

6/22/90 ASAP

05-376106

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 46124

A REPAIR

DISTRICT _____

DATE 7/6/90

DATE SYSTEM APPROVED 6-22-90

INSPECTOR JEN

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Jack Fyock Septic Service IS PERMITTED TO INSTALL _____ ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION _____ ROAD 12701 Hall Shop Road LOT _____

PROPERTY OWNER St. Mark's Church

ADDRESS 12701 Hall Shop Road

ADDRESS Highland, Maryland 20777

~~XXXXXX GARDEN IS USED TO INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 12%~~

~~GARBAGE GRINDER? XXXYESXXXXXXXXXXNOXXXXXXXX~~

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS 4

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

125 sqft / bdr. Inlet 4.0', Bottom 11.0'. Install
2 - 35 ft trenches. 7.0 ft stone. 6-22-90 JEN

PLANS APPROVED BY Craig Williams CM DATE 06/19/90

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

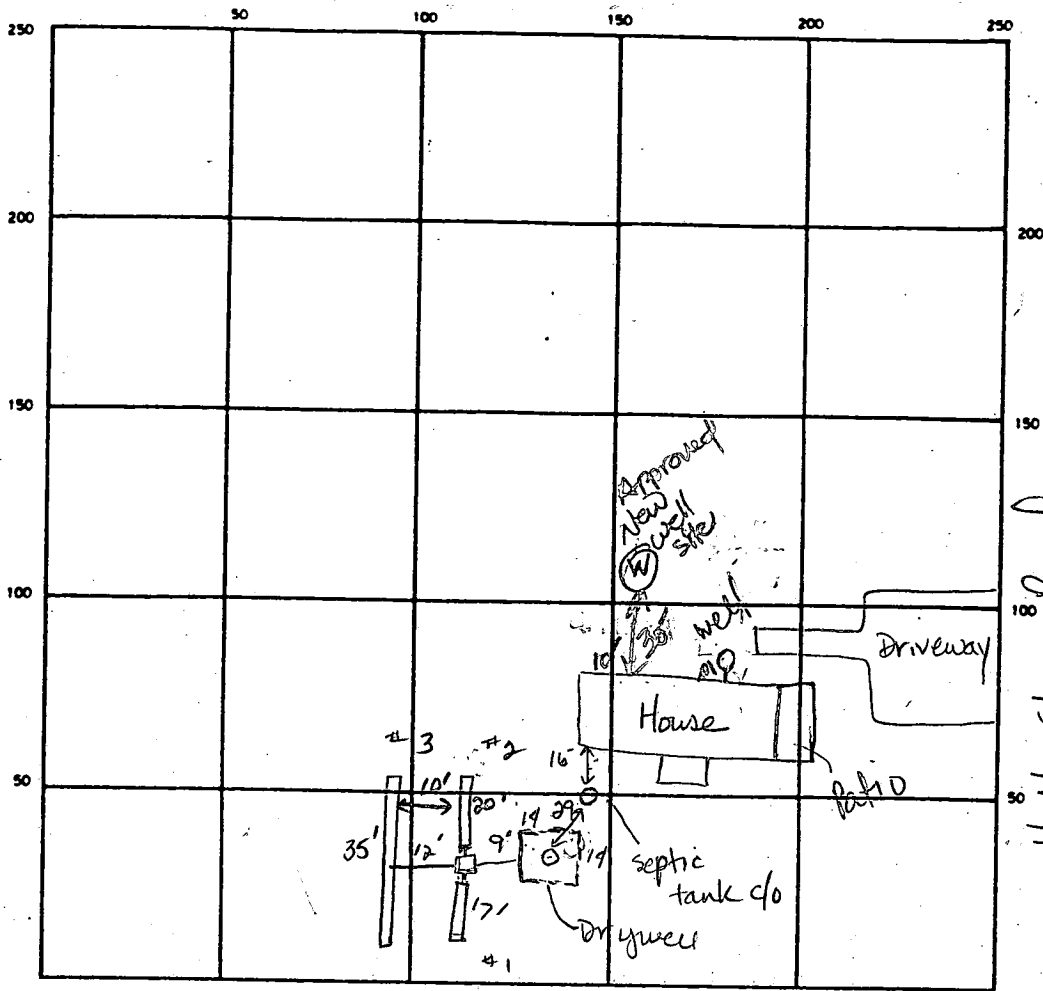
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

Handwritten signature/initials



12
125
7 | 590
71



neighbor's well
100+ ft away

Hall Shop Road

St. Mark's
Episcopal
Church

Proposed well site

INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE
Route 216

SEPTIC TANK LEVEL Existing CLEANOUTS 1 on tank, 1 on drywell
 DISTRIBUTION BOX LEVEL OK w/ baffle, set in stone
 DRAIN FIELD/TILE FIELD DEPTH 11 11 11 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 4.0 FT.
 EFFECTIVE GRAVEL DEPTH 7 FT. TOTAL LENGTH 17' 20' 35 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 119 140 245 SQ. FT.
 DRYWELL INSIDE DIAMETER Existing FT. EFFECTIVE DEPTH BELOW INLET ? FT.
 ABSORBENT AREA 504 SQ. FT.

REMARKS 6-22-90 OK to stone all trenches, OK to add pipe & paper. OK to cover all work. JEN

DATE SYSTEM APPROVED 6-22-90 INSPECTOR Jane E. Madigan

C1- 5611

SEQUENCE NO. (DENV USE ONLY)

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 PH1124 OK 4/11/95 DJS

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 22 300 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0304

OWNER ST MARK'S CHURCH last name 12701 first name TALL SUBDIVISION SECTION LOT

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 Top Soil, Boulder, Brown Mica, sand stone, Gray Mica, Brown Mica, Gray mica, opening, Gray Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 25 NO. OF POUNDS 3500 GALLONS OF WATER 110 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 48 ft.

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

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) BT 60 61 63 64 66 60 70

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

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

DEPTH (nearest ft.) 1 2 3 40 58 300

CIRCLE APPROPRIATE LETTER 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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

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 1 2

PUMPING TEST HOURS PUMPED (nearest hour) 7 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING 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: 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)

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: March 17, 95 (month/day/year)

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* PERMIT NUMBER OF ABANDONED WELL (if any)

* PERMIT NUMBER OF REPLACEMENT WELL

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* PERSON ABANDONING WELL: Albert E. Eastenday

WELL DRILLERS LICENSE NUMBER: AWD 522

* OWNER'S NAME: ST. MARKS Church

* WELL LOCATION:

COUNTY: Howard
 NEAREST TOWN: Highland
 TAX MAP _____ BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____

X	
000	000

SHOW WELL LOCATION
 BY X WITHIN BOX

MARYLAND GRID COORDINATES

BOX NUMBER E 810
 N 480 ←

* TYPE OF WELL BEING ABANDONED:

DRILLED _____ JETTED
 _____ BORED/AUGURED _____ HAND DUG
 _____ OTHER (specify) _____

USE CODE:

DOMESTIC _____ MUNICIPAL/PUBLIC
 _____ IRRIGATION _____ INDUSTRIAL
 _____ TEST/OBSERVATION

* TYPE OF CASING:

STEEL _____ PLASTIC
 _____ CONCRETE _____ OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 65 FEET DEEP

* WAS ANY CASING REMOVED? YES _____ NO
 if yes, length removed, in feet: 5

* WAS CASING RIPPED OR PERFORATED? _____ YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
Gravel	65	58
Hole Plug	58	53
Cement	53	5
Fill Dirt	5	0

George F. Eastenday 3/21/95
 SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICENSE # DATE

051-376106

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

3/16/95
No inspection
all covered
at arrival

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

ck
9:45p

New Installation Replacement Receipt # -0
Date 3/14/95

Name of Installer ALLEN M. VAN SANT INC. Telephone 410-442-2221

License Number 6501
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner ST. MARK'S CHURCH / REV. KIMMAL Telephone (301) 854-2079
Subdivision _____ Lot # _____ Well Tag # 110-04-12384
Site Address 12701 HALL SHOP ROAD

Pump	Motor	Pitless Adapter
1. Type	1. Horsepower <u>3/4</u>	1. Make <u>HARJAD</u>
a. Deep well jet _____	2. RPM _____	2. Model # <u>14</u>
b. Shallow well jet _____	3. Voltage <u>220</u>	3. Depth <u>31"</u>
c. Submersible <input checked="" type="checkbox"/>	a. 110 _____	
2. Make <u>COULDS</u>	b. 220 _____	
3. Model # <u>56507412</u>		
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No <input checked="" type="checkbox"/>		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards <input checked="" type="checkbox"/> Other <u>3" sleeve 100ft.</u>		
Tank	Piping	Well data
1. Capacity <u>42</u>	1. Type <u>160 LBS. PE</u>	1. Depth <u>300</u> ft.
2. Pressure relief valve? <input checked="" type="checkbox"/>	2. Size <u>1"</u>	2. Yield _____ GPM
	3. NSF and/or BOCA Code approved <input checked="" type="checkbox"/>	3. Static water level _____ ft.
	4. Depth of supply line <u>36"</u>	4. Will water supply be disinfected by installer? <u>YES</u>

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: [Signature]

Date: 3/16/95

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

HD-215

Note 3/16
Note
New well only to be in service
old well - gas pipe broken & not plumbed.
Heavy drops to well

Check Diameter of site

6/19/97

Record of Telephone Conversation

Re: St Mark's Church Rectory
12701 Hall Street Rd.

I discussed muddy water problem at length with the new reverend (Barbara 301-854-2384) at St Mark's Church (12701 Hall Street Rd) well is 2 yrs old, HO-94-0384 for the Potomac Home; Completion report is with P46124 Repair completed in March '95.

I discussed the well log + explained in depth possible causes and possible solutions and mentioned Eastonday's breakdown video camera filming of well from inside as things worth considering but ultimately her choices are ① drill a new well + hope, ② get an effective water filter system (range of choices here) or ③ learn to live with problem and hope (pray) it alleviates itself over time.

Jeffery
6/19/97