

Approved 8/17/79
J. Stayer
P 29339
A 23974

05-381614

SEPTIC SYSTEM TO BE INSTALLED
FIRST BEFORE BUILDING PERMIT
IS SIGNED.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 12/13/78

11-12
H23/79
after H26/79
used please

INDEXED

Costello Builders

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 2201 Route 94, Woodbine, Md. 21797 442-2288

SUBDIVISION Highland Lake ROAD Holly Loch Lane LOT 20

PROPERTY OWNER Costello Builders Ella Zaualeta

ADDRESS

BUILDING PERMIT SIGNED
AND RETURNED

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 175 SQ. FT. per bedroom.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN
FACING LOT FROM

LOCATION: Per signed engineer's plat.

12-403 B00145234-BATHROOM ADDITION

BLDG. PERMIT SIGNED

AND RETURNED 2/8/79

Serial No. 37994

PLANS APPROVED BY C.B. Streaker

DATE 6/17/76

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

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

A 23974

A23974

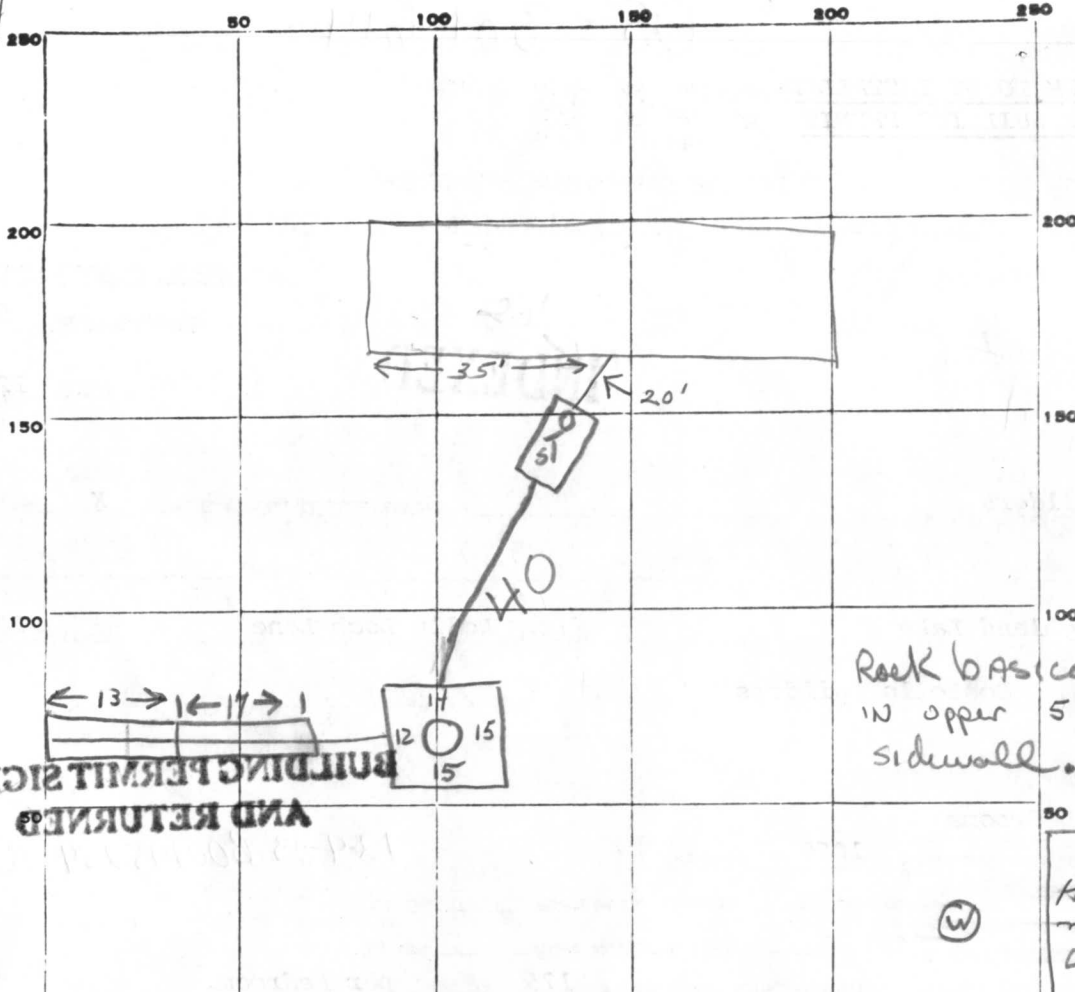
175
+3
525

675
584
91

17
x8
136
56
x8
448

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BUILDING PERMIT SIGNED
AND RETURNED



8/17/79
House connection
made - OK to
cover JS

PERMIT CARD containing
SEPTIC TANK, LEVEL 1000 RECTANGULAR (presently above) CLEANOUTS
DISTRIBUTION BOX, LEVEL Na
TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.
GRAVEL DEPTH 8 X TOTAL LENGTH 30 FT.
NUMBER OF TRENCHES 1 TOTAL 1/2 SW BOTTOM AREA 240
SEEPAGE PITS, INSIDE DIAMETER 56 FT. DEPTH BELOW INLET 8 FT.
ABSORBENT AREA 688 SQ. FT.

REMARKS 23 Jan 79 - Small amts of rock in spoils pile. Trench
sidewall acceptable. Excavate trench an additional 13' feet.
Call for next inspection when trench excavated to 30'; when work
on drywell is sures complete. OK to add gravel to 1st 17' of
trench only. (GLK) 23 Jan 79 - Trench excavated - OK to add gravel to trench.
Call (GLK) 1/26/79 - STONE ADDED TO DITCH NOW 688 TOTAL AREA
525 SQ FT REQUIRED CALL WHEN CONNECTED TO HOUSE RH
DATE SYSTEM APPROVED 8/17/79 INSPECTOR J. Stayer

APPLICATION

A 23974

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT Fifth

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 9/15/76

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 Mr. Walter Bucher
Highland Partnership
ADDRESS 8777 First Avenue PHONE (8)-588-3100
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION Highland Lake LOT NO. 23
ROAD AND DESCRIPTION unamed Road

SIZE OF LOT one acre m/l TYPE BLDG. 3 or 4 bedroom
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Mr. Walter Bucher

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

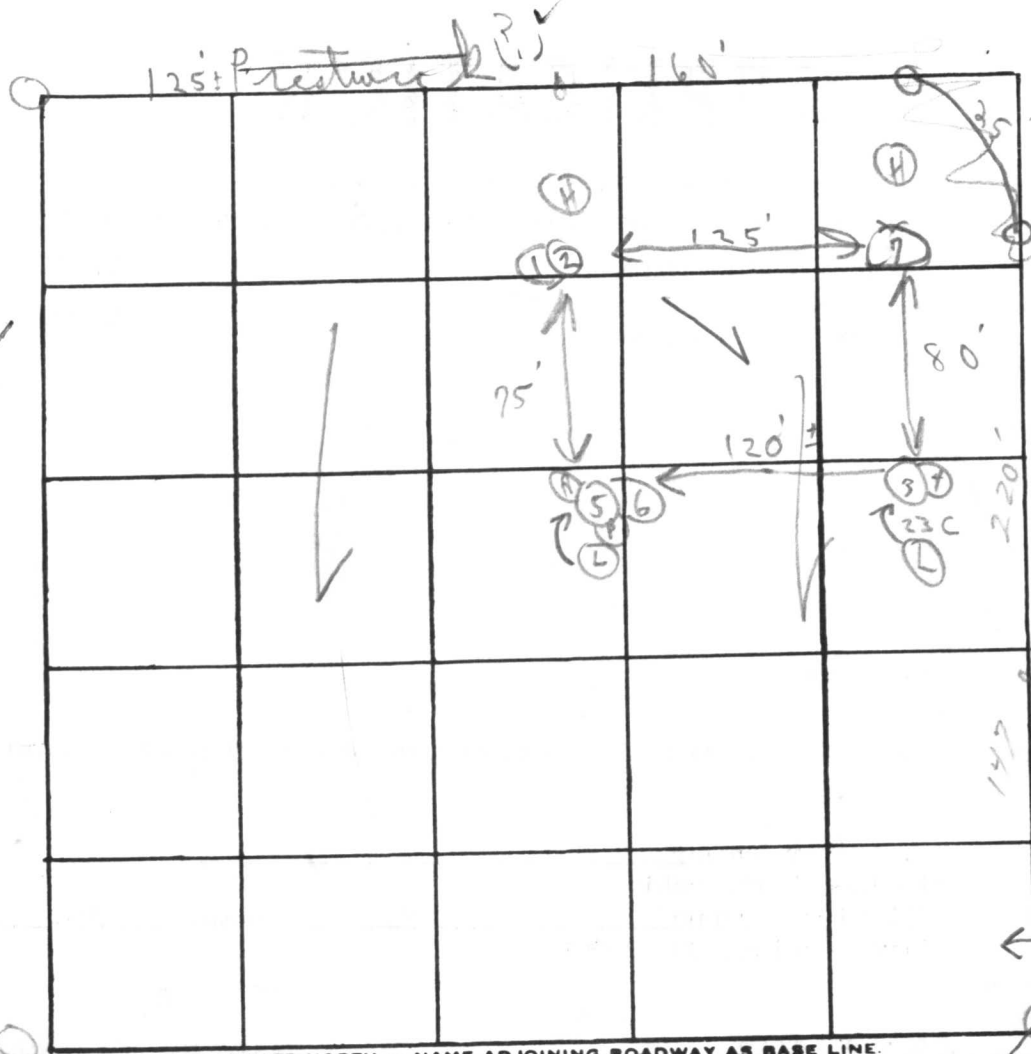
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A23974



Holly Lane
#20
#23 on
#1 steel
New

Soil Profile

1'-4' clay
8' loam
1'-4' clay
7' sand & clay mixed
1'-5' clay
8' loam

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/17/71	1	4' s	3:22	3:24	3:24	3:28	4
	2	12' o	3:21	3:24	3:24	3:32	8m
	3	4' s	2:52	2:56	2:56	3:15	19
	4	11' o	2:52	2:54	2:54	3:07	13
	5A	5' s	2:33	Pulled peg	lower shelf	2:44	175
	6	13' o	2:33	2:35	2:35	2:41	6
	7	12' s	1' mixed	1'-3' clay	9' loam		
	5B	5 1/2' s	2:45	2:47	2:47	2:50	3m
						6:53	9m

(Sandstone in bottom)
Inlet 4
9m

REMARKS (Formerly #29 #30 #31) Field located below clay
TYPE OF SOIL Sandy loam below clay
TESTED BY G. B. R. ALSO PRESENT: 354 Ketterman

DRYWELL DATA

A23974

EXISTING GRADE	532.00	
	<u>4.00</u>	- INLET DEPTH AS PER SPEC'S.
INVERT IN DRYWELL	528.00	
	<u>.63</u>	- 60' @ $\frac{1}{8}$ "/ft. fall = $7\frac{1}{2}$ "
INVERT OUT SEPTIC TANK	528.63	
	<u>.33</u>	- 4" DIFFERENCE BETWEEN IN. & OUT.
INVERT IN SEPTIC TANK	528.96	
	<u>.29</u>	- 14' @ $\frac{1}{4}$ "/ft. fall = $3\frac{1}{2}$ "
INVERT OUT DWELLING	529.25	
BASEMENT ELEVATION	529.00	
	<u>8.75'</u>	
FIRST FLOOR ELEVATION	531.75	
WELL ELEVATION	532.00	
NUMBER OF BEDROOMS	3	
ACREAGE	110,298 #'	or 2.5321 ac.



 COSTELLO BUILDERS CORP.		
SCALE: 1" = 50'-0"	APPROVED BY:	DRAWN BY: Wm. Young
DATE: November 17, 1978		LOT NUMBER: #20; SECT. I.
SITE PLAN		
RESIDENCE FOR MR. & MRS. H. ZAVALA 6645 PRESTWICH DRIVE; HIGHLAND, MD. 21029		DRAWING NUMBER: SP-1

B 1 3133 1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER 140-73-3076 FILL IN THIS FORM COMPLETELY
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DATE RECEIVED (WRA USE ONLY) 12/12/78 2:00 PM	OWNER <u>Costello Builders</u> COL 15 LAST NAME STREET OR RFD <u>St 94</u> COL 36 POST OFFICE <u>Lisbon, Md.</u> COL 57	FIRST NAME COL. 34 A23974 COL. 55 COL. 76
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B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE <u>11-9-78</u>		LICENSE NUMBER <u>303</u>
FIRST NAME <u>William B.</u>		LAST NAME <u>Prigun</u>
SIGNATURE <u>William B. Prigun</u>		

B 2	WELL INFORMATION
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>3</u>	
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>500</u>	
USE FOR WATER (CIRCLE APPROPRIATE BOX)	
☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING, AGRICULTURE, IRRIGATION ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. ☐ MUNICIPAL WATER SUPPLY ☐ PRIVATE WATER COMPANY } MUST HAVE STATE HEALTH DEPT. APPROVAL ☐ TEST	

APPROXIMATE DEPTH OF WELL <u>200</u> FEET	
APPROXIMATE DIAMETER OF WELL <u>6</u> (NEAREST INCH)	
METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
BORED (OR AUGERED) ☒ JETTED ☐ DRIVEN ☐ 30-37 <u>AIR-ROTARY</u> ☐ AIR-PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY) ☐ <u>CABLE</u> ☐ REVERSE-ROTARY ☐ DRIVE-POINT ☐ OTHER (DESCRIBE) _____	

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 (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER	ENGINEER REVIEW DISTRICT NO.
FORCE	CONDITIONS

B 4	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6	
STATE HEALTH (CIRCLE BOX) <u>Howard</u> COUNTY NAME <u>W29220</u> COUNTY NO.	
DATE <u>1111478</u> APPROVED BY <u>Donald W. Monaghan, Sanitarian</u>	

B 5	SPECIAL CONDITIONS 8-83 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6	

B 3	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6	
COUNTY <u>Howard</u> (DO NOT ABBREVIATE COUNTY NAME)	
SUBDIVISION <u>Highland Lake</u>	
SECTION <u>20</u> LOT <u>20</u>	
NEAREST TOWN <u>Highland</u>	
MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>2</u>	

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6	
☒ NORTH ☐ EAST ☐ NE NORTHEAST ☐ SE SOUTHEAST ☐ SOUTH ☐ WEST ☐ NW NORTHWEST ☐ SW SOUTHWEST NEAR WHAT <u>Holly Loch Lane</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) ☒ NORTH ☐ SOUTH ☐ EAST ☐ WEST DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>300</u>	

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

12/12/78 See Attached Sheet. well Holly Loch Lane Highland Rd.	BOX NUMBER E 810 N 490 NORTH COORDINATE <u>490000</u> EAST COORDINATE <u>000000</u> ELEVATION AT WELL HEAD (FEET) _____
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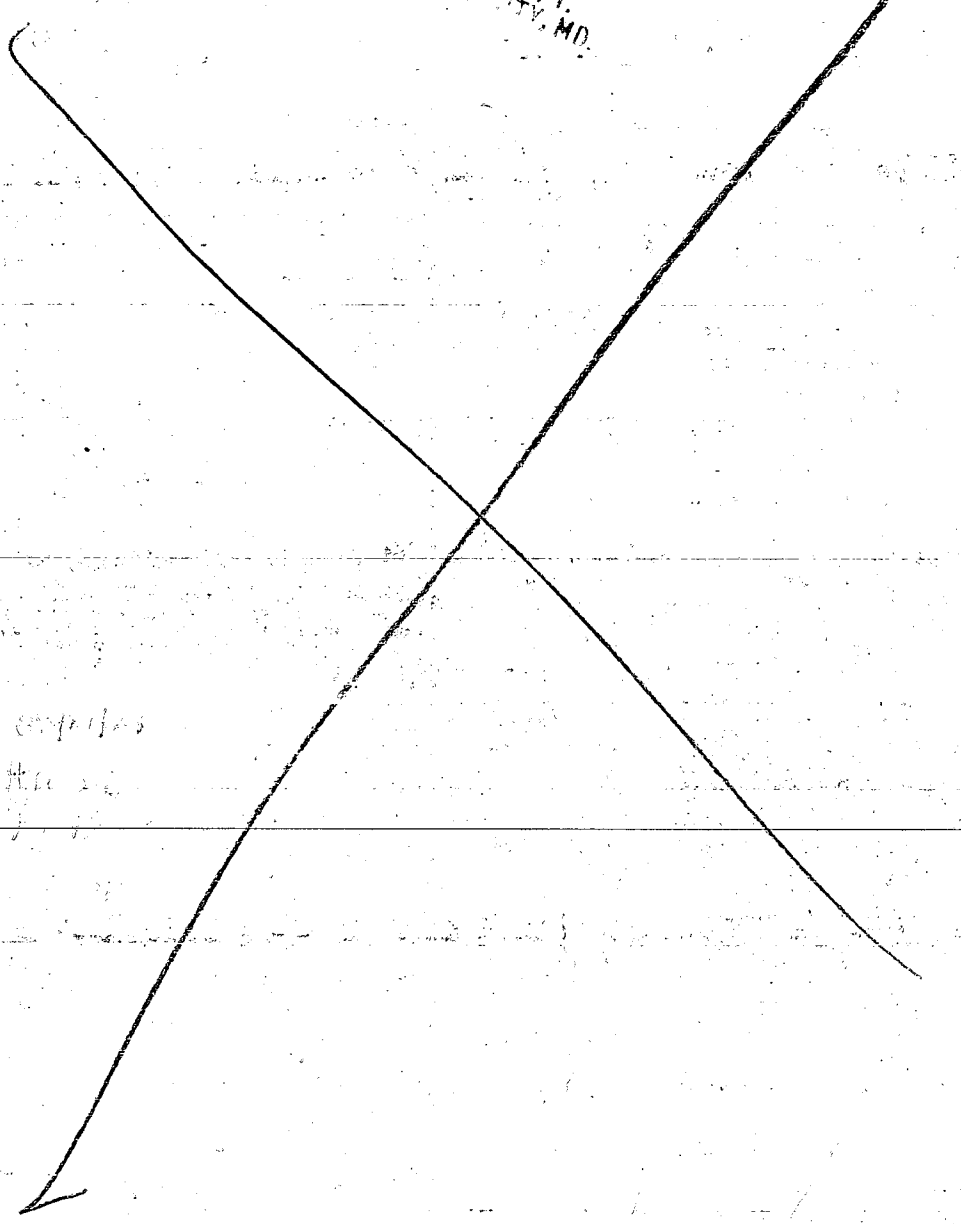
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HEALTH

RECEIVED

NOV 28 9 33 AM '70

HOWARD COUNTY
HEALTH DEPT.
ELICOTT CITY, MD.



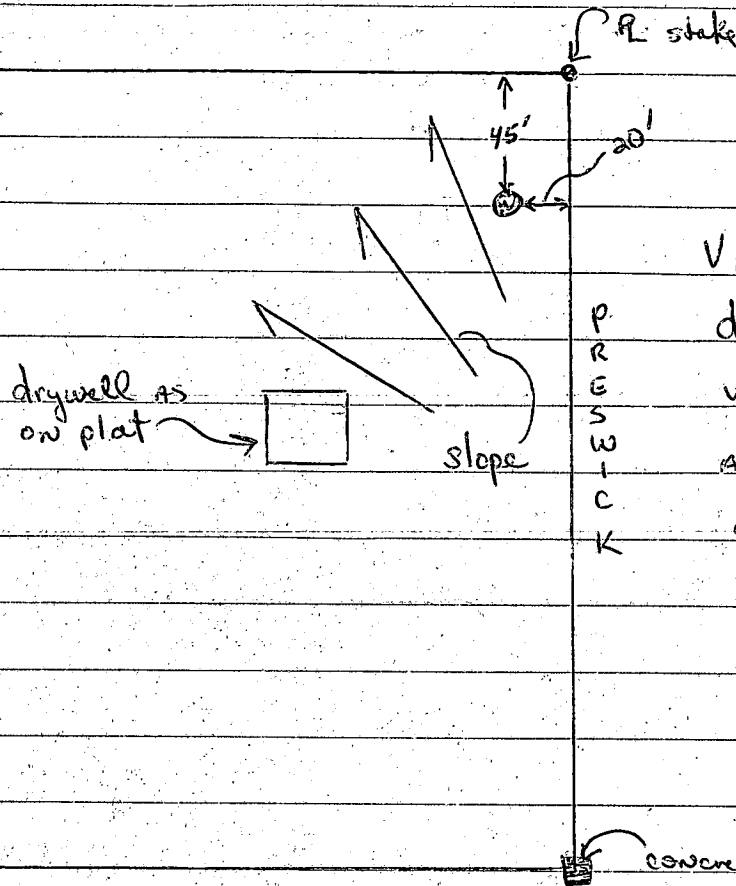
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A23974

Highland Lakes

12/12/78 - LOT 20



Visual topo from
drywell → well
well → drywell location
appears as if each
are of identical
elevation.

Holly Loch

12/12/78

32' casing

30' open hole

2' Above grade

8 bags cement

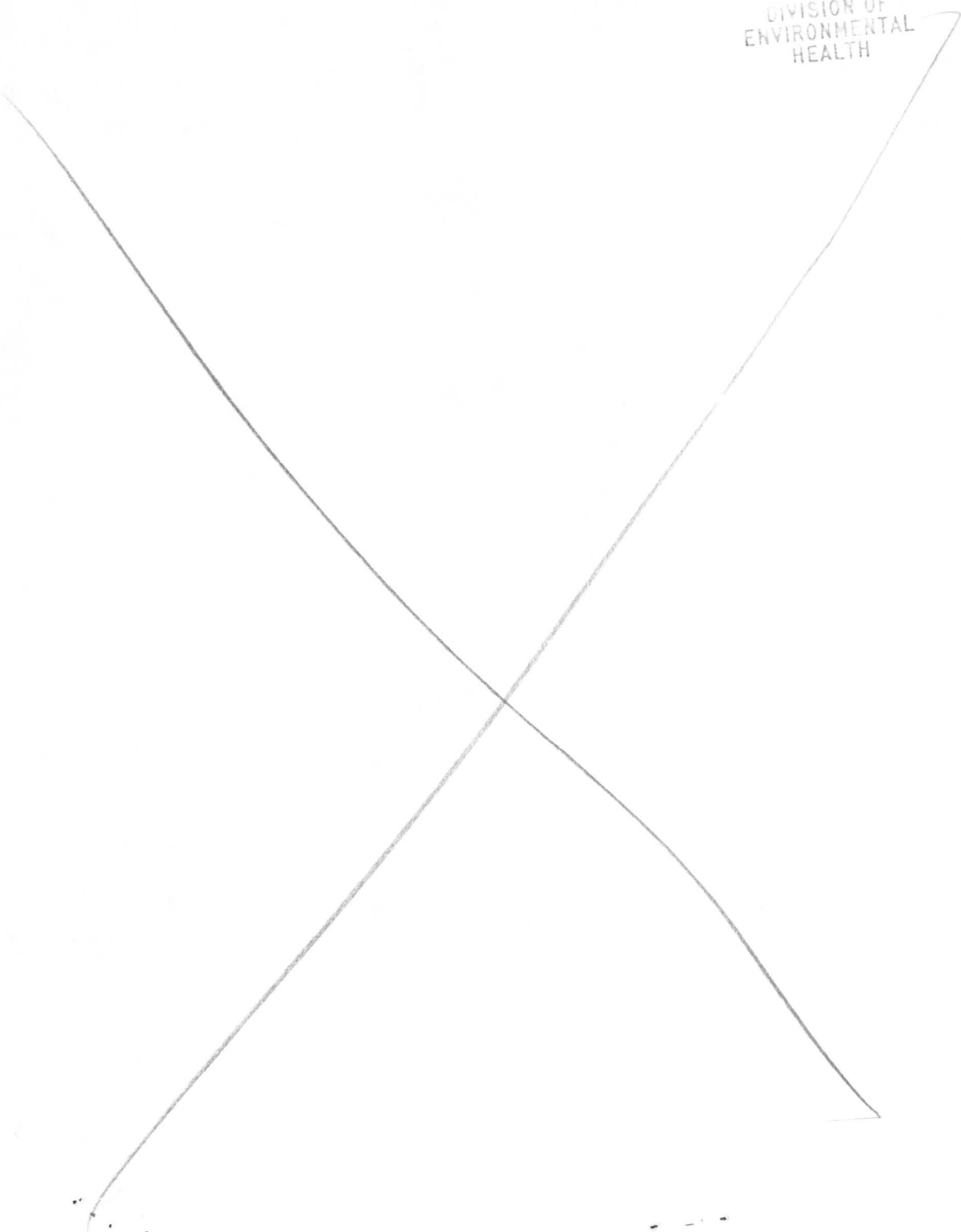
location ✓

(GLK)

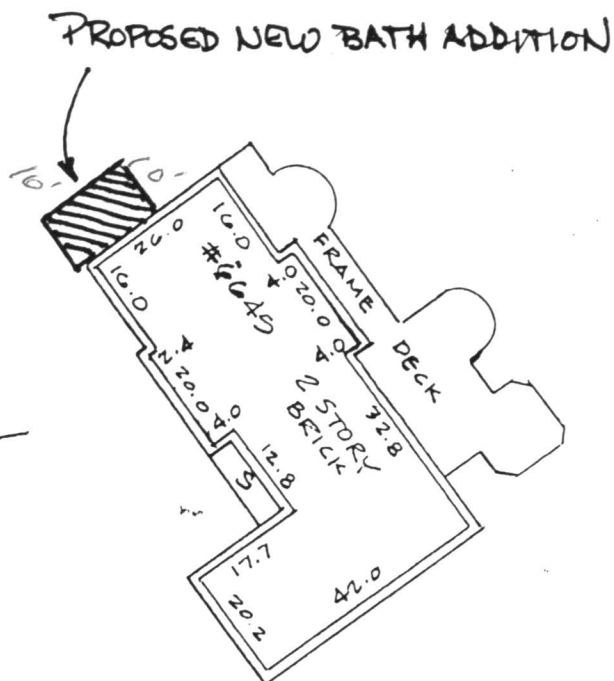
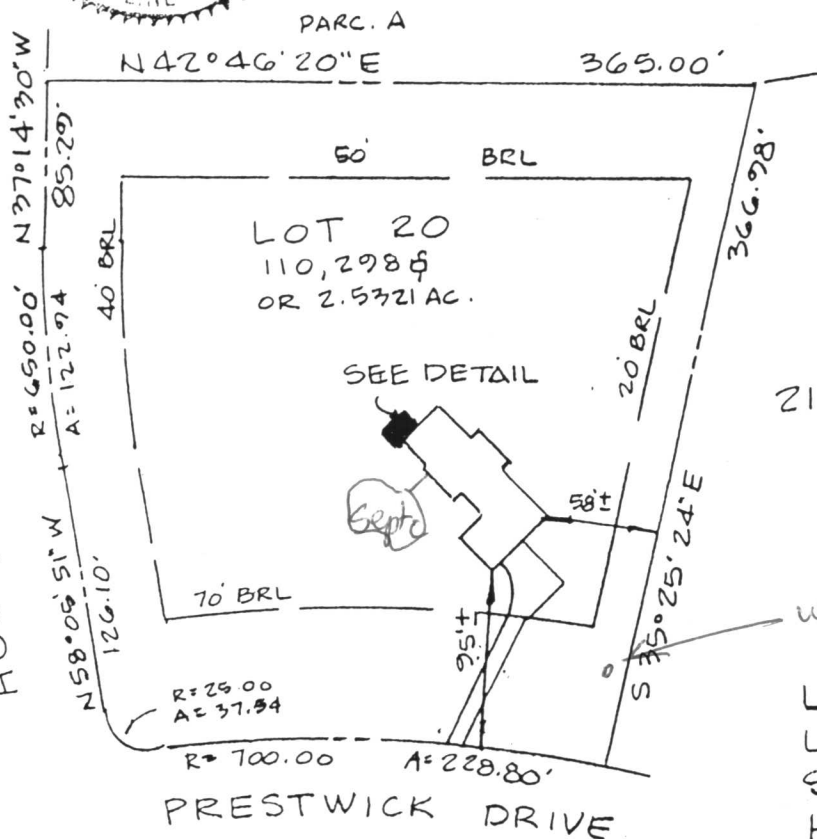
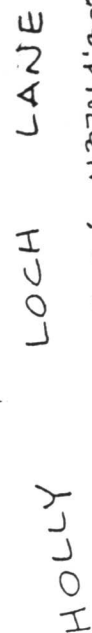
RECEIVED
HOWARD COUNTY
HEALTH DEPT

MAR 30 4 02 PM '90

DIVISION OF
ENVIRONMENTAL
HEALTH



NOTE: This location for title purposes only — not to be used for determining property lines. Property corner Markers Not guaranteed by this location



11 = 30'

21

LOCATION OF HOUSE
LOT 20 SECTION ONE
SHEET 3 OF 4
HIGHLAND LAKE
HOWARD COUNTY, MD.

HUD FLOOD PANEL NO. 240044-0032B

ZONE: C

I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY A TRANSIT-TAPE SURVEY AND UNLESS OTHERWISE SHOWN, THERE ARE NO ENCROACHMENTS.

DAVID L HALLER
MARYLAND R P L S No 240

PLAT BK.

PLAT NO. 3809

LIBER

FOLIO

SURVEYING • ENGINEERING • PLANNING

(301) 863-1543 522 TRAIL AVENUE, FREDERICK, MARYLAND 21701

DATE OF SURVEYS

SCALE: 1" = 100'

WALL CHECK.

DRAWN BY: JH

HSE LOC.: 2-7-02

JOB NO. 72-2485

RECERTIFICATION: 09-16-93

A23974
P21339

2003/02/26 AM 7:52