

3/31/78
after 12:00 noon
3/29/78
4/28/78
final

05-379660

P.C. 03/29/78 mb
PC 3/31/78 MS
Final 4/28/78 27696

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

A 24200

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 3/21/78

Souder Builders, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 14269 Triadelphia Mill Road, Dayton, Md. 21036 PHONE _____

SUBDIVISION Chris Mar Estates 13439 Chris Mar Court LOT 9

BUILDING PERMIT SIGNED

PROPERTY OWNER Souder Builders, Inc. **AND RETURNED**

9-1-04 B00150/20-SEWING ROOM

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

BLDG. PERMIT SIGNED
AND RETURNED 4/13/78
Serial No. 35161

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 140 SQ. FT. per bedroom sidewall area in dry well

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 115 FT. FROM front LOT LINE AND 15 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM Chris Mar Court. Begin trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground, (running towards the right front corner of lot) the necessary distance. If trenches only are used, they must contain at least 200 sq. ft. effective sidewall absorption area per bedroom (one side only); they must be connected in series, spaced parallel twice their gravel depth apart and be no longer than 100 ft. in length.

PLANS APPROVED BY Frank Skinner DATE 11/8/77

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.

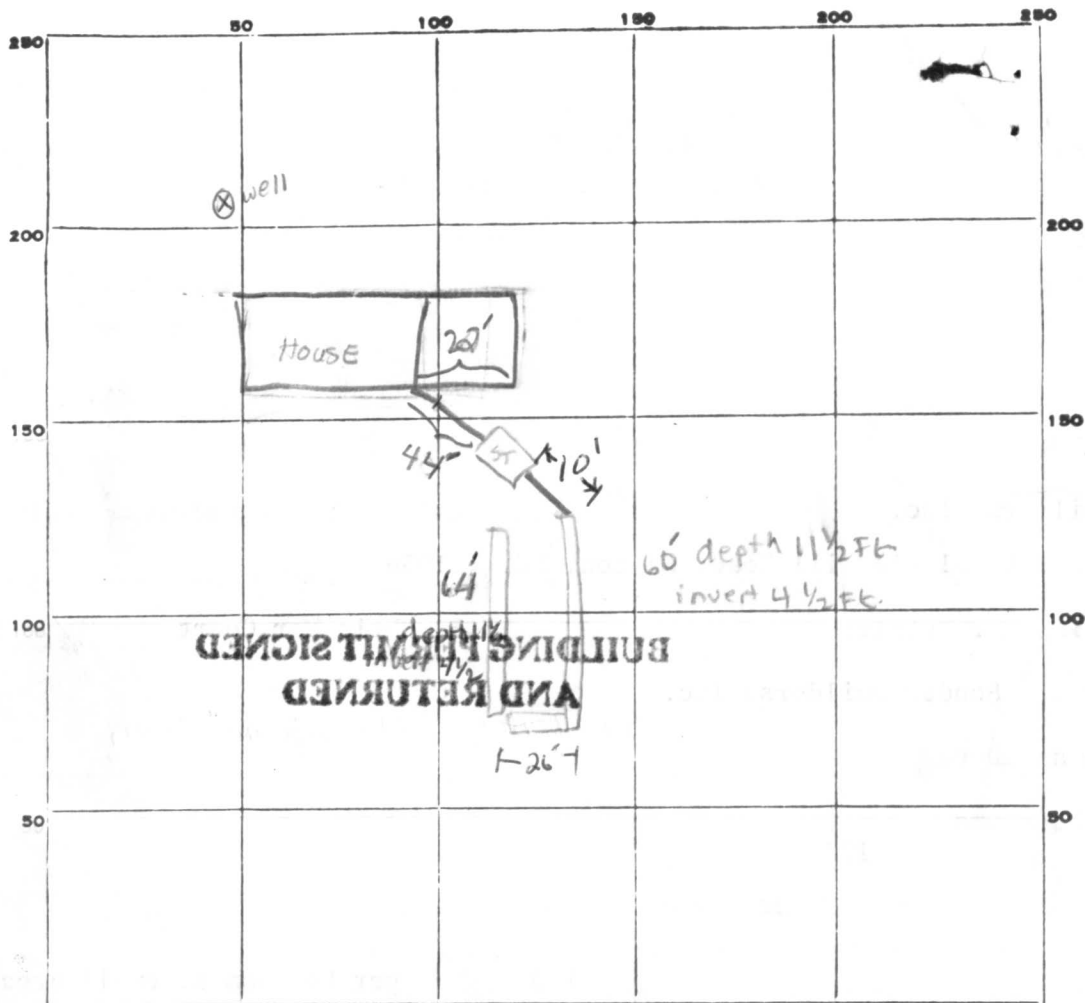
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

HD - 23

BA-86-27E *exp 8/28/86.*
Wm. Koenig / Sheldon Phillips

INSPECTOR _____ DATE SYSTEM APPROVED _____

A 24200



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD yes

SEPTIC TANK, LEVEL _____

CLEANOUTS St / DW
014

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 1 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 1/2 FT. TOTAL LENGTH 124 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 868 sq ft
1/2 Sidewall

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS -- Need to Put cleanout on Septic Tank OK to put
Gravel in trench. call for Reinspection 3/29/78 OMB
3-31-78 - call for final when house sewer is connected \$15
4/28/78 OK to cover from tank to house. OMB.

DATE SYSTEM APPROVED 4/28/78

INSPECTOR Mark Bryson

APPLICATION

A 24200

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. / 4 B.R. DISTRICT 5
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank / 1250 gal. septic tank DATE 10/6/76

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

Draywell and/or trench system to have 140 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 1/2 ft. of non-porous soil. Maximum depth permitted for draywell or trench is 11 1/2 ft. below original grade. Place the draywell 11.5 ft. from the front lot line and 15 ft. from the right side line as seen when facing the property from Chris Mar Road. Start the trench after a 5 foot earth buffer with the draywell and proceed to dig it on level ground (running towards the right front corner of lot) the necessary distance. If trenches only are used, they must contain at least 200 sq. ft. effective sidewall absorption area per bedroom (oneside only) they must be connected in series spaced parallel twice their gravel depth apart and be no longer than 100 ft. apiece. NOTE: Call for inspection of trench before gravel is installed.

ELLICOTT CITY, MARYLAND

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

PROPERTY OWNER Paul G. Kottis

ADDRESS P. O. Box 28, Highland, Maryland 20777 PHONE _____

PROPERTY LOCATION: Chris Mar Estates

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 10 new 9

ROAD AND DESCRIPTION Court A off Highland Road

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
(Single Fmly. Dwlg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Paul G. Kottis

APPROVED BY Frank Skinner FOR Draywell &/or trench DATE 11/8/77
(KIND OF SYSTEM)

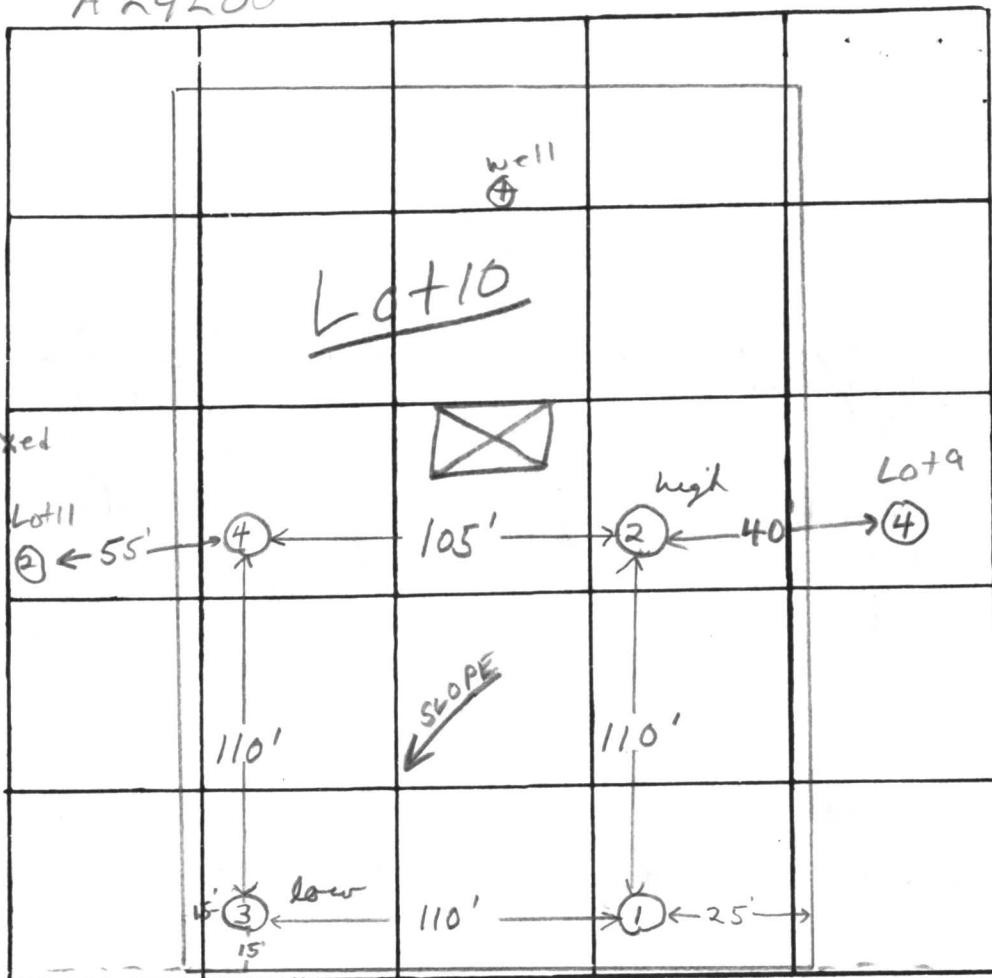
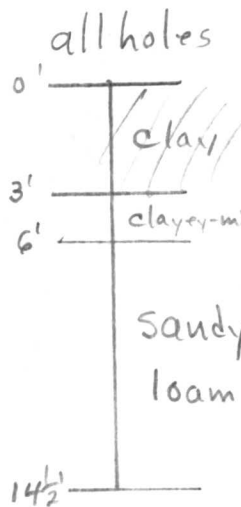
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A 24200



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

COURT "A"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
9/28/76	1	7'	1:11	1:14	1:14	1:18	4 min	porous at 6'	
	1A	14 1/2'	1:16	1:20	1:20	1:28	8 min		
	2 high	6'	1:24	1:26	1:26	1:28	2 min	porous at 5'	
	2A	14 1/2'	1:29	1:31	1:31	1:34	3 min		
	3 low	4'	1:37	1:39	1:39	1:44	5 min	porous at 3'	
	3A	14 1/2'	1:39	1:43	1:43	1:50	7 min	5 min avg inv. 4 1/2'	
	4	13 1/2'	Clayey to 5', sandy loam below						

REMARKS

TYPE OF SOIL

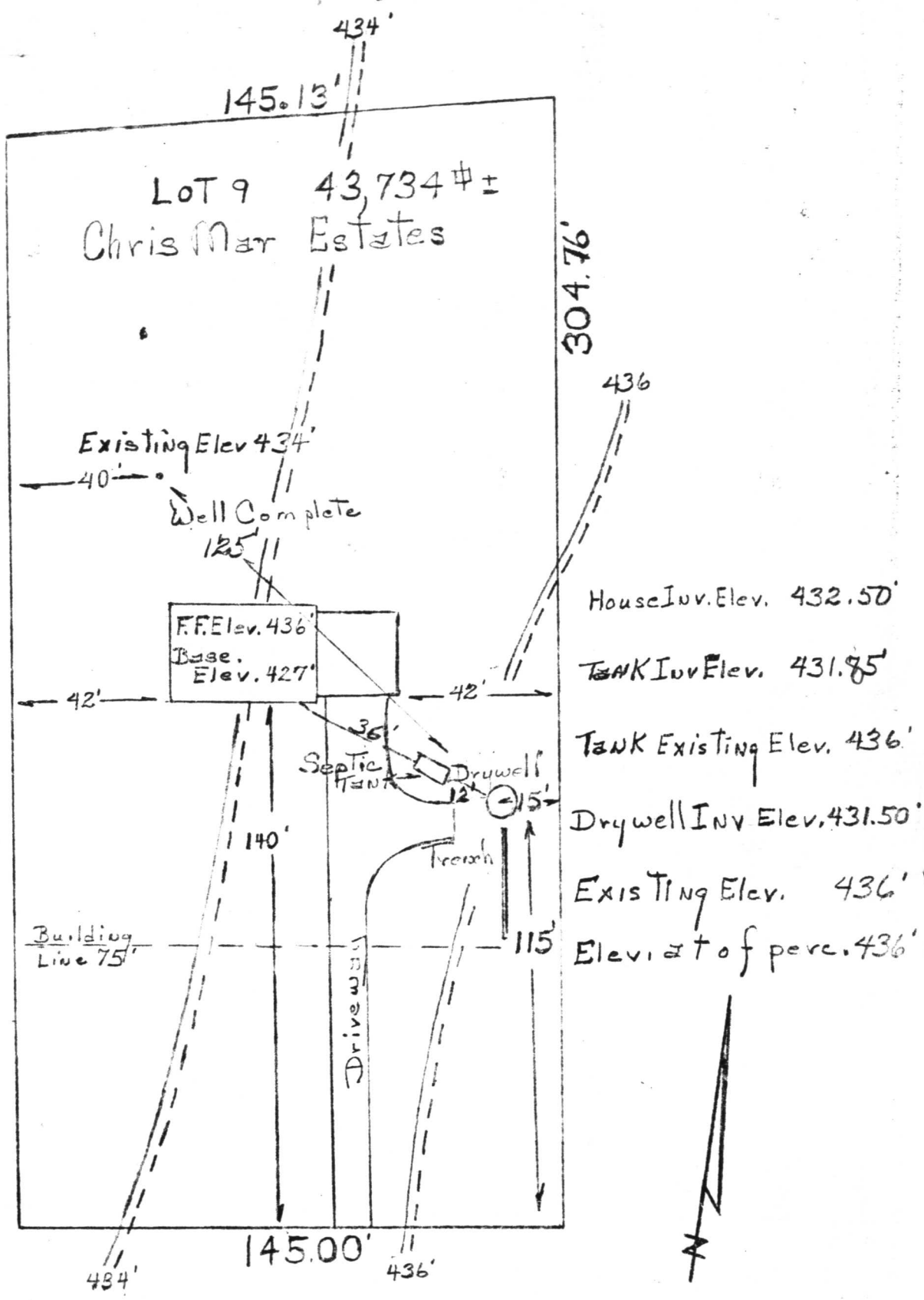
sandy loam below top 5-6' clayey soil

TESTED BY

F.S.

ALSO PRESENT:

P. Kattis & crew



app
 3-21-78
[Signature]

13439 Chris Mar Court
 Souder Builders Inc.
 14269 Tridelphia Mill Rd
 Dayton Maryland 21036

C 1 **4949** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W27-526

DATE RECEIVED (WRA USE ONLY) _____

DATE WELL COMPLETED 3/8/78

DEPTH OF WELL 105 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-73-2579

DRILLERS IDENTIFICATION NO. 223

OWNER: Souder Builders LAST NAME FIRST NAME

STREET OR RFD: 14269 Tridelphia Mill Rd. POST OFFICE: Dayton

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	2	
Smelly	2	23	
Sand Stone	23	30	
Micka	30	34	
Sand Stone	34	50	✓
Micka	50	105	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 25 FT. MEASURED

CASING RECORD

CASING TYPES: INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE: NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 34

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 8 2 9 3 11 4 15 5 17 6 21

7 23 8 24 9 26 10 30 11 32 12 36

13 38 14 39 15 41 16 45 17 47 18 51

SLOT SIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 20

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)
 WHEN PUMPING 105 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) _____

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) 2
 BELOW }

CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

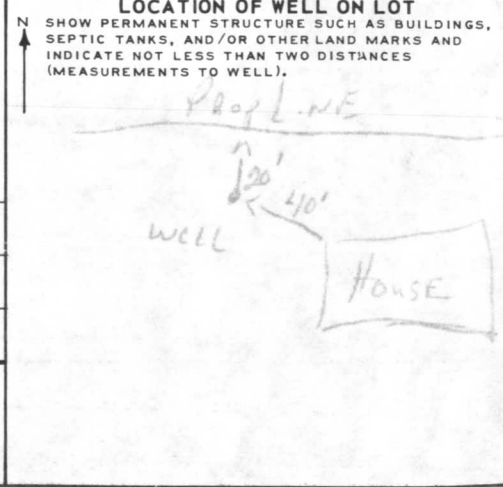
TEST WELL CONVERTED TO PRODUCTION WELL

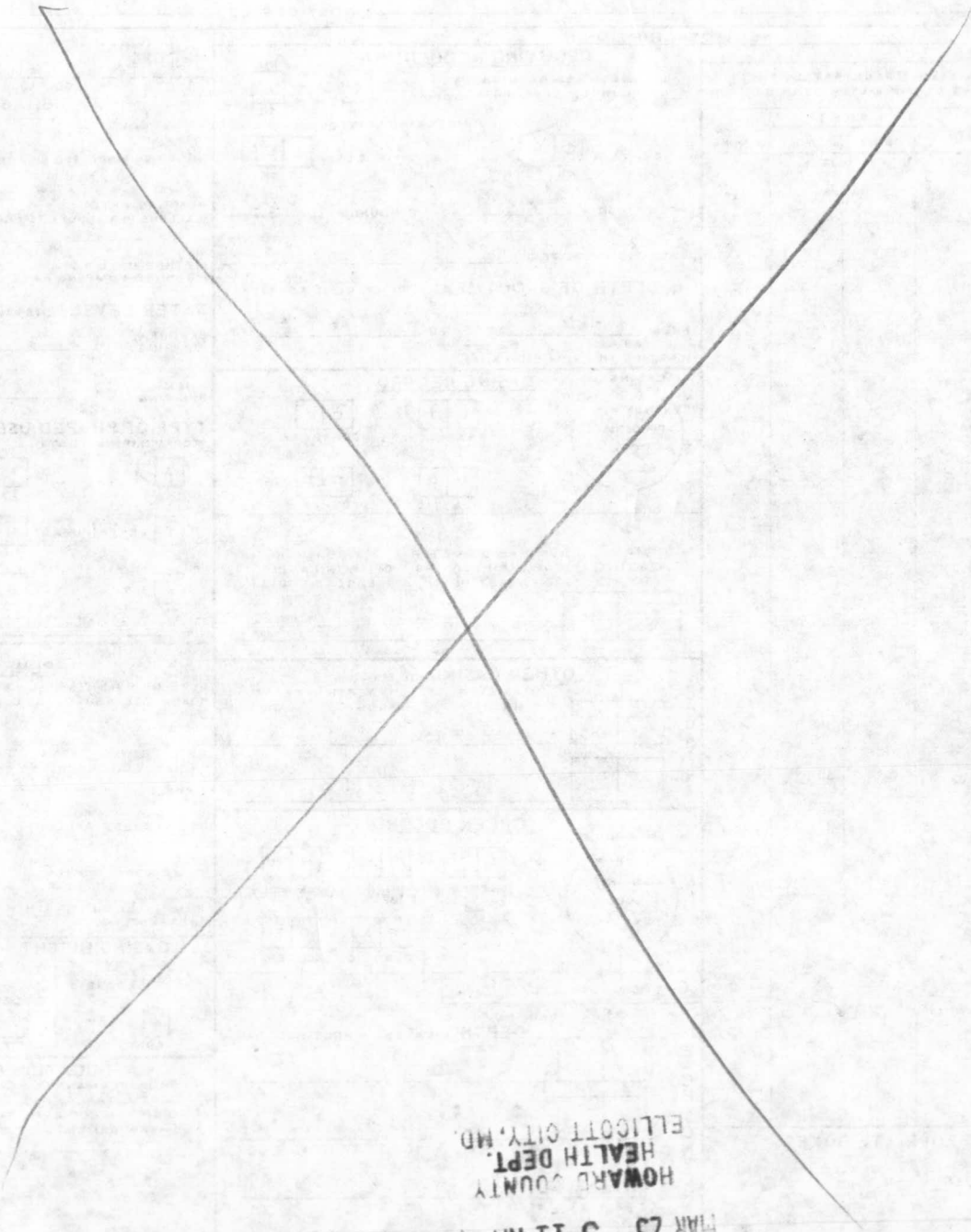
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME: Ralph Mayne

(PLEASE PRINT) Ralph Mayne

SIGNATURE: Ralph Mayne





RECEIVED
MAR 23 9 11 AM '71
HOWARD COUNTY
HEALTH DEPT.
ELLCOTT CITY, MD.

APPROVED

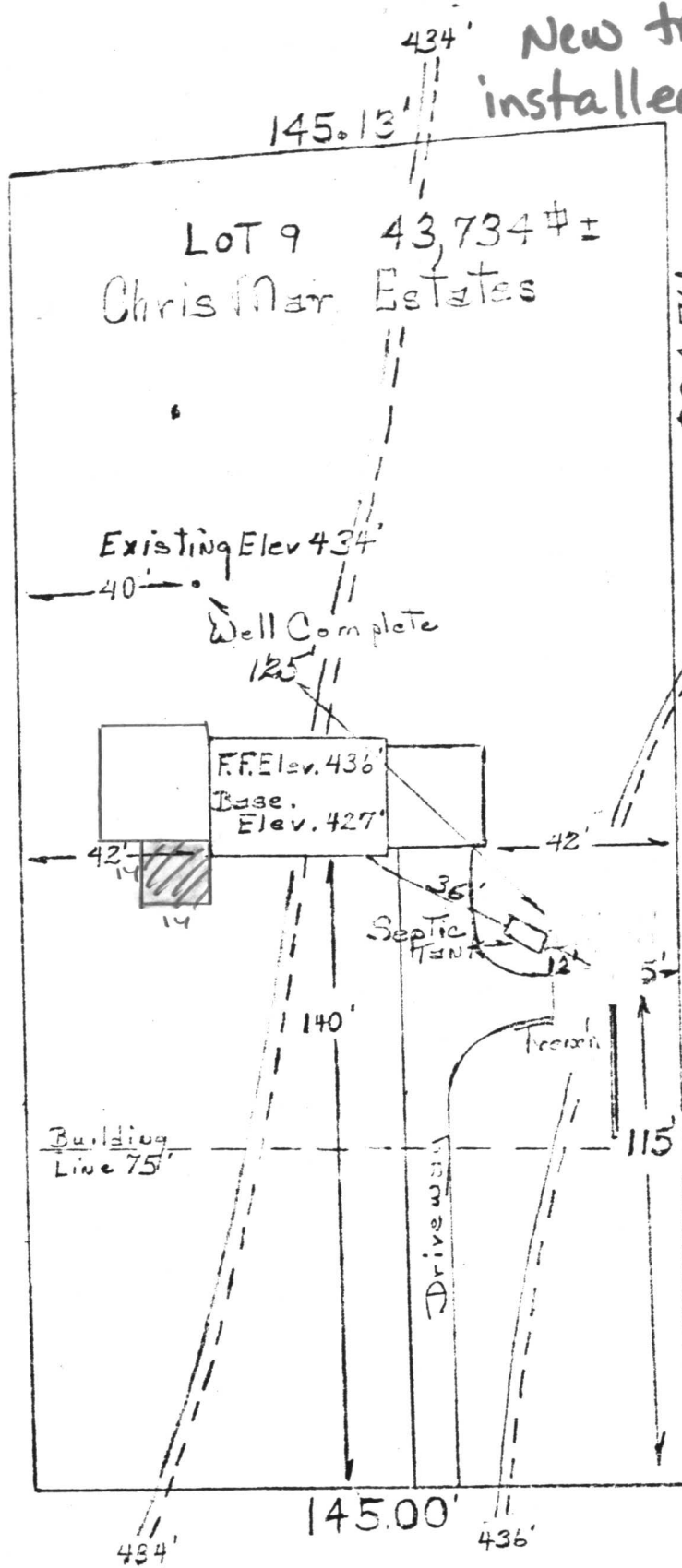
WALK-THRU BUILDING PERMIT

BP# 00/50/20 A# 2400

APP. SAN DATE:

DESC. OF WORK: Sewing Room

app 3-21-78 [Signature]



New trenches installed in 1978 to replace dry well.

No well or septic issues.

(KN)

House Inv. Elev. 432.50'
 TANK Inv Elev. 431.85'
 TANK Existing Elev. 436'
 Drywell Inv Elev. 431.50'
 Existing Elev. 436'
 Elev. at top of perc. 43'

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