

TAX# 03343670

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 45034  
A 40280  
DISTRICT 3rd

DATE 10/15/89

DATE SYSTEM APPROVED 12/22/89

INSPECTOR Cwellman

## INDEXED

Jack Fyock

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Byrd Manor ROAD 14051 3228 Gared Drive LOT 6

PROPERTY OWNER Albert Berberich

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 155 feet from the rear (359.93') lot line and 150 feet from the right (363.24') lot line. Run trench on contour toward the left side of lot (431.62').

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok/cw*

PLANS APPROVED BY Sid Abel DATE 5/10/89

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

BLDG. PERMIT SIGNED AND RETURNED 10/16/89

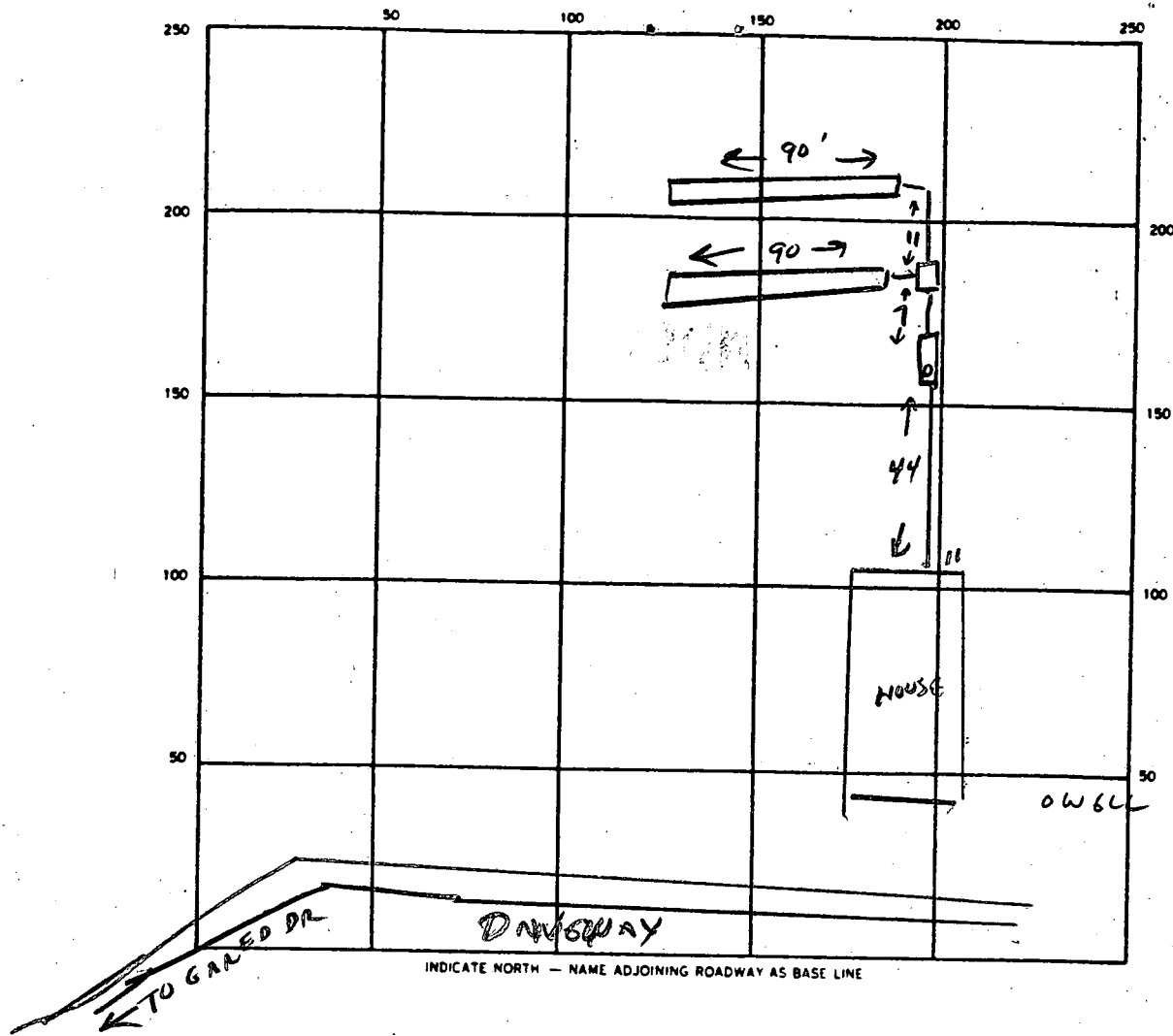
BLDG. PERMIT SIGNED AND RETURNED 4/18/92

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS

*Serial # 45068 reserved for*

450680



SEPTIC TANK. LEVEL  CLEANOUTS ST

DISTRIBUTION BOX. LEVEL

DRAIN FIELD/TILE FIELD. DEPTH 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 (90' ea.) ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS OK TO INSTALL WITHOUT INSP.

LOCATION & DETAIL SUPPLIED BY CONTRACTOR CWILLIAMS

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED 12/22/89 INSPECTOR CWilliams

# APPLICATION

PERCOLATION TESTING

A 40280  
~~40320~~  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 3rd  
DATE 8/21/87

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER ~~Murat Seibert~~ Albert Berberich - 492-5564

ADDRESS 3250 Roscommon Drive PHONE 489-4863

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Byrd Manor LOT NO. 6

ROAD AND DESCRIPTION ~~End of Roscommon Drive & Gared Road~~ 3228 Gared Dr

TAX MAP 15 PARCEL # 19

SIZE OF LOT 3.00 Acres TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

D. Bush  
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abdul FOR Dup Trench DATE 5-10-89

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

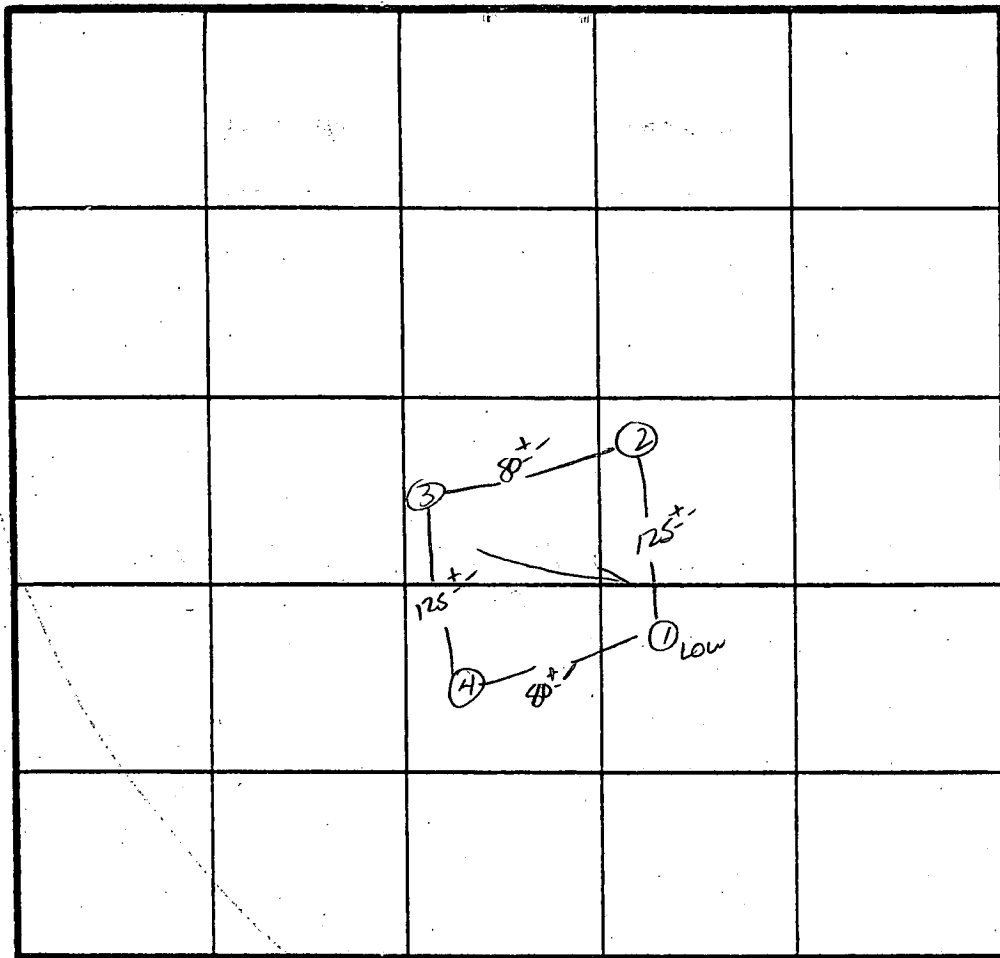
REASONS FOR REJECTION OR HOLDING 11/19/87 Perc Satisfactory - Hold for Subdivision Plat. SAH

REG. PERMIT SIGNED  
AND RETURNED 5-10-89

12825536 SAH

# THIS IS NOT A PERMIT

lot 6



Per 4 min  
180 #/BR  
Inlet 4.5'  
Bottom 9.0'

① → ④  
SOIL PROFILE

6"	AD HX
4.5'	Yell. BR Silt CLAY LOAM 210% FRAGS
13'	DARK BROWN MICACEOUS Silt LOAM 10-15% FRAGS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BURNINGWOODS ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/19/67	1 S	5.5'	9:43	9:45	9:45	9:49	4 MIN
	1 V	13.5'	UNIFORM	SOIL below 5.0'			
	2 S	5.0'	9:48	9:51	9:51	9:58	7 MIN
	2 V	12.5'	UNIFORM	SOIL below 4.8'			
	3 S	6.0'	9:49	9:50	9:50	9:52	2 MIN
	3 M	8.5'	9:49	9:51	9:51	9:53	2 MIN
	3 V	13'	UNIFORM	SOIL below 5.0'	SIMILAR TO #1 W/	ANK CHASIS	
	4 S	4.5'	9:44	9:45	9:45	9:48	3 MIN
	4 V	13'	UNIFORM	SOIL below 4.0'			

REMARKS Holes Per Plat / SURVEYOR.  
 TYPE OF SOIL CLAYEY LOAM → GRAVELLY LOAM  
 TESTED BY S. Abel ALSO PRESENT SKIP / Rocky



B 1 **7938** SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HO-88-0318**  
fill in this form completely

Date Received (APA) **11/5/88**  
OWNER INFORMATION  
Last Name: **BERBERICH** Owner First Name: **ALBERT**  
Street or RFD: **3266 WENZLEE CIRCLE**  
Town: **GLENSWOOD** State: **MD** Zip: **21738**

B 3 LOCATION OF WELL  
COUNTY: **HOWARD**  
SUBDIVISION: **BYRD MANOR ESTATES**  
SECTION: **6** LOT: **6**  
NEAREST TOWN: **GLENSWOOD**  
MILES FROM TOWN: **2** MI

DRILLER INFORMATION  
Driller's Name: **Joseph L. Mayne** License No. **238**  
Firm Name: **Joseph L. Mayne Well Drilling**  
Address: **5512 RIDGE RD. MT. AIRY 21771**  
Signature: *Joseph L. Mayne* Date: **11/9/88**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD: **Garrod Drive**  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD: **300** FT  
ENTER FT or MI: **FF**

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.): **5**  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): **500**

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
COUNTY NAME: **HOWARD** COUNTY NO.: **A# 40280**  
STATE SIGNATURE: \_\_\_\_\_ DATE ISSUED: **5/23/89**  
CO SIGNATURE: *Charles Benjamin Theaker* EXP. DATE: \_\_\_\_\_  
NORTH GRID: **527000** EAST GRID: **0800000**

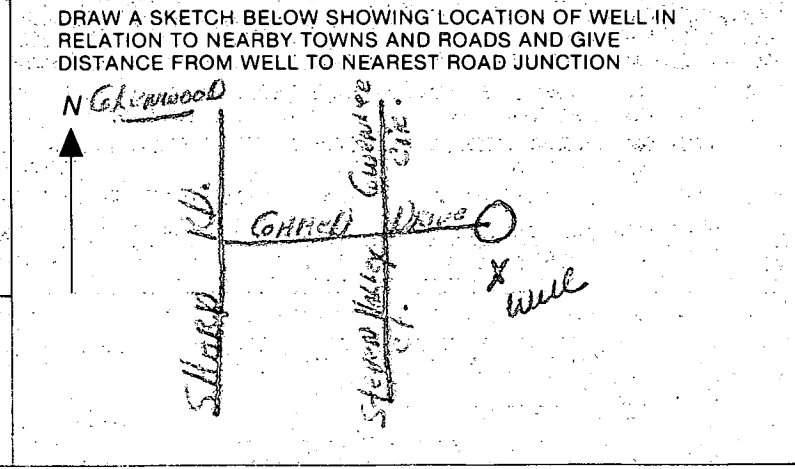
APPROXIMATE DEPTH OF WELL: **200** FEET

APPROXIMATE DIAMETER OF WELL: **6** 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 \_\_\_\_\_

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  
E **800**  
N **526 7**

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)  
APPROP. PERMIT NUMBER: **GAP**  
FORCE **CM** INITIALS IN BOX PERMIT No. **HO-88-0318**

SPECIAL CONDITIONS  
COUNTY



C1 **6645** SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**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 **A<sup>F</sup> 40280**

DATE Received       DATE WELL COMPLETED **11 29 88** Depth of Well **245** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-88-0318**

OWNER **BERBERICH ALBERT** last name **GARED** first name **DR.** TOWN **GLENWOOD**  
 STREET OR RFD **BYRD MANOR EST.** SECTION **-** LOT **6**

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Sandstone	0	42	
Cony Mich Rock	42	245	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **10** NO. OF POUNDS **940**  
 GALLONS OF WATER **60**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **35** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO** **PL** **OT**  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE **ST** Nominal diameter (nearest inch) **6** Total depth of main casing (nearest foot) **49**

**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  
**PL** **OT**  
 PLASTIC OTHER

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN **H0** **45** **245**  
 SLOT SIZE 1  2  3   
 DIAMETER OF SCREEN  (NEAREST INCH)

CIRCLE APPROPRIATE LETTER  
**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.

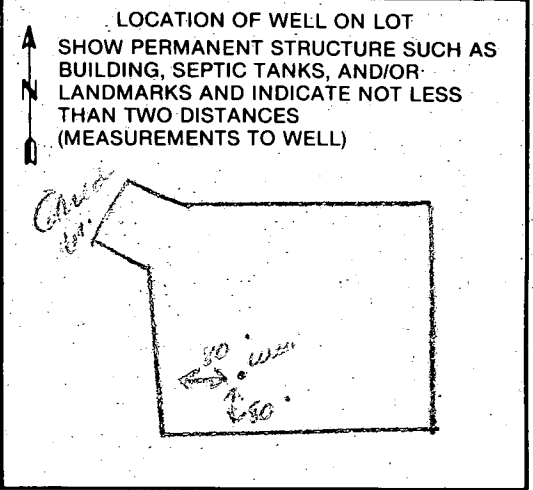
DRILLERS IDENT. NO. **238**  
 DRILLERS SIGNATURE *Joseph R. Manning*  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK from  to   
 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.)  WQ   
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **5**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **47**  
 WHEN PUMPING **85**  
 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 } LAND SURFACE (nearest foot) **2**  
**-** below }



GABEL DRIVE

BYRO MADOR SUBDIVISION  
LOT G PLAT 8080  
PROFECTION DISTRICT  
HOWARD COUNTY, MD  
SCALE 1" = 30'  
MAY 5, 1989

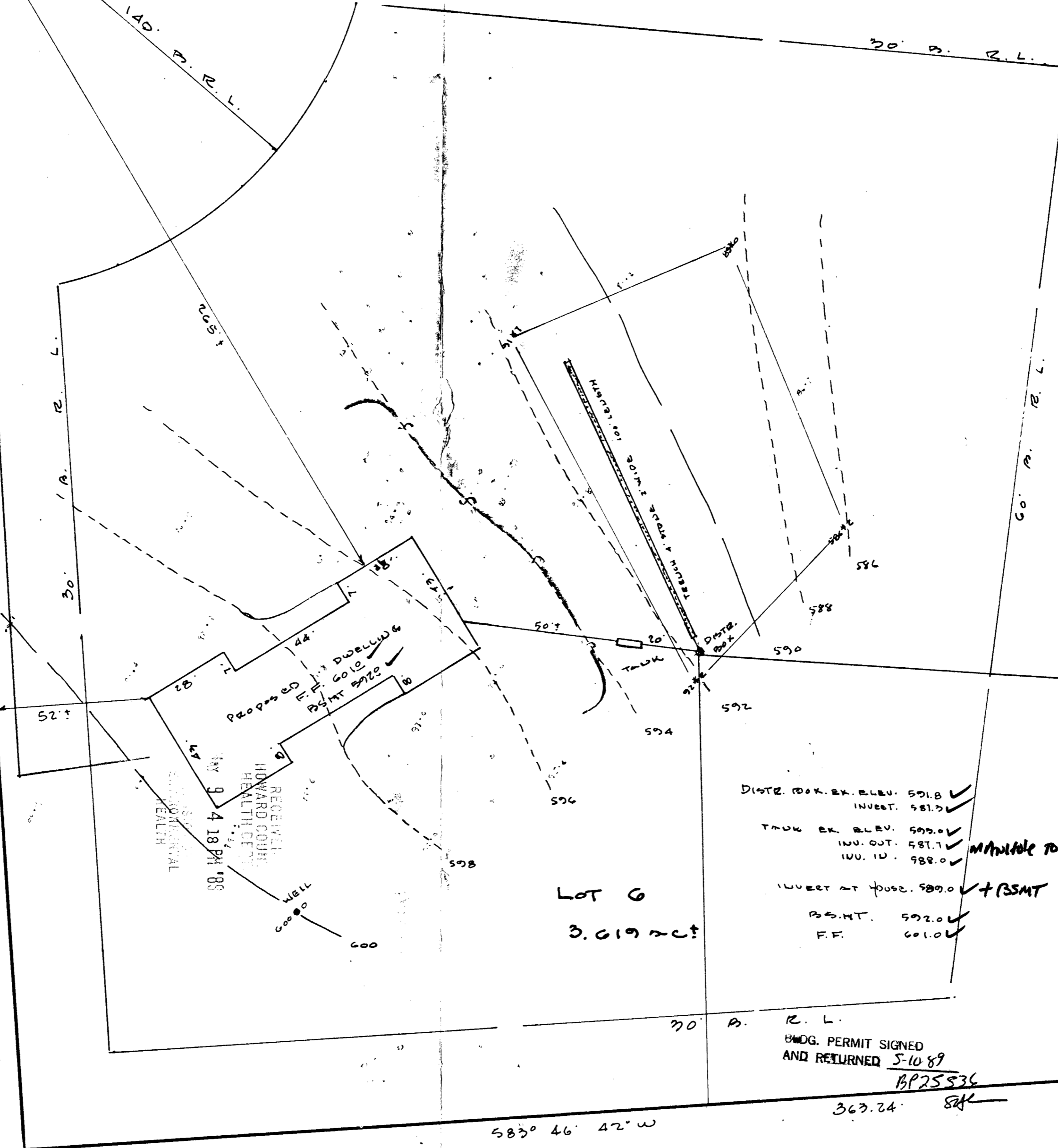
206° 13' 18" W  
395.47'

558° 51' 23" E 81.70'  
58° 51' 25" W

587° 05' 04" E 491.62'

30' P. R. L.

359.93'  
504° 51' 20" W



LOT G  
3,619 sq ft

DITCH DOK. EX. ELEV. 591.8 ✓  
 INVERT. 581.3 ✓  
 TRUCK EX. ELEV. 599.0 ✓  
 INV. OUT. 587.7 ✓  
 INV. ID. 988.0 ✓  
 INVERT AT HOUSE. 599.0 ✓ + BSMT  
 BSMT. 592.0 ✓  
 F.F. 601.0 ✓

*MANHOLE TO GRADE REQUIRED*

30' P. R. L.  
 BLDG. PERMIT SIGNED  
 AND RETURNED 5-10-89  
 BP25536  
 363.24'

M & H DEVELOPMENT ENGINEERS, INC.  
 SUITE 231 HARPER'S CHOICE VILLAGE CENTER  
 940 HARPER'S FARM ROAD  
 COLLETTA, MD 21034

BLUE RIBBON CONSTRUCTION CO.  
 4750 TEN OAKS RD.  
 DAYTON, MARYLAND 21036  
 531-5260