



# HOWARD COUNTY HEALTH DEPARTMENT

67396

DATE  
5/21/20

W5

Received From

Chesapeake Geosystems

PHONE # 410-789-5020

For

Well Permit

12050 Old Frederick Rd

CASH  
 CHECK

NO.

40595

One Hundred Sixty

Dollars

\$

100 —

Received By

CM Formans

C1 67071

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Hebner, John; WELL SITE ADDRESS: 12050 Old Frederick Rd; TOWN: Marriotsville; SUBDIVISION: 0002; SECTION: ; LOT: 4

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Silty Sand, Brown-Dry M. Stiff, Weathered Rock, Rock Hard Grey, and note: Installed closed loop geothermal x2.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 15, NO. OF POUNDS 750, GALLONS OF WATER 360, DEPTH OF GROUT SEAL 400 ft.

CASING RECORD: MAIN CASING TYPE 60, Nominal diameter top (main) casing 63, Total depth of main casing 66.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type or open hole, insert appropriate code below. Includes options ST, BR, HO, PL, OT.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y), NO (N)

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MWD 598; DRILLERS SIGNATURE: Wesley A Wolfe

LIC. NO. 1 D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns: 1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24, 25-26, 27-28, 29-30, 31-32, 33-34, 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48, 49-50, 51-52

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

PUMPING TEST: HOURS PUMPED (nearest hour) N/A; PUMPING RATE (gal. per min.) N/A; METHOD USED TO MEASURE PUMPING RATE N/A; WATER LEVEL (distance from land surface) BEFORE PUMPING 40 ft; WHEN PUMPING N/A ft; TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED: DRILLER INSTALLED PUMP YES (N); IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS; TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29; CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-35; PUMP HORSE POWER 37-41; PUMP COLUMN LENGTH (nearest ft.) 48-47; CASING HEIGHT (circle appropriate box and enter casing height) 49 above, 49 below, LAND SURFACE 3 (nearest foot)

LATITUDE 39.321519; LONGITUDE 76.931891 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04. Failure to provide the info. may result in this form not being processed.

**B 1** 62999 **SEQUENCE NO. (MDE USE ONLY)**

**STATE OF MARYLAND**  
**APPLICATION FOR PERMIT TO DRILL WELL**  
please type

**STATE PERMIT NUMBER**  
Ho - 20 - 0002  
70 fill in this form completely 79

**OWNER INFORMATION**

Date Received (APA) 05/20/20  
8 MM DD YY 13

15 Last Name Hebner Owner John First Name 34

36 Street or RFD 12050 Old Frederick Rd 55

57 Town Marriottsville 70 State Md 72 Zip 21104 76

**B 3** **LOCATION OF WELL**

8 COUNTY Howard 21

23 SUBDIVISION 0002 42

SECTION 4 LOT 4  
44 46 48 50

52 NEAREST TOWN Marriottsville 71

**DRILLER INFORMATION**

Driller's Name Wesley Wolfe MWD 598 76 License No. 81

Firm Name Chesapeake Geosystems Inc

Address 6720 Ft Smallwood Rd Baltimore Md 21226

Signature Wesley A Wolfe Date 05-05-2020

**B 4** **SOURCES OF DRILLING WATER**

1. Public

2.

3.

11 STREET ADDRESS 12050 Old Frederick Rd 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 125 37  
DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 0010 BLK: \_\_\_\_\_ PARCEL 0297

**B 2** **WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) N/A

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) N/A

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, DEWATERING

P PUBLIC WATER SUPPLY WELL

T TEST, OBSERVATION, MONITORING

O OPEN LOOP GEOTHERMAL

C CLOSED LOOP GEOTHERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME Howard COUNTY NO. 21

STATE SIGNATURE \_\_\_\_\_ INSERT S →

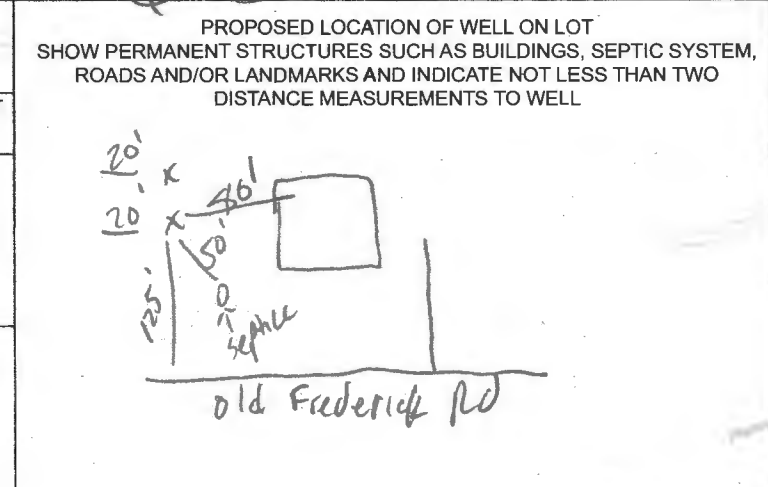
DATE ISSUED 05/29/2020 EXP. DATE \_\_\_\_\_

43 MM DD YY 48 CO SIGNATURE \_\_\_\_\_

DOB: 1/21

APPROXIMATE DEPTH OF WELL 400 FEET  
24 28

APPROXIMATE DIAMETER OF WELL 6 INCH  
NEAREST INCH



**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 \_\_\_\_\_

**REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)**

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_

PERMIT No. Ho - 20 - 0002

70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS** NONE

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

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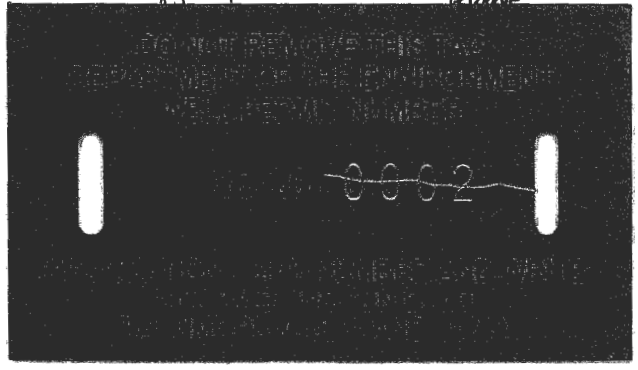
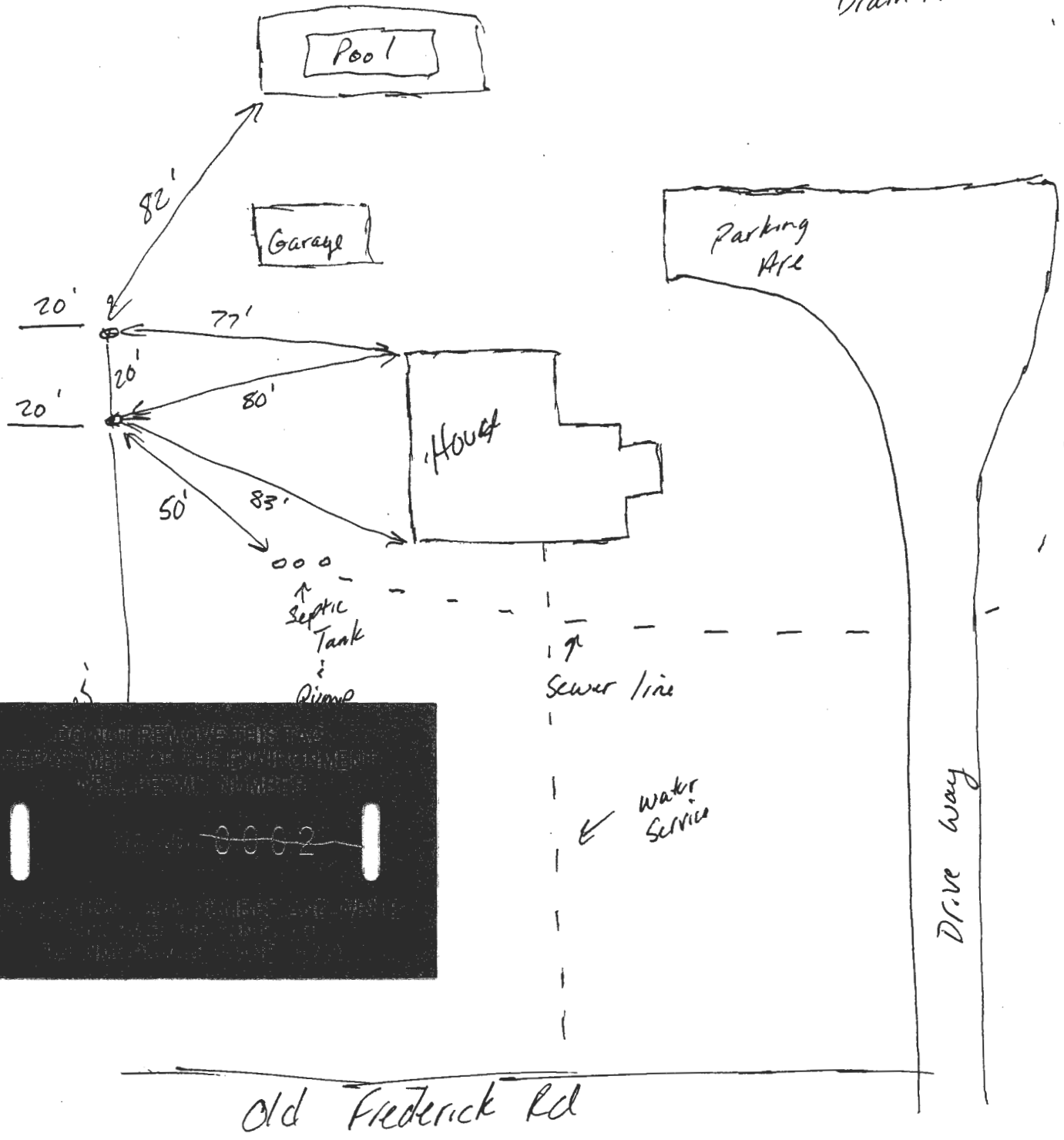
12050 Old Frederick Rd  
Marriottsville Md 21104

Hebner Residence  
2 wells @ 400' ea  
1.25" closed loop geothermal

APPROVED 05/29/2020 (+) 000007  
HO-20-0002



cell in cell

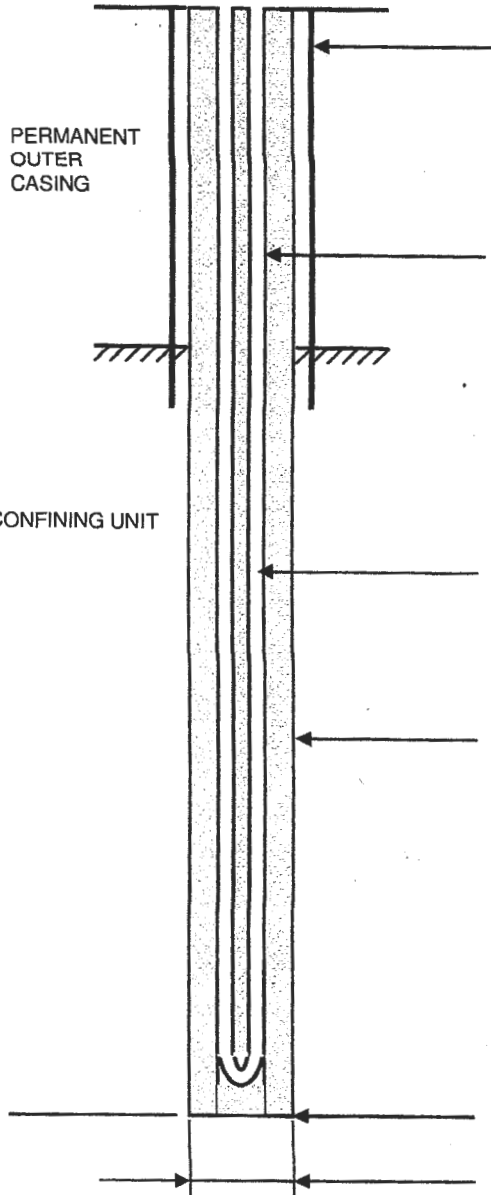


# WELL SCHEMATIC FORM

GROUND SURFACE

PERMANENT  
OUTER  
CASING

CONFINING UNIT



PERMANENT OUTER CASING (if area contaminated)

MATERIAL \_\_\_\_\_  
 DIAMETER \_\_\_\_\_  
 LENGTH \_\_\_\_\_  
 DEPTH INTO CONFINING UNIT \_\_\_\_\_

TUBE CASING (if not regular, single loop)

ATTACH HORIZONTAL SCHEMATIC \_\_\_\_\_  
 NUMBER OF TUBES PER BOREHOLE \_\_\_\_\_  
 DIAMETER OF TUBES \_\_\_\_\_  
 MATERIAL \_\_\_\_\_  
 SHAPE AND LENGTH \_\_\_\_\_  
 TUBE CONNECTION METHOD \_\_\_\_\_  
 TUBE CONNECTION MATERIAL \_\_\_\_\_

LOOP PIPE CASING (regular, single loop)

MATERIAL HDPE? YES  NO   
 DIAMETER 1.25"  
 LENGTH 460'

GROUT

MATERIAL Bentonite  
 PERMEABILITY  $2.5 \times 10^{-8}$  cm/sec  
 WATER / GROUT RATIO 24/50  
 PERCENT SOLIDS 20%

TREMIE GROUTED FROM BOTTOM OF BOREHOLE? YES  NO

USING A POSITIVE DISPLACEMENT PUMP? YES  NO

DEPTH TO THE BOTTOM OF HOLE

DIAMETER OF BOREHOLE

400'

6"

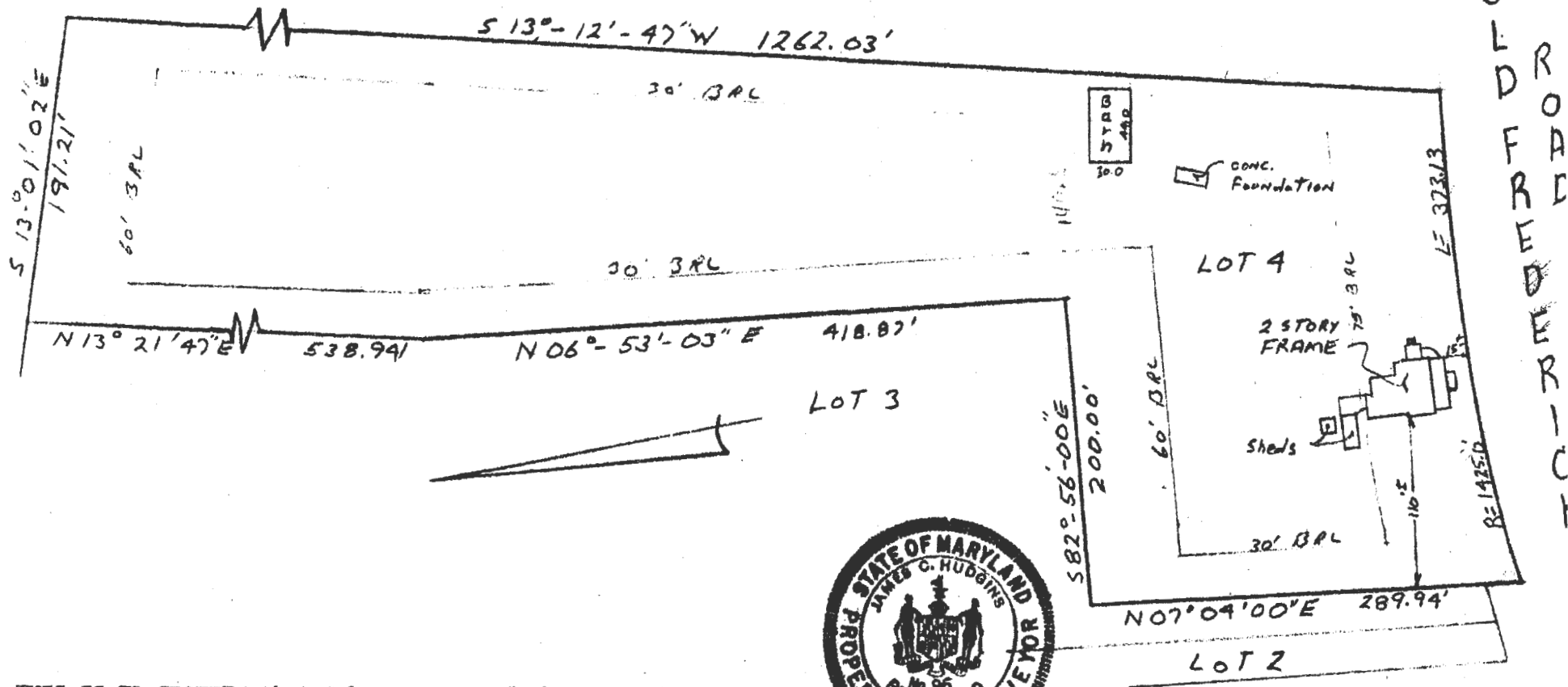
WELL ADDRESS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LOT NUMBER: \_\_\_\_\_

SQUARE NUMBER: \_\_\_\_\_

WELL OWNER: \_\_\_\_\_  
 \_\_\_\_\_

OWNER ADDRESS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



THIS IS TO CERTIFY that I have surveyed the property known as Lot 4 as shown on Plat of Subdivision known as "PEDDICORD PROPERTY AND A REVISION TO LOT 1" which Plat is recorded among the Land Records of Howard County, Maryland on Plat No. 4339, for the purpose of locating the improvements thereon.



LOCATION SURVEY  
 12050 Old Frederick Road  
 3rd Election District  
 Howard County Md  
 Scale 1" = 100' Date 9-5-80

*J. Carl Hudgins*  
 J. Carl Hudgins PLS #96

Real Property Data Search

Search Result for HOWARD COUNTY

View Map	View GroundRent Redemption	View GroundRent Registration
Special Tax Recapture: None		
Account Identifier: District - 03 Account Number - 307581		
Owner Information		
Owner Name:	HEBNER JOHN H HEBNER SALLY S T/E	Use: Principal Residence: RESIDENTIAL YES
Mailing Address:	12050 OLD FREDERICK RD MARRIOTTSVILLE MD 21104-1408	Deed Reference: /04098/ 00102
Location & Structure Information		
Premises Address:	12050 OLD FREDERICK RD MARRIOTTSVILLE 21104-0000	Legal Description: LOT 4 5.954 AR 12050 OLD FREDERICK RD PEDDICORD PROP
Map: 0010	Grid: 0019	Parcel: 0297
Neighborhood: 3010102.14	Subdivision: 0002	Section: 4
Block: 4	Lot: 4	Assessment Year: 2019
Town: None		Plat No: Plat Ref:
Primary Structure Built: 1920	Above Grade Living Area: 2,502 SF	Finished Basement Area: 5.9500 AC
County Use:		
Stories: 2	Basement: NO	Type: STANDARD UNIT
Exterior: SIDING/	Quality: 4	Full/Half Bath: 2 full/ 1 half
Garage:		Last Notice of Major Improvements:
Value Information		
	Base Value	Value
		As of 01/01/2019
Land:	220,600	247,100
Improvements:	183,100	166,100
Total:	403,700	413,200
Phase-in Assessments:		As of 07/01/2019
		As of 07/01/2020
Land:		
Improvements:		
Total:		406,867
Preferential Land:	0	0
Transfer Information		
Seller: GRAHAM DONALD R	Date: 10/30/1997	Price: \$250,000
Type: ARMS LENGTH IMPROVED	Deed1: /04098/ 00102	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Exemption Information		
Partial Exempt Assessments:	Class	07/01/2019
County:	000	0.00
State:	000	0.00
Municipal:	000	0.00 0.00
0.00 0.00		
Special Tax Recapture: None		
Homestead Application Information		