

# PERMIT

P 31990  
A 26951

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 6/23/82

## INDEX

*BACKHOE*

Paul Schissler - South Carroll ~~Backhoe~~ Service IS PERMITTED TO INSTALL  ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Kalmia Farms ROAD 5244 Ilex Way LOT 21, Sec. 1

PROPERTY OWNER Mr. and Mrs. James Hastings

ADDRESS 22 Rievalx Avenue, Knarlesborough, England OP 864037

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DEEP TRENCH \_\_\_\_\_ DEPTH \_\_\_\_\_ FEET, BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRY WELL - SEEPAGE PITS  ABSORBENT SIDE-WALL AREA 125 SQ. FT. per bedroom

INLET PIPE 2-2 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 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

Locate the dry well 135 ft. in from Ilex Way and in 145' from right property line as seen when facing lot from Ilex Way.

*360' ABS. AREA - 13' SQ DRYWELL, 7'-7 1/2' DEEP CW 8-16-82*

PLANS APPROVED BY Charles B. Streaker DATE 2/13/79

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.

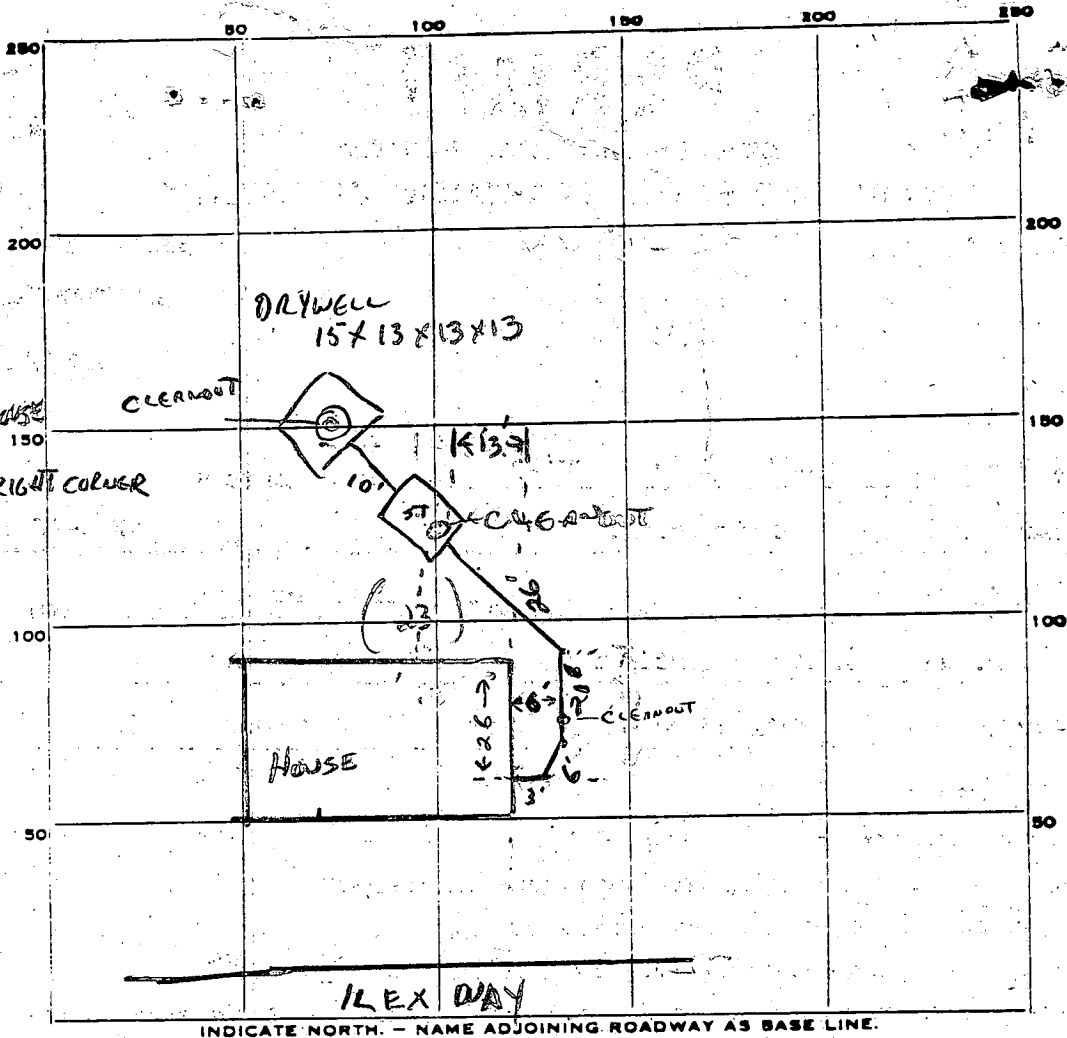
ENCL. PERMIT SIGNED  
AND RETURNED 5/10/88  
*Serial # 18359*  
*Addition - family room*

A 26951

*8/16/82*  
*8/17/82*  
*11:00 a 12:00*

*8-17-82*

S.T. LOCATED  
 23' BEHIND HOUSE  
 13' OFF BACK RIGHT CORNER



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD  \_\_\_\_\_  
 SEPTIC TANK, LEVEL  \_\_\_\_\_  
 DISTRIBUTION BOX, LEVEL \_\_\_\_\_  
 TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT.

ST DW INLET PIPE  
    
 CLEANOUTS

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH \_\_\_\_\_ FT.

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

SEEPAGE PITS, INSIDE DIAMETER 54 FT. DEPTH BELOW INLET 7 FT. INLET AT \_\_\_\_\_

ABSORBENT AREA 378 SQ. FT. INLET AT 3 FT.

REMARKS 56' OF CAST IRON PIPE W/3 BENDS PRIOR TO SEPTIC TANK.  
CLEANOUT MAY BE REQUIRED. 8-16-82 CW

- DRYWELL OK. FINISH ADDING STONE. PUT CLEANOUT BETWEEN FIRST TWO BENDS W INLET PIPE. 8-17-82 CW

- GRAVEL OK, INLET CLEANOUT OK. COVER ALL WORK 8-17-82 pm CW

DATE SYSTEM APPROVED 8-17-82 INSPECTOR C. Williams

# APPLICATION

A 26951

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE <sup>1000 gallons</sup>

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th  
DATE 9/27/77

*Septic tanks* { <sup>1-3 Bedrooms</sup>  
4 Bedrooms

*Dry well to have 125 sq. ft. effective absorbant sidewall area per bedroom below inlet. Inlet to be 2'-2 1/2' below original grade and maximum depth 10'. Location per engineer's plat: 135' from Sides Way and 45' from light property line when facing lot from Sides Way.*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*B.P. 49209*

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mr. & Mrs. James Hastings  
~~Kimburthill, Inc. 1/4 Kalmia Farms Nursery~~

ADDRESS 29 Rivalex Ave. Charlesborough, England OP6 4037  
~~2901 Otney Sandy Spring Road, Otney, Maryland~~ 924-3668

PROPERTY LOCATION: C Prudemark Homes, Inc - 87-1100 - builders

SUBDIVISION Kalmia Farms SEC. I. LOT NO. 21 per 23 conversion

ROAD AND DESCRIPTION Triadelphia Mill Road, Howard County, Maryland

*5244 Hex Way*

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. 3 bedrooms  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE

SIGNATURE OF APPLICANT [Signature]

APPROVED BY C. B. [Signature] FOR Dry Well DATE 2/13/79  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

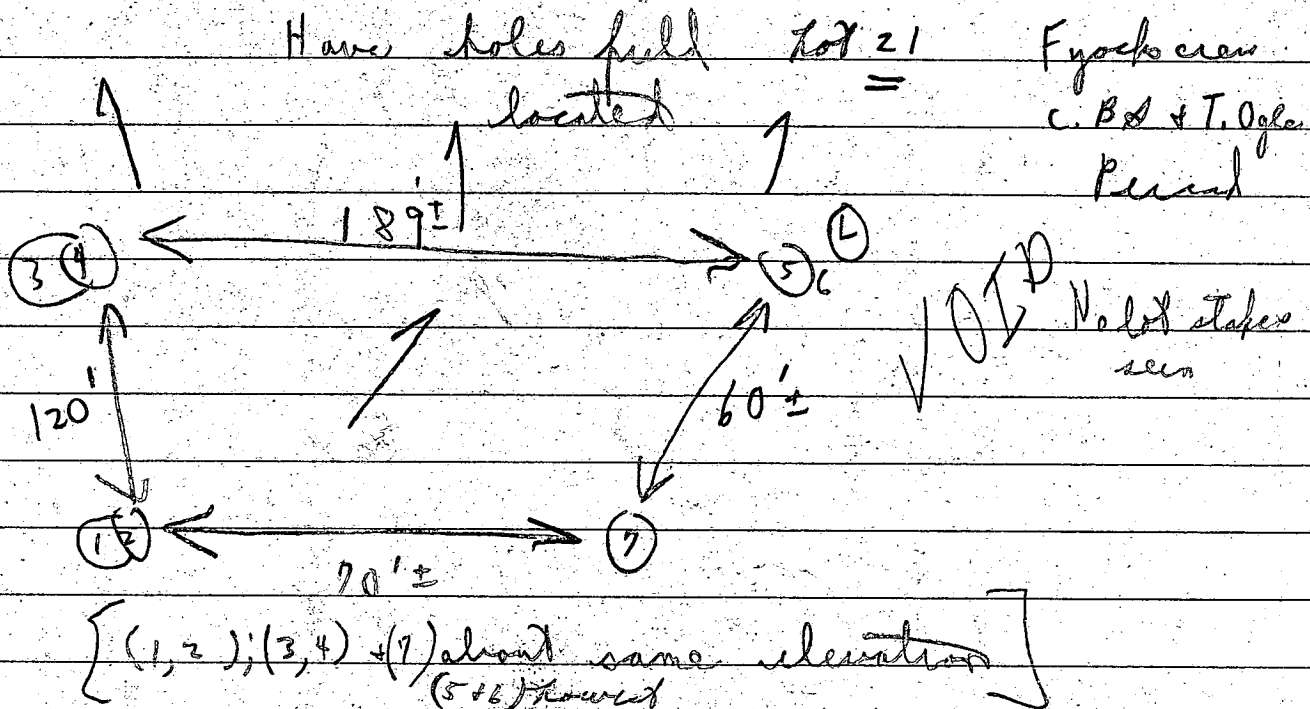
REASONS FOR REJECTION OR HOLDING for supersession shallow tests

BLDG. PERMIT SIGNED AND RETURNED 5/28/82  
Serial # 49209

# THIS IS NOT A PERMIT



Find + New # ~~108~~ possibly



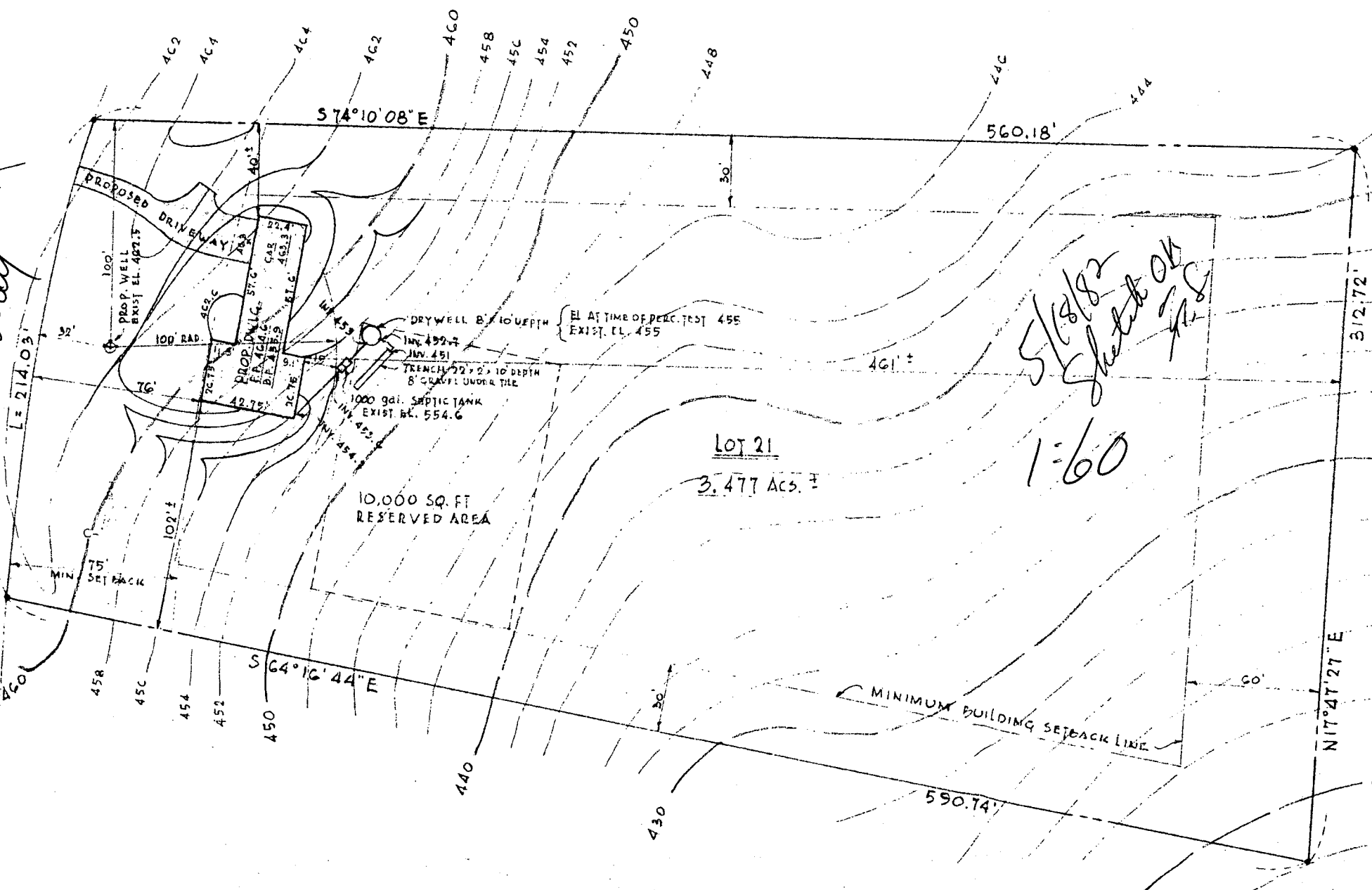
Soil profile	Test	Depth	Start 1st	Start 2nd	Finish	Total
Loam Mier	# 1	5'	2:52	2:55	2:58	3 min
	2	12'	2:53	2:55	2:58	4 min
	3	4 1/2'	2:29	2:31	2:34	3 min
Below	4	12'	2:28	2:31	2:36	5 min
Clay	5	4 1/2'	2:17	2:29	2:38	9 min
	6	13'	2:18	2:21	2:30	9 min
Sandy loam below clay @ 4 1/2'	7	11 1/2'	Visual			6/33 6 min avg

unless 4'  
 good ground  
 5'

Field sheet

LOT 20

WAY (50' R/W)  
*Ilex Way*



*5/18/82*  
*Sketch OK*  
*1:60*

LOT 21  
3,477 Ac. ±

DIOT PLAN

7364

EMERGENCY/TEMP. NO. IF ANY

B 1 7208

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

H0-73-4154

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

please print or type

fill in this form completely

Date Received 040782

OWNER INFORMATION

Priderark Custoz Homes

Last Name 15 Owner 34 Name

0307278

Street or RFD 55

Millersville Md 21108

Town 57 State 76 Zip

B 3 LOCATION OF WELL

COUNTY Howard

SUBDIVISION Kalamia Farms

SECTION 1 LOT 21

NEAREST TOWN Dayton

MILES FROM TOWN (enter 0 if in town) 3

B 7 Continued DRILLER INFORMATION

George Easterday

Driller's Name 77 License No. 80 40

L.F. Easterday, Inc

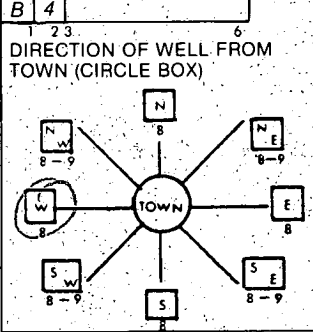
Firm Name

7265 Brown Church Rd. Mt. Airy Md.

Address

George F. Easterday 4/5/82

Signature Date



Philadelphia Will

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST EAST SOUTH NORTH

1000

DISTANCE FROM ROAD

1000

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

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.

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

790 S

500 S

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

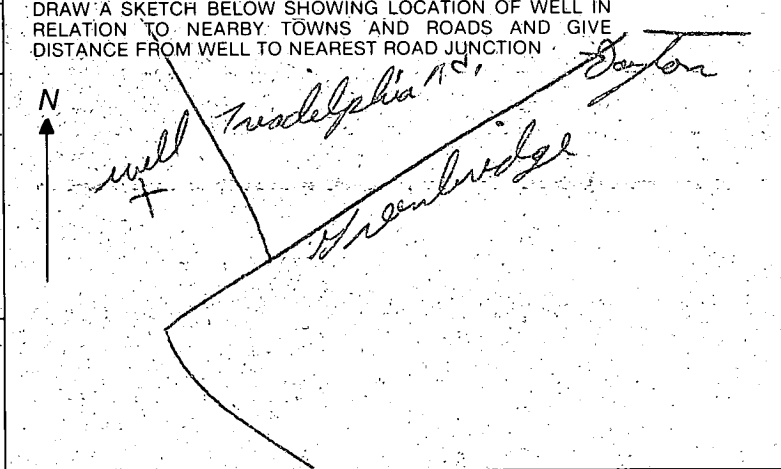
other

REPLACEMENT OR 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)



Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER G A P

FORCE FS WRITE INITIALS IN BOX

PERMIT NO. H0-73-4154

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

426951 COUNTY NO.

OEP SIGNATURE

DATE ISSUED 041982 Frank Shenn

STATE HEALTH CIRCLE BOX  41

CO SIGNATURE

NORTH GRID 505 EAST GRID 0795 EXPIRES 01982

B 5 SPECIAL CONDITIONS 8-63

HEALTH

Handwritten signature



C1 3145

SEQUENCE NO. (OEP 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 A26951

Date Received (OEP use only)

DATE WELL COMPLETED

Depth of Well

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

5 7 82

300

40-73-4154

OWNER Pridemark Custom Homes

(James Hastings)

STREET OR RFD 5244 Ilex Way

TOWN Dayton

SUBDIVISION Kalmia Farms

SECTION 1

LOT 21

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

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

C 3 (Seq. no.)

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, SHALE Y, SANDSTONE, MICA, SANDSTONE, MICA, SANDSTONE, MICA, FLINT, MICA.

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 900 GALLONS OF WATER 45 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 36 ft.

PUMPING TEST HOURS PUMPED (nearest hour) 4

PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 28 WHEN PUMPING 152 TYPE OF PUMP USED (for test)

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

A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) S 1 6 39

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

PUMP INSTALLED YES NO 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 below LAND SURFACE 2 (nearest foot)

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

C 2 (Seq. no.) DEPTH (nearest ft.) H O 37 300 SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH) GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

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)

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

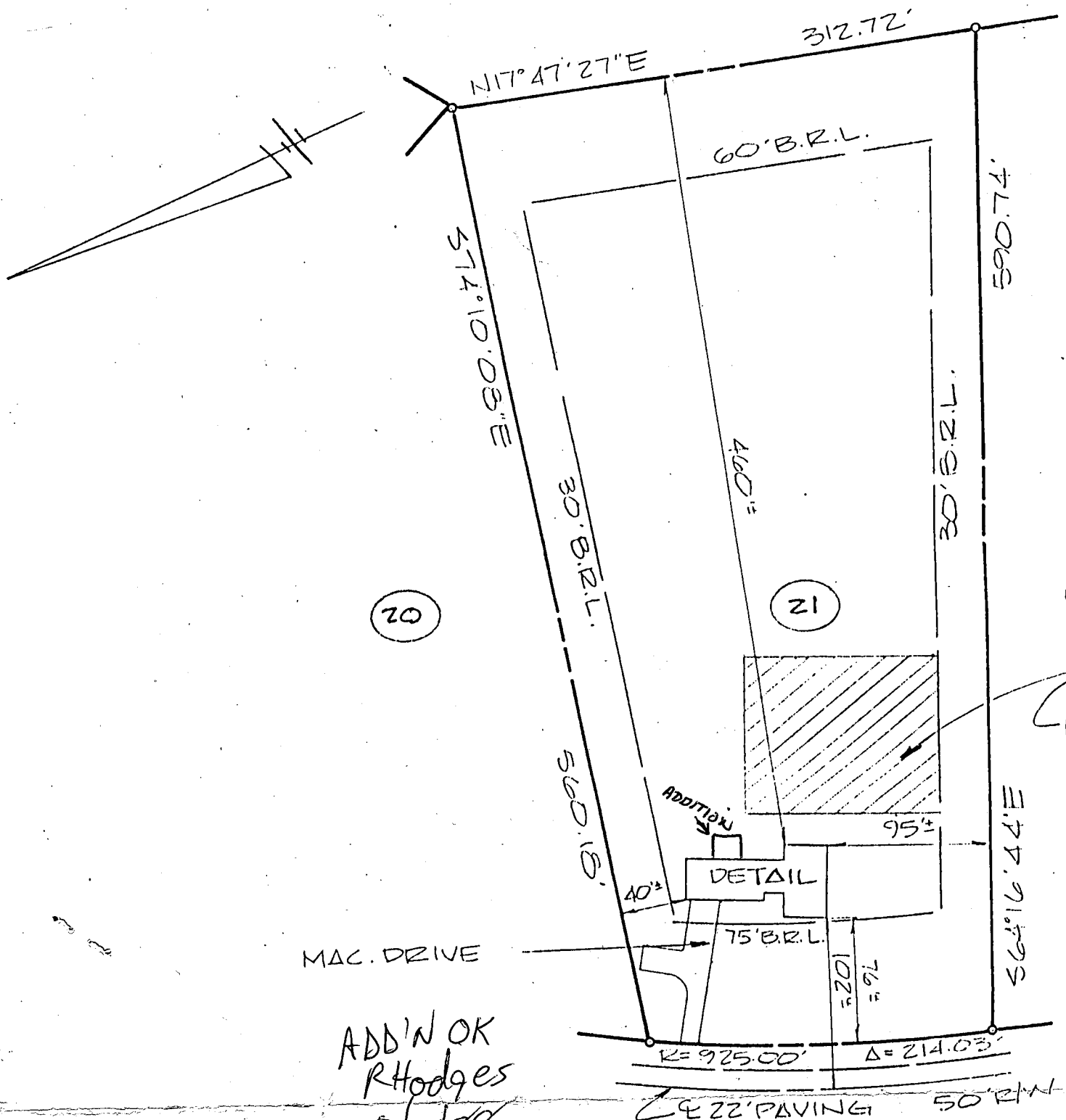
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE Charles P. Fisher SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

LEFT Lot Line 30' 40' FRONT Lot Line





MAC. DRIVE

ADD'N OK  
R. Hodges  
5/10/88

22' PAVING 50' R/W

ILEX WAY  
SCALE: 1"=100'

ADDITION

