

7/20/93 1100
7/21/93 10130

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-399343

P 49427

A 33662

DISTRICT 5th

DATE 7/8/93

DATE SYSTEM APPROVED 7/21/93

INSPECTOR M. Rifkin

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

Paul Schissler/South Carroll Backhoe IS PERMITTED TO INSTALL INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Buckskin Woods LOT 1 ROAD 13175 Folly Quarter Road

PROPERTY OWNER Richard and Holly Kohr, Jr.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 300 feet from the front (305') lot line and 100 feet from the left (710') lot line as seen when facing the lot from Folly Quarter Road. Run trenches on contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/10/93 R10

PLANS APPROVED BY Sid Abel/Raymond Hodges REVISED DATE 2/16/93

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

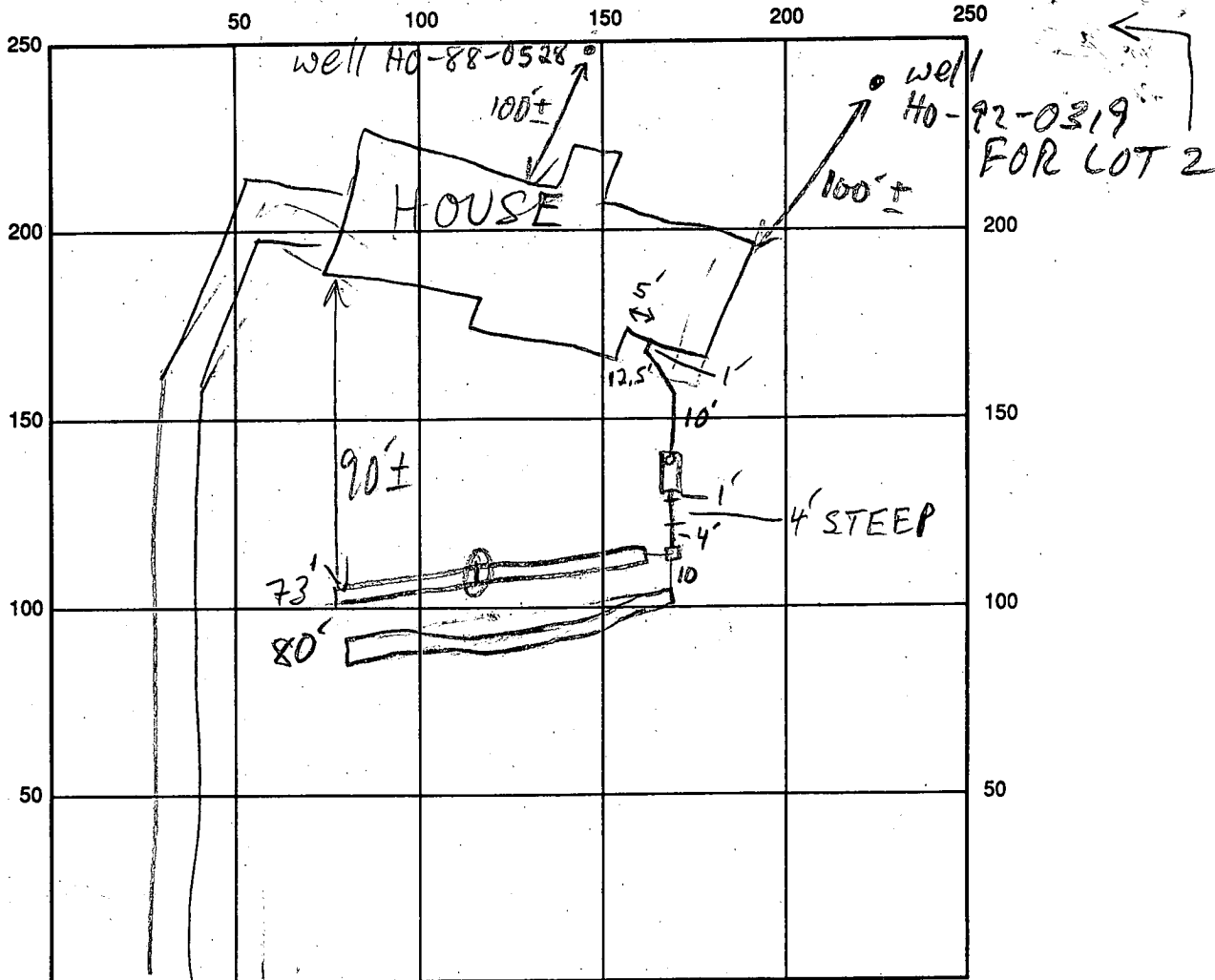
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A
33662



FOLLY QUARTER RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS S.T. - OK

DISTRIBUTION BOX LEVEL OK BAFFLE IN

DRAIN FIELD/TITLE DEPTH $\frac{1}{2}$ 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH $\frac{1}{2}$ 3 FT.

EFFECTIVE GRAVEL DEPTH $\frac{1}{2}$ 5 FT. TOTAL LENGTH 73 80 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 545 400 SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 945 SQ. FT.

REMARKS: 7/19/93 OK TO FINISH TRENCH ① & CONTINUE MR
7/21/93 OK TO COVER ALL MR

DATE SYSTEM APPROVED 7/21/93 INSPECTOR M. Riskin

APPLICATION

PRELIMINARY

SEWAGE DISPOSAL TESTING

A 33662

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DATE 3/14/84

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 Glenelg Manor Associates

ADDRESS 12789 Folly Quarter Road, Ellicott City, Md., 21043 PHONE 531-5252

PROPERTY LOCATION:

SUBDIVISION Buckskin Farms

LOT NO. 11

ROAD AND DESCRIPTION Folly Quarter Road - use entrance to Glenelg Dehydrators and lots are located behind the old sawmill.

SIZE OF LOT (?) TYPE BLDG. 3 or 4 bedrooms
(NUMBER OF BEDROOMS)

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.

/s/ Olen Ketterman for Lois M. Maisel

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

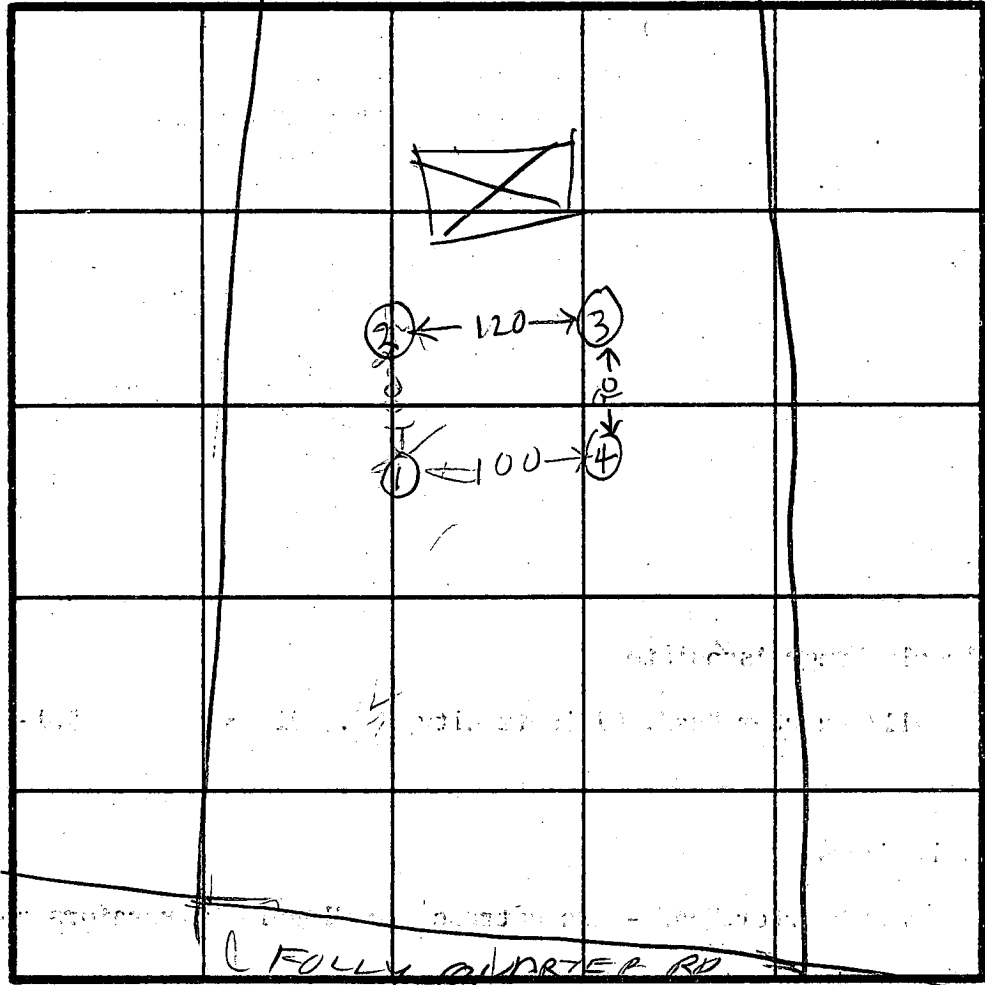
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

WTH



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
 0
 BROWN CLAY
 2
 GREEN BROWN SAND MICA LOAM
 1 1/2
 HARD BOT

0
 BROWN CLAY
 2
 PINKISH BROWN SAND LOAM

3
 BROWN CLAY
 3 1/2
 LIGHT BROWN SAND LOAM

4
 BROWNISH RED CLAY
 5
 GREENISH BROWN SAND LOAM
 EH-12-103
 13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/20/84	1S	4	1134	1135	1135	1136	1	
	1V	1 1/2	OK EXCEPT HARD BOTTOM					
	2S	3	1142	1143	1143	1144	1	
	2V	12	OK					
	3S	4	1148	1149	1149	1152	3	
	3V	12	OK					
3/20/84	4S	4	1203	1213	water per slow			
	4V	13	OK					
3/20/84	4M	5	1217	1218	1218	1219	1	

X TIME
 2 MIN
 INLET 3'
 BOTTOM MAX
 9'
 1580/BR

REMARKS Perc Holes Located per plat 3/20/84 R/H

TYPE OF SOIL _____
 TESTED BY B. HODGES

ALSO PRESENT OKETERMAN & POP
 D. BEWER

C1 2386 SEQUENCE NO. (DENV 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 A 33662

DATE Received DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER STREET OR RFD SUBDIVISION SECTION LOT

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and Check if water bearing. Includes handwritten entries like 'rolling ground', 'brown schist', 'water', etc.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) diameter, depth (feet) from to.

SCREEN RECORD: screen type or open hole, insert appropriate code below, STEEL, BRASS, OPEN HOLE, PLASTIC, OTHER.

DEPTH (nearest ft.) table with handwritten values: 40, 49, 400.

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 253

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

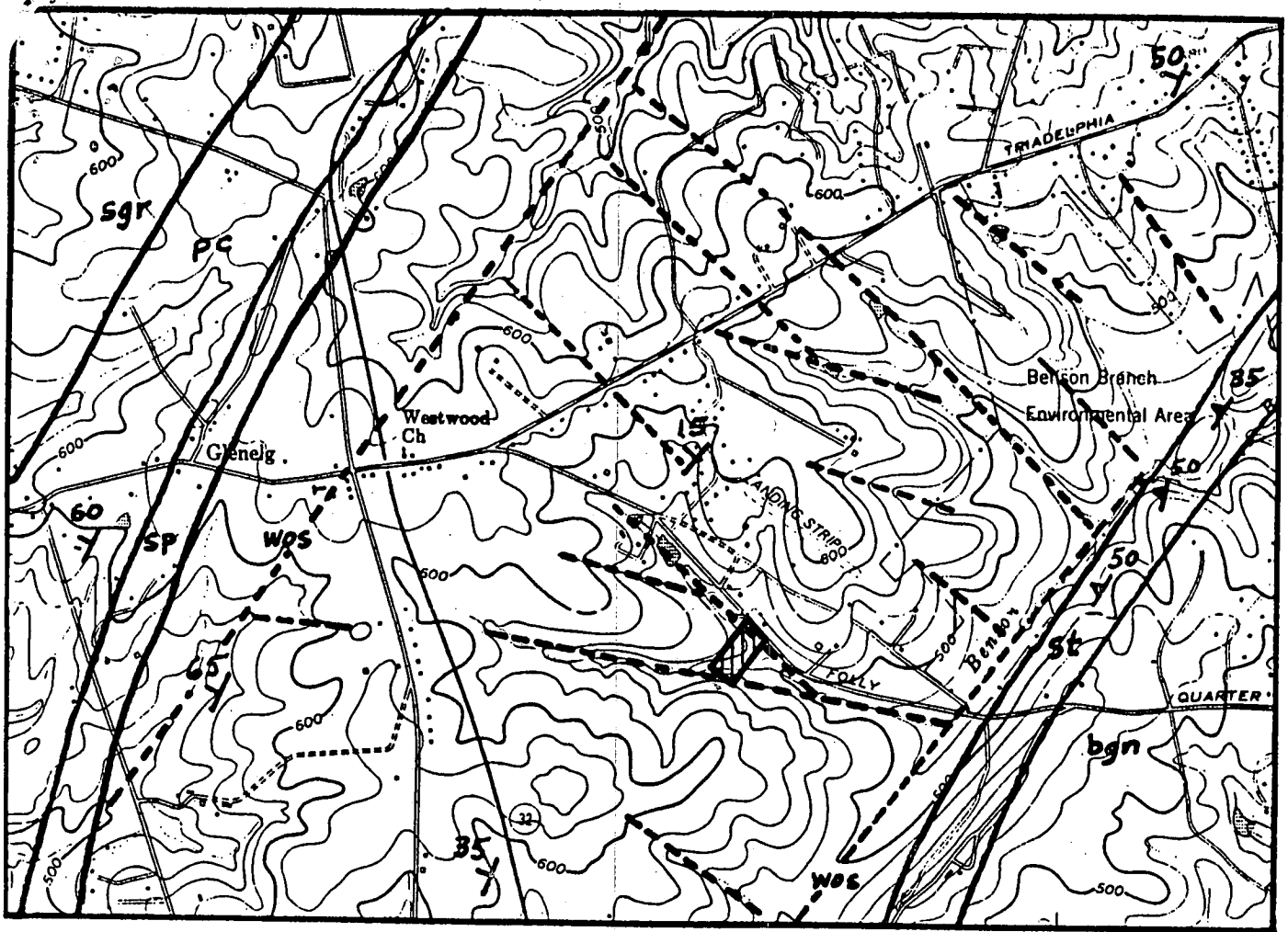
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL, INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING, LOG INDICATOR, OTHER DATA




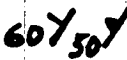
PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

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)



Explanation

-  Four acre lot
-  Linear stream segment
-  Geologic contact
-  Dip and strike of bedding or foliation

Scale: 1" = 2,000'

Geologic Units



- sgr Sykesville granite
- pc Peters Creek formation (gneiss)
- sp Sepertine
- wos Wissahickon schist
- st Setters formation (quartzite, schist, gneiss)
- bgn Baltimore gneiss

Geology taken from: Cloos, E. and C.H. Broedel, 1940, Geologic Map of Howard County: Maryland Geological Survey

Figure 1. Geologic Map with Linear Stream Segments, Wimsatt Lot near Buckskin Lake, Howard County, Maryland.

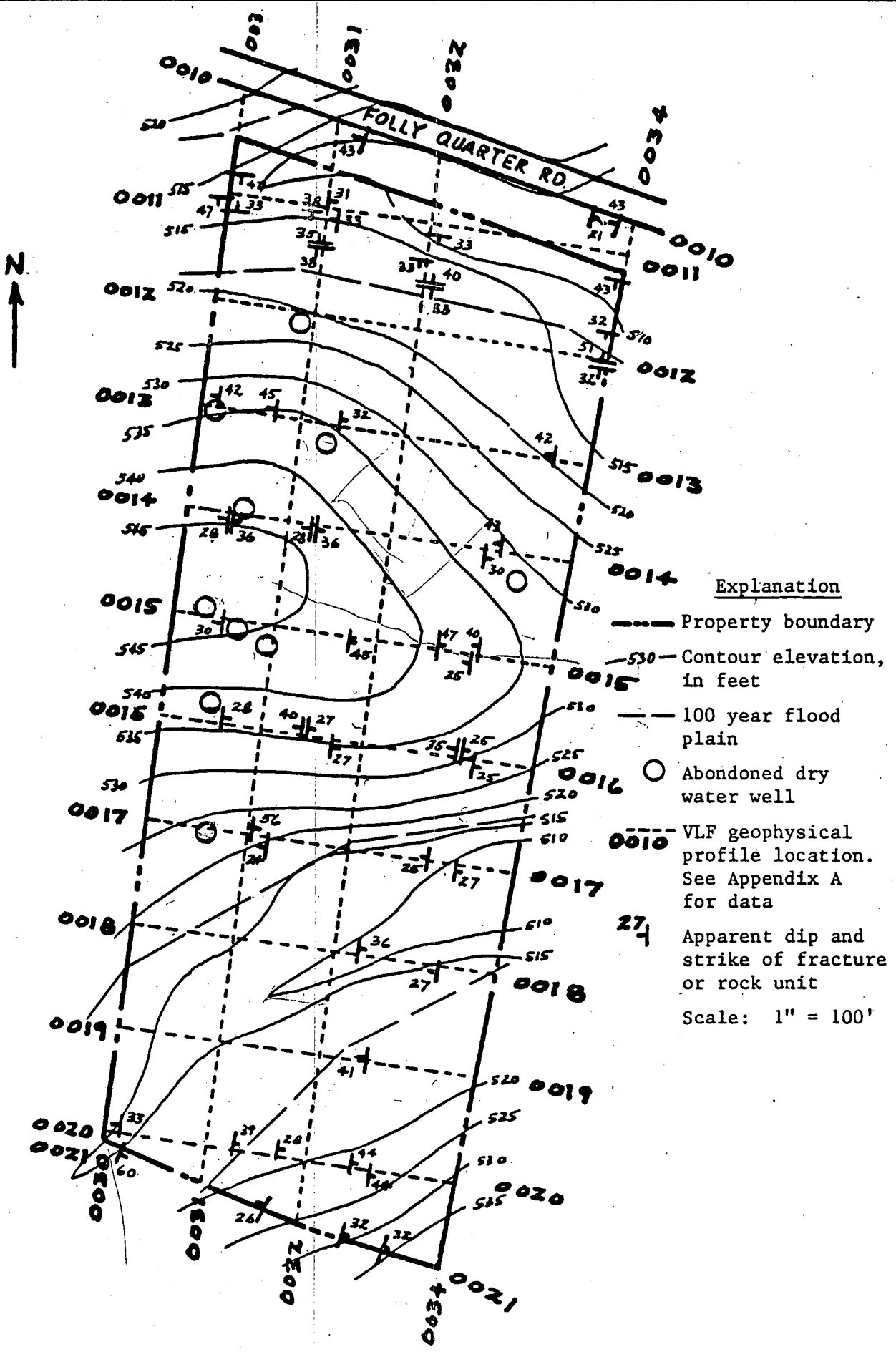
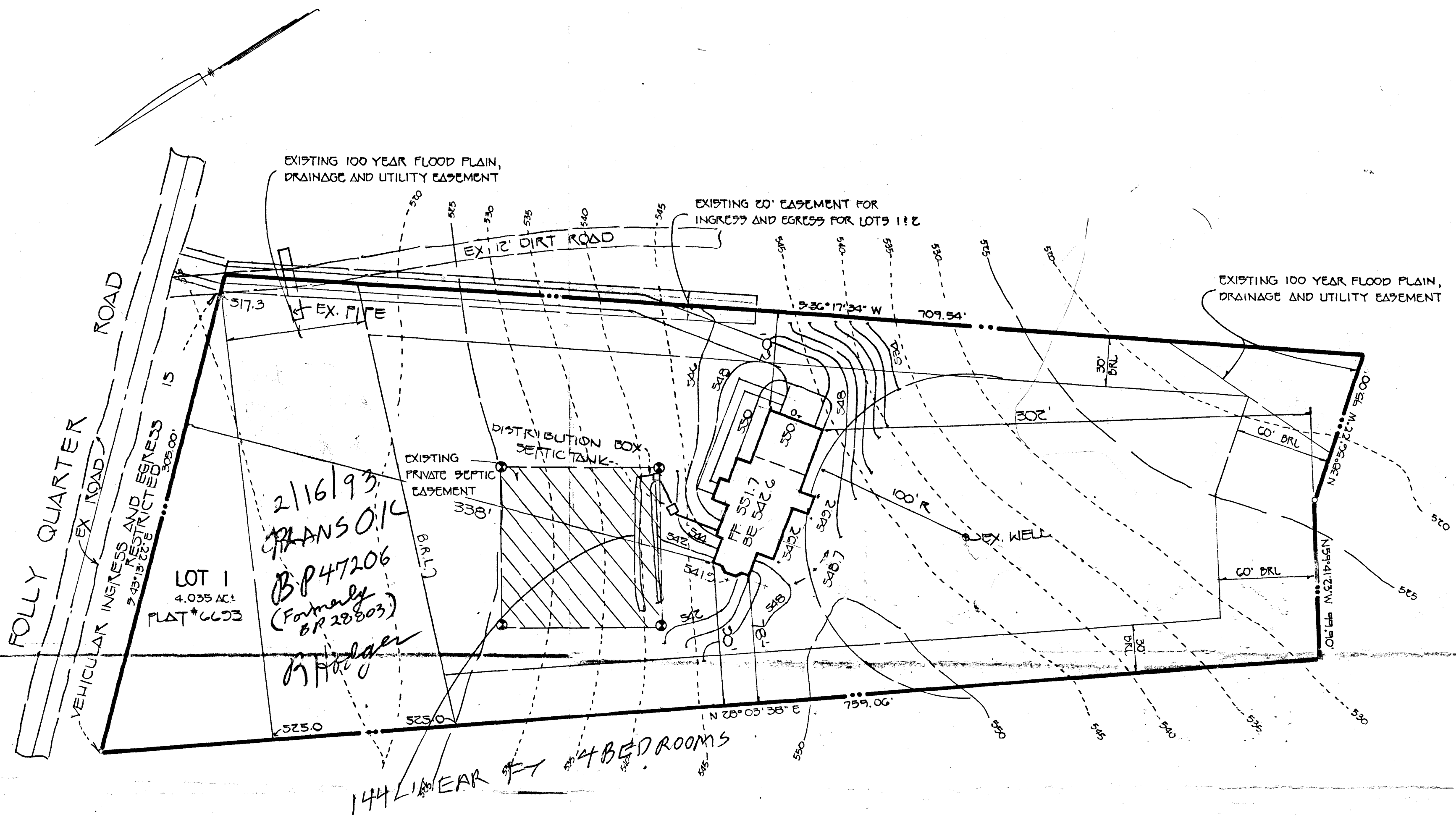


Figure 2. Apparent Dip and Strike of Fractures or Rock Units at the Wimsatt Lot Determined by a VLF Geophysical Survey .



GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPT. NO. 33662.
2. PROPOSED 1,500 GALLON SEPTIC TANK (MINIMUM).
3.
 - A. FIRST FLOOR ELEVATION: 551.7
 - B. BASEMENT ELEVATION: 542.6
 - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 542.6
 - D. INVERT IN AT SEPTIC TANK: 539.5
 - E. INVERT OUT AT SEPTIC TANK: 539.2
 - F. PROPOSED GRADE OVER SEPTIC TANK: 543.0
 - G. INVERT AT DISTRIBUTION BOX: 538.8
 - H. EXISTING GROUND OVER DISTRIBUTION BOX: 541.8
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 7171 BALTIMORE NATIONAL PIKE, SUITE 100
 ELICOTT CITY, MARYLAND 21042
 TELEPHONE: (410) 461-2055
 FAX: (410) 790-3704



PLOT PLAN
 TO ACCOMPANY APPLICATION FOR
 BUILDING PERMIT
BUCKSKIN WOODS
 LOT 1

TAX MAP 22 PARCEL 526
 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 50' DATE: FEBRUARY 2, 1993