

12020-02-207931

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48101

A REPAIR

DISTRICT _____

DATE 5/2/92

DATE SYSTEM APPROVED 5/13/92

INSPECTOR CW

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Clement G. Scheper _____ IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 2030 Liberty Road, Suite 124, Eldersburg, MD PHONE 461-5880

SUBDIVISION _____ LOT _____ ROAD 3170 Boone's Lane

PROPERTY OWNER David Johnson

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS EX.

NUMBER OF BEDROOMS 3

150 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.

Call for inspection when ground is opened so sanitarian can recommend repair. 5/11/92

20' x 22' LEACHING BED, INLET 2 1/2', BOTTOM 4 1/2', 2" STONE
W/SPEED LEVELERS ON BOTH OUTLETS ON D.B.; USAGE TO
BE ALTERNATED YEARLY BETWEEN BEDS

PLANS APPROVED BY M. Ripkin DATE 5/11/92

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

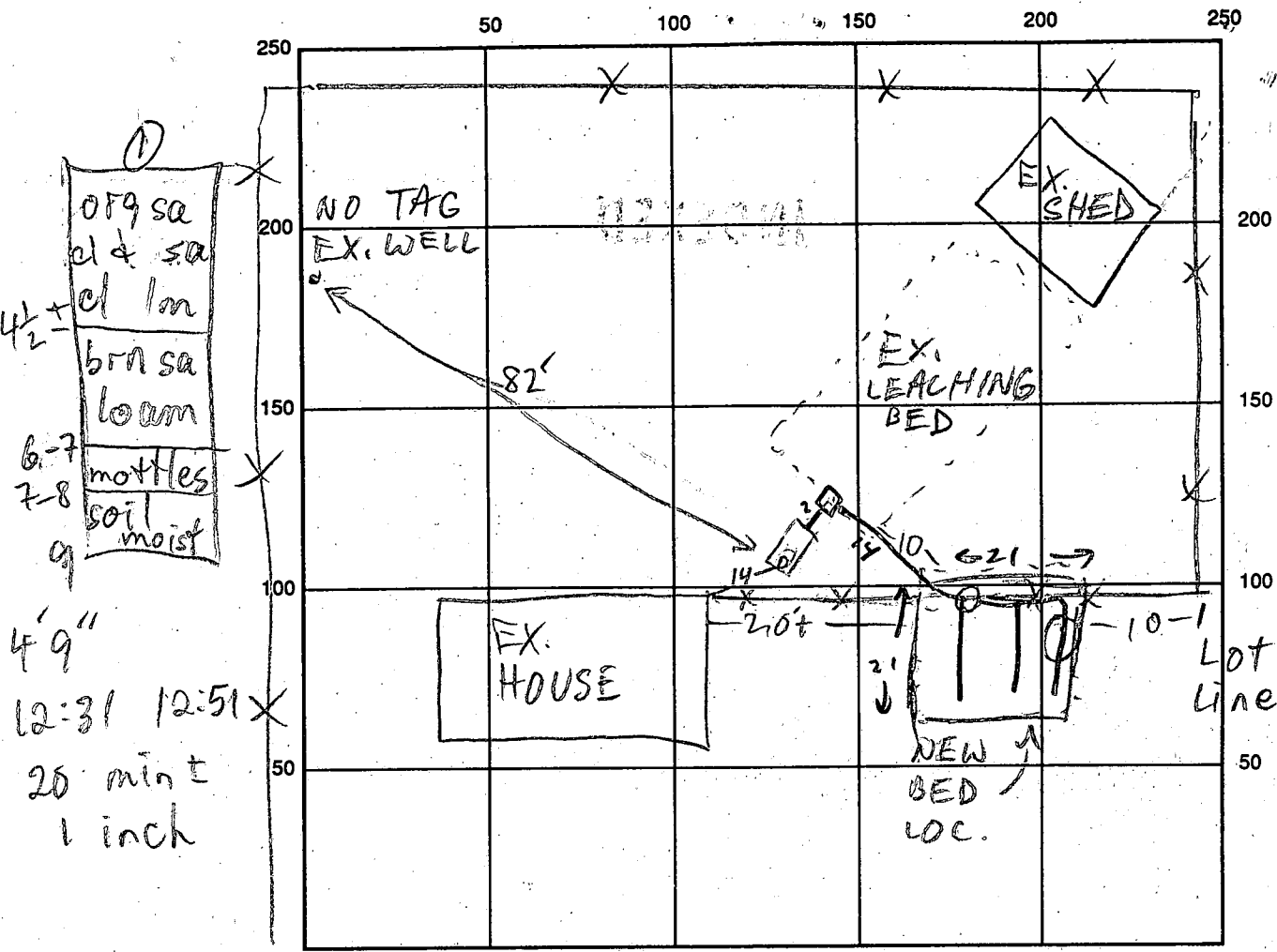
PERMIT VOID AFTER TWO YEARS

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**

48101



BOONE'S LA. INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL EX. 1000 GAL - OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL

LEACHING BED DRAIN FIELD/TITLE DEPTH 4 1/2 FT. L. BED TRENCH WIDTH 21 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. L. BED TOTAL LENGTH 21 FT.

NUMBER OF ^{LINES} TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 441 SQ. FT. 21

DRYWALL INSIDE DIAMETER 7 FT. EFFECTIVE DEPTH BELOW INLET — FT. 21

ABSORBENT AREA 441 SQ. FT.

REMARKS: 5/11/92 OK TO START SYSTEM

5/13/92 LEACHING BED 21x21 INSTALLED.

*EXISTING SYSTEM TAKEN OUT OF SERVICE, DISTRIBUTION BOX SET SO SERVICE CAN BE RESTORED WHEN NEEDED. C.W.

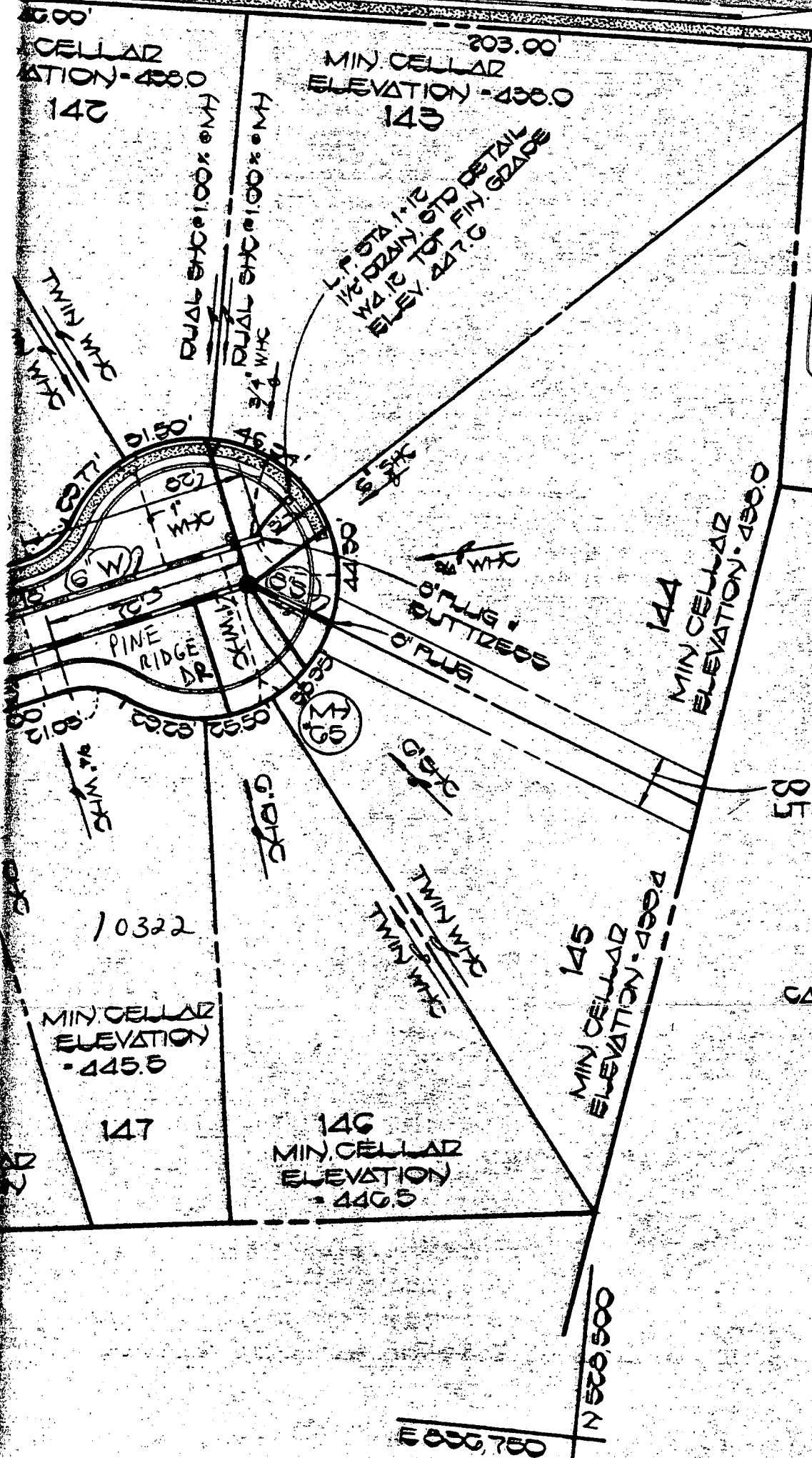
DATE SYSTEM APPROVED 5/13/92 INSPECTOR C. Willner

Contract #

24-1541-D

Draw. 3

BOONE'S LA.



Property of
HERMAN FERGUSON
503 / 699
T.M. 17 P. 534

20' SEWED AND
UTILITY EASEMENT

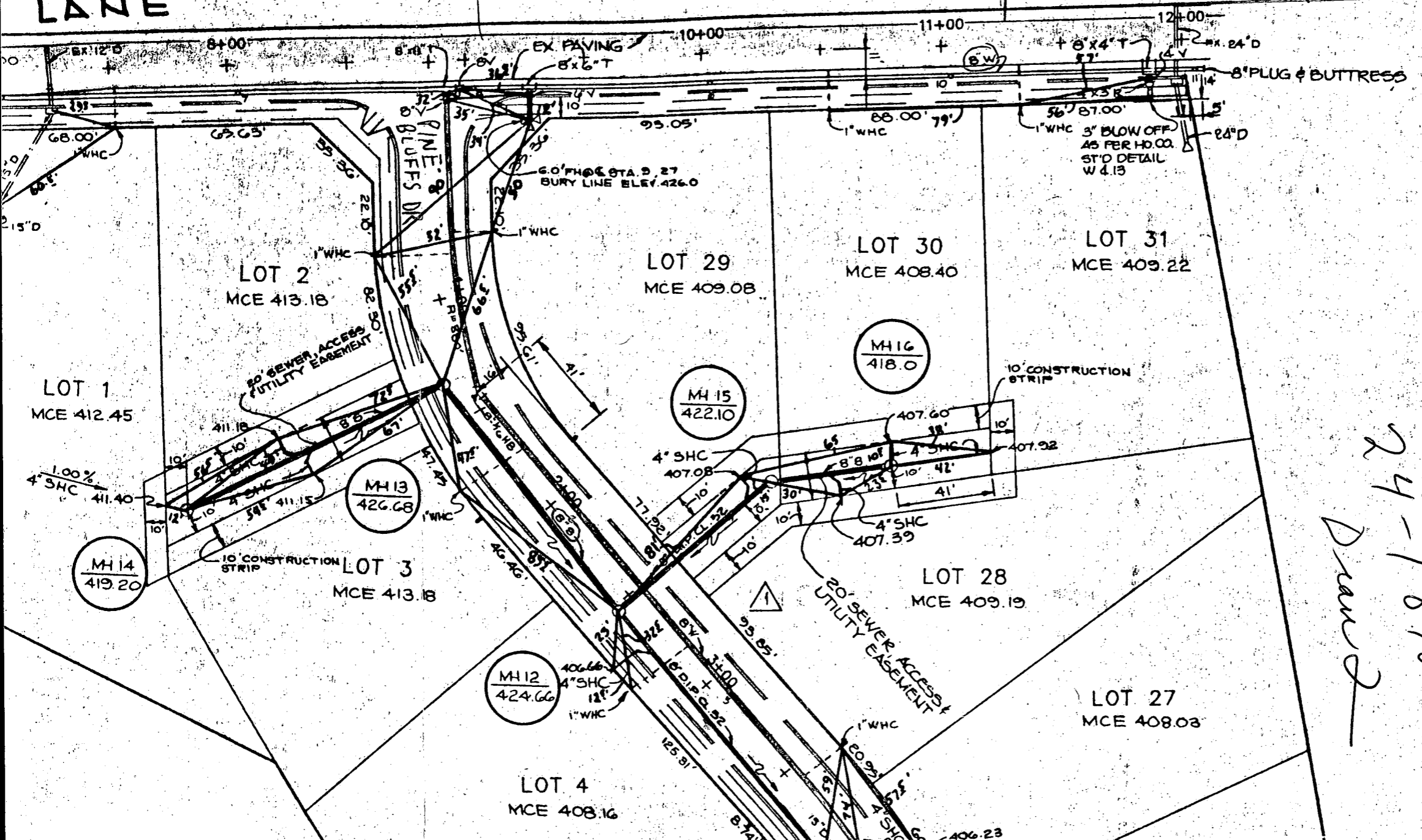
Property of
CARLEE M. JONES
188 / 288
T.M. 17 P. 123

E 836,750

N 570,250

BOONE'S LANE

3170 Boone's Ln D. Johnson



Contract # 24-1848-D
Dawson

E 837
N 528250

135 sales
C. Williams

ok/c.w.
~~SYSTEM PERMIT~~
P 36089

PERMIT

A 12597

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

ELLICOTT CITY

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH

DISTRICT 2nd

~~992-2330~~

INDEXED

DATE 10/10/85

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE 988-9270

SUBDIVISION _____ ROAD 3170 Boone's Lane LOT Parcel 539

PROPERTY OWNER David & Marie Johnson ~~Jack Hartner~~ 531 ~~2080~~ Tax Map 17

ADDRESS ~~Keith Wahl~~

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

LEACHING BED

~~TRENCHES~~ - 158 sq. ft. per bedroom Leaching Bed 12' x 40'. Inlet 2 1/2 feet below original grade. Bottom maximum depth 4 1/2 feet below original grade. Effective area begins at 2 1/2 feet below original grade. 2 feet of stone below distribution pipe. LOCATION: Start corner of leaching bed 40 feet from right lot line and 45 feet from rear lot line. Run bed along contour toward right rear corner of property. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED

AND RETURNED 7/5/91
Keith Wahl - Plot above ground

PLANS APPROVED BY C. Williams DATE 10/09/85

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. BLDG. PERMIT SIGNED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS. AND RETURNED 11-4-88

PERMIT VOID AFTER THREE YEARS.

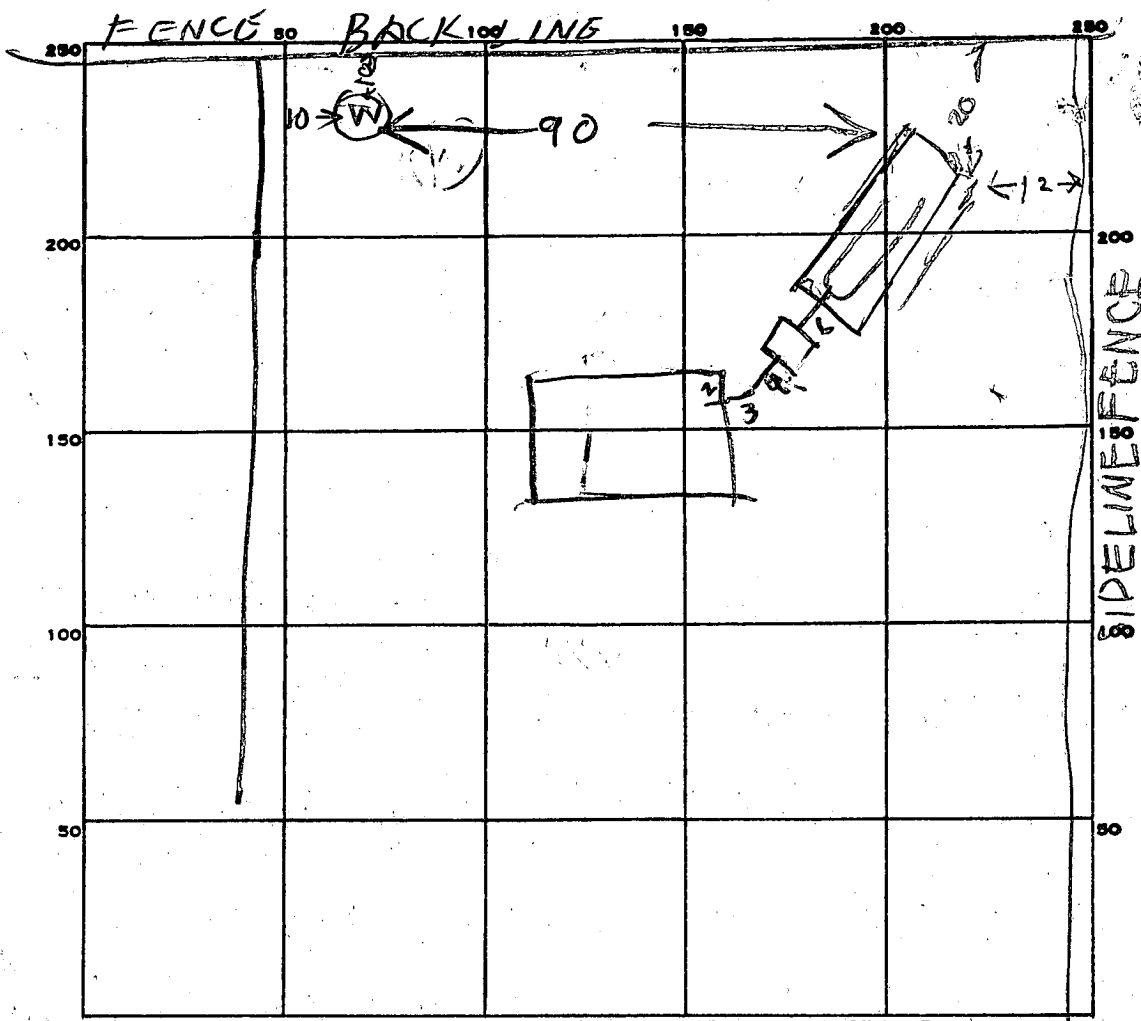
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL ~~992-2330~~ FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 12597



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 100

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 4-6 FT. TRENCH WIDTH 12 FT.

GRAVEL DEPTH 2 FT IN. TOTAL LENGTH 40 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 480

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

ABSORBENT AREA _____ SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 12/9/85 INSPECTOR Raymond Hodge

41

3
2

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 12597
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT _____

DATE 8/22/85

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 JACK HARTNER
~~Herman H. Ferguson Property~~

ADDRESS _____ PHONE Jack Hartner - 531-2080

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Boone's Lane

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY C. Will FOR SHALLOW SYSTEM DATE 9/11/85

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS C. Will DATE 8/27/85

REASONS FOR REJECTION OR HOLDING WET SEASON TEST REQUIRED / PENDING
REVIEW OF PREVIOUS TEST RESULTS. CW BLDG. PERMIT SIGNED AND RETURNED 11-4-88

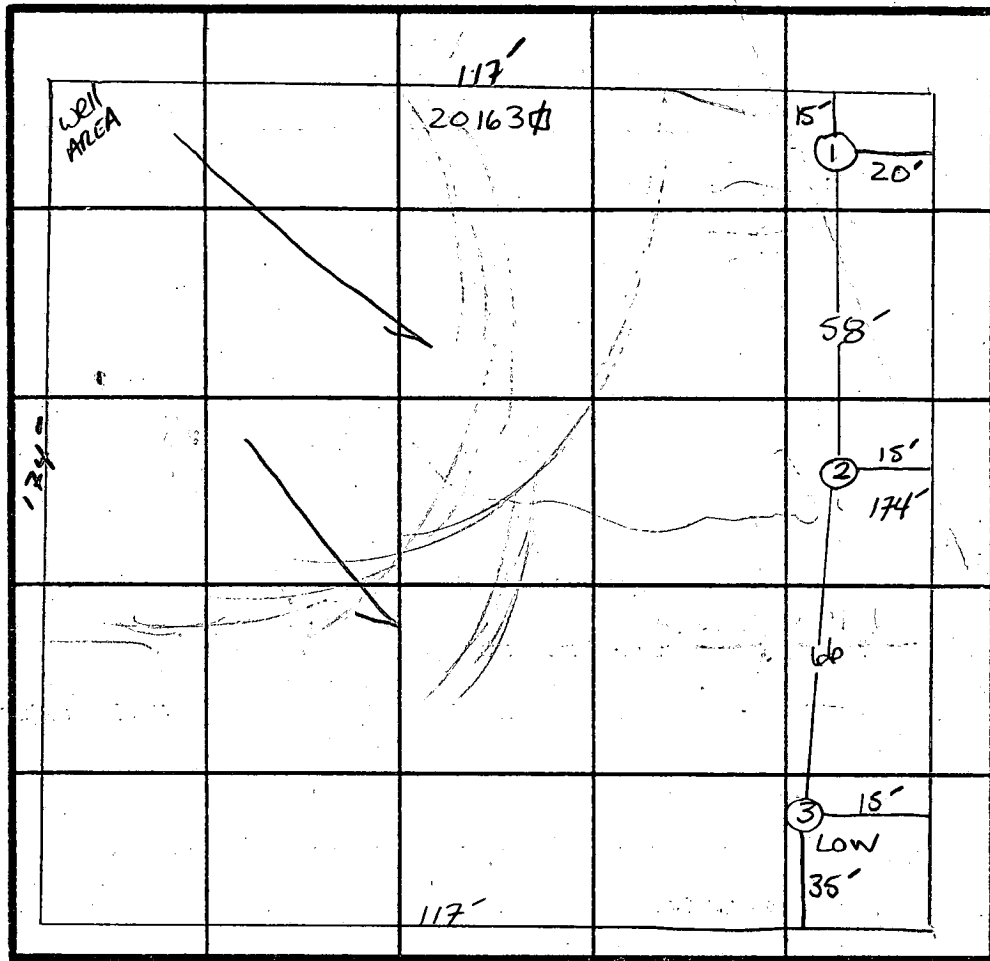
HARTNER WILL REVISE PLAT & RESUBMIT 9/4/85 CW

B.P. 67682

THIS IS NOT A PERMIT

① SOIL PROFILE

0"	AP
9"	Brown yellow CLAY LOAM 10-20% SAPROLITE
3'	BROWN TAN SAND LOAM 10% SAPROLITE
12"	



Tim LACEY
992-2411

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BOONE'S LANE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/22/85	1 S V	4.5' 12'	1:43	1:44	1:44	1:46	2min
	2 S V	5'	1:50	1:53	1:53	2:02	9min
	3 V	12'	WATER AT 11FE		MOTTLES AT 8.5-9'		
	RECORDS OF PREVIOUS PERCS IN CENTER OF THIS LOT WERE REVIEWED PRIOR TO THIS PERC, BUT ARE MISSING AT THIS TIME (MISFILED?)						
	POSITIVE DECISION BASED ON: RECOLLECTION THAT PERCS IN MIDDLE OF LOT WERE ACCEPTABLE						
	WET SEASON TEST REPORT						

REMARKS: SYN. WATER & SEWER PLAN FOR BOONE'S LANE; IF APPROVED SYSTEM FIRST, RECOMMEND LEACHING BED SHALLOW BOTTOM AT 3FE-4FE MAX
TYPE OF SOIL _____

TESTED BY S. Abel JAK, SKIP, MR. HARTNER
ALSO PRESENT _____

A boundary plat signed by Reg. Comr.

APPLICATION

A 12599
P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

750 Gallon ELLICOTT CITY

Tile Field - 300 sq ft bottom area installed / no deeper than 4 FT below grade. Use 3 trenches. DATE 4-15-67

Each 35 ft long & 3 FT wide. Place the first trench 40 ft from the front lot line running parallel to the road and 10 ft to 50 ft from the left side of the lot as seen when facing the lot from Boones Lane.

Place the 2nd trench 80 ft from the front lot line parallel to Rd & 10 to 50 ft from left side of lot. Place 3rd trench 3 ft from front lot line & 10 to 50 ft from left side as seen when facing the lot from Boones Lane.

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 LOUIS COOK (MRS) left side as seen when facing lot from Boones Lane
ADDRESS Boones Lane Ellicott City MD PHONE HO-5-6055

PROPERTY LOCATION: Boones Lane
SUBDIVISION: parallel to Boones Lane

ROAD AND DESCRIPTION Boones Lane - 1/4 mi.

OCCUPANT Etta Cook PHONE _____
near on mail box just beyond street

PERSON TO CONSTRUCT SYSTEM _____
ADDRESS _____ PHONE _____

SIZE OF LOT 117' X 174.33' X 117' X 170.38' TYPE BLDG. Do Not Know AT PRESENT TIME
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT HERMAN H. FERGUSON

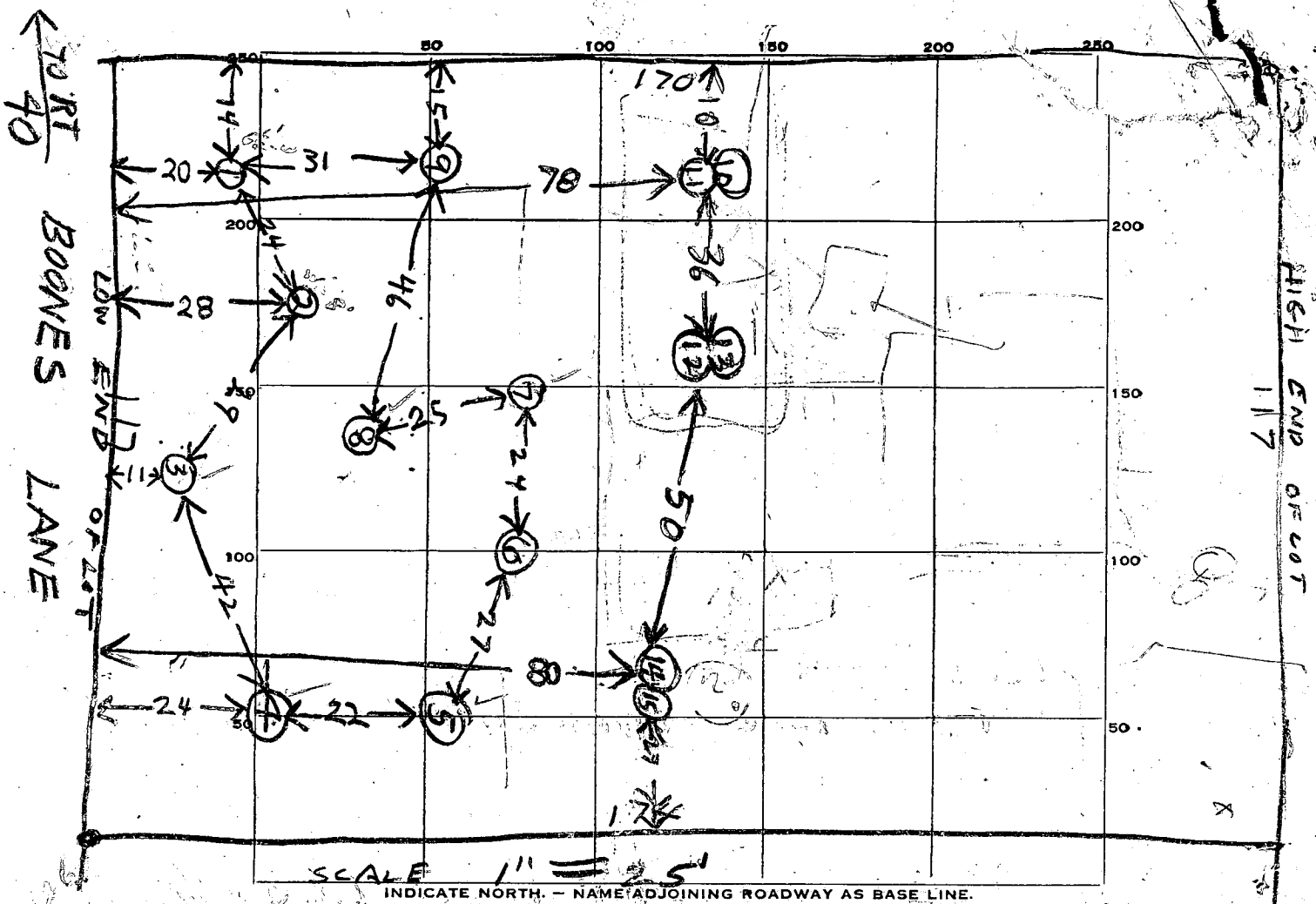
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS BH DATE _____

REASONS FOR REJECTION OR HOLDING 5/2/67 - inadequate water. Don't accept any more appointments for this test. This is water available to lot. I cannot see if it is possible to

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/26/67	1	7	UNDERGROUND WATER 5 1/2 FT FROM GRADE					
	2	9 1/2	UNDERGROUND WATER 8 FT FROM GRADE					
	3	3	1007	1012	1012	1023	11	
	4	4	1015	1019	1019	1028	9	
	5	4	1026	1028	1028	1031	3	
	6	4	1038	1122	1st inch 1/2 min			
	7	3 1/2	1051	1103	1103	1132	29	
	8	3 1/2	1059	1109	1109	1121	12	
	9	3 1/2	1114	1129	1129	1143	14	

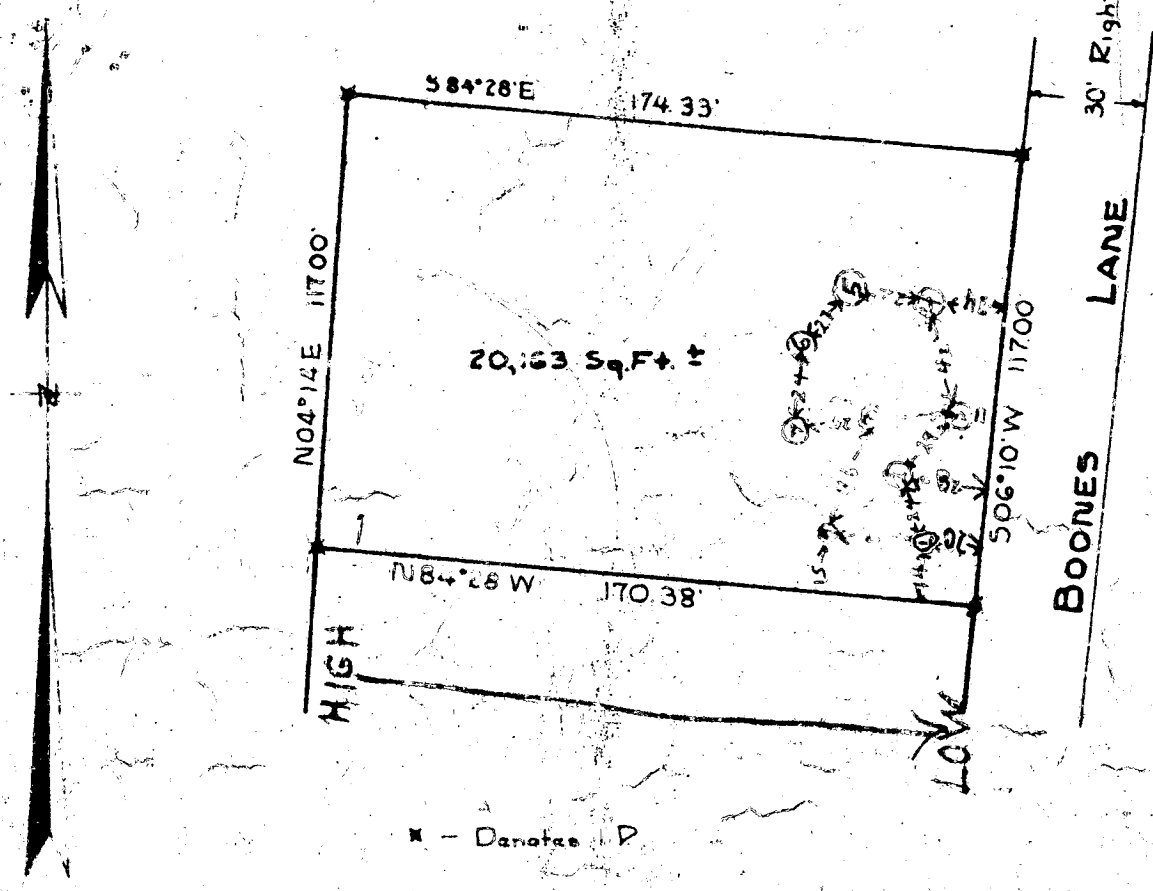
SOIL AUGER FINDING _____

TESTED BY B. Hodges

REMARKS _____

ALSO PRESENT - Hummer H. Jergensen

90
12/12/67
5/26/67
8/15/67



PLAT OF SURVEY FOR LOUIS COOK

SECOND ELECTION DISTRICT OF HOWARD COUNTY
ELLICOTT CITY, MARYLAND

SCALE: 1" = 50'

OCT. 26, 1957

Claude M. Skinner Jr.

Claude M. Skinner Jr. - Reg Engr. & Land Surveyor - No 2237

May 31, 1967

Mrs. Louis Cook
Boones Lane
Ellicott City, Maryland

Dear Mrs. Cook:

On May 26, 1967, we ran percolation tests on your property on Boones Lane, $\frac{1}{4}$ mile from Route 40. The water table on the front of the lot is too high to permit the installation of any type of sewage system. The underground water level must be a sufficient distance below the bottom of the sewage disposal system. If you had city water on this property, I would recommend that you dig additional holes on the back of the lot. But now a well is needed. The well would have to go on the back of this lot because the well should be higher than the sewage system. The back of the lot is higher than the front of the lot. The lot is too narrow to permit the installation of a sewage system and a well on the back of the lot. It would not be possible to maintain a sufficient distance between the well and the sewage system if both were installed on the rear of the property.

Therefore, two conditions must be met before a building permit can be released for this lot:

- (1) City water must be available.
- (2) Adequate percolation of the soil at a sufficient distance above the water level must be found on the rear of the lot.

If you have any questions, call me, HO 5-5000, Ext. 57, between Monday and Friday, 8:30 to 9:00 A.M., or 3:30 to 4:30 P.M.

Very truly yours,

Raymond Hodges

Raymond Hodges,
Sanitarian

RH: jr

APPLICATION

A 12597

SEWAGE DISPOSAL TESTING

P _____

See page 1

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

OR

ELLICOTT CITY

DISTRICT _____

DATE _____

Dry Well - 300 sqft sidewalk area below the inlet with a maximum depth of 8 FT below grade as the grade was at time of Percolation Test. Place the dry well 15 ft to 35 ft from the left side of the lot as seen when facing the lot from Boonesta

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

and 70 ft to 90 ft from the

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

PROPERTY OWNER Louis Cook Use a 12 FT diameter

ADDRESS Boonesta Lane 15 FT on each side. Fill the

PROPERTY LOCATION: space between the dirt wall & outside of curbside Ring

SUBDIVISION with gravel

ROAD AND DESCRIPTION Boonesta Lane 1/4 mile from Rt 40 on Left next to Etta Cook

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT _____ TYPE BLDG. 3 NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE, DESCRIBE _____

SIGNATURE OF APPLICANT _____

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

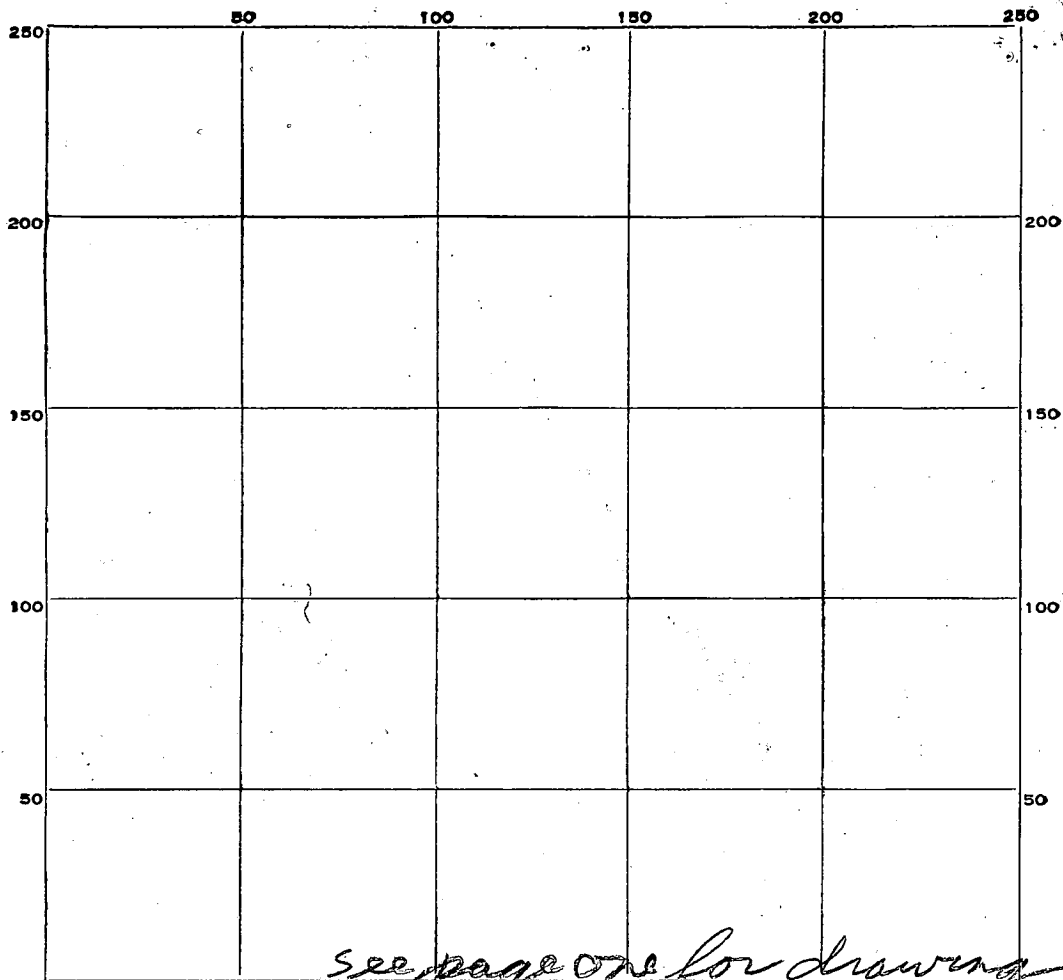
REJECTED BY _____ FOR _____ (KIND OF SYSTEM) DATE _____

HOLD PENDING FURTHER TESTS BN DATE 10/18/67

REASONS FOR REJECTION OR HOLDING 10/18/67 - hold for Review

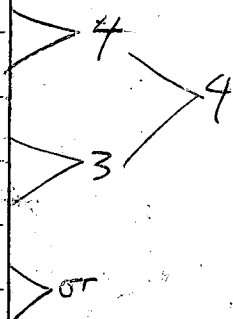
10/11/67 System must be installed & approved before building permit is issued

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/9/67	10	9	136	141	141	147	6
	11	4	143	144	144	146	2
	12	9	150	153	153	156	3
	13	4	151	152	152	154	2
	14	7 1/2	200	210	210	228	18
	15	3 1/2	202	242	little perc		



a 90

SOIL AUGER FINDING

TESTED BY

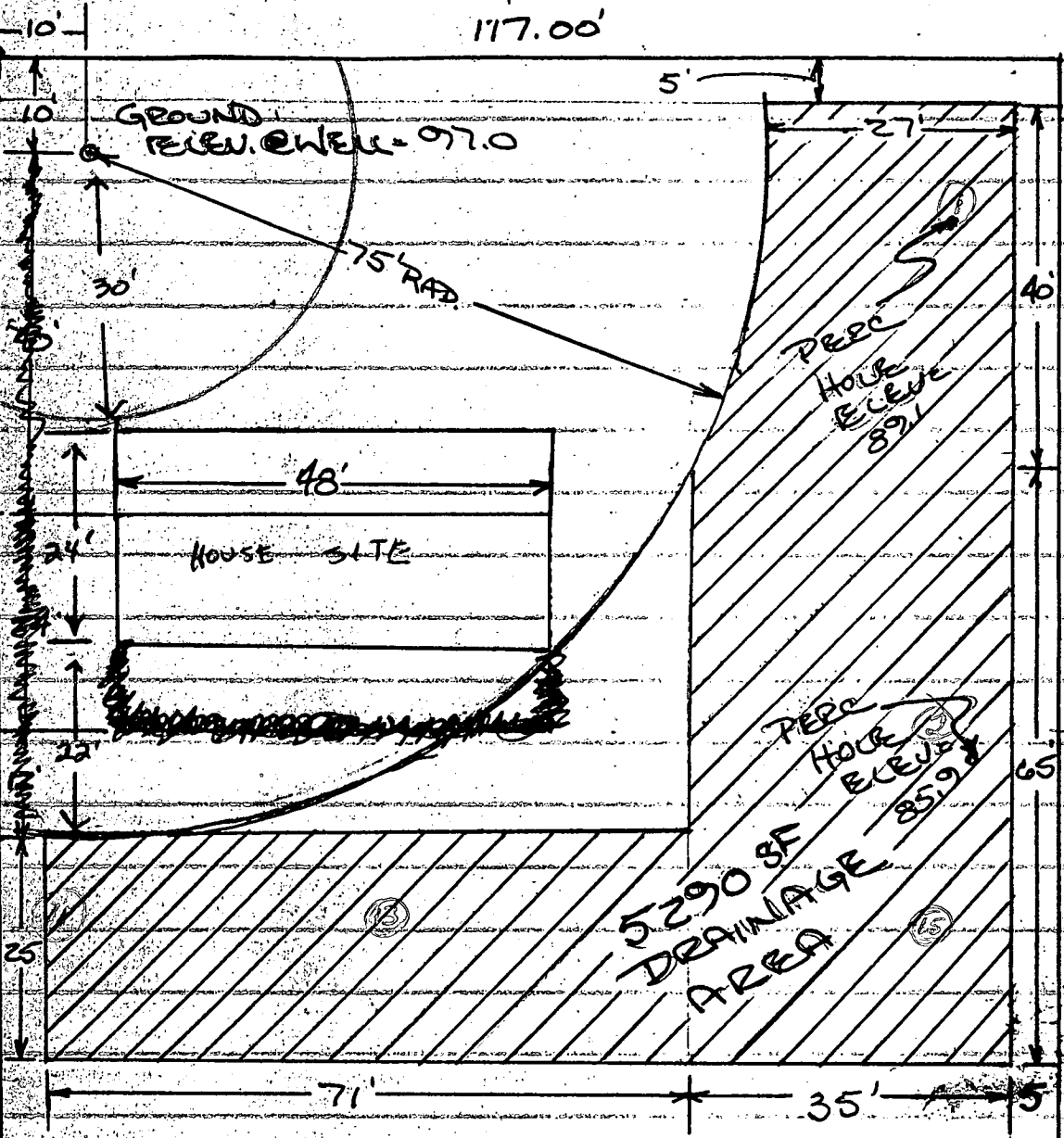
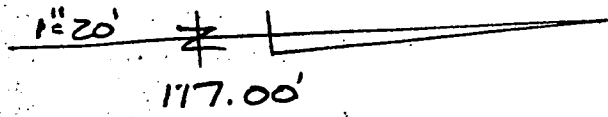
B. Hodges

REMARKS

15
15
15

66
300

ASSUMED RELEV = 100.00



100.35
+ 75.25
3500
1875
537.5

①-②
TEST HOLES OK
FROM 8/22/85
C.W.

⑪-⑬-⑮
TEST HOLES
OK
FROM 5/6/87
C.W.

TAX MAP 17
PARCEL 539
GRID 19

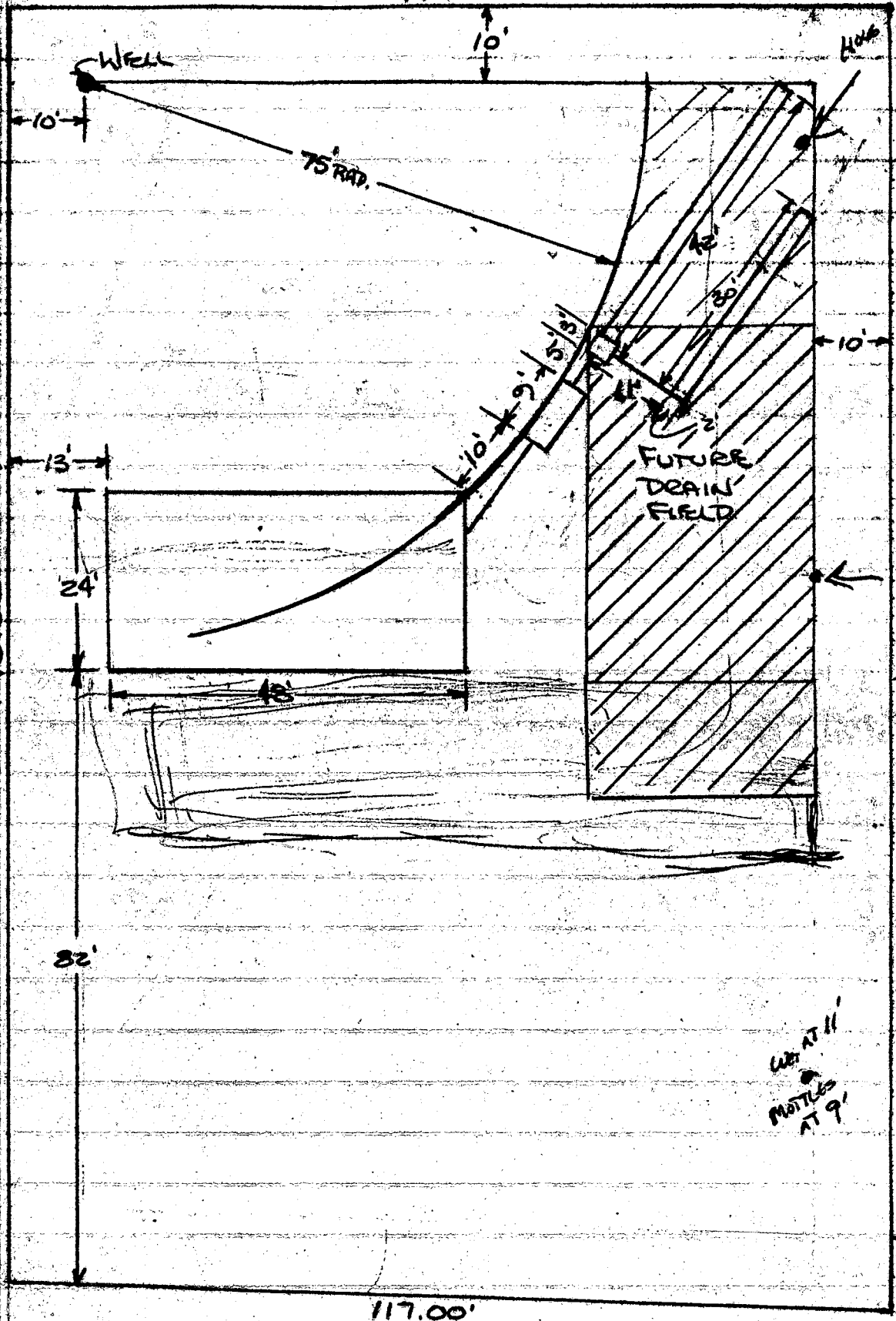
APPROVED FOR SEPTIC AND WELL
EXISTING LOT, NEW PLAT NOT REQUIRED.
9/11/85 Craig Will

PERC
HOLE
RELEV. 83.1

117.00'
BOONIES 1.1.18

1" = 20'

117.00'



LEADING
 12-1-10
 OK TO
 CONE POINT
 CLOSURE
 TRK
 10' TO 10'
 LTRK
 9/1/85
 C. Will

HOLE OK

174.33'

LET AT 11'
 MOTILES
 AT 9'

117.00'

BOOKER LAKE

ELEV = 100.00 (ASSUMED)

1" = 20'

17.00'

ELEV @ WELL
97.0' 10"

10'

75' RAD

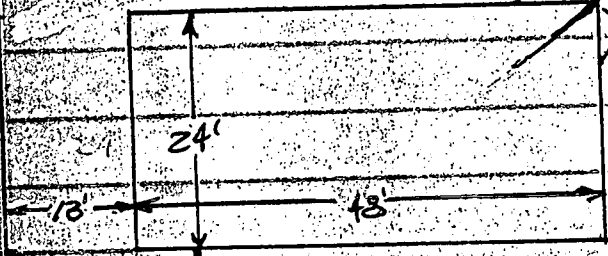
PEEL
HOSE #1
ELEV
89.1

LEACH
BED

15'

PEEL
HOSE #2
ELEV
85.9

FUTURE
DRAIN
FIELD



172.55'

174.35'

CONCEPT PLAN OK

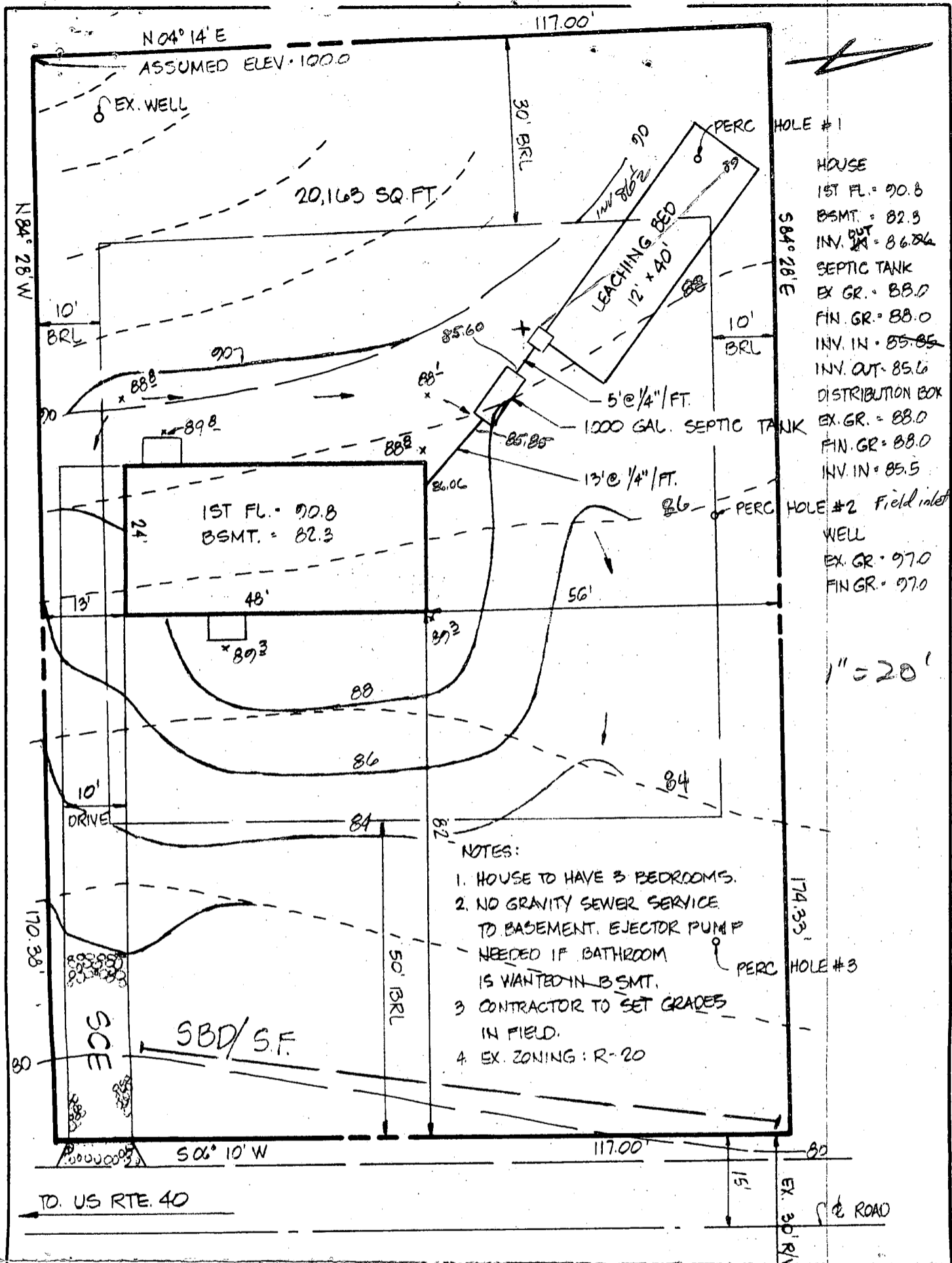
FINAL APPROVAL DEPENDS ON
ACCEPTABLE ELEVATION DRAWING
AND ACCEPTABLE INSTALLED UGL

PEEL
HOSE #3
ELEV
83.1

9/11/85 Craig Miller

177.95'

BOONES CANYE



changed
pages
with
10/9/85
initials
.3

NOTES:

1. HOUSE TO HAVE 3 BEDROOMS.
2. NO GRAVITY SEWER SERVICE TO BASEMENT. EJECTOR PUMP NEEDED IF BATHROOM IS WANTED IN BSMT.
3. CONTRACTOR TO SET GRADES IN FIELD.
4. EX. ZONING: R-20

1" = 20'

1. TOPD SHOWN HEREON WAS PROVIDED BY THE OWNER.
2. BOUNDARY SHOWN HEREON IS BASED ON A PLAT OF SURVEY BY C.A. SKINNER, DATED OCT. 26, 1959

TITLE: GRADING STUDY				
PROJECT: BOONES LAKE HARTNER PROPERTY		TAX MAP: 17 BLK: 19 PAR: 539		
LOCATION: 2ND ELECTION DISTRICT HOWARD CO., MD.				
SCALE: 1" = 20'	DESIGNED BY:	DRAWN BY: J.J.B.	CHECKED BY:	DATE: OCT, 1985
FIELD BOOK:	PAGE NO.:	JOB NO.: 85291	DRAWING NO.: 10P1	

boender associates
inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
13011 465-7777

REVIEW OK 10/22/85 C.W.

C1 2447 (THIS NUMBER IS TO BE PUNCHED IN COLS. 35 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A12597

DATE Received

DATE WELL COMPLETED 100485

Depth of Well 115 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1188

OWNER HARTNER JACK last name BOONES LANE first name TOWN ELLICOTT CITY SUBDIVISION TAX MAP 17 PARCEL 539 SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Soft Brown Mica, Blue & Brown Sandstone, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 16, NO. OF POUNDS 1504.

CASING RECORD: casing insert appropriate code below (ST), MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 45.6.

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

SCREEN RECORD: screen type or open hole insert appropriate code below (ST), SCREEN TYPE ST, BR, HO, PL, OT.

DEPTH (nearest ft.) table with rows for casing and screen depths.

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. E ELECTRIC LOG OBTAINED. P 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...

DRILLERS IDENT. NO. 296 Ronald L. Kyker

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ronald L. Kyker

SITE 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

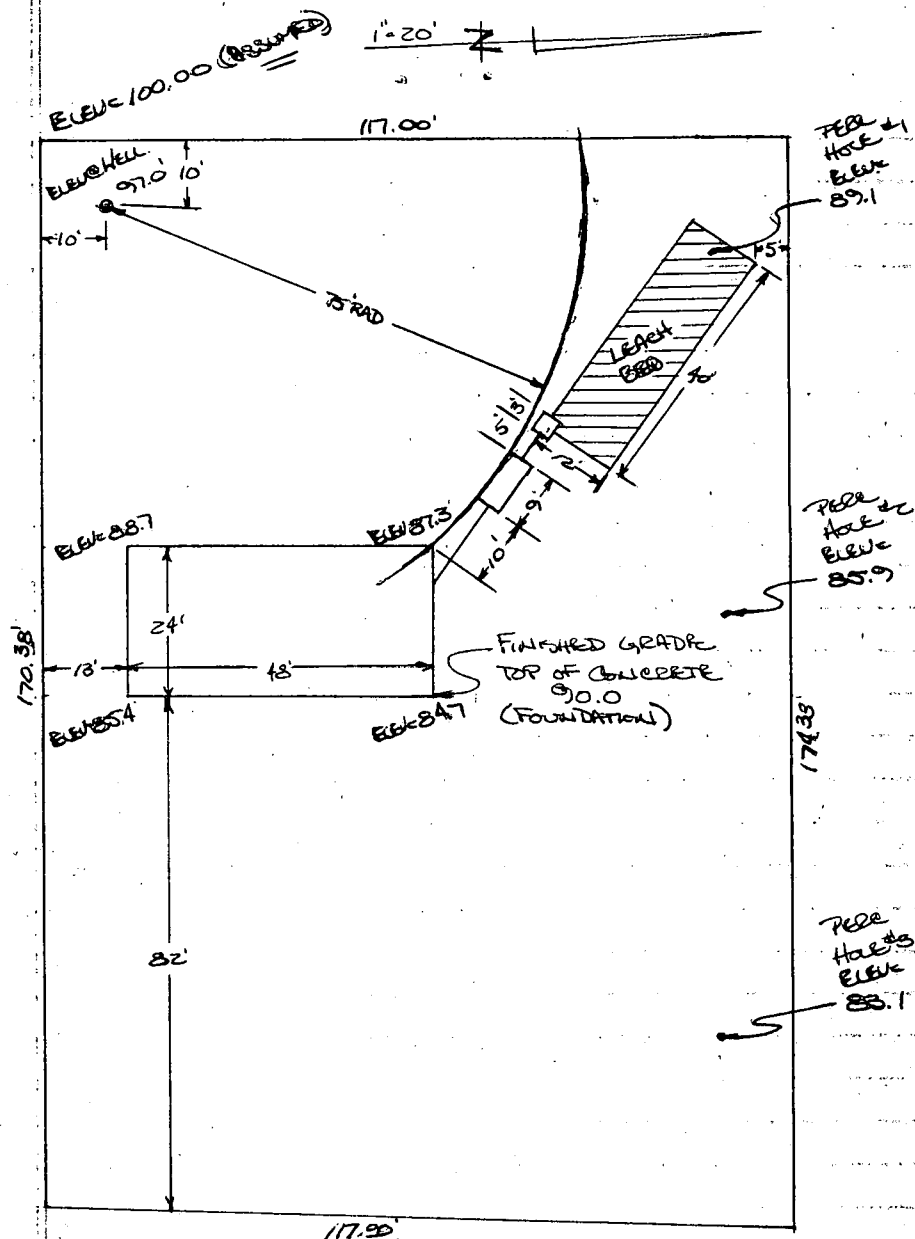
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 15, METHOD USED TO MEASURE PUMPING RATE Submersible, WATER LEVEL 28, WHEN PUMPING 48, TYPE OF PUMP USED S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED S, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT + above, LAND SURFACE 2 (nearest foot).

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)

Handwritten note: X.W.E.I. BOONES L.A.



BP 62682

BOONES CANYE I certify that these elevations are actual 9' correct to the best of my knowledge.

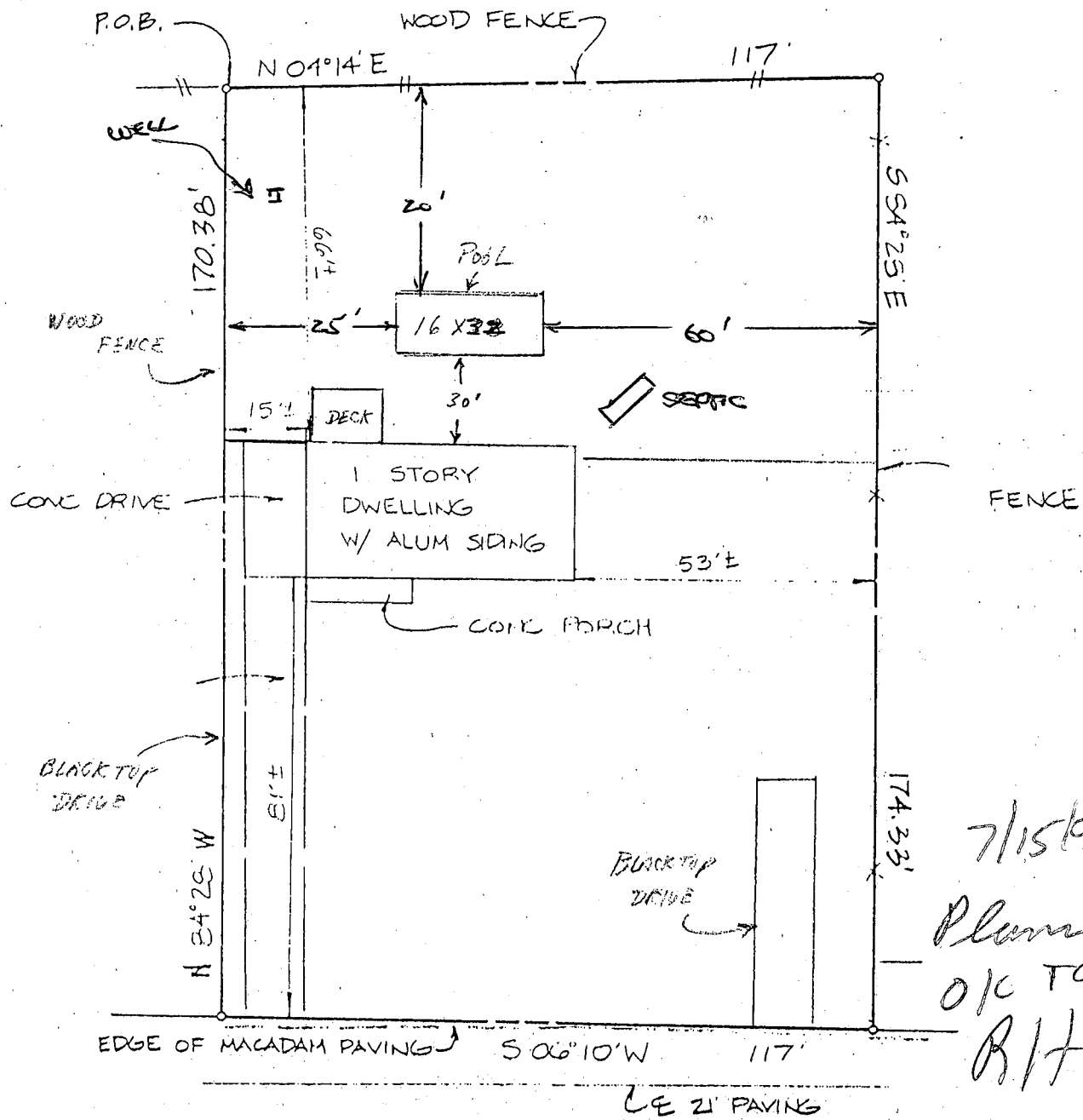
Flow @ Disposal Field is	88.0
Inlet to Disposal field is	85.5
Inlet of Disposal Box is	85.6
Original grade @ tank is	88.2
Septic tank outlet	85.8
Septic tank Inlet	86.1
House Invert	86.3
Finish Floor	88.5

John A. Hartner

3 BDRM
NO DISP

Elevation ok
10/9/85

FYOCK - INSTALLER
OWNER JACK HARTNER
12161 MT ALBERT RD EC, 531-2080



7/15/91
 Plans
 O/C TO SIG
 R/H

BOONES LA.
 (30' R/W)

DEED REF: 1319/433
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MD.

