

9/30/80

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

03-301958

INDEXED

Tow. Keweenaw

4/2 2230

APPROVED
SEPT 30 80 RH
P 30938
A 28141

ELLICOTT CITY

DISTRICT 3rd.

DATE 9/18/80

Clarence L. Frock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 137 Houck Road, Westminster, Maryland, 21157

PHONE 876-1038

SUBDIVISION Triadelphia Farms II

ROAD

13346 ~~Triadelphia Road~~ ^{Hunt Ridge}

LOT 9A

PROPERTY OWNER Sandra E. Carlson

PHONE: 997-5516

ADDRESS 5009 West Durham Road, Columbia, Maryland 21044

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

Dry Well SEEPAPE PITS ☒ ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 85 FT. FROM back LOT LINE AND 50 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM the back lot line.

NOTE: FOR THE PURPOSE OF THESE SPECIFICATIONS THE BACK LOT LINE IS THE LINE WHICH IS 193.62 FT. LONG.

Okay to use trench off dry well to make up absorbent sidewall area in system. Leave 5 ft. earth buffer between trench and dry well. Trench to follow contour of the land.

PLANS APPROVED BY Raymond Hodges

DATE 9/26/79

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.

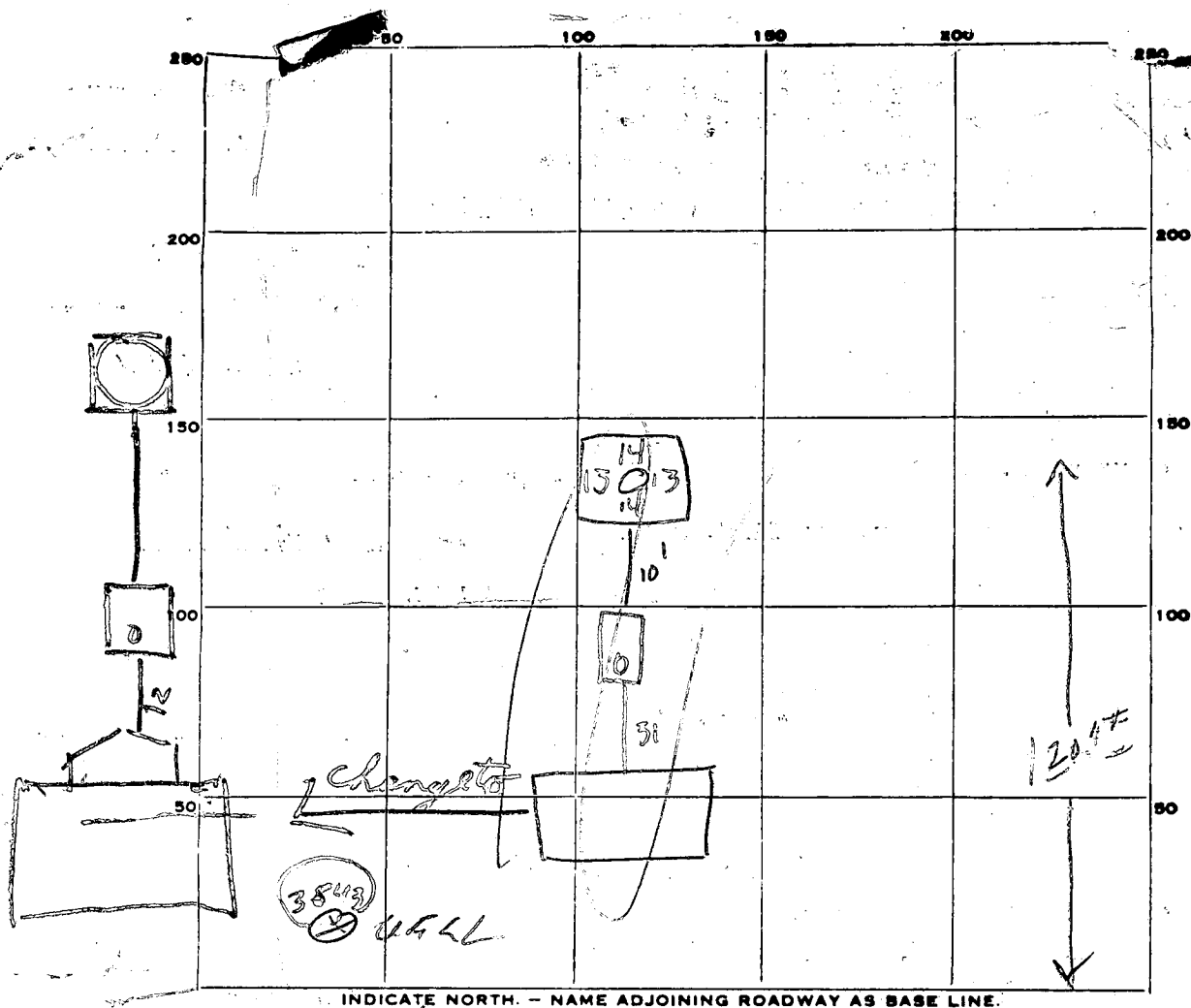
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 28141



inverted at
House
1' 6.0.9

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒

DISTRIBUTION BOX, LEVEL ☐

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 54 FT. DEPTH BELOW INLET 9' FT.

ABSORBENT AREA 486 SQ. FT.

REMARKS

9-21-80 Stop work. Dig well in wrong location
9-26-80 Move septic tank to 12' from house, keep soil
as shallow as possible to get to repair area
20' from house at 3 1/2 ft 9K
9/30/80 TANKED MOVED 12FT FROM HOUSE TOP OF
TANK ABOUT 6" BELOW GRADE

DATE SYSTEM APPROVED

9/30/80

INSPECTOR

Raymond G. Gody

APPLICATION

A 28141

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICESP.O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd

DATE 6/2/78

SEE SEPARATE SHEETS FOR SPECS

BLDG. PERMIT SIGNED
AND RETURNED 8/22/80
Serial No. 44202
Pole Barn - NoremTO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLANDBLDG. PERMIT SIGNED
AND RETURNED 4/14/80
Serial # 45868I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.PROPERTY OWNER Sandra E. Carlson
Dr. Richard HemphillADDRESS 5009 West Durham Road
Columbia, Md 21044 PHONE 997-5576

PROPERTY LOCATION:

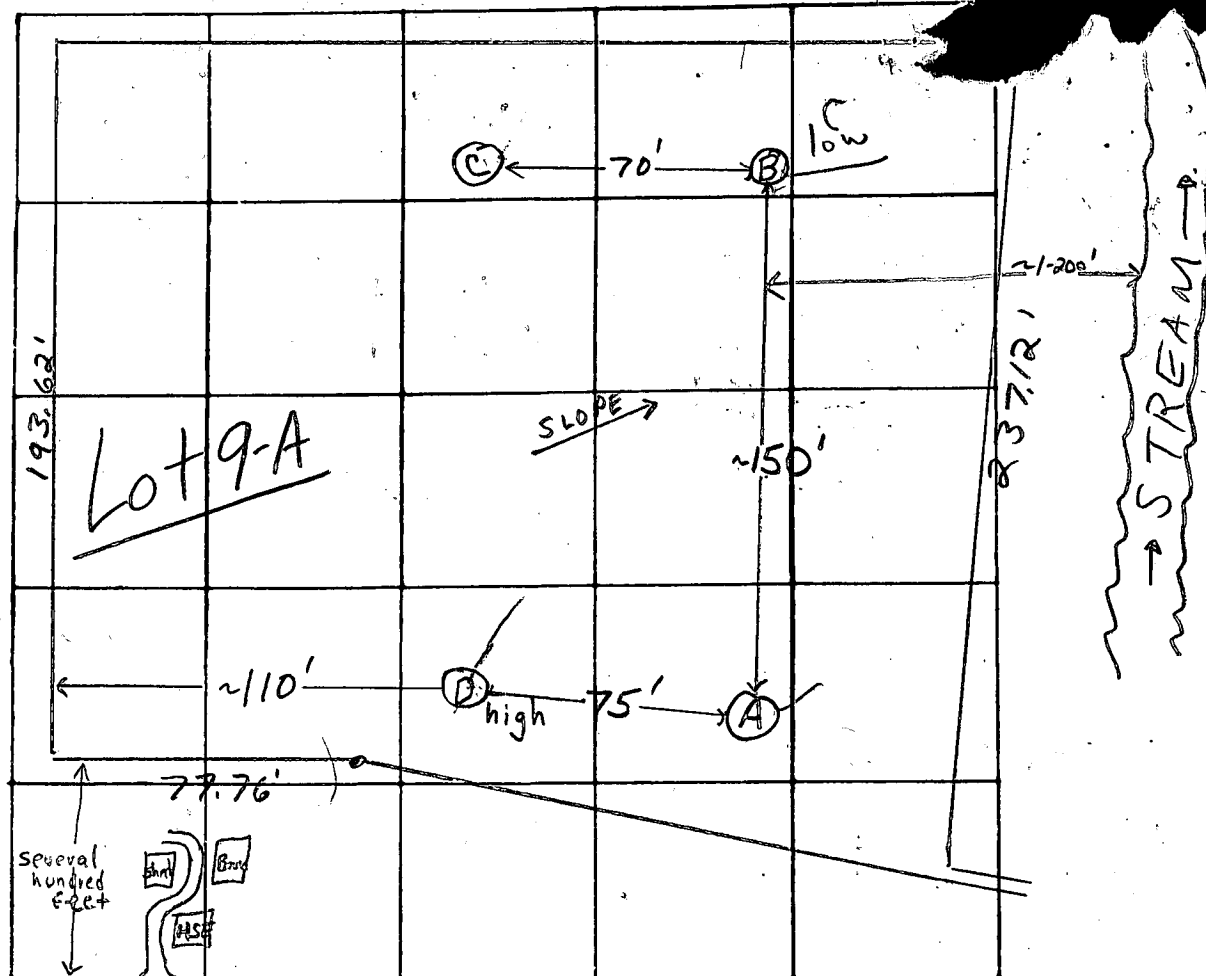
SUBDIVISION Triadelphia Farms II LOT NO. 9AROAD AND DESCRIPTION 13346
Triadelphia RoadSIZE OF LOT ? TYPE BLDG. (3) or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.SIGNATURE OF APPLICANT /s/ Dennis M. RushAPPROVED BY Raymond Hodges FOR DRY WELL DATE 12/26/79
(KIND OF SYSTEM)REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)HOLD PENDING FURTHER TESTS in wet season DATE 6/30/78REASONS FOR REJECTION OR HOLDING low area near underground water3/12/79 - PERC OK THIS YEAR BUT HOLD FOR REVIEW DANGER
OF WATER IN 1978 RH 4/26/79 PERC OK BUT CERTIFIED
HOLES SHOWING PROPER LOCATION OF SEWAGE
AREA NOT NEAR WELLS BUT NEEDED RH
4/27/78**THIS IS NOT A PERMIT**

BOENBER

SAID THIS PLAY SIGNED BY HO WHEN I WAS ON VACATION RH



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Triadelphia Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/27/78	A-1	4'	4:18	—	—	4:25	7 min
	A-2	12 1/2'	4:18	4:25	4:25	4:40	15 min
	B-1 low	3 1/2'	3:58	—	—	4:06	8 min
	B-2	13 1/2'	3:58	4:23	pulled pg 4:30	—	FAILS (near water?)
	C	12'	clayey to 3' silty loam below				
	D-1 high	4'	3:55	—	—	4:00	5 min clayey to 3'
	D-2	14 1/2'	3:55	4:02	4:02	4:16	14 min
3/9/79	1D	12	1:47	1:50	1:50	1:55	5
	1S	4	1:47	1:50	1:50	1:53	3
	2D	13 1/2	1:49	1:54	1:54	2:03	9
	2S	4 1/2	1:49	1:53	1:53	1:57	4
	3D	13 1/2	1:58	2:06	2:06	2:18	12
	3S	4	1:59	2:00	2:00	2:04	4
	4V	11 1/2	ALL SAND DRY				

REMARKS

No obs

TYPE OF SOIL

silty mica loam below top ~3' clayey soil

TESTED BY

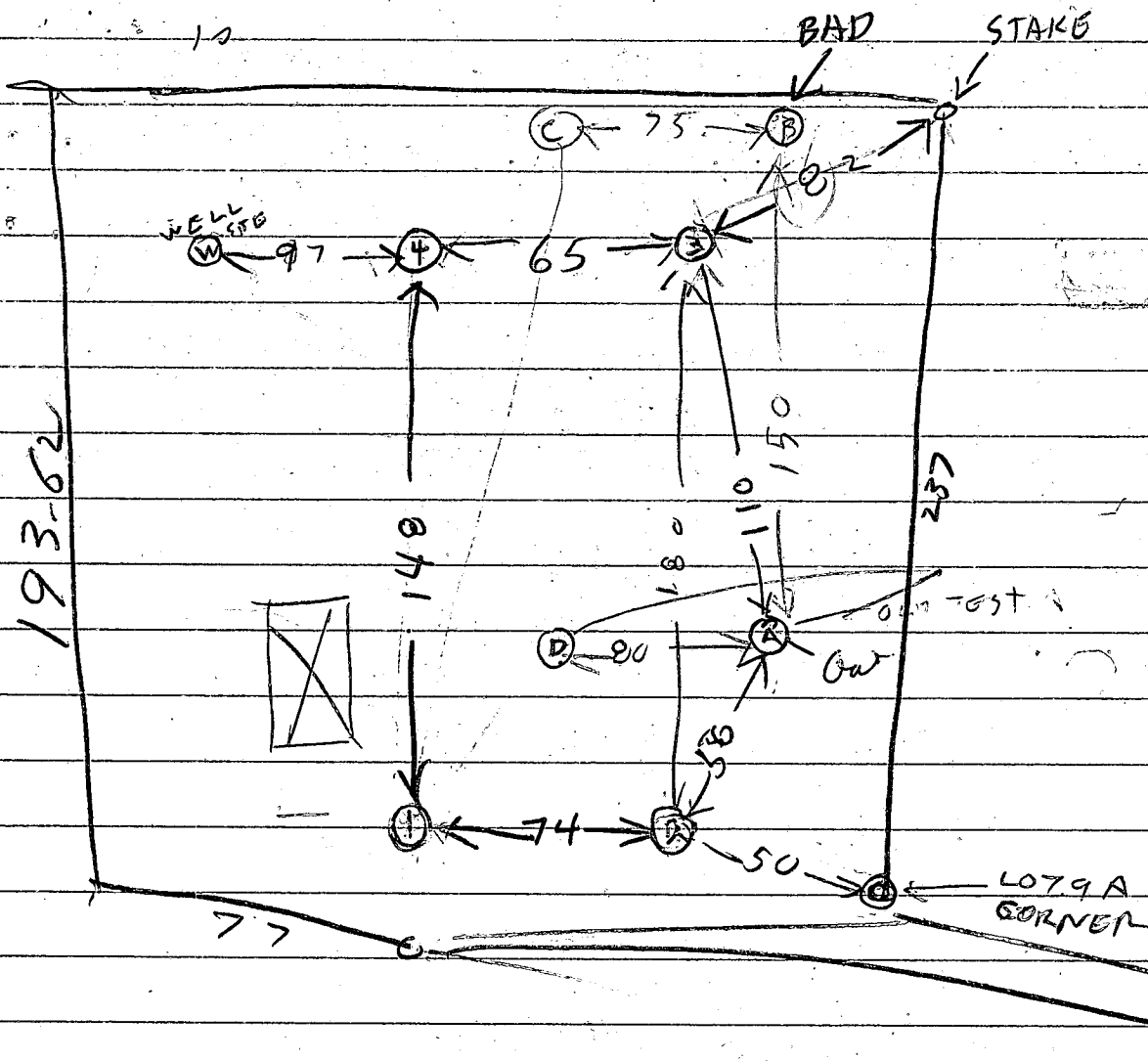
F.S.

ALSO PRESENT:

B. Hittinghouse cross J. B. B. (for 5 min)

TRIDELPHIA FARMS II

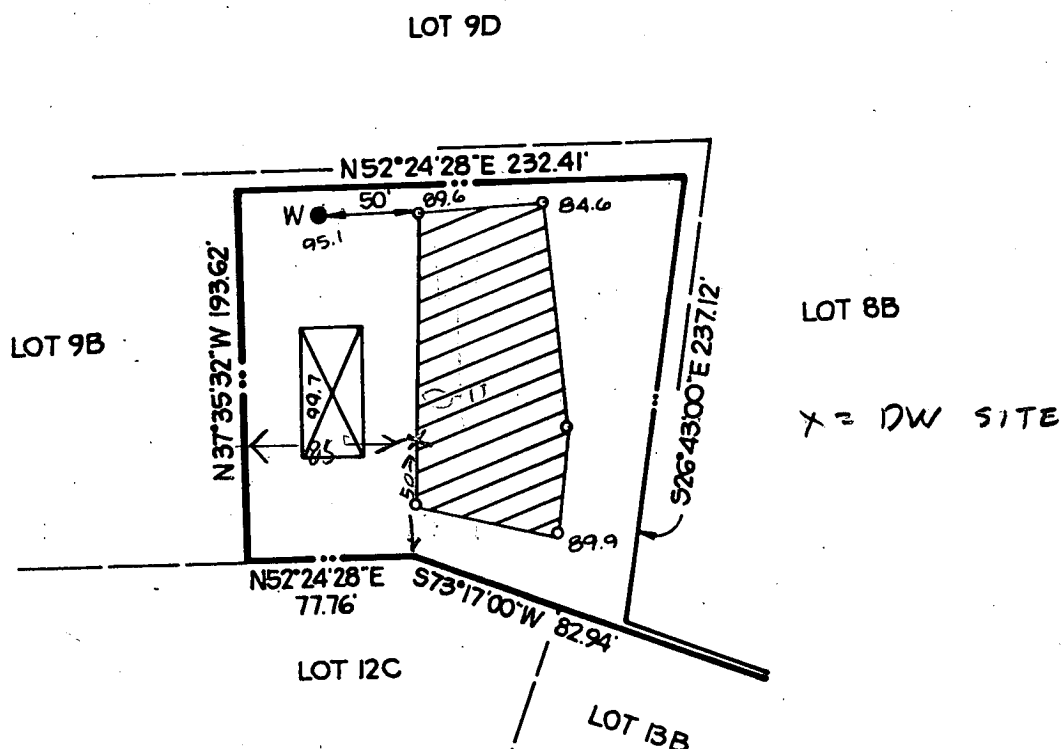
LOT 9A



 This area of approximately 10,000 sq. feet indicates a private sewage easement as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system.

Field run elevations are based on assumed data.

Percolation test holes have been field located and indicated as "o".



THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyden
COUNTY HEALTH OFFICER

DATE

4-18-79



TITLE

PERCOLATION TEST PLAT

PROJECT

TRIADELPHIA FARMS II - LOT 9A

LOCATION

3 RD ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

DATE:

MARCH, 1979

DESIGN BY:

-

DRAWN BY:

DLC.

CHECKED BY:

JAB

SCALE:

1" = 100'

JOB NO.:

77228

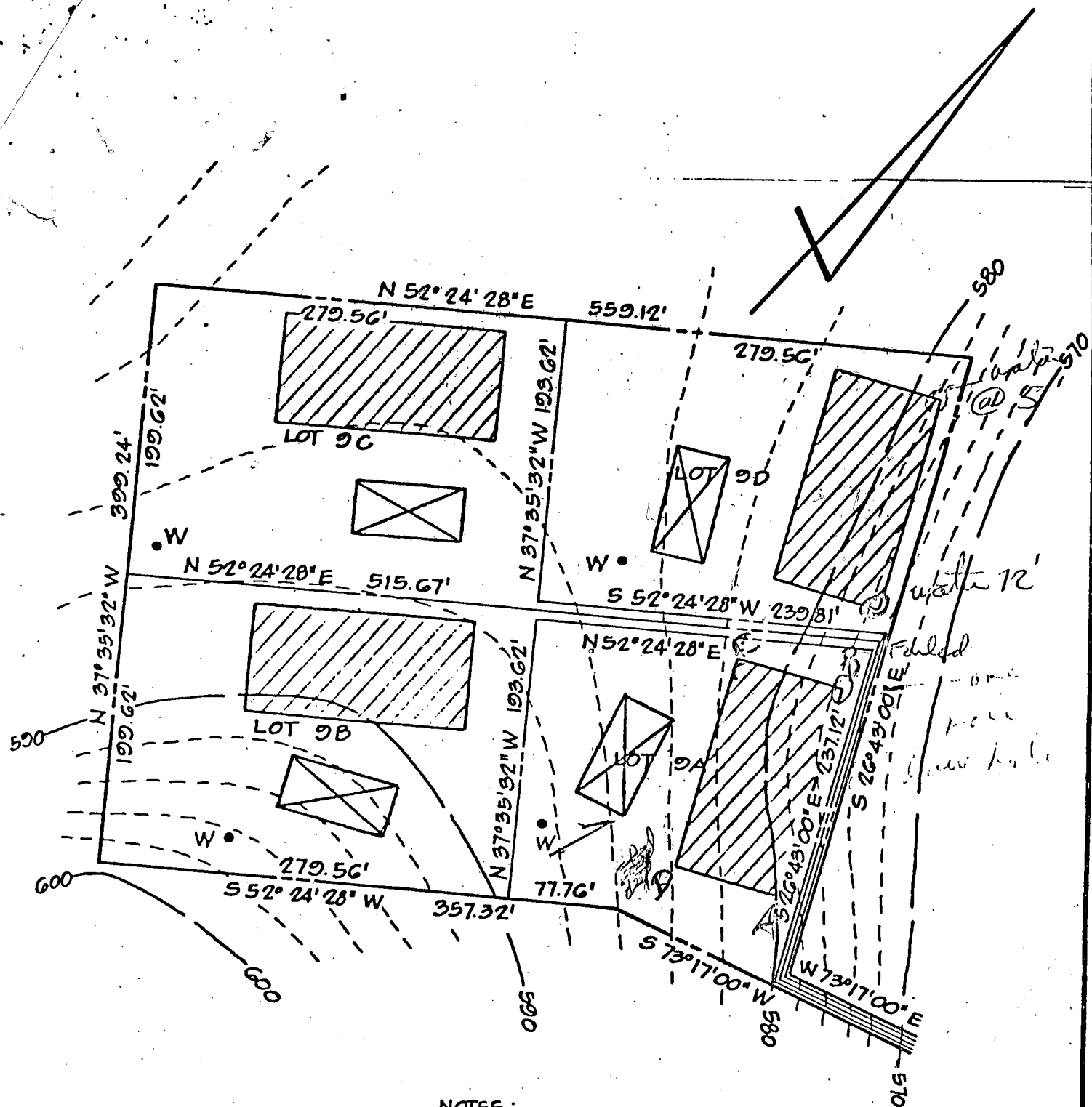
DRAWING NO.:

1 OF 1

boender associates

engineers
surveyors
planners

FALTIMORE 10 818 A BALANENE 6-77 MACALB



NOTES:

- 1. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- 2. PERCOLATION TEST HOLES HAVE BEEN FIELD LOCATED.
- 3. TOPO SHOWN HEREON IS BASED ON U.S.G.S. TOPOGRAPHIC SURVEY MAPS.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER

TITLE PERCOLATION TEST PLAT			
PROJECT TRIADELPHIA FARMS-SECT. 2- LOTS 9A, B, C, AND D			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: APRIL, 1978	DESIGN BY: -	DRAWN BY: J.J.B.	CHECKED BY: -
SCALE: 1" = 100'	JOB NO.: 77228	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

B 1	5554	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 <i>HO-73 3543</i> FILL IN THIS FORM COMPLETELY
-----	------	--------------------------------	--	--

DATE RECEIVED (WRA USE ONLY) <i>2/1/80</i> <i>1:30 p.m.</i>	OWNER COL 15 LAST NAME <i>MAWEE</i> FIRST NAME <i>MAWEE</i> COL. 34
STREET OR RFD COL 36 <i>11111</i>	COL. 55
POST OFFICE COL 57 <i>11111</i>	COL. 76

B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE <i>Dec 13 1979</i>	LICENSE NUMBER <i>212</i> 77 80	
FIRST NAME <i>Ralph</i>	DRILLER LAST NAME <i>MAWEE</i>	
SIGNATURE <i>Ralph Mawee</i>		

B 2	WELL INFORMATION
1 2 3 (SEQ. NO.) 6	
MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <i>5</i>	8 12
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <i>500</i>	14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)	
☒ D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)	
☐ F FARMING, AGRICULTURE, IRRIGATION	
☐ I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.	
☐ M MUNICIPAL WATER SUPPLY	} MUST HAVE STATE HEALTH DEPT. APPROVAL
☐ P PRIVATE WATER COMPANY	
☐ T TEST	

APPROXIMATE DEPTH OF WELL *150* FEETAPPROXIMATE DIAMETER OF WELL *6* (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)	
☒ BORED (OR AUGERED)	☐ JETTED
☐ 30-37 AIR-ROTARY	☐ AIR-PERCUSSION
☐ CABLE	☐ REVERSE-ROTARY
☐ OTHER (DESCRIBE)	

REPLACEMENT OR DEEPEENED WELLS (CIRCLE APPROPRIATE BOX)	
☒ N THIS WELL WILL NOT REPLACE AN EXISTING WELL	
☐ Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED	
☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY	
☐ D THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE)	

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER <i>54</i>	ENGINEER REVIEW DISTRICT NO. <i>63</i>
FORCE <i>67 68</i>	CONDITIONS <i>70 71 72 73 74 75 76 77 78 79</i>

B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		
41	☒ STATE HEALTH (CIRCLE BOX)	COUNTY NAME <i>Howard</i> COUNTY NO. <i>A20141</i>
DATE <i>12 26 79</i>	APPROVED BY <i>Ronald H. ...</i>	

B 5	SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6	

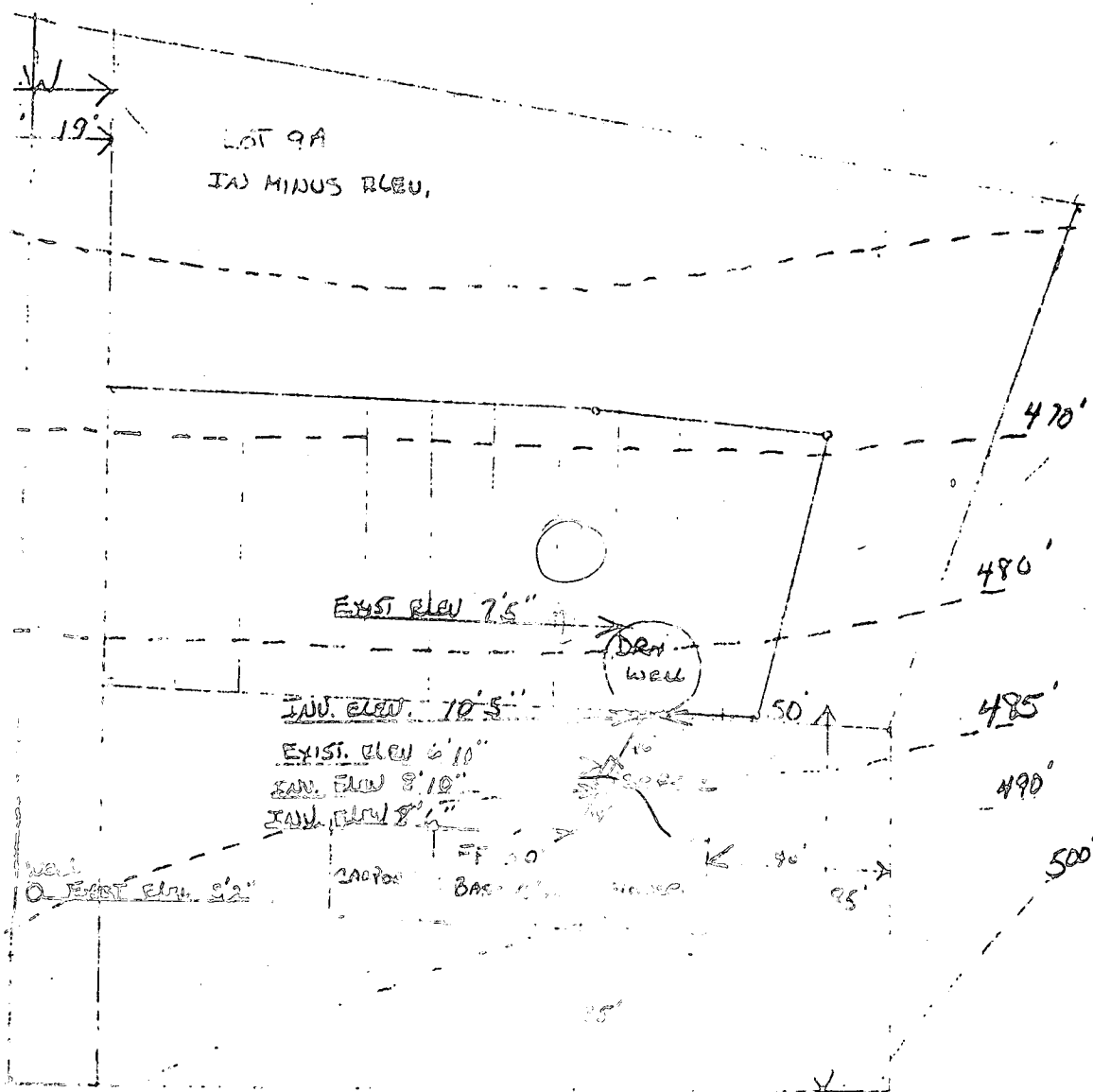
B 3	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6	
COUNTY <i>TRINITY</i>	(DO NOT ABBREVIATE COUNTY NAME) 21
SUBDIVISION <i>23</i>	42
SECTION <i>44</i>	46
LOT <i>48</i>	50
NEAREST TOWN <i>GLADEL</i>	71
MILES FROM TOWN (ENTER 0 IF IN TOWN)	76 77 78

B 4	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)		
1 2 3 (SEQ. NO.) 6			
☒ N NORTH	☒ E EAST	☒ NE NORTHEAST	☒ SE SOUTHEAST
☐ S SOUTH	☐ W WEST	☐ NW NORTHWEST	☐ SW SOUTHWEST
NEAR WHAT ROAD <i>11</i>	NORTH <i>32</i>	SOUTH <i>32</i>	EAST <i>32</i>
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	☒ N	☐ S	☐ E
DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX)	<i>34</i>	<i>37</i>	<i>38 39</i>

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.

N ↑	42'-casing 2'-Alloy 37'-open 12'-Bag cement 2/1/80
BOX NUMBER E <i>520</i> N <i>520</i>	0/5 5/5
NORTH COORDINATE <i>50 51 52 53 54 55</i>	
EAST COORDINATE <i>57 58 59 60 61 62 63</i>	
ELEVATION AT WELL HEAD (FEET) <i>65 66 67 68</i>	0/0 5/0

4/14/80 LWS OK



I certify the above measurements
correct for the property
and elevation are actual
Thomas Keasone

August 22, 1980

Ms. Sandra Carlson
5009 West Durham Road
Columbia, Maryland 21044

Dear Ms. Carlson:

This office has approved the building permit application #44202 to erect a pole building for horses. Please be advised that this structure must be at least 300 feet removed from any dwellings (except both yours and Ms. Miller's).

Very truly yours,

A handwritten signature in dark ink, appearing to read "F. A. S.", written in a cursive style.

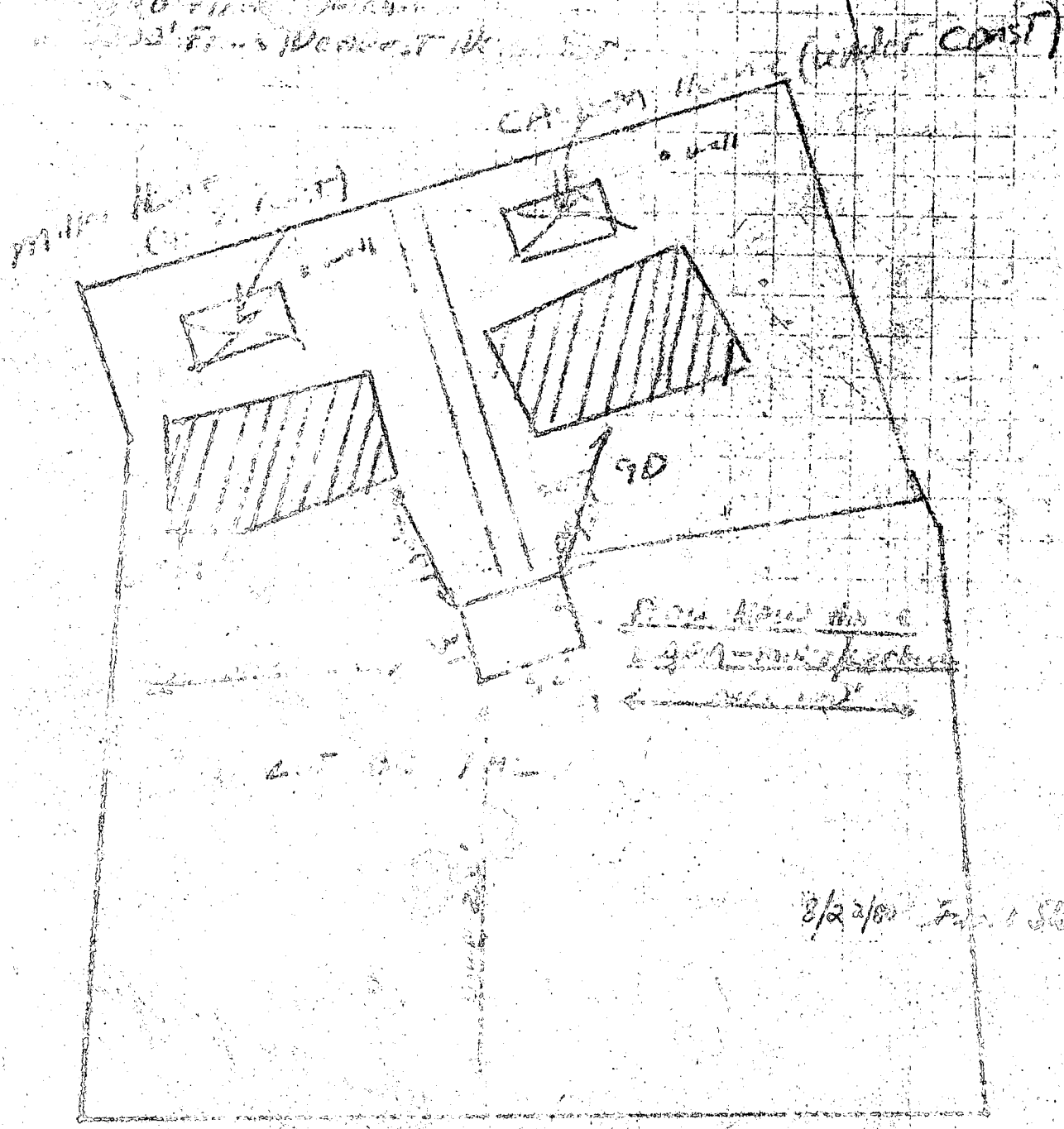
Frank A. Skinner
Sanitarian

FAS:hs

PLOT PLAN

Note:

Proposed house to be
 20' x 30' with 10' porch
 20' x 30' with 10' porch
 20' x 30' with 10' porch
 20' x 30' with 10' porch



100' 10' 10'

8/22/80

8/22/80 No proposed house
 or existing houses on adjacent
 properties or within 300 ft
 of proposed house site

C 1		1278		SEQUENCE NO. (WRA USE ONLY)		STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT				THIS REPORT MUST BE SUBMITTED WITH- IN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETELY COUNTY NUMBER <u>M48-191</u>			
DATE RECEIVED (WRA USE ONLY)		Feb 1, 1980		DATE WELL COMPLETED		DEPTH OF WELL		305		PERMIT NO. FROM "PERMIT TO DRILL WELL"		H0-73-3543	
8-13		15		20		22 (TO NEAREST FOOT)		26		28 29 30 31 32 33 34 35 36 37		273	
OWNER		MOORE		Edward T		STREET OR RFD		3109 PAULSKIRK DR		POST OFFICE		ELL. CITY MD	
WELL DESCRIPTION													
WELL LOG				GROUTING RECORD									
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX)									
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)				YES ☒ Y NO ☐ N									
FEET				TYPE OF GROUTING MATERIAL (CIRCLE BOX)									
FROM TO				CEMENT ☒ CM BENTONITE CLAY ☐ BC									
CHECK IF WATER BEARING				NO. OF BAGS <u>12</u> NO. OF POUNDS <u>1200</u>									
Top So. L 0 2				GALLONS OF WATER <u>72</u>									
Sandy 2 37				DEPTH OF GROUT SEAL (TO NEAREST FOOT)									
Sand Stone 37 45 ✓				FROM <u>0</u> FT. TO <u>37</u> MEASURED									
Mickn 45 50				Casing RECORD									
Sand Stone 50 55 ✓				INSERT APPROPRIATE CODE BELOW									
Mickn 55 305				STEEL ☒ ST CONCRETE ☐ CO									
				PLASTIC ☐ PL OTHER ☐ OT									
				MAIN CASING TYPE ☒ S+ NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) <u>6</u> TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) <u>42</u>									
				OTHER CASING (IF USED)									
				DIA. (INCH) _____ DEPTH (FEET) FROM _____ TO _____									
				SCREEN TYPE OR OPEN HOLE									
				STEEL ☐ ST BRASS OR BRONZE ☐ BR OPEN HOLE ☒ HO									
				PLASTIC ☐ PL OTHER ☐ OT									
				C 2 (SEQ. NO.)									
				DEPTH (NEAREST WHOLE FOOT)									
				FROM <u>40</u> TO <u>305</u>									
				EACH SCREEN									
				23 24 26 30 32 36									
				38 39 41 45 47 51									
				SLOT SIZE 1. _____ 2. _____ 3. _____									
				DIA. OF SCREEN _____ (NEAREST INCH)									
				FROM _____ TO _____									
				GRAVEL PACK _____									
				IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX ☐ F									
				WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)									
				TELESCOPE CASING ☐ T LOG INDICATOR ☐ W 72 74 75 76 OTHER DATA AVAILABLE									
CIRCLE APPROPRIATE BOXES				PUMPING TEST									
☐ A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED				HOURS PUMPED (TO NEAREST HOUR) <u>6</u>									
☐ E ELECTRIC LOG OBTAINED				PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) <u>2</u>									
☐ P TEST WELL CONVERTED TO PRODUCTION WELL				METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>									
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.				WATER LEVEL: (DISTANCE FROM LAND SURFACE)									
DRILLERS NAME				BEFORE PUMPING <u>35</u> (NEAREST FOOT)									
(PLEASE PRINT) <u>Ralph MAYNE</u>				WHEN PUMPING <u>305</u> (NEAREST FOOT)									
SIGNATURE <u>Ralph Mayne</u>				TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)									
				A ☒ AIR P ☐ PISTON T ☐ TURBINE									
				C ☐ CENTRIFUGAL R ☐ ROTARY O ☐ OTHER (DESCRIBE BELOW)									
				J ☐ JET S ☐ 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 ☐ Y NO ☒ N									
				CAPACITY:									
				GALLONS PER MINUTE (TO NEAREST GALLON) <u>31</u> <u>35</u>									
				PUMP HORSE POWER <u>37</u> <u>41</u>									
				PUMP COLUMN LENGTH (NEAREST FOOT) <u>43</u> <u>47</u>									
				CASING HEIGHT (CIRCLE APPROPRIATE BOX, AND ENTER CASING HEIGHT)									
				+ ABOVE } LAND SURFACE (NEAREST FOOT) <u>2</u>									
				- BELOW }									
				LOCATION OF WELL ON LOT									
				SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).									
				Road									
				200'									
				5/20'									
				well									