

AM ready

12/1/90 WFI

PERMIT

P 46102
A 39268

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT _____

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 7/5/90

DATE SYSTEM APPROVED 8/16/90

INSPECTOR M. Riffin

~~WADE S O U I D E R~~
Michael & Linda Hunley

IS PERMITTED TO INSTALL ALTER _____

ADDRESS _____ PHONE _____

SUBDIVISION Huntsman's Ridge ROAD 16960 Old Frederick Road LOT 1

PROPERTY OWNER Michael Hunley

ADDRESS _____

SHALLOW SYSTEM ONLY. STRICT ADHERENCE TO DEPTH REQUIRED.

Walt Johnson Policy Rec'd

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 24 220 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the right front lot corner, place the 1st trench 30' down the front (219.80') line and 90' off the front line as seen when facing property from right of way. Run trenches along contour towards the front (219.80') 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. 6-14-90 JEN

PLANS APPROVED BY Bert Nixon cm DATE 08/20/87

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

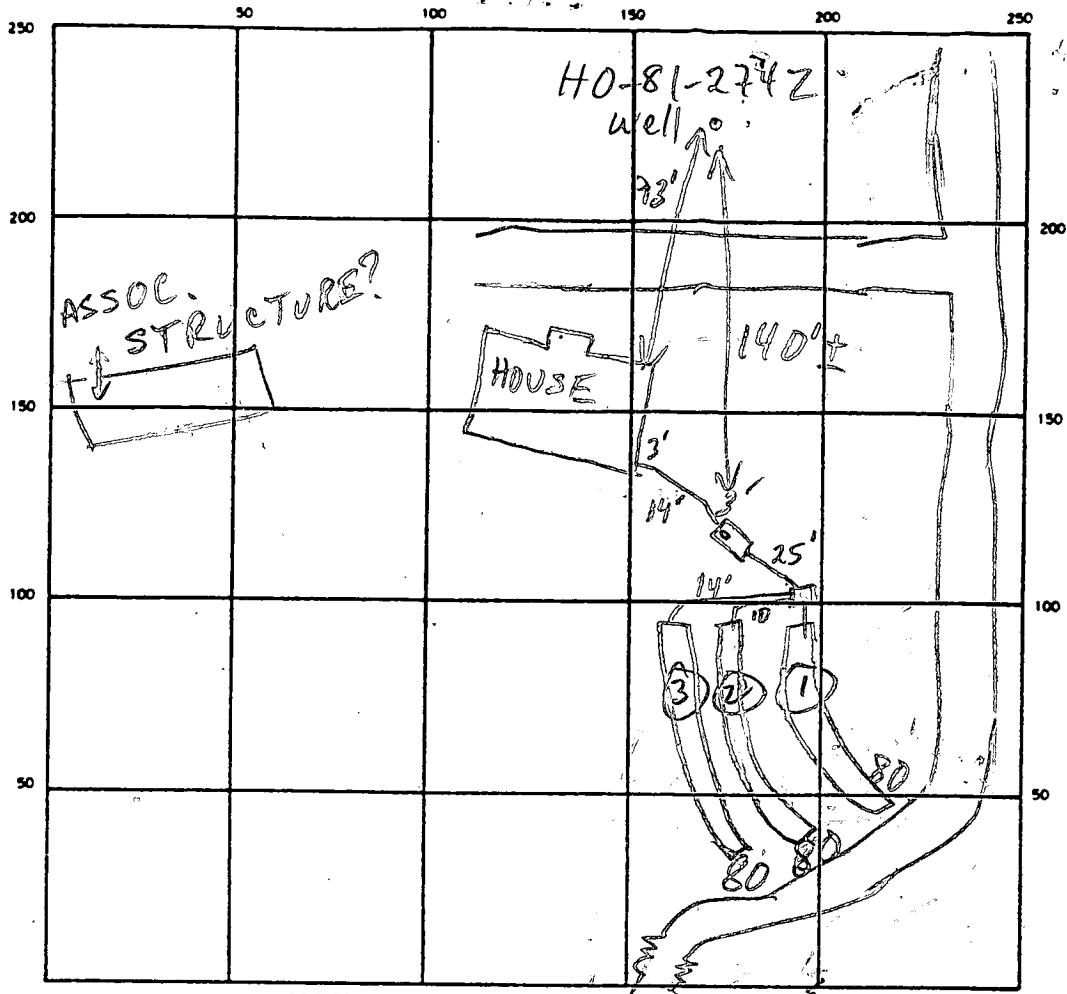
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 39268



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

OLD FREDERICK RD

SEPTIC TANK LEVEL 1000 GAL - OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TILE FIELD DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 @ 80' FT

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA (3) @ 240 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS 8/16/90 OK TO COVER MR

{
 10/9/90 W.P.I. - Final - ok, on line + pitless adapter, to cover
 (Water mound + dirt over, Depth ok)
 }
 C.B.S.

DATE SYSTEM APPROVED 8/16/90 INSPECTOR M. RIFKIN

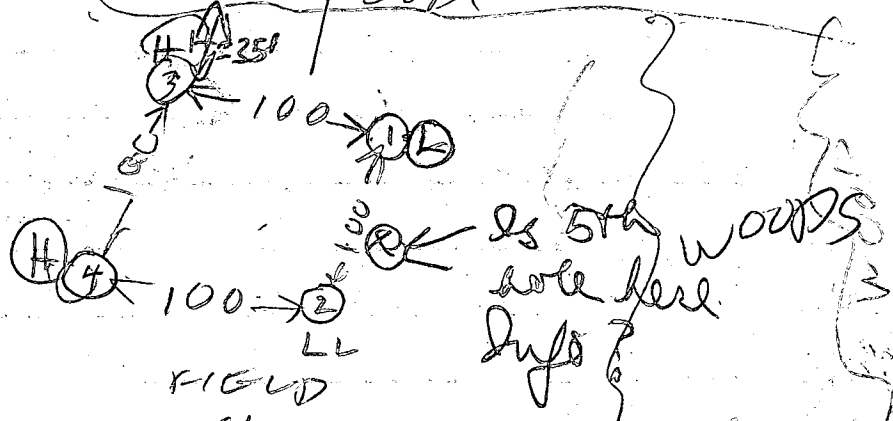
Lot new 1

TO LOT 2

Lot new 1
A39268-0

Howard County Sanitarium Old Field

FIELD



①

3	SAND CLAY
9	50% ROCK SAND CLAY
12	10% ROCK SAND CLAY

②

3	CLAY
6	SAND LOAM 100% FRAGS
10	SAND LOAM 75% FRAGS
13	SAND LOAM 100% FRAGS

③

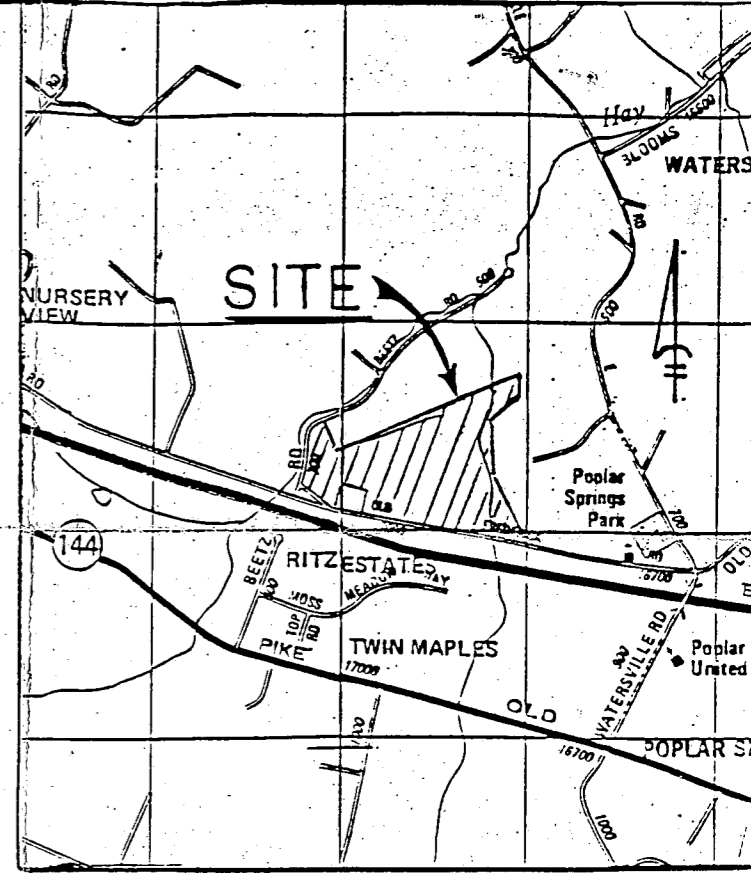
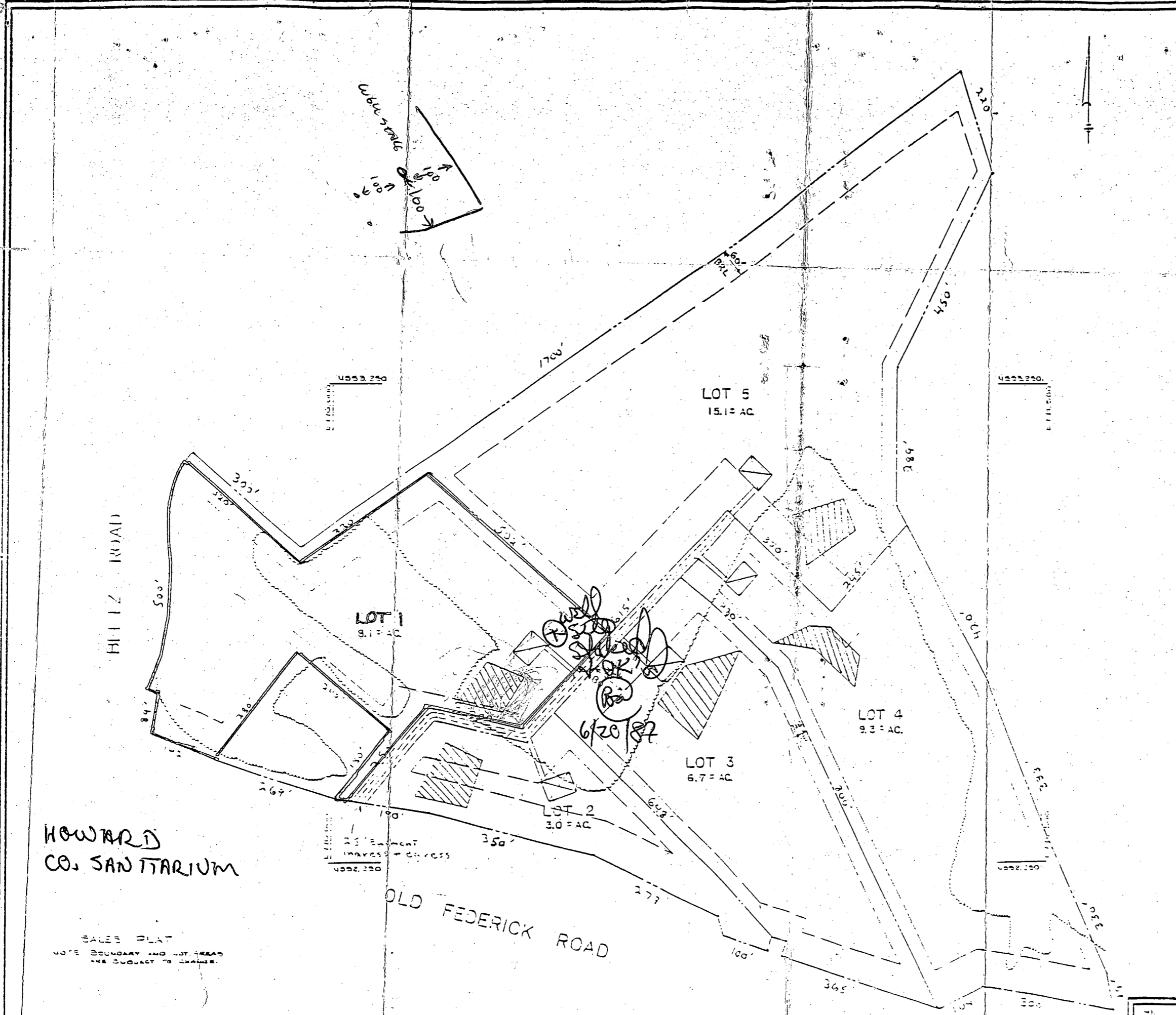
3	CLAY
6	SAND LOAM 150% FRAGS
11	ROCK BOT

④

3	CLAY
6	SAND LOAM 150% FRAGS
10	SAND LOAM 20% FRAGS
10	ROCK BOT

6/30/87
holes 1 & 2 outside woods. Distances not as shown here. Plat distances more accurate, shed 10K

1S	3 1/2	1020	1041	1041	1105	24
1V	12	OK				
2S	3 1/2	1025	1109	1109		
2V	13	OK				
3S	4	1031	1035	1035	1044	9
3V	11	OK	OK BUT NO DEEPER THAN 8 FT			
4S	4	1041	1059	1059	1130	29
4V	10	OK	OK BUT NO DEEPER THAN 7 FT			
3M	7	1108	1108	112	1116	4
1M	7 1/2	1141	1143	1143	1146	3
2ES	4 1/2	1150	1158	1158	1216	18
3M	8	1151	1156	1156	1210	14



VICINITY MAP 1"=2000'

HOWARD CO. SANITARIUM

HUNTSMAN'S RIDGE

TAX MAP 2 PARCEL 20
4TH ELECTION DISTRICT, HOWARD CO., MD.

JOHN E. HARMS JR. AND ASSOCIATES INC.
CONSULTING ENGINEERS - ARCHITECTS - SURVEYORS

DATE: 6/20/87

DATE	BY	DATE

C1 9525 SEQUENCE NO. (DENV. USE ONLY)
 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 39268-W**

DATE RECEIVED
 [] [] [] [] [] [] [] []

DATE WELL COMPLETED
05 21 22

DEPTH OF WELL
405
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HC-871-2742

OWNER **HUNLEY MICHAEL**
 STREET OR RFD **OLD FREDRICK ROAD** TOWN **POPLAR SPRINGS**
 SUBDIVISION **HUNTSMAN BRIDGE** 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	
Brown Shale	2	10	
Blue Slate	10	35	
Brown Slate	35	39	<input checked="" type="checkbox"/>
Blue Slate	39	60	
Flint Rock	60	65	<input checked="" type="checkbox"/>
Blue Slate	65	405	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **6** NO. OF POUNDS **600**
 GALLONS OF WATER **36**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **20** ft.

CASING RECORD
 casing types insert appropriate code below
ST **CO** **PL** **OT**
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE **PL** **G** **21**
 Nominal diameter top (main) casing (nearest inch) **4** **21**
 Total depth of main casing (nearest foot) **41**

OTHER CASING (if used)
 diameter inch from to

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

C2
 DEPTH (nearest ft.)
HO 20 405
 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

DRILLERS IDENT. NO. **273**
DRILLERS SIGNATURE *Ruth Meyer*
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) *Ruth Meyer*

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **22**
 METHOD USED TO MEASURE PUMPING RATE **Rocket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **35**
 WHEN PUMPING **230**
 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: **29**
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**
 PUMP HORSE POWER **37** **41**
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**
 CASING HEIGHT (circle appropriate box and enter casing height)
+ above } LAND SURFACE (nearest foot)
- below }

