

C 1 1687

(MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

WELL IS COMPLETED. 5/22/01 OK COUNTY NUMBER BB

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Hanna R. Glenn STREET OR RFD Md 144 Frederick Rd TOWN Lisbon Md. SUBDIVISION Stanley B. Miller Property SECTION LOT 23

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD section including WELLS HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD section including casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (121).

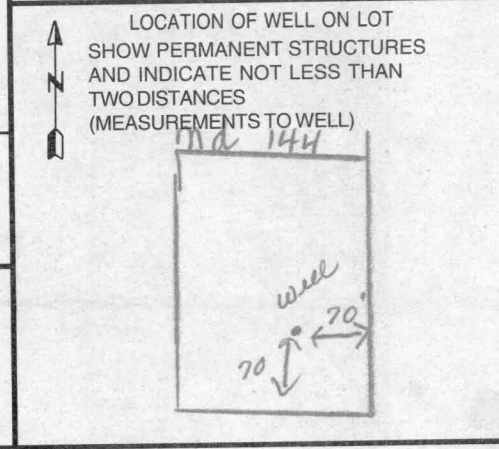
OTHER CASING (if used) section with fields for diameter and depth.

SCREEN RECORD section including screen type (ST, BR, HO, PL, OT) and screen diameter (56, 60).

DEPTH (nearest ft.) table with columns for casing sections and depth values.

PUMPING TEST section including HOURS PUMPED (6), PUMPING RATE (2.7), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (40 ft), WHEN PUMPING (322 ft), TYPE OF PUMP USED (S - submersible).

PUMP INSTALLED section including DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (29), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (+ above, - below).



NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED: Y (yes), N (no)

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted to production)

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 MSD024 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)

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 7454

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2297

Date Received (APA)

OWNER INFORMATION

Hanna R. Glenn, 4323 Sellman Rd., Beltonville Md 20705

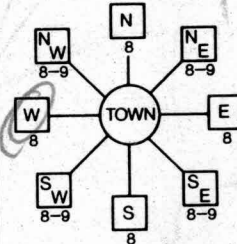
LOCATION OF WELL

Howard County, Stanley B. Miller Prop., Lishon, Md 144

DRILLER INFORMATION

Joseph L. Mayna, MSDZ4, Joseph L. Mayna Well Drilling, 5572 Ridge Rd. Mt. Airy Md. 21771, 6/1/99

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

310 FT, 38 39

WELL INFORMATION, APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

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, State Signature, Date Issued 6/18/99, Exp Date 6/18/00, North Grid 549 000, East Grid 6775 000

APPROXIMATE DEPTH OF WELL 240 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary, JETTED, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTary, DRive-POINT

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) 41

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

APPROP. PERMIT NUMBER 54 G A P 63

PERMIT No. HO-94-2297

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

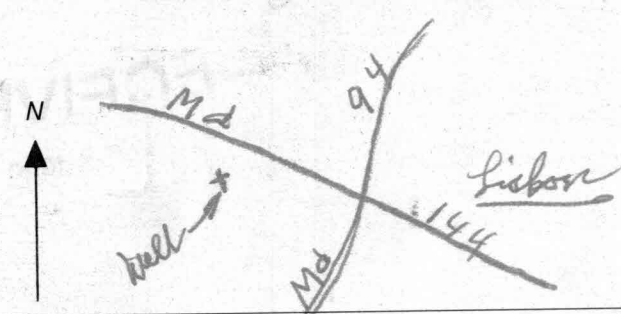
SOURCES OF DRILLING WATER

- 1. Well, 2., 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

7705, 5409

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2297
 Location of property (road) _____
 Subdivision Stanley B. Muller Property Lot 23 Block _____ Plat _____ Sec. _____
 Well Driller Joseph L. Mayne Owner Ellen R. Hamm

Depth of well 400'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 40'

I. High rate pumping -- reservoir drawdown

Time pump started 6:30 Pumping rate 20 gpm.
 Total time 45 min. to reach pumping water level 322 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 5, gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:45	135'	3 sec.	N/A	20 gpm.
7:00	224	4		15
7:15	322	5		12
7:30	319	22		2.7
7:45	319	22		2.7
8:00	318	22		2.7
8:15	318	22		2.7
8:30	318	22		2.7
8:45	318	22		2.7
9:00	319	22		2.7
9:15	320	22		2.7
9:30	320	22		2.7
9:45	320	22		2.7
10:00	320	22		2.7
10:15	320	22		2.7
10:30	320	22		2.7
10:45	320	22		2.7
11:00	320	22		2.7
11:15	320	22		2.7
11:30	320	22		2.7
11:45	320	22		2.7
12:00	320	22		2.7
12:15	320	22		2.7
12:30	320	22		2.7
HD-224 12:45	320	22		2.7
1:00	320	22		2.7
1:15	320	22		2.7

8/15/01
10-12

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: T. W. OHLER & Sons Telephone #: 410-247-0231
Address: 1309 Elm RD.
Arbutus, MD, 21227

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): THOMAS W. OHLER License# MPL 64015
***A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.**

Name of Property Owner: John ANAS Co Telephone #: 410-988-9849
Subdivision: Stanley B. Miller Property Lot #: 23 Well Tag #: HO-94-2297
Site Address: 16483 Frederick RD.

Submersible Pump Data **Pitless Adapter** **Well Cap and Electric Conduit**
Make: Meyers Make: Campbell Two piece watertight cap:
Model #: 25 T102-5 Model#: B10X Screened, vented well cap:
Pump Capacity 5 GPM Depth: 36" (36" min) Cap secured to casing:
Well Yield: 2.5 GPM NSF/WSC approved: OK Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: _____ (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors, Cable guards, or other acceptable method used- Must circle one
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing

Piping to house **House Connection**
Type: 1" PVC sleeve to undisturbed soil at wall penetration:
PSI: 160 (160 psi min) Approximate length of sleeve: 48"
Depth of supply line: 36" (36" min) Sleeve caulked and sealed properly: _____

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

[Signature] 8-14-01
Signature of company representative responsible for installation date

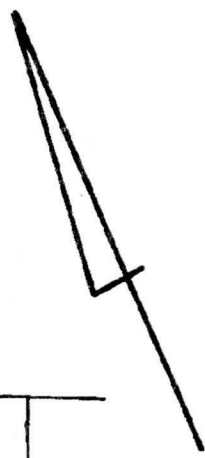
For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 8/15/01 Date Insp. Approved: 8/15/01 Inspector: SRK
Inspection Data: Pitless adapter watertight & water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope not seen outside of well cap/casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

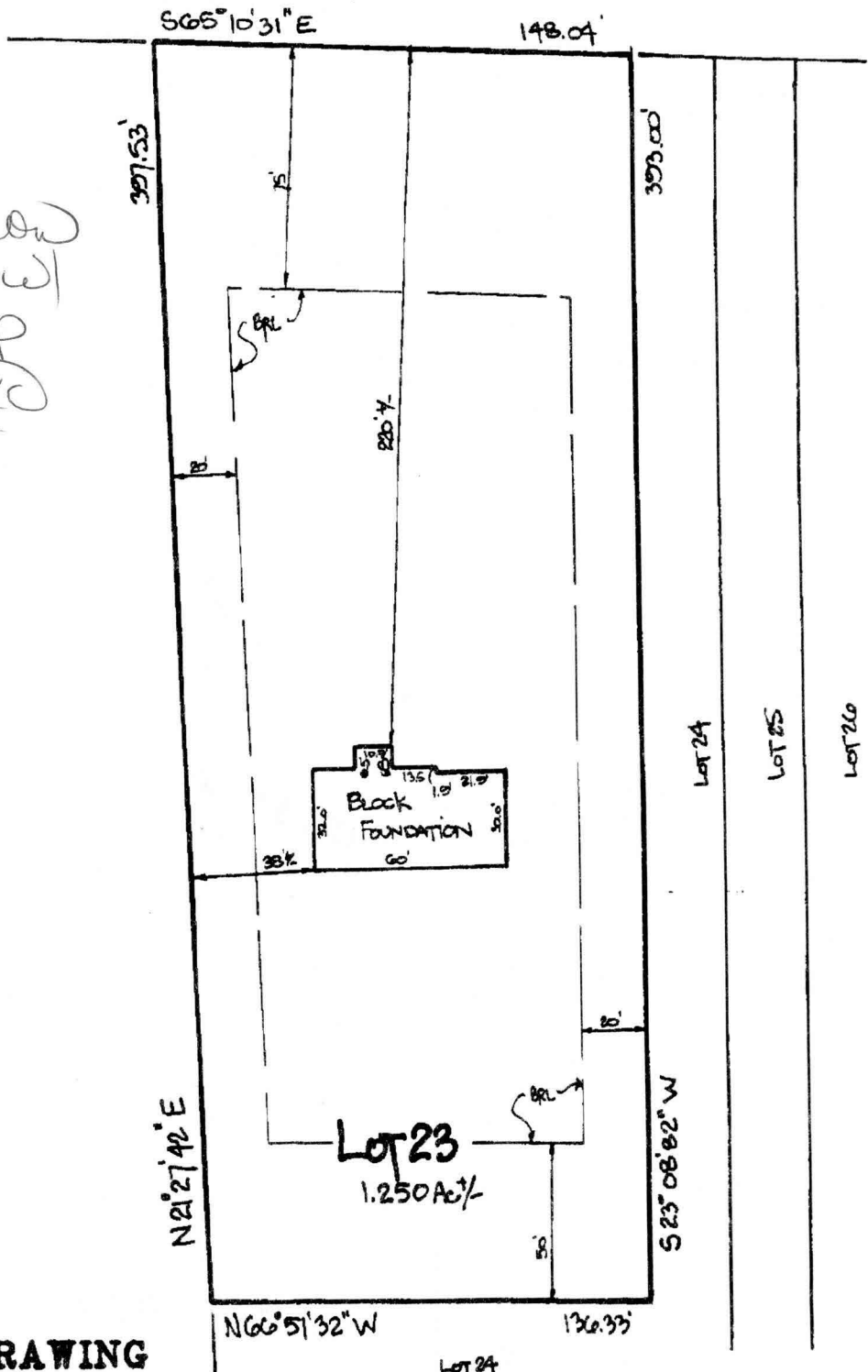
PROPERTY KNOWN AS: **LOT 23**
STANLEY B. MILLER PROPERTY
Lots 23-26
A RESUBDIVISION OF LOT 16
PAT # 3799
4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

**THIS PLAT CAN NOT BE USED TO ESTABLISH
PROPERTY LINES OR CORNERS.**

MD ROUTE 144
FREDERICK ROAD



8/7/01
House location
consistent w/
approved BP
site plan (DK)



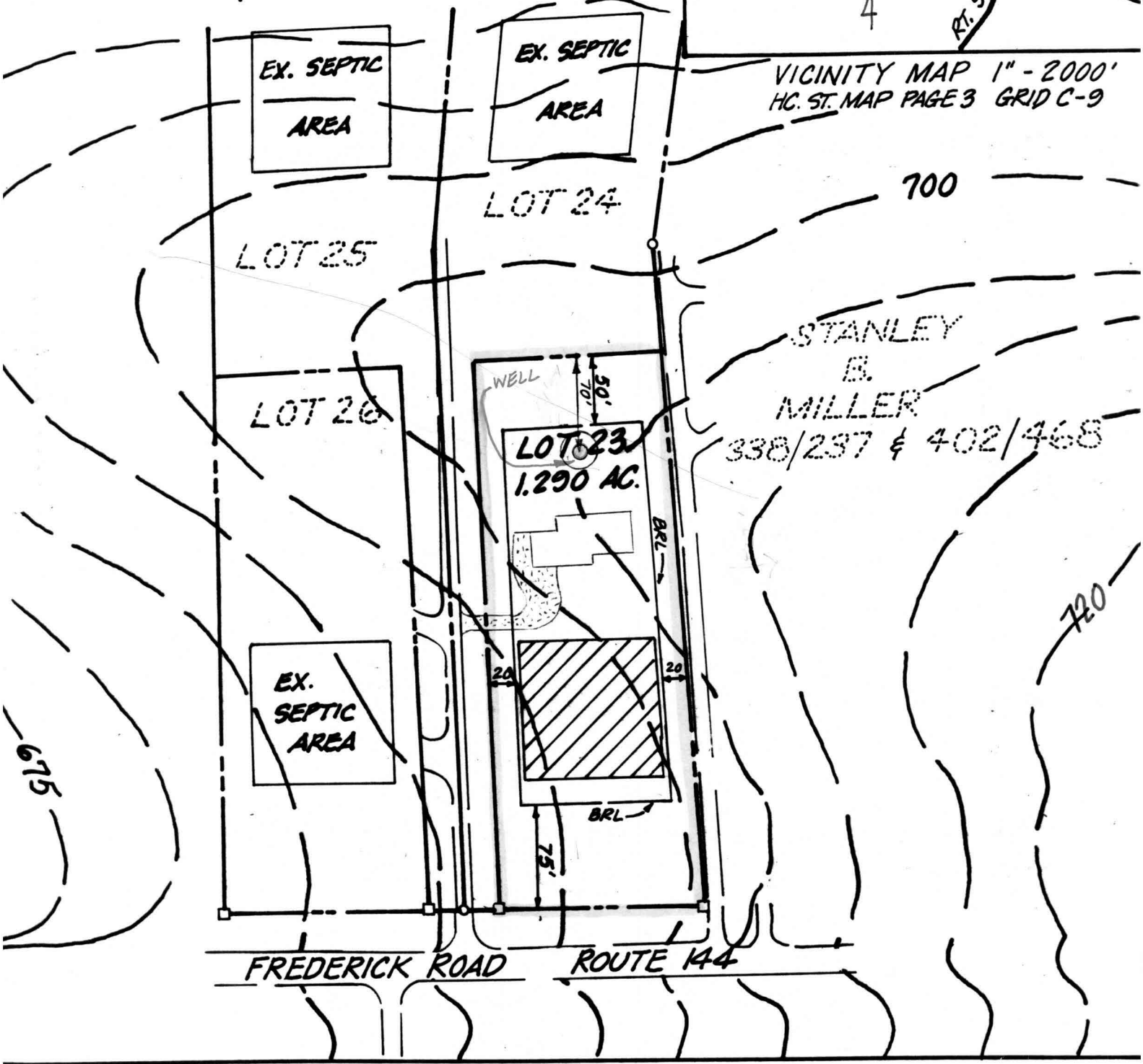
LOCATION DRAWING

CERTIFICATION	SEAL	SCALE 1" = 50'	DATE 7/31/01
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NORTH
SCALE 1" = 100'



VICINITY MAP 1" - 2000'
HC. ST. MAP PAGE 3 GRID C-9



STANLEY
B.
MILLER
338/237 & 402/468

PROPOSED HOME
GLENN R. HANNA
16483 FREDERICK RD.
WOODBINE, MD. 21797

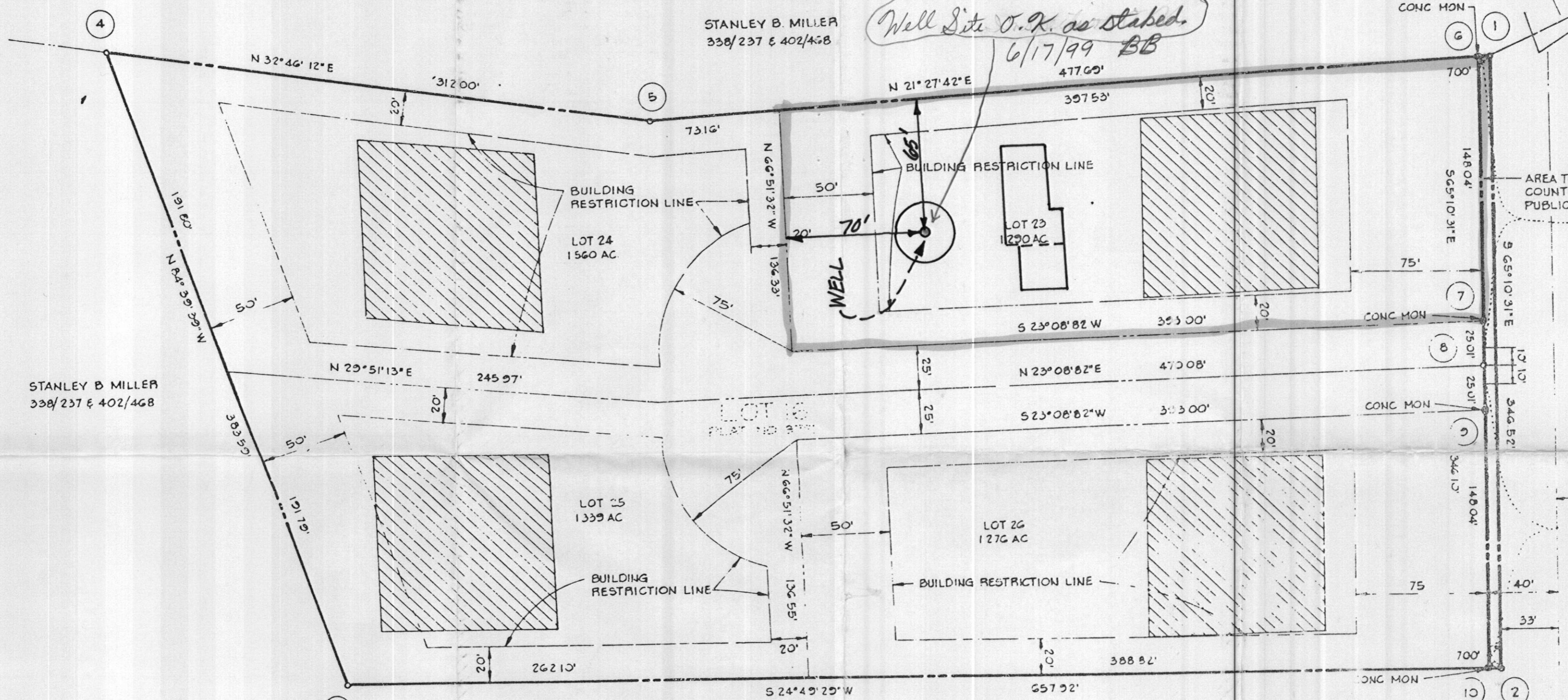
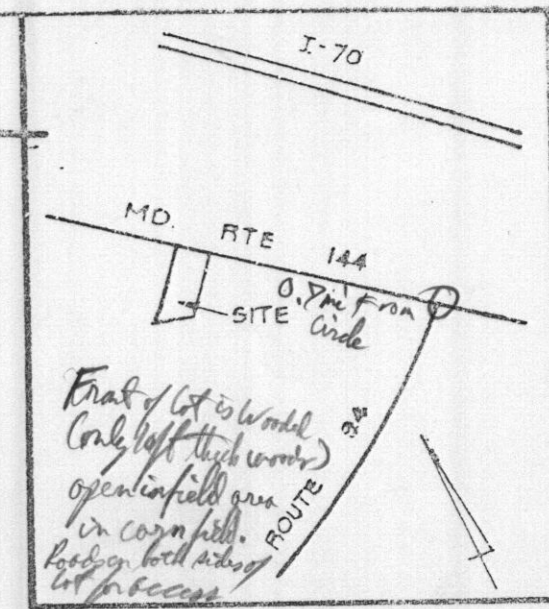
LOT 23, TAX MAP 7
H.C. PLAT 3799
STANLEY B. MILLER PROPERTY
4TH ELECTION DISTRICT

NO	NORTH	EAST
1	10455 856	8952 378
2	10310 412	9266 878
3	9713 286	8990 654
4	9748 979	8606 728
5	10011 324	8777 604
6	10449 366	8949 820
7	10387 213	9084 181
8	10376 712	9106 880
9	10366 212	9129 579
10	10304 058	9263 939

GENERAL NOTES

- 1 THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- 2 ALL PERC TEST HOLE LOCATIONS HAVE BEEN FIELD LOCATED
- 3 THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING ANY RESIDENTIAL STRUCTURES CONSTRUCTED ON THESE BUILDING SITES THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM.
- 4 SUBJECT TO V.P. 76-74
- 5 DEED REFERENCE: PLAT NO 3721
- 6 COORDINATES SHOWN HEREON ARE ASSUMED
- 7 FOR FLAG OR PIPE STEM LOTS REFUSE COLLECTION, SNOW REMOVAL ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND THE ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY

LAT-C.M.P. NO. 3799



VICINITY MAP
SCALE: 1" = 2000'

AREA TABULATIONS

- 1 TOTAL NO OF LOTS 4
- 2 TOTAL AREA OF LOTS 5 465 AC
- 3 TOTAL AREA OF ROAD DEDICATION 0 056 AC
- 4 TOTAL AREA OF PLAT 5 521 AC

OWNERS STATEMENT

I, STANLEY B. MILLER, JR. OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MD ITS SUCCESSORS AND ASSIGNS, 1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHT OF WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON, 2) DEDICATE TO PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR ONE DOLLAR CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE, 3) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT OF WAYS AND 4) IT IS FURTHER AGREED THAT MAINTENANCE OF ALL WATERWAYS, DRAINAGE EASEMENTS, AND/OR FLOOD PLAINS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNERS, ITS SUCCESSORS AND ASSIGNS WITNESS OUR HANDS THIS 25TH DAY OF MARCH, 1977

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY STANLEY B. MILLER AND DORIS R. MILLER, HIS WIFE, TO STANLEY B. MILLER, JR. BY DEED DATED FEBRUARY 28, 1976 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 756 AT FOLIO 519, AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED

William G. Hartel
WILLIAM G. HARTEL PLS NO 9436
DATE: 3/19/77

OWNER & DEVELOPER

STANLEY B. MILLER, JR.
2800 FLORENCE ROAD
WOODBINE, MD 21797

STANLEY B. MILLER PROPERTY
LOTS 23 - 26
A RESUBDIVISION OF LOT 16

TAX MAP 7 PART OF PARCEL 82
FOURTH ELECTION DISTRICT HOWARD COUNTY, MD
SCALE: 1" = 50' MARCH 25, 1977

MSA 5511 1247-1249

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

James W. Boender 8-31-77
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

DIRECTOR DATE

APPROVED FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

Stanley B. Miller, Jr.
WITNESS

WITNESS

orig.

Maryland State Architect

