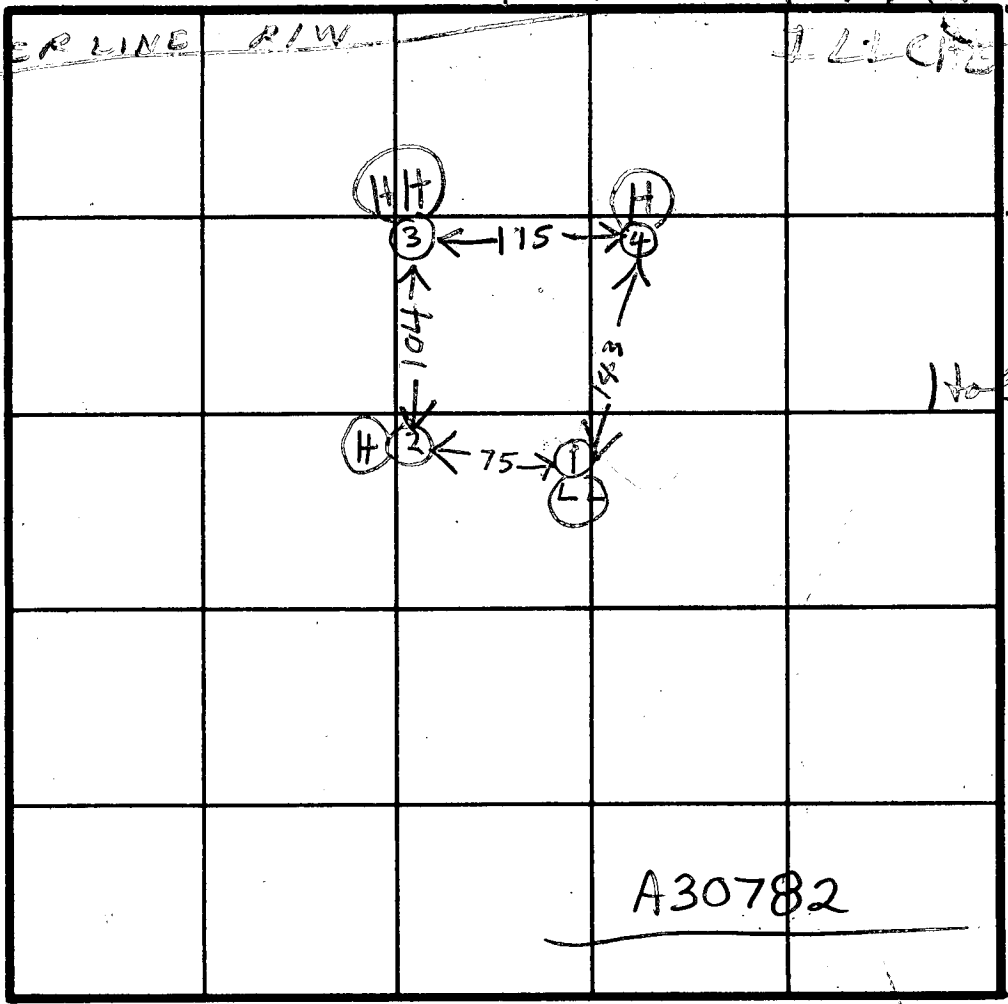
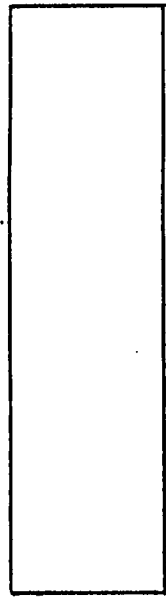
11/22/82 OK to cover all work. JF

GATE SYSTEM APPROVED 11/22/82 INSPECTOR [Signature]

HOWARD AVE  
 122 CHESTER RD

POWER LINE  
 R/W

SOIL PROFILE



9' C  
 Hole Elevation  
 HH = Highest  
 H = High  
 LL = Lowest

A30782

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/11/80	1D	12	1032	1038	1038	1045	7
7/11/80	1S	3 1/2	1032	1034	1034	1042	8
	2S	3	1142	1144	1144	1045	2
	2D	11 1/2	1142	1202	1202	1215	13
	3S	4	1147	1201	1201	1207	16
	3D	12	1147	1215	1215	1243	28
7/11/80	4V	12 1/2	TOP LEFT CLAY		BOT 10 1/2 FT SAND		

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY BH

ALSO PRESENT

REITERMAN  
 D REWER  
 C HUDGINS

SITE PLAN

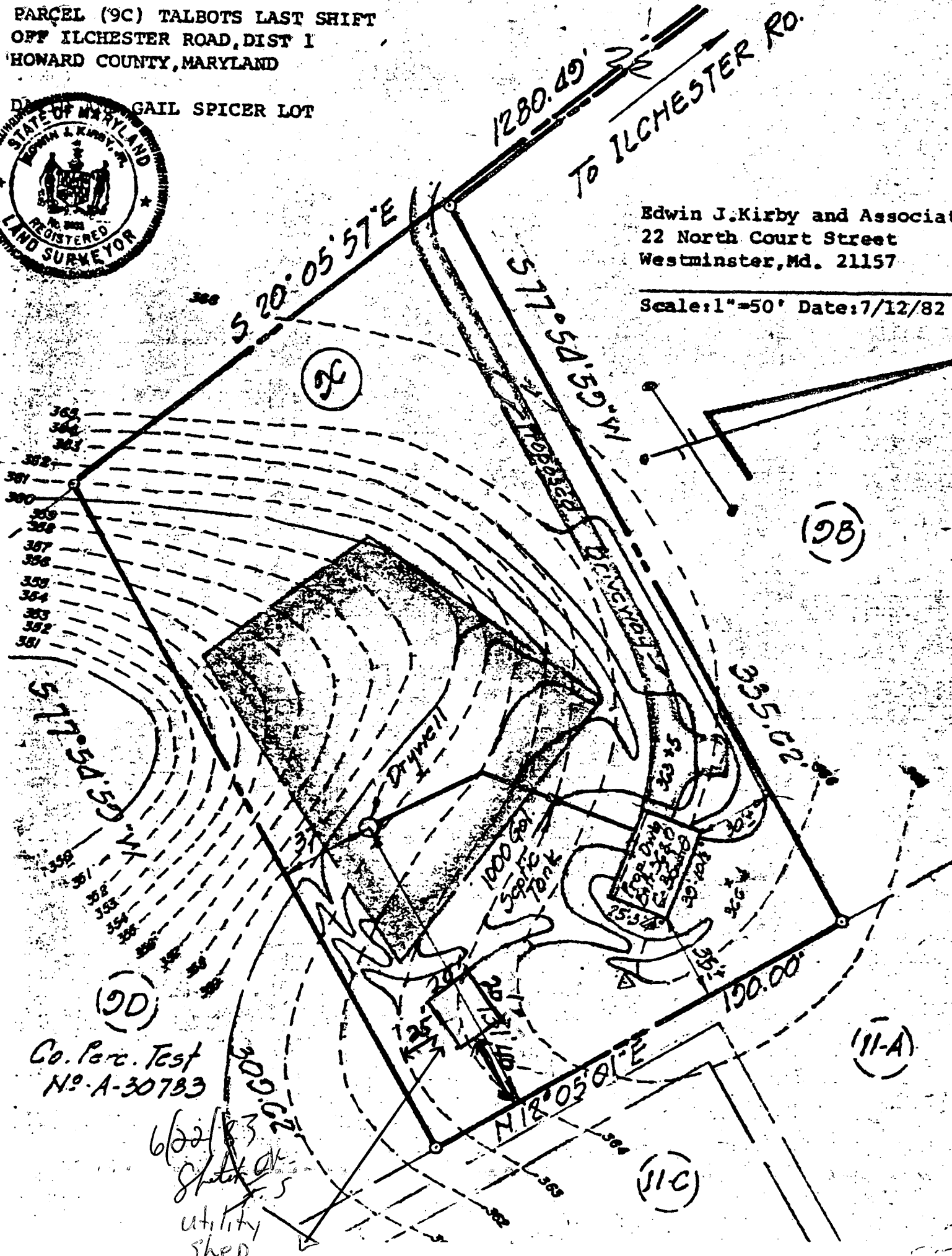
PARCEL (9C) TALBOTS LAST SHIFT  
OFF ILCHESTER ROAD, DIST 1  
HOWARD COUNTY, MARYLAND

DEED GAIL SPICER LOT

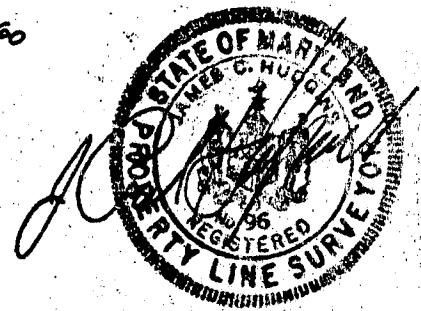
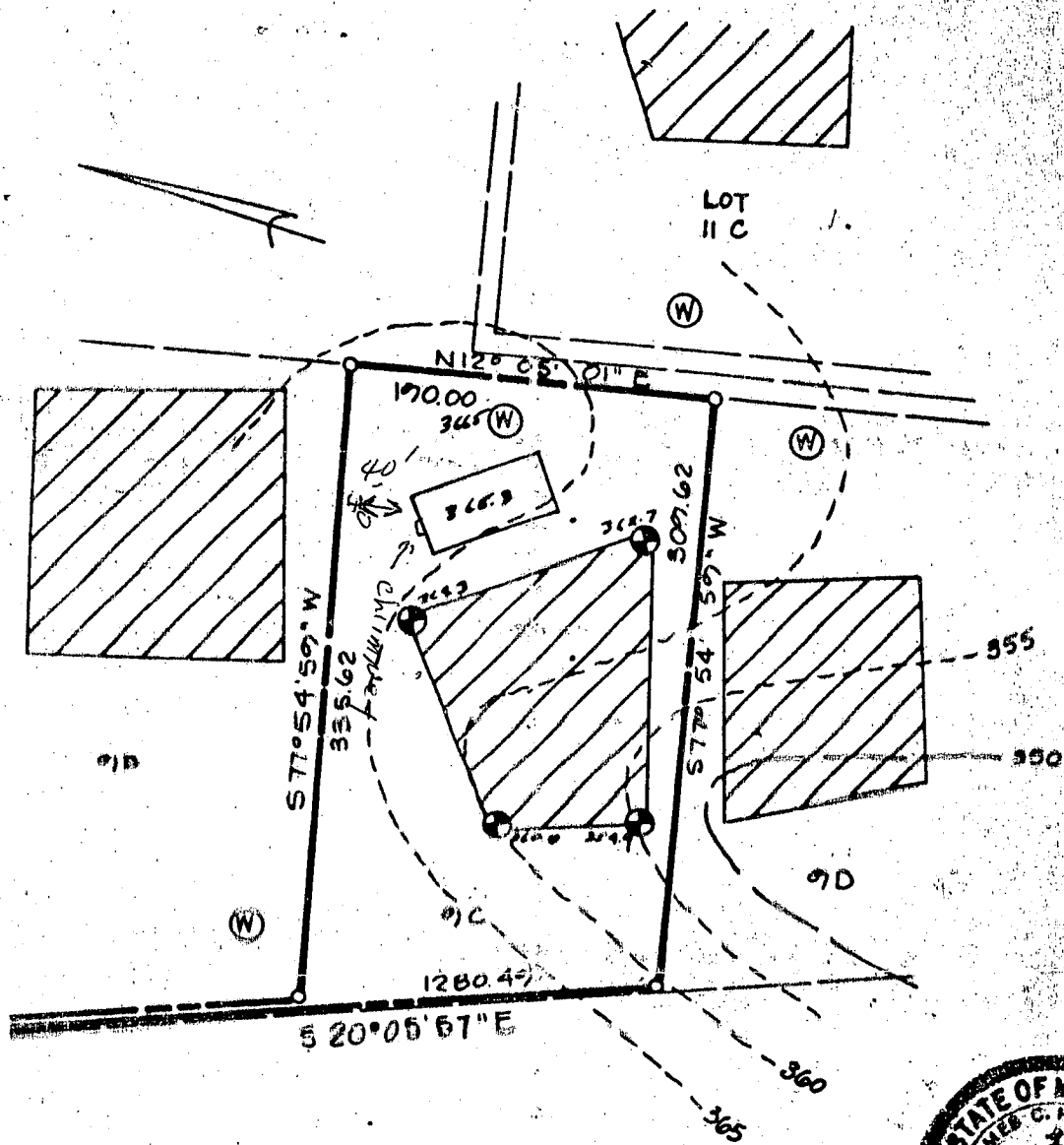


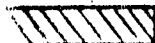
Edwin J. Kirby and Associates  
22 North Court Street  
Westminster, Md. 21157

Scale: 1" = 50' Date: 7/12/82







 This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. Percolation test holes shown hereon have been field located and shown as "⊕". The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene. Percolation areas and water wells for adjoining lots have been shown where pertinent.

PERCOLATION TEST PLAT  
 PARCEL 9C  
 TALBOT'S LAST SHIFT  
 PROPERTY OF  
 HOWARD ASSOCIATES  
 ILCHESTER ROAD  
 1st Election District  
 Howard County Maryland  
 Scale: 1"=100' Date: 7-18-80

APPROVED: For Private Water and Private Sewage Systems

  
 Joaquin Boyles  
 County Health Officer

11-7-80  
 Date

NIT Associates  
 Suite 307  
 Clark Bldg.  
 Columbia Md. 21044  
 321-0307

C1 3222 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A30783

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (OEP use only)

DATE WELL COMPLETED 072682

Depth of Well 295 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" AO-73-4225

OWNER Spicer, David L. last name first name STREET OR RFD Hebeater Road TOWN Ellicott City SUBDIVISION Talbot's Last Shift SECTION LOT 90

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 include Dirt, Clay, Brown-Mica, Blue Sandstone, Brown, Blue, Fracture, Blue Sandstone.

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 14 NO. OF POUNDS 1316 GALLONS OF WATER 84 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 55 ft.

CASING RECORD casing types insert appropriate code below STEEL CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot) S T 6 57

OTHER CASING (if used) diameter inch depth (feet) from to

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

DEPTH (nearest ft.) 57 295

- CIRCLE APPROPRIATE BOX [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...

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

SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

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

C 3 (Seq. no.)

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 16.4 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 107 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES Y NO N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A; C, J, P, R, S, T, O)) 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) X WELL

Ellicott City TRR + Chip DR. RT. 103



**B 1** 6118 SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) 1/26/82 test pump (2nd) **PERMIT TO DRILL WELL**  
 OEP PERMIT NUMBER HO-73-4225  
 please print or type fill in this form completely

Date Received 10/27/82 062982  
 (OEP Use Only)  
**OWNER INFORMATION**  
 Last Name 15 SPICER DAVID D 34 Name  
 Street or RFD 1255 MADRID AVE 55  
 Town 57 BALTIMORE State MD 76 Zip 21227

**B 3** LOCATION OF WELL  
 COUNTY Howard  
 SUBDIVISION Talbot's Last Shift  
 SECTION 9C LOT 9C  
 NEAREST TOWN Ellicott City  
 MILES FROM TOWN (enter 0 if in town) 3 M I

**B 1 Continued** **DRILLER INFORMATION**  
 Driller's Name Dana Kyker, Jr. IT 256  
 Westminster Rotary Well Drilling, Inc. 72 License No. 80  
 Firm Name Westminster Rotary Well Drilling, Inc.  
 Address Box 106, Westminster, Maryland 21157  
 Signature Dana Kyker, Jr. Date 6/28/82

**B 4** DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 TOWN  
 N, NE, E, SE, S, SW, W, NW  
 (S, E) is circled  
 NEAR WHAT ROAD Illchester  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH, WEST, SOUTH, EAST  
 (E) is circled  
 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 3/10  
 (M) is circled

**B 2** **WELL INFORMATION**  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 395

**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)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. City  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  

E	860	5
N	500	6

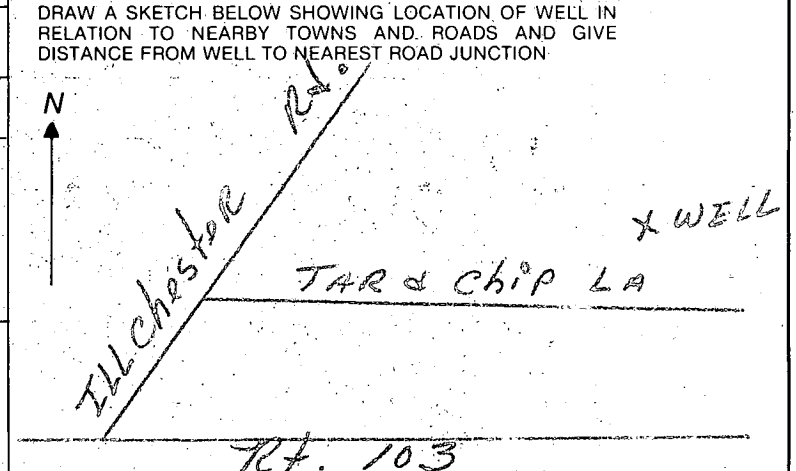
 57' CASING  
 2' ABOVE GROUND  
 LOCATION OK  
 38' OPEN  
 14 BAGS CEMENT  
 7-23-82  
 CW

APPROXIMATE DEPTH OF WELL 150' FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

**METHOD OF DRILLING** (circle one)  
 BORED (OR AUGERED) JETTED JETTED & DRIVEN  
 AIR ROTARY AIR PERCUSSION 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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41



**Not to be filled in by driller (OEP USE ONLY)**  
 APPROX. PERMIT NUMBER GAP  
 FORCE IS WRITE INITIALS IN BOX PERMIT NO. HO-73-4225

**B 4** NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME Howard COUNTY NO. 103  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH CIRCLE BOX   
 DATE ISSUED 07/1/82 Frank Skinner, Sanitarian  
 CO SIGNATURE \_\_\_\_\_  
 NORTH GRID 506 EAST GRID 0265 EXPIRES \_\_\_\_\_

**B 5** SPECIAL CONDITIONS 8-63