

2/2/84  
trenching  
10-110

2/2/84 Appl F.S.

# PERMIT

P 33451  
A 30271

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 4th  
DATE 1/12/84

INDEX  
04-320441

Hy and Lowe IS PERMITTED TO INSTALL  ALTER

ADDRESS 7000 Warfield Road, Gaithersburg, Md. 20760 PHONE 253-2663 or 926-5924

SUBDIVISION Daisy Hill Estates ROAD 15710 Union Chapel Rd. LOT 1

PROPERTY OWNER Peter and Sharon Brown

ADDRESS 3104 Louis Avenue, Silver Spring, Md. Phone: 421-9898

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

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

SEPTIC TANK CAPACITY 1250 (Customer requested) GALLONS NUMBER OF BEDROOMS 3

DRW WELL or DRY WELL AND TRENCH - 172 sq. ft. per bedroom. Minimum total square feet for system is 688 sq. ft. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. Locate dry well 215 feet from road and 25 feet from left side line, as seen when facing lot from Union Chapel Road. NOTE: IF TRENCH IS USED TO MAKE UP ABSORBENT AREA, RUN TRENCH ON LEVEL GROUND THE NECESSARY DISTANCE TO MAKE UP SIDEWALL AREA AND LEAVE 5 FOOT EARTH BUFFER BETWEEN TRENCH AND DRY WELL. NO TRENCH TO EXCEED 100 FEET IN LENGTH. TRENCH INLET TO BE SAME AS DRY WELL, WITH 5 FEET OF STONE BELOW DISTRIBUTION PIPE.

PLANS APPROVED BY Charles B. Streaker and Frank A. Skinner DATE 10/19/79 & 6/17/83

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A  
30271



*Retest*

*10/19/79  
2:30 P.M.*

# APPLICATION

SEWAGE DISPOSAL TESTING

A 30271

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE 10/10/79

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 Clifton L. Kehr Peter & Sharon Brown

ADDRESS 1216 Ednor Road, Silver Spring, Md. 20904 PHONE 421-9093 9898

Silver Spring, Md

PROPERTY LOCATION:

SUBDIVISION Daisy Hill Estates LOT NO. 1 *formerly lot*

ROAD AND DESCRIPTION 15710 Union Chapel Road

SIZE OF LOT 6.3936 acres TYPE BLDG. 3 or 4 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.

SIGNATURE OF APPLICANT Clifton L. Kehr

APPROVED BY C. B. Shear FOR Don M... .. DATE 10/12/79

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

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

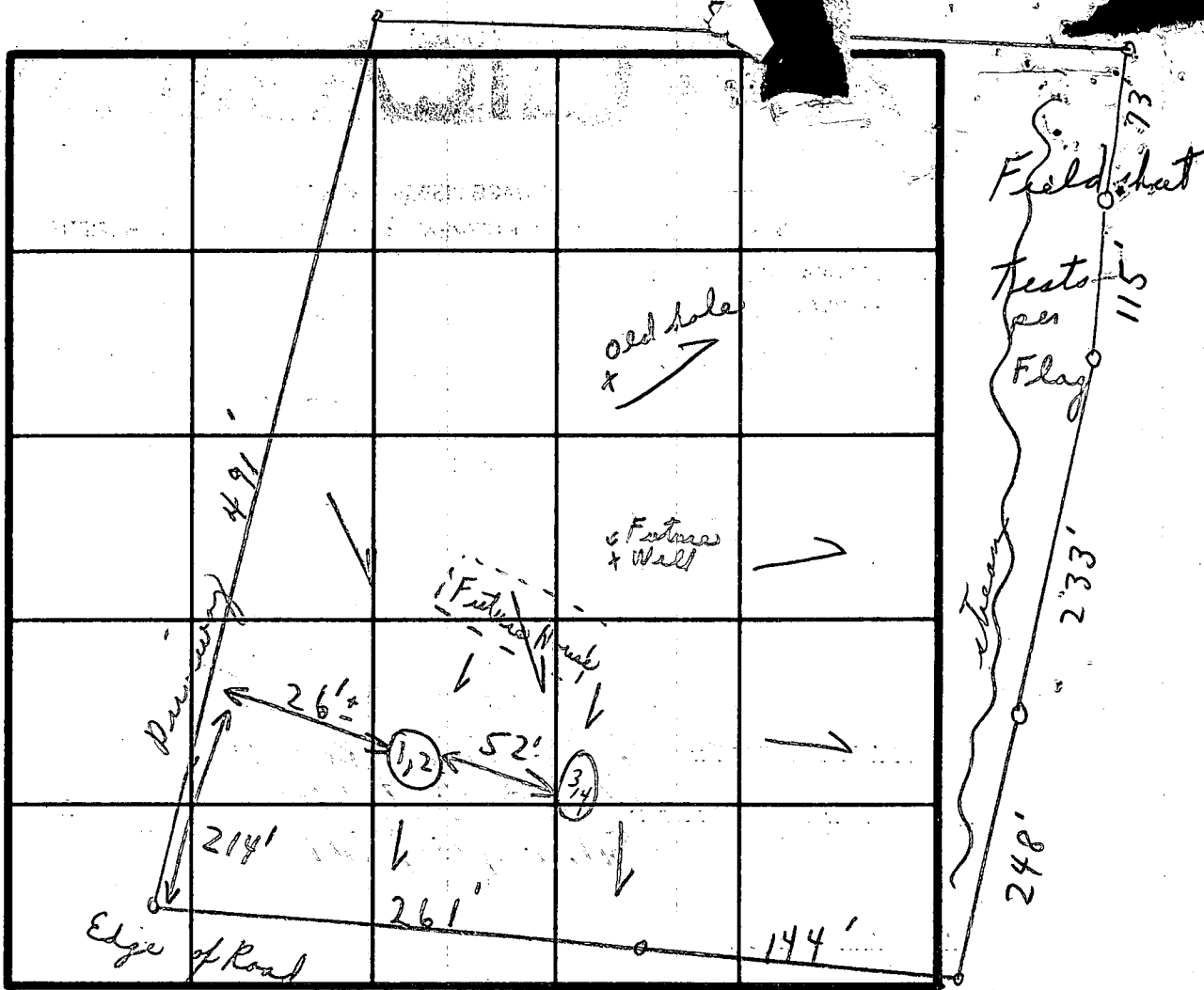
REASONS FOR REJECTION OR HOLDING applicant has no sewer water in lot

BLDG. PERMIT SIGNED  
AND RETURNED 4/22/83  
Serial # 57503 SFD

# THIS IS NOT A PERMIT

SOIL PROFILE

See below each hole



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Union Chapel Road

Soil Profile

1' - 4 1/2' Clay  
4 1/2' - 13' loam

1' - 4' Clay

4' - 11' - 10" loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/19/29	1	4 1/2'	2:45	2:52	2:52	3:06	14 m
	Use 2	13'	2:45	2:52	2:52	3:03	11 m
	3	4'	2:53	2:55	2:55	3:07	12 m
	4	11'-10"	2:54	3:01	3:01	3:21	20 m

SDug to 12 1/2'

REMARKS Tests in open field Copy given to Mr. C. L. Kehn.

TYPE OF SOIL TESTED BY C. B. S. ALSO PRESENT Mr. Kettner Sr. Mr. Kehn

# APPLICATION

A 15580

P \_\_\_\_\_

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY Septic tank to be 1000 gallons ELLICOTT CITY

DISTRICT 4th

DATE Oct 14, 1970

*9/14/79 1:30 pm*  
*9/14/79 9:30*  
*9/14/79 9:30*  
*9/14/79 9:30*  
*9/14/79 9:30*

*visual hole area below the inlet pipe maximum depth of dry well to be 438 sq ft of absorbent sidewalk to be 13 ft below original grade. inlet pipe to be 4 ft below original grade. locate dry well 27 ft from left side line and 130 ft from rear lot line as lot is seen standing on Union Chapel Rd facing lot.*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER C. L. Kehr

ADDRESS 1216 Ednor Road, Silver Spring, MD 20904 PHONE 421-9093

PROPERTY LOCATION:

SUBDIVISION Daisy Hill Estates

*formerly 1)*  
LOT NUMBER per plat attached

ROAD AND DESCRIPTION Union Chapel Road, 350' east of Daisy Road

OCCUPANT NONE PHONE \_\_\_\_\_

PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 6.3936 acres TYPE BLDG. Three  
NUMBER OF BEDROOMS \_\_\_\_\_

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

SIGNATURE OF APPLICANT C. L. Kehr per Rosemary

APPROVED BY James T. Wright FOR Dry well DATE 10/29/70  
(KIND OF SYSTEM)

REJECTED BY R. DeMarco FOR ANY DATE 9/25/79  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING WATER IN HOLE 12'-13' LETTER SENT 9/24/79

# THIS IS NOT A PERMIT



# APPLICATION

A 15038

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Daisy Hill Joint Venture

ADDRESS 11200 Jackson Dr, Suite 110, Silver Spring Md PHONE 593-8103

PROPERTY LOCATION: \_\_\_\_\_

SUBDIVISION Daisy Hill Est LOT NO. one

ROAD AND DESCRIPTION Merion Chapel Rd

OCCUPANT \_\_\_\_\_ PHONE \_\_\_\_\_

PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 6.3936 acres TYPE BLDG. 3 or 4  
NUMBER OF BEDROOMS

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

SIGNATURE OF APPLICANT \_\_\_\_\_

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

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

HOLD PENDING FURTHER TESTS Jim Wright DATE 8/6/90 lot not staked did not run test

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

*Handwritten notes:*  
#4  
3-2-90  
2-2-90  
64



# APPLICATION

A 15038

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 12-5-69

*8/29/70  
9:30  
8/6/70  
9:30*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Daisy Hill Joint Venture

ADDRESS 11200 Lockwood Drive, Suite 110, Silver Spring, MD PHONE 593-8103

PROPERTY LOCATION:

SUBDIVISION Daisy Hill Estates LOT NO. One

ROAD AND DESCRIPTION Union Chapel Road

OCCUPANT \_\_\_\_\_ PHONE \_\_\_\_\_

PERSON TO CONSTRUCT SYSTEM \_\_\_\_\_

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

SIZE OF LOT 5.9 acres TYPE BLDG. 304  
NUMBER OF BEDROOMS

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

SIGNATURE OF APPLICANT *Martin D. Road*

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

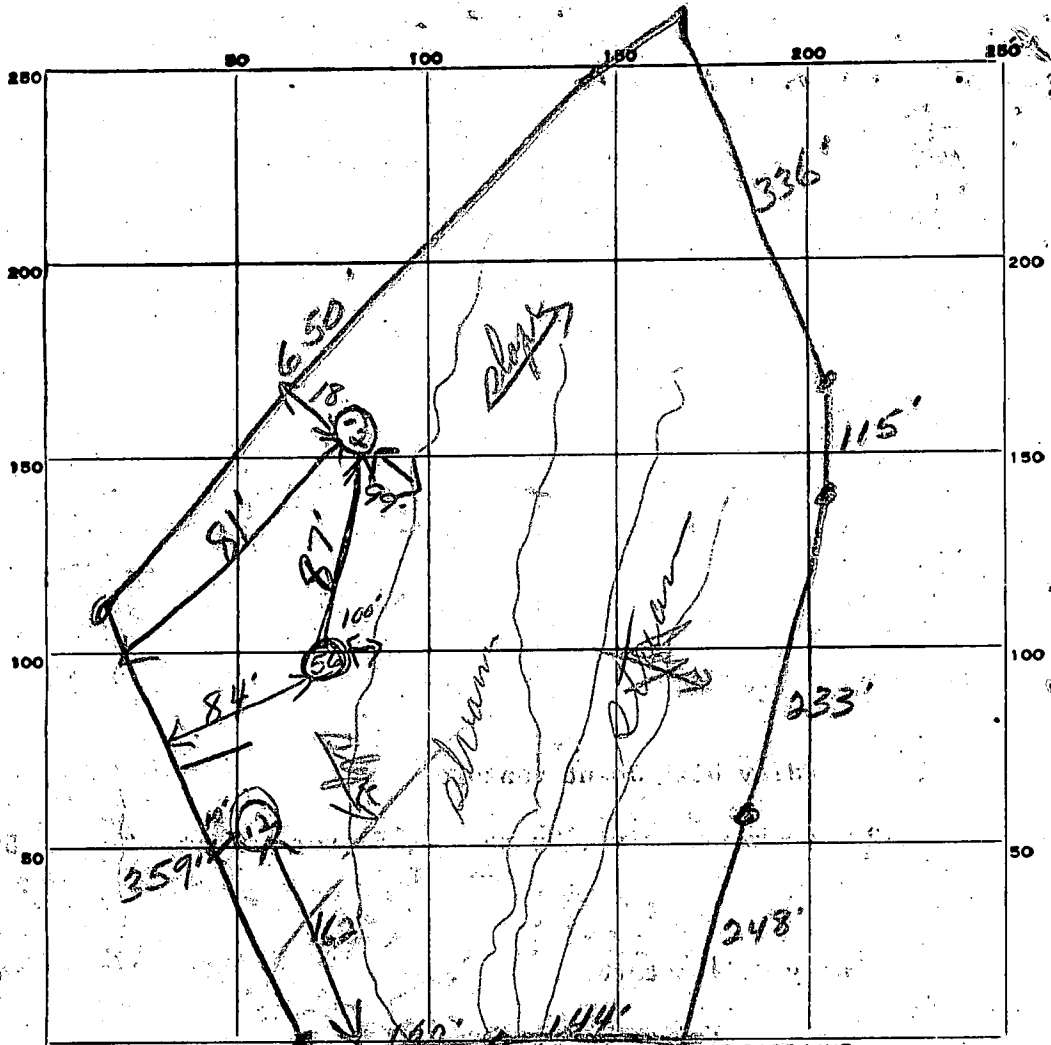
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS *James T. Wright* DATE 1/29/70

REASONS FOR REJECTION OR HOLDING *Stream and house to be put in to small area.*

# THIS IS NOT A PERMIT

7



Union Chapel Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/29/70	1		water 67 feet					
	2							
	3	11'	205	210	210	230	20 in	
	4	5'	202	208	208	212	4 in	
	Hole 3 water and clay started running in hole							
	5	10 1/2'	234	238	238	252	14 in	
	6	Shallow hole same soil as hole 4						
		Raining had to stop						

SOIL AUGER FINDING

11/29/70  
TESTED BY

Install system before house is built?

REMARKS

B 1 3136 SEQUENCE NO. (OEP USE ONLY) 3 hr. pump test

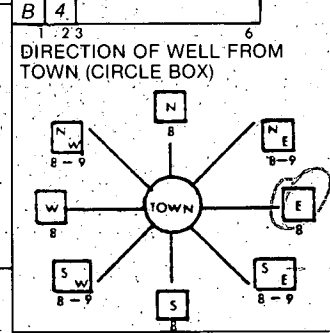
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

OEP PERMIT NUMBER HO-73-4374N fill in this form completely

Date Received 9:00 pump test 2/1/83 11/18/83 OWNER INFORMATION BROWN PETER 9109 HOWLIS AVE SILVER SPRINGS 209110

LOCATION OF WELL COUNTY Howard Co SUBDIVISION Daisy Hill Estates SECTION Parcel 163 LOT 1 NEAREST TOWN Daisy MILES FROM TOWN 1/2

DRILLER INFORMATION Driller's Name Austin Hansen 144 License No. 80 Firm Name Hansen-Hansen Well Drilling Inc. 19135 Bethesda Road Md. Address Austin Hansen 1-4-83



UNION CHAPEL NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH DISTANCE FROM ROAD 400'

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 3 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

- 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)

APPROXIMATE DEPTH OF WELL 400 FEET

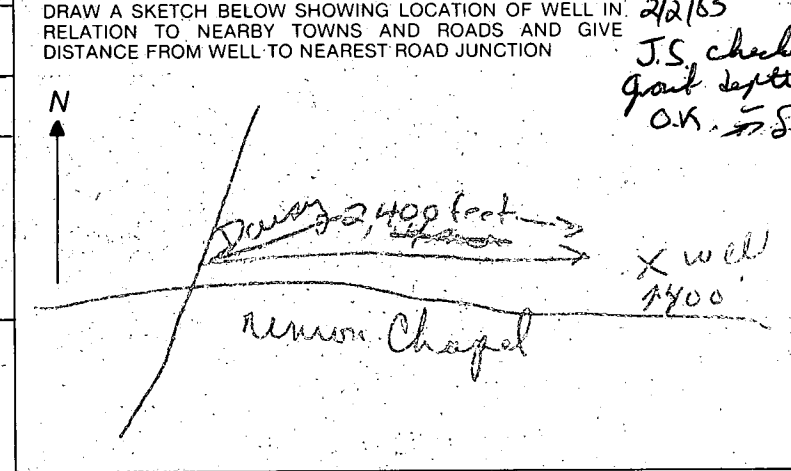
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one) BORED (OR AUGERED) JETTED JETTED & DRIVEN AIR ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE ROTARY DRIVE POINT

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 THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY) APPROX. PERMIT NUMBER GAP FORCE FS INITIALS IN BOX PERMIT No. HO-73-4374N

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. well 3. WRITE THE BOX NUMBER FROM THE MAP HERE 7803 5301



NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A30271 COUNTY NO. OEP SIGNATURE DATE ISSUED 1/1/83 CO SIGNATURE Frank Sherman NORTH GRID 531 EAST GRID 0783 EXPIRES 07/1/83

SPECIAL CONDITIONS 8-63



1 6217 SEQUENCE NO. (OEP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 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 30271

Date Received (OEP use only)

DATE WELL COMPLETED  
112783

Depth of Well  
160 (TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
10-73-4374

OWNER: Brown (last name), Peter (first name)  
STREET OR RFD: Union Chapel Road TOWN: Daisy  
SUBDIVISION: Daisy Hill Estates SECTION: LOT: 1

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	
dir + slate	0	30	
	30	160	✓

WELL HAS BEEN GROUTED (Yes  No )  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS 67 NO. OF POUNDS 402  
 GALLONS OF WATER 210  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft to 73 ft

CASING RECORD  
 casing types insert appropriate code below  
 STEEL  CONCRETE  
 PLASTIC  OTHER  
 MAIN CASING TYPE: S T  
 Nominal diameter top/main casing (nearest inch): 6  
 Total depth of main casing (nearest foot): 73

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

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

DEPTH (nearest ft.)  
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

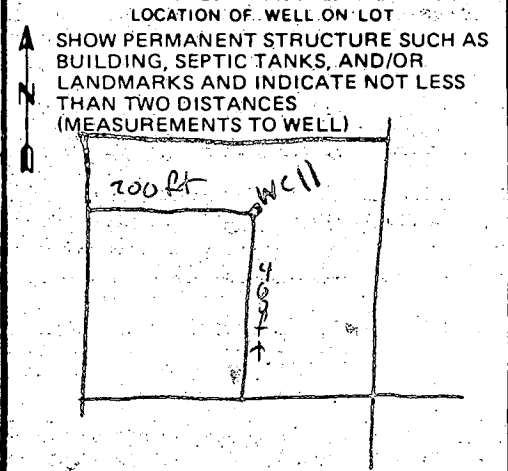
SLOT SIZE: 2  
 DIAMETER OF SCREEN (NEAREST INCH): from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

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

PUMPING TEST  
 HOURS PUMPED (nearest hour): 3  
 PUMPING RATE (gal. per min. to nearest gal.): 13  
 METHOD USED TO MEASURE PUMPING RATE: submersible  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING: 15 ft  
 WHEN PUMPING: 48 ft  
 TYPE OF PUMP USED (for test): S submersible

PUMP INSTALLED YES  NO   
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)  
 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): S  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)  
 PUMP HORSE POWER: 31 35  
 PUMP COLUMN LENGTH (nearest ft.): 41 47  
 CASING HEIGHT (circle appropriate box and enter casing height): above below 2 (nearest foot)

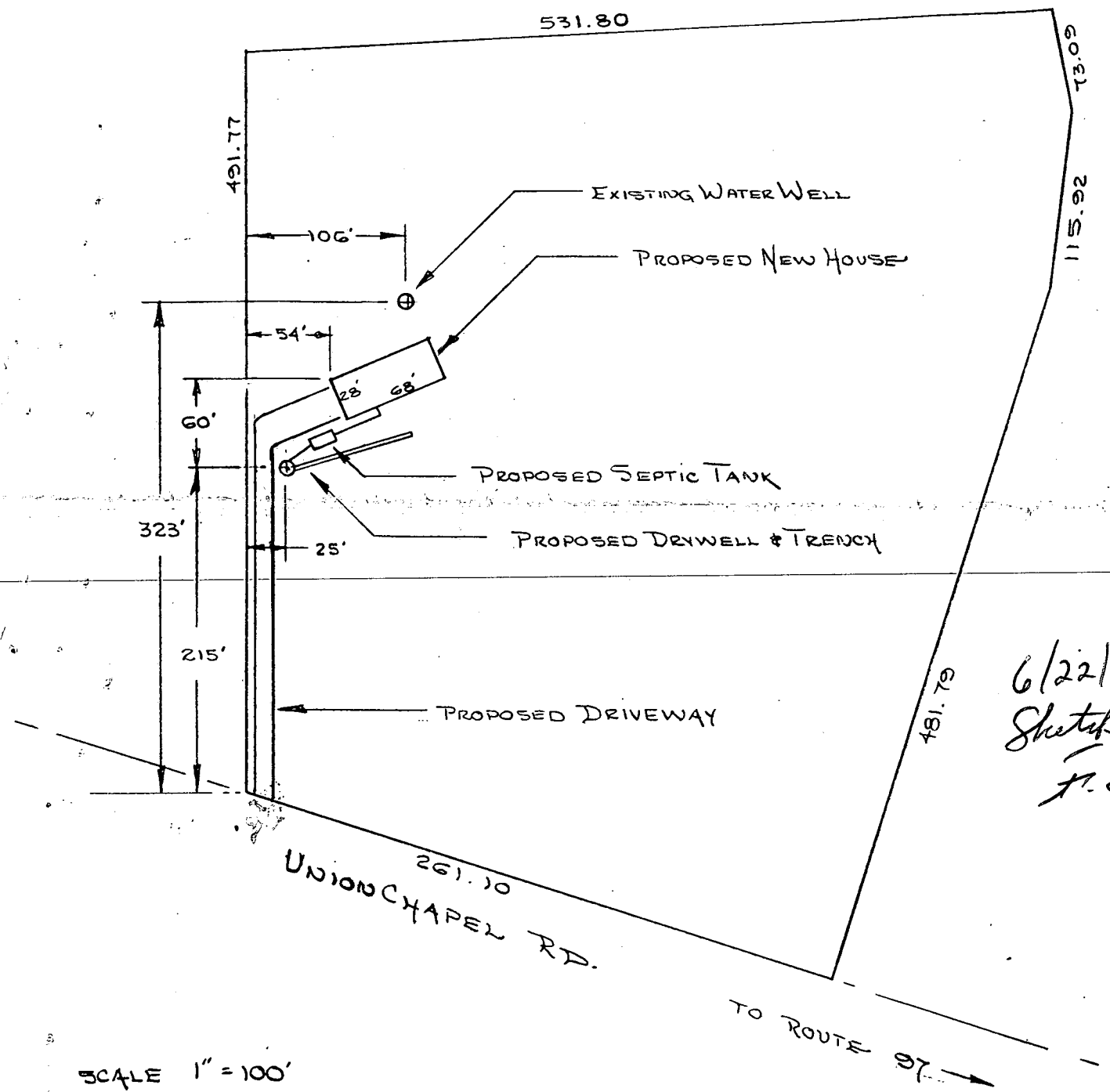


CIRCLE APPROPRIATE BOX  
 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 ELECTRIC LOG OBTAINED  
 TEST WELL CONVERTED TO PRODUCTION WELL

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. 144  
 DRILLER SIGNATURE: Austin Gower  
 SITE SUPERVISOR SIGNATURE: Austin Gower  
 responsible for sitework if different from permittee





SCALE 1" = 100'

LOT "1" DAISY HILL ESTATES

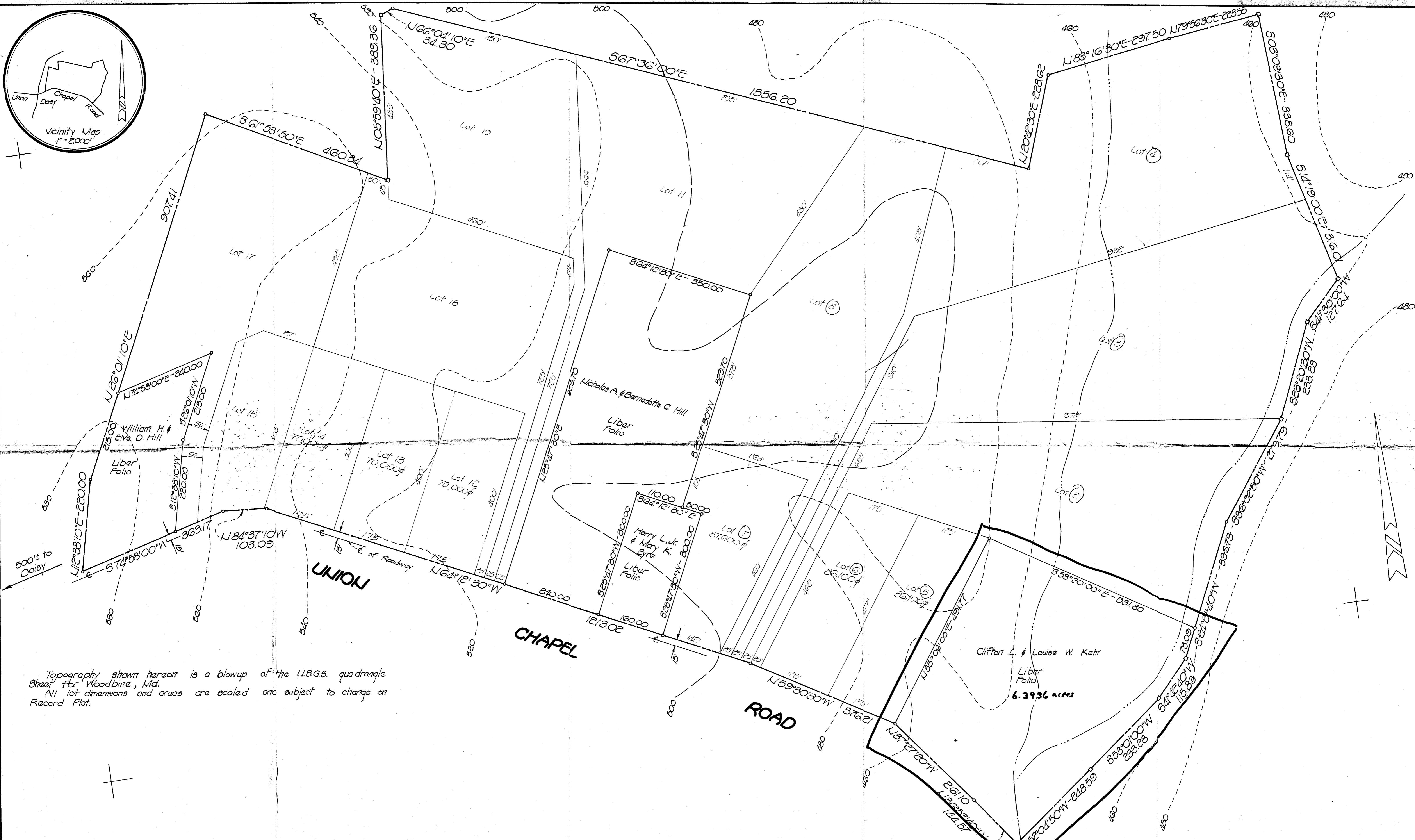
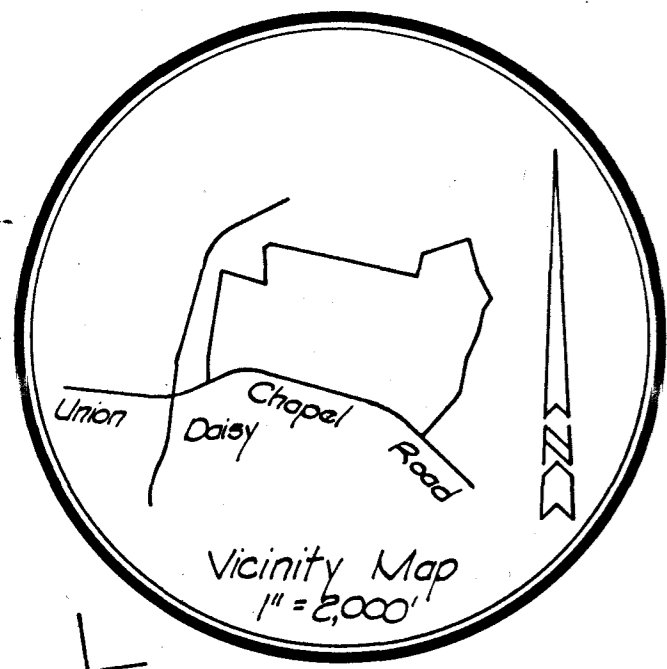
ELEVATIONS

- HOUSE - SEWER OUT = 399.0
- BASEMENT = 492.5 (NO PLUMBING IN BASEMENT)
- 1<sup>ST</sup> FLR = 401.5
- 2<sup>ND</sup> FLR = 410.5
- FINISH GRADE = 400.0
- WATER WELL = 394.3
- PROPOSED SEPTIC TANK (1500 GAL)
- EXISTING GRADE = 399.0
- INVERT IN = 397.25
- INVERT OUT = 397.50
- PROPOSED DRY WELL
- EXISTING GRADE = 398.5
- FINISH GRADE = 398.5
- INVERT = 394.5

I CERTIFY THESE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY TO THE BEST OF MY KNOWLEDGE. ELEVATIONS HAVE NOT CHANGED SINCE DATE OF PERCOLATION TESTS

*John W. Pallock* 6-20-83

PROPOSED SITE PLAN  
 MR. & MRS PETER BROWN  
 9104 LOUIS AVE  
 SILVER SPRING, MD.



Topography shown hereon is a blowup of the U.S.G.S. quadrangle sheet for Woodbine, Md.  
 All lot dimensions and areas are scaled and subject to change on Record Plot.

DATE	REVISION

DEVELOPER:  
 DAISY-HILL JOINT VENTURE  
 1131 UNIVERSITY BOULEVARD WEST  
 SILVER SPRING, MARYLAND

SEYBOLT, GORE & NEWQUIST  
 CIVIL ENGINEERS & LAND SURVEYORS  
 1111 BONIFANT STREET  
 SILVER SPRING, MARYLAND

SKETCH PLAN, LOTS 5 thru 7 and 12 thru 15  
**DAISY HILL ESTATES**  
 LIBBON ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DRAWING NO. 1 OF 1	SCALE 1" = 100'	S. G. N. FILE NO. 436-10970
DESIGNED	DATE	8ept. 1970
DRAWN RAH	CHECKED	