

12/4/85
12/3/85
PMA

PERMIT

P 36290

A 30765

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

~~992-2330~~

461-9933

01-184865

INDEXED

ELLICOTT CITY

DISTRICT 1st

DATE 12/02/85

Final map 12/3/85
C. Williams

Wesco Mechanical Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 6009 Olson Road, Glen Burnie, Maryland 21225 PHONE 789-7878

SUBDIVISION Talbot's Last Shift ROAD 5075 Talbot's Landing Rd LOT 1

PROPERTY OWNER Barbara G. Stedding

ADDRESS

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

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 185 sq. ft. per bedroom. Trench to be 2 feet 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.

LOCATION: Start the first trench 100 feet from the left lot line and 115 feet from the front lot line as seen when facing the property from the right of way. Run trench(s) along contour toward front of property.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 12/02/85

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.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 30765

POWER LINE R/W

HOWARD
ASS
Ilechester Rd

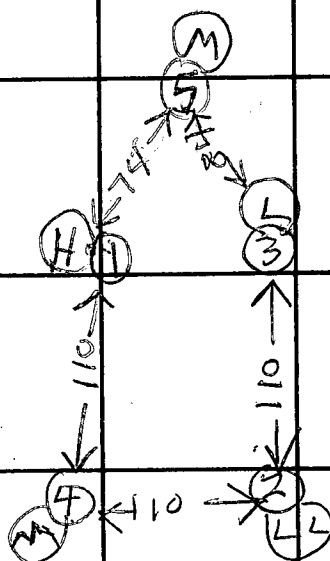
SOIL PROFILE

HOLE ELEVATION

LL = Lowest

M = Medium

H = Highest



A30765

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	1S	3	210	222	222	235	13
7/11/80	1D	12	210	215	215	222	7
	2S	4	216	218	218	227	9
	2D	12	216	220	220	227	7
	3S	3	231	236	236	242	6
	3D	11 1/2	231	239	239	249	10
	4V	12 1/2	TOP 4 FT CLAYISH BOT 8 1/2 SANDY LOAM				
7/11/80	5V	12 1/2	ALL SAND				

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

Kellerman

C1 3104 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) Date Received (OEP use only)	SEQUENCE NO. (OEP USE ONLY) DATE WELL COMPLETED 2 9 82	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 A30765 PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-4111
OWNER Stedding last name Bobbie first name G.		STREET OR RFD Ilchester Road TOWN Ellicott City	
SUBDIVISION Talbots Last Shift SECTION 1 LOT 1			

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	
Top Soil	0 2	
Sandy	2 11	
Sand Stone	11 30	
Micka	30 50	
Sand Stone	50 55	✓
Micka	55 125	
Sand Stone	125 180	✓
Micka	180 205	

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

DRILLERS IDENT. NO. **213**
 DRILLERS SIGNATURE **Rachel Maye**
(MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

WELL HAS BEEN GROUTED (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL
 CEMENT ☒ CM BENTONITE CLAY ☐ BC
 NO. OF BAGS **5** NO. OF ROUNDS **500**
 GALLONS OF WATER
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **18** ft.
(enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 STEEL ☒ ST CONCRETE ☐ CO
 PLASTIC ☐ PL OTHER ☐ OT
 MAIN CASING TYPE ☒ ST
 Nominal diameter top/main casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **21**

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

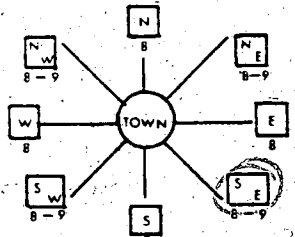
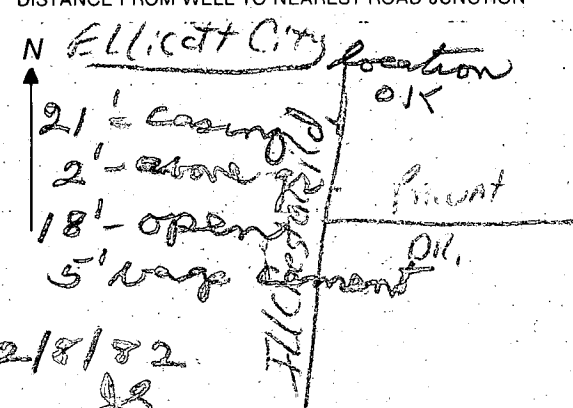
SCREEN RECORD
 screen type or open hole insert appropriate code below
 STEEL ☐ ST BRASS ☐ BR OPEN HOLE ☐ HO
 BRONZE ☐ PL PLASTIC ☐ PL OTHER ☐ OT

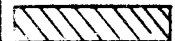
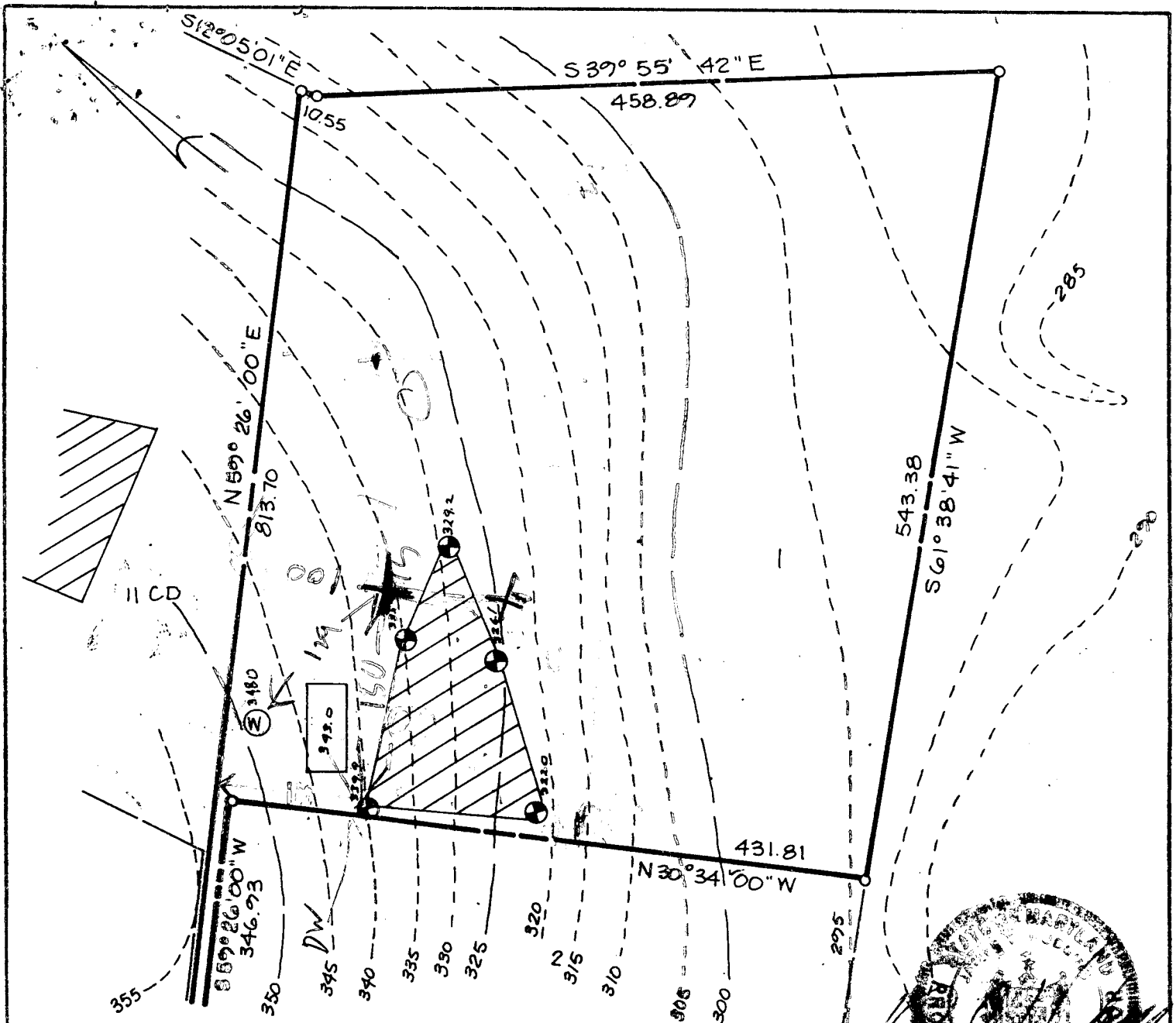
C2 (Seq. no.)
 DEPTH (nearest ft.) **18** **205**
 EACH SCREEN
 SLOT SIZE **2**
 DIAMETER OF SCREEN (NEAREST INCH)
 GRAVEL PACK
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐ F
 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T ☐ TELESCOPE CASING
 (E.R.O.S.) ☐ LOG INDICATOR
 W Q ☐ OTHER DATA

C3 (Seq. no.)
 PUMPING TEST
 HOURS PUMPED (nearest hour) **4**
 PUMPING RATE (gal. per min. to nearest gal.) **30**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **50**
 WHEN PUMPING **205**
 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 (CIRCLE APPROPRIATE BOX) ☐ Y ☒ 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 LAND SURFACE
☐ below **2** (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)

B 1 1216 (THIS NUMBER IS TO BE PUNCHED IN COLS. 36 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 012282	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER H0-73-4111 fill in this form completely
Date Received 2/8/82 (OEP Use Only) OWNER INFORMATION Last Name 15 STEADONING Owner 34 Name BOBBIE 36 3 DAK SHADOWS CT. 55 SALTONORE MD 21228 Town 57 State 76 Zip		B 3 LOCATION OF WELL COUNTY HOWARD SUBDIVISION TALPOTS CREST SL. FX. SECTION 23 LOT I NEAREST TOWN ELICOTT CITY MILES FROM TOWN (enter 0 if in town) 4	
B 1 Continued DRILLER INFORMATION RALPH MAYNE 223 Driller's Name 77 License No. 80 RALPH MAYNE (well drilling) Firm Name 3 Box 920 Mt Airy Rd. Address Ralph Mayne 111781 Signature Date		B 4 11111 Chester Rd. DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 1/4 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 38-39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 860° 2. 500° 3. OR. X WRITE THE BOX NUMBER FROM THE MAP HERE 860° 500°	
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)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		B 4 Howard COUNTY NAME COUNTY NO.	
METHOD OF DRILLING (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN 30 ☒ AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY) 37 ☐ CABLE REVERSE ROTARY DRIVE POINT other		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL 3076	
REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41		OEP SIGNATURE Frank Skinner, Sanitar STATE HEALTH ☒ DATE ISSUED 2/25/82 CO SIGNATURE Frank Skinner NORTH GRID 506 EAST GRID 0865 EXPIRES 072582	
Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE ES WRITE INITIALS IN BOX PERMIT NO. H0-73-4111		SPECIAL CONDITIONS 8-63	



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.

APPROVED: For Private Water and Private Sewage Systems

County Health Officer

Date

Signature

11-7-80



PERCOLATION TEST PLAT

PARCEL 1

TALBOT'S LAST SHIFT

PROPERTY OF

HOWARD ASSOCIATES

ILCHESTER ROAD

1st Election District

Howard County Maryland

Scale: 1"=100' Date: 7-18-80

NTT Associates

Suite 307

Clark Bldg.

Columbia Md. 21044

321-0307