

C1 14169

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 512673

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 400

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3678

OWNER Thomson last name Green Hollow Way first name Date TOWN Hightland SUBDIVISION Cwings Property SECTION LOT 12

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sand Stone, MICKA, and FLINT ROCK.

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (14), NO. OF POUNDS (1400), GALLONS OF WATER (54), DEPTH OF GROUT SEAL.

CASING RECORD form with fields for MAIN CASING TYPE (PL), Nominal diameter (60), Total depth of main casing (41).

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form with fields for screen type (HO), diameter of screen (39), and depth (400).

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED: YES (Y) NO (N)

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

DRILLERS LIC. NO. 1 MSD 117 DRILLERS SIGNATURE (Must match signature on application) LIC. NO. 1 D

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

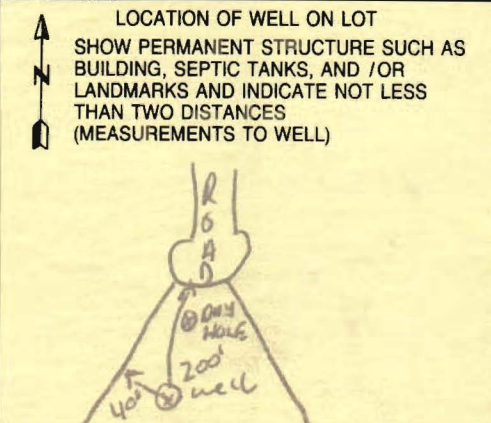
DEPTH (nearest ft.) table with rows for A, C, H, S, R, E, N and columns for 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51.

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST form with fields for HOURS PUMPED (3), PUMPING RATE (4), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (35 ft. before, 125 ft. when pumping), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (2).



B 1	8975	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>HO-94-3678</u> <small>fill in this form completely</small>
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Date Received (APA) 04 11 03

**OWNER INFORMATION**

Thompson Owner Last Name      DALE First Name

6300 WOODSIDE CT. Street or RFD

Columbia Town      MO. State      21043 Zip

**LOCATION OF WELL**

Howard COUNTY

Owings Prop SUBDIVISION

SECTION 44 LOT 12

High Land NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) I M I

**DRILLER INFORMATION**

Ralph E. MAYNE Driller's Name      M S D 117 License No.

Ralph E. MAYNE well drilling Firm Name

17024 Handy Rd Mt Airy MD 21771 Address

Ralph E. Mayne Signature      6-4-02 Date

**DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

**ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)**

Highland Rd NEAR WHAT ROAD

1500 DISTANCE FROM ROAD

TAX MAP: 40 BLK: 4 PARCEL: 44

**WELL INFORMATION**

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

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

Howard COUNTY NAME      512673 COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S →

DATE ISSUED 04 21 03 CO SIGNATURE J. J. J. EXP. DATE 04/21/04

NORTH GRID 491 EAST GRID 810

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

E 810

N 491

**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 DEEPEMED 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

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

APPROP. PERMIT NUMBER H02002G003

PERMIT No. HO-94-3678

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3678  
 Location of property (road) Green Hollow Way (off of Highway Rd)  
 Subdivision Oliver's Property Lot 12 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller R. Mapp Owner Dale Thompson Bldrs

Depth of well 400 ft  
 Distance of measuring point (M.P.) above ground 235 ft  
 Static water level (S.W.L.) below M.P. 235 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM  
 Total time 15 min to reach pumping water level 125 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill <del>5</del> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	35 ft	6 Sec		10 GPM
			TEST Started	
8:45	125 ft	15 Sec		4 GPM
9:00	125 ft	15 Sec		4 GPM
9:15	125 ft	15 Sec		4 GPM
9:30	125 ft	15 "		4 "
9:45	125 ft	15 "		4 "
10:00	125 ft	15 "		4 "
10:15	125 ft	15 Sec		4 GPM
10:30	125 ft	15 Sec		4 GPM
10:45	125 ft	15 Sec		4 GPM
11:00	125 ft	15 "		4 "
11:15	125 ft	15 "		4 "
11:30	125 ft	15 Sec		4 GPM
11:45	125 ft	15 Sec	4 GPM	



Well location  
as drilled  
(location unurveyd)

Green Hollow Way

NON-BUILDABLE  
PRESERVATION AREA

1 YR. ELEV. = 488.04  
10 YR. ELEV. = 488.01  
100 YR. ELEV. = 487.21

MICROPOL  
ED. ELEV. = 487.00

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION  
 1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784

\*\*\*\*\*  
 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: July 25 2007 (month/day/year)

\* PERMIT NUMBER OF ABANDONED WELL (if any)

HO - 94 - 3678

\* PERMIT NUMBER OF REPLACEMENT WELL

HO - 95 - 1137

\* PERSON ABANDONING WELL: Ray E. MAJWE

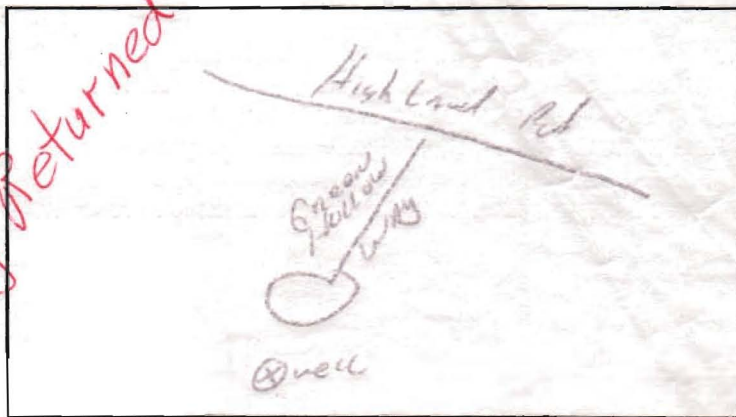
WELL DRILLERS LICENSE NUMBER: 117

CIRCLE: MWD/MSD/MGD

\* OWNER'S NAME: DALE Thompson Blvd.

SITE LOCATION MAP

\* WELL LOCATION: Lot 12 Green Hollow way  
 COUNTY: Howard  
 NEAREST TOWN: Highland Rd  
 TAX MAP 40 BLOCK 4 PARCEL 44  
 SUBDIVISION: Highland Overlook  
 SECTION: \_\_\_\_\_ LOT: 12  
 NEAREST ROAD: Green Hollow way



\* TYPE OF WELL BEING ABANDONED:

- DRILLED  JETTED
- BORED/AUGERED  HAND DUG
- OTHER (specify) \_\_\_\_\_

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>400</u>	<u>2</u>
<u>Top Soil</u>	<u>2</u>	<u>0</u>

\* USE CODE:

- DOMESTIC  MUNICIPAL/PUBLIC
- IRRIGATION  INDUSTRIAL
- TEST/OBSERVATION  GEOTHERMAL

\* TYPE OF CASING:

- STEEL  PLASTIC
- CONCRETE  OTHER (specify) \_\_\_\_\_

\* SIZE OF CASING: 6" INCHES IN DIAMETER

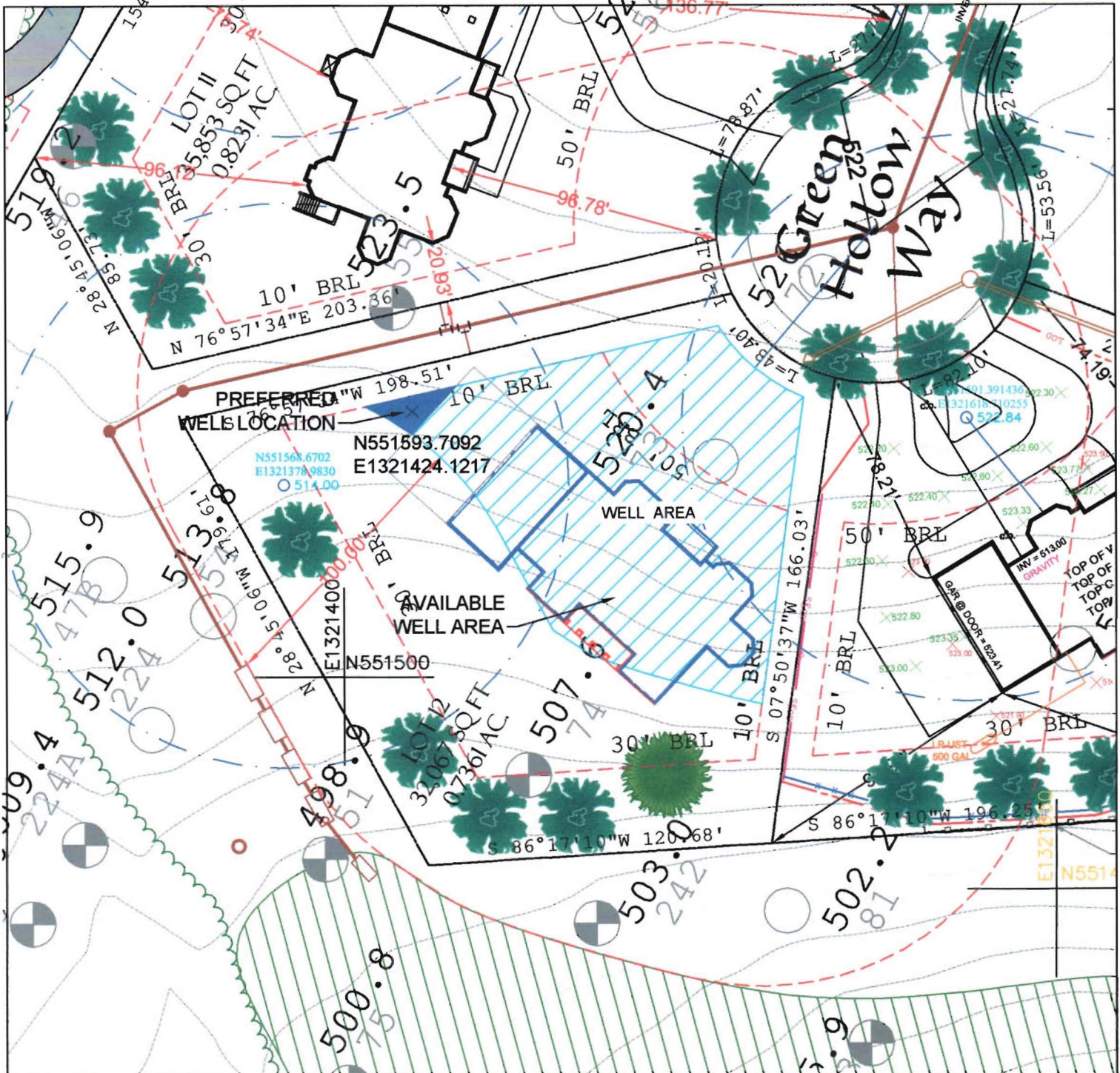
\* DEPTH OF WELL: 400 FEET DEEP

\* WAS ANY CASING REMOVED?  YES  NO  
 if yes, length removed, in feet: 2

\* WAS CASING RIPPED OR PERFORATED?  YES  NO

VOLUME OF MATERIAL USED
<u>30 BAGS</u>

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN: Ray E. Majwe LICENSE # 117 CIRCLE ONE: MWD/MSD/MGD DATE: July 25 2007



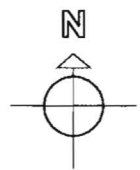
The existing well(s) shown on this plan have been field located by a Professional Land Surveyor, and is (are) accurately shown. All drilled wells and SDA's within the boundaries of this property are shown.

TAGGED WELL DATA  
 TAG NUMBER: HO-XX-XXXX  
 NORTHING: 000000.000000  
 EASTING: 0000000.000000

PERCOLATION TEST PASSED   
 PERCOLATION TEST FAILED

TITLE:  
**PROPOSED WELL LOCATION PLAN**

DATE: 4-18-07  
 SCALE: 1: 50



OWNER/ BUILDER:  
**Dale Thompson Builders, Inc.**  
 6300 Woodside Court  
 Suite A  
 Columbia, MD 21046

PROPOSED ELEVATIONS:

TOP OF BASEMENT SLAB:	000.00
TOP OF FOUNDATION WALL:	000.00
TOP OF FIRST SUBFLOOR:	000.00
INVERT OUT OF HOUSE:	000.00
INVERT INTO TANK:	N/A
INVERT OUT OF TANK:	N/A
INVERT INTO PUMP:	N/A
INVERT OUT OF PUMP:	N/A
INVERT @ SHC:	000.00
INVERT INTO DISTRIBUTION BOX:	N/A
INVERT INTO TRENCHES:	N/A
GRADE AT HOUSE INVERT:	
GRADE AT SEPTIC TANK:	
GRADE AT PUMP:	
GRADE AT DISTRIBUTION BOX:	
GRADE AT TRENCHES:	

PAVING SPECIFICATIONS: 2" ASPHALT OVER 4" CR-6 OR 2.5" ASPHALT OVER 1.5" OVERLAY

PROJECT NAME:  
 SINGLE-FAMILY DWELLING  
 HIGHLAND OVERLOOK  
 LOT 12  
 FULTON, HOWARD COUNTY  
 MARYLAND

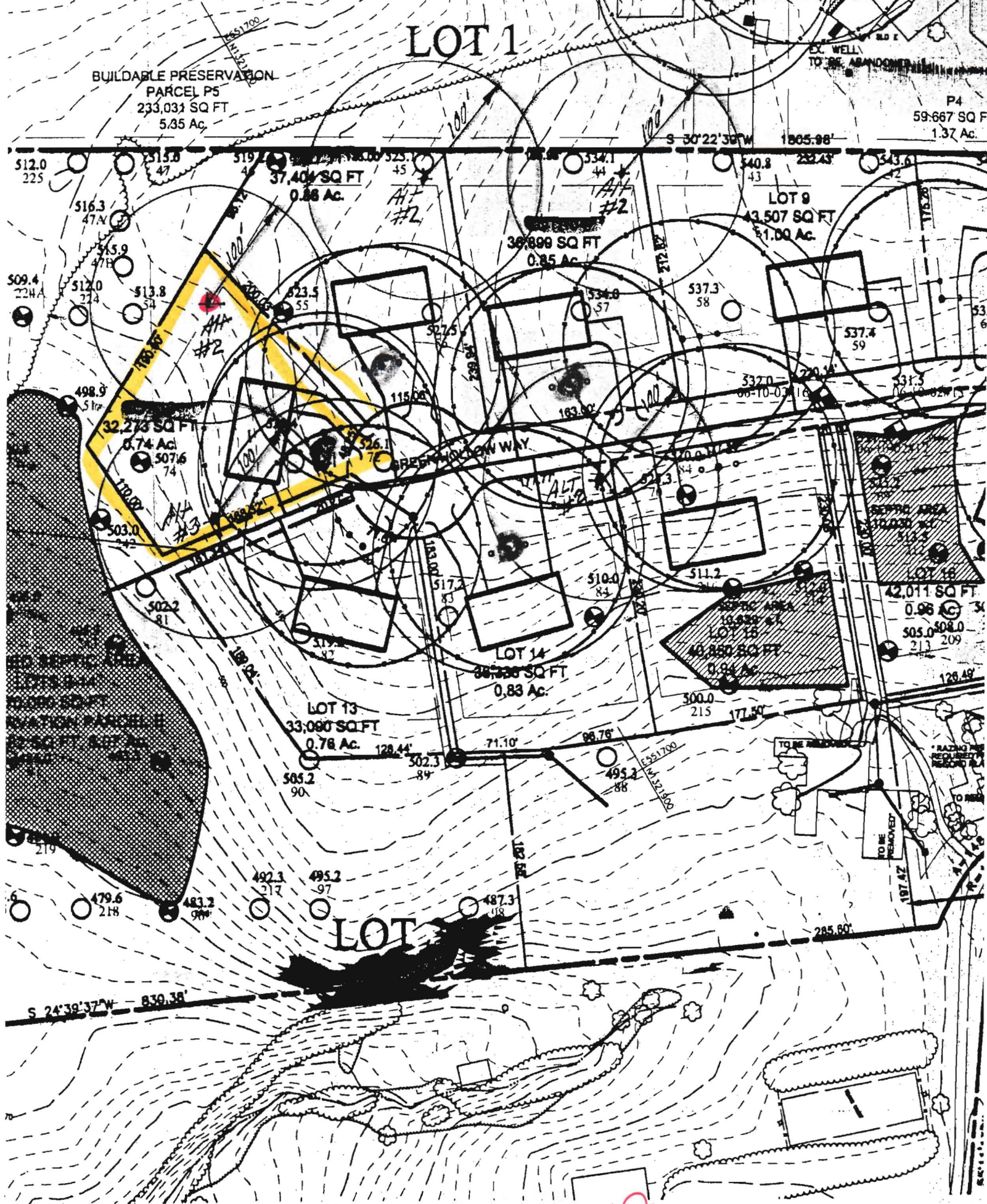
APPROVED FOR PRIVATE WATER AND PRIVATE/PUBLIC SEWERAGE SYSTEMS IN CONFORMANCE WITH THE MASTER PLAN OF HOWARD COUNTY.

Peter Bellenson, M.D., M.P.H., HOWARD COUNTY HEALTH OFFICER \_\_\_\_\_ DATE \_\_\_\_\_

# LOT 1

BUILDABLE PRESERVATION  
PARCEL P5  
233,031 SQ FT  
5.35 Ac.

P4  
59,667 SQ F  
1.37 Ac.



Alternative well sites due to dry holes &

