

4/30/90
4/2/90
4/23/90
4/24/90

01-171046

File

4/2/90
4/10/90
① P.C.O. C.B.D.
② P.C.O. C.B.D.
P 45739
A REPAIR

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 3/28/90

DATE SYSTEM APPROVED 4/24/90

INSPECTOR C.B.D.

INDEXED

5 pockets
Joe Neubauber *W.P.M. = 4/2/90*
Briefly P.M. = 4/2/90
IS PERMITTED TO INSTALL _____ ALTER X
ADDRESS _____ PHONE 788-7566
SUBDIVISION _____ ROAD 5067 Landing Road LOT _____
PROPERTY OWNER M. L. Klappenberger
ADDRESS 5067 Landing Road
Elkridge, Maryland 21227

IF GARBAGE GRINDER IS USED IN SEWER LINE TANKS, TRENCHES, BOXES, AND ABSORPTION AREAS, IT MUST BE

GARBAGE GRINDER YES NO

SEPTIC TANK CAPACITY _____ GALLONS NUMBER OF BEDROOMS _____

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

4/2/90 100' ± trench; inlet 4 1/2' to 5'; Man depth 10'
See back; C.B.D.

PLANS APPROVED BY C. Williams DATE 3/29/90

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.

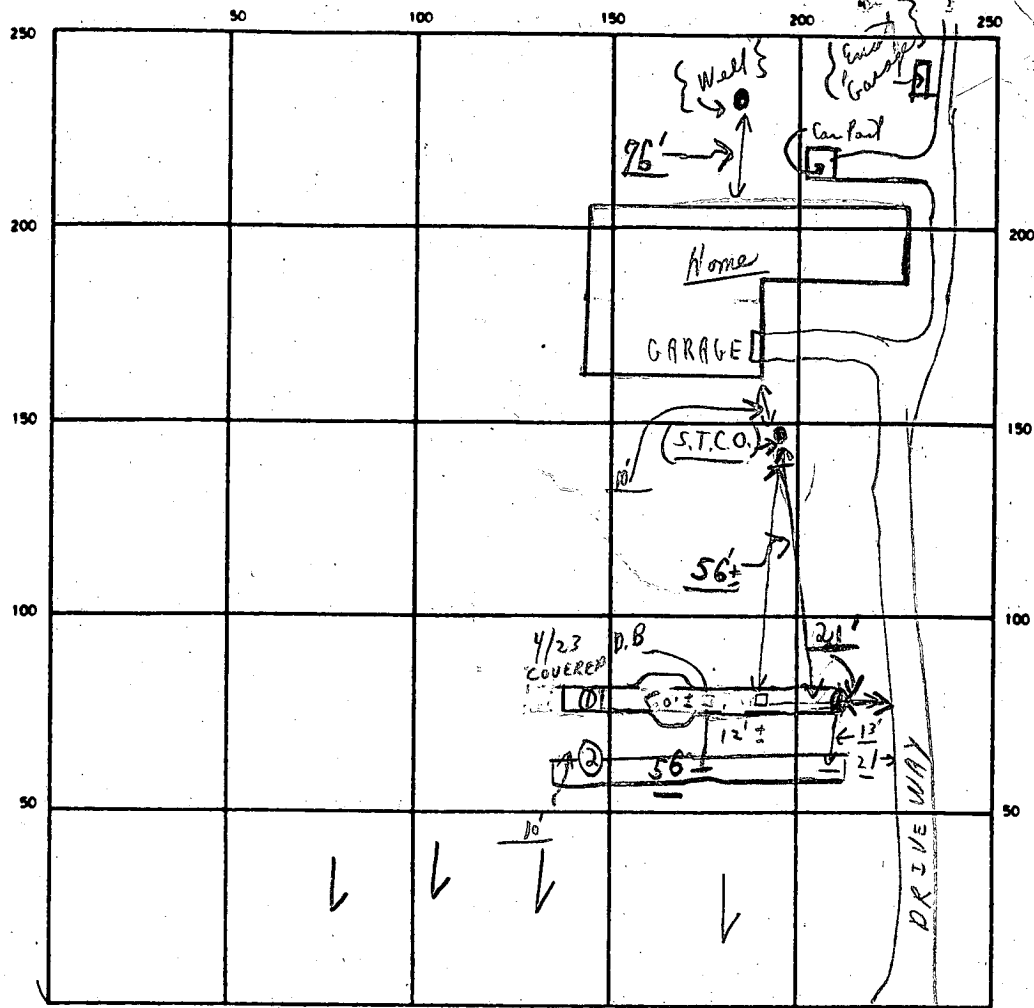
- NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS
- NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
- NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES
- 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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED
- NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 9/23/91
Serial # 39634

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

45739



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

LANDING ROAD

SEPTIC TANK LEVEL Existing CLEANOUTS Existing

DISTRIBUTION BOX LEVEL OK (Baffles in)

DRAIN FIELD/TILE FIELD DEPTH 10 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 106 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 530 SQ FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 530 SQ. FT.

REMARKS ① P.M. 4/2/90 Partial obs. to continue with trench (Holes - 13 1/2' deep - {5 1/2' ± 1 1/2' clay Sandy loam}); ② P.M. trench collapsed no one around; some stone in mess driveway only; 2:30 P.M. C.B. - Partial

③ 4/10/90 TRENCH SEEN - OK TO CONTINUE; - 45' ± - STONED TO 5' ± OF SURFACE - TRENCH CAVING, PARTIAL - NO ONE SEEN; HOLD FOR A CALL. 4/23/90 OK TO FINISH TRENCHES AND FINISH HOOK UP FROM

S.T. TO D. BOX; CALL FOR FINAL C.B. 4/24/90 FINAL - OK TO COVER ALL WORK AS FINISHED.

DATE SYSTEM APPROVED 4/24/90 INSPECTOR Charles Bryan

5/18/77 - appl. # 5
if no stat. #
Ivan W. Ohler

PERMIT

SEWAGE DISPOSAL SYSTEM

P 25755

A _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 1st

INDEXED

DATE 5/3/77

Ivan W. Ohler

IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 2100 Sulphur Spring Road, Baltimore, Md. 21227 PHONE 242-5325

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION _____ ROAD 5067 Landing Road LOT _____

PROPERTY OWNER Mr. Melvin Klappenberger

ADDRESS 5067 Landing Road, Elkridge, Maryland

SPECIFICATIONS 3bedrooms

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

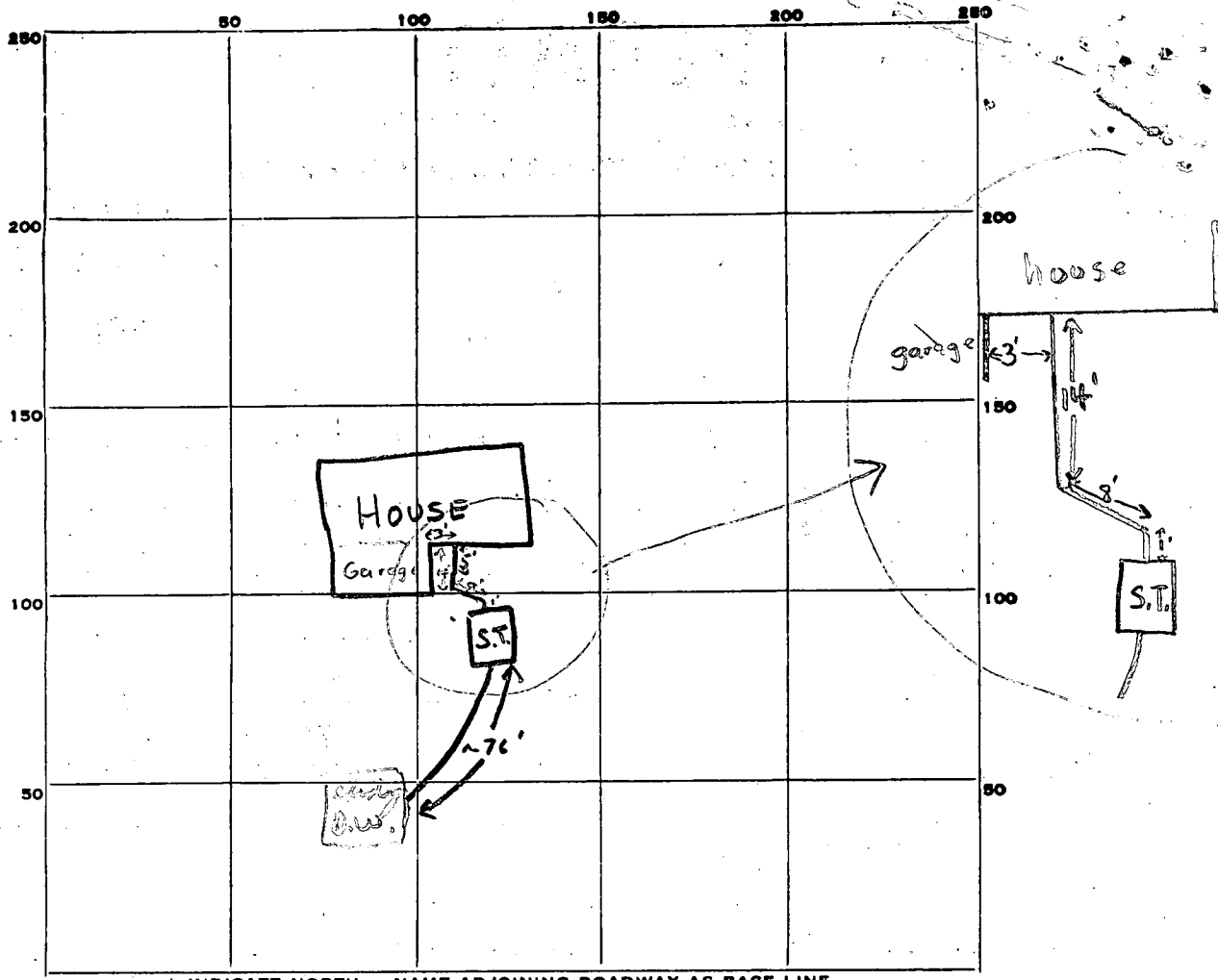
OTHER Repair - Replace septic tank that has collapsed.

PLANS APPROVED BY Palmer F. Wine DATE 5/3/77

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

P
25755



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Landing Road

PERMIT CARD

✓ Searched for and O.K. F.S.

S.T. | existing D.W.

SEPTIC TANK, LEVEL

✓ 1000 gal.

CLEANOUTS

O.K. | O.K.

DISTRIBUTION BOX, LEVEL

n.a.

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

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

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

ABSORBENT AREA _____ SQ. FT.

REMARKS

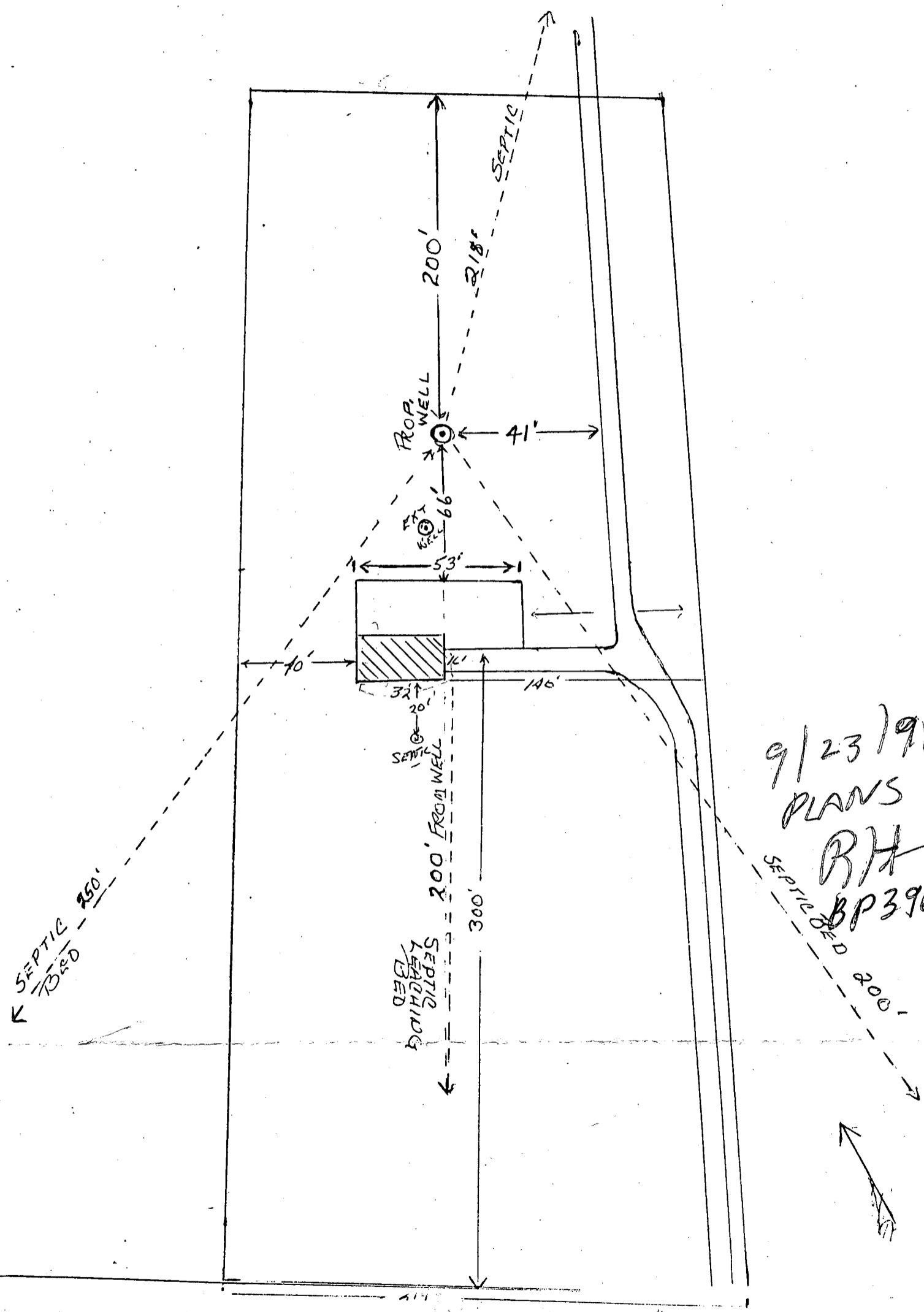
5/17/77 5' of existing c.i. pipe out of house, septic tank in place no pipe installed yet. 5/17/77 All pipe from house to drywell that is to be replaced must be replaced with cast iron pipe. Cover no work until inspected & approved F.S.
5/18/77 O.K. to cover all work F.S.

DATE SYSTEM APPROVED

5/18/77

INSPECTOR

F. Skennir



9/23/91
 PLANS OK
 RH
 BP39634

SEPTIC BED 200'

5067 LANDING RD.

LANDING RD

2.35 ACRE

4500

C1 2373 SEQUENCE NO. (QEP, USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER P 25755

DATE RECEIVED

DATE WELL COMPLETED 080185

DEPTH OF WELL 2278 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" NO-81-1112

OWNER KLAPPENBERGER M L STREET OR RFD 5067 LANDING RD TOWN ELLICOTT CITY

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Rows include Red Clay, Soft Brown Sandstone, Sand, Soft, Hard, Brn. Sandstone, Hard Brn. & Blue Sandstone, Hard Brown Sandstone, Hard Blue & Brn. Sandstone, Hard Blk. Sandstone, Hard Blue Sandstone, Hard Blue & Blk. Sandstone, Hard Brn. Sandstone, Hard Blk. & Blue Sandstone, Hard Brn. Sandstone, Hard Blue, Green Blk. Sandstone, Fracture & Gravel Bed, Hard Blue, Brn. & Wht. Green Sandstone.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate-Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 27 NO. OF POUNDS 2538 GALLONS OF WATER 162 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 79 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING Nominal diameter top (main) casing TYPE ST 60-61 Total depth of main casing (nearest foot) 81.10 66-70

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 81.10 278

CIRCLE APPROPRIATE LETTER 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. Lyker DRILLERS SIGNATURE SITE SUPERVISOR responsible for sitework if different from permittee

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 LOG INDICATOR OTHER DATA

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 15 METHOD USED TO MEASURE PUMPING RATE Flowmeter WATER LEVEL (distance from land surface) BEFORE PUMPING 60 WHEN PUMPING 261

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) + above - below LAND SURFACE (nearest foot) 2

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)

Check-out 8/20
Check-out

Check-out - 8/21/59

PERMIT

P 00358

A 142

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 1

DATE 4-30-59

INDEXED

M. Klappenberger IS PERMITTED TO INSTALL ALTER

ADDRESS Rt. 4 Box 91 - Landing Rd. PHONE Ri-4-4343
~~312 222 Ave., Landover~~ ~~301-8-1888~~

A SEWAGE DISPOSAL SYSTEM LOCATED AT 1 1/4 mi. from Montgomery Rd. & 1/4 mi. from Ilchester Rd. on Landing Rd. between Rush and Gladhill properties.

SUBDIVISION _____ ROAD _____ LOT _____

PROPERTY OWNER Robert M. Johnson

ADDRESS 4311 Arizona Ave., Balto.

SPECIFICATIONS

DRAIN FIELD DEPTH _____ FEET, BOTTOM AREA 310 SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 750 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

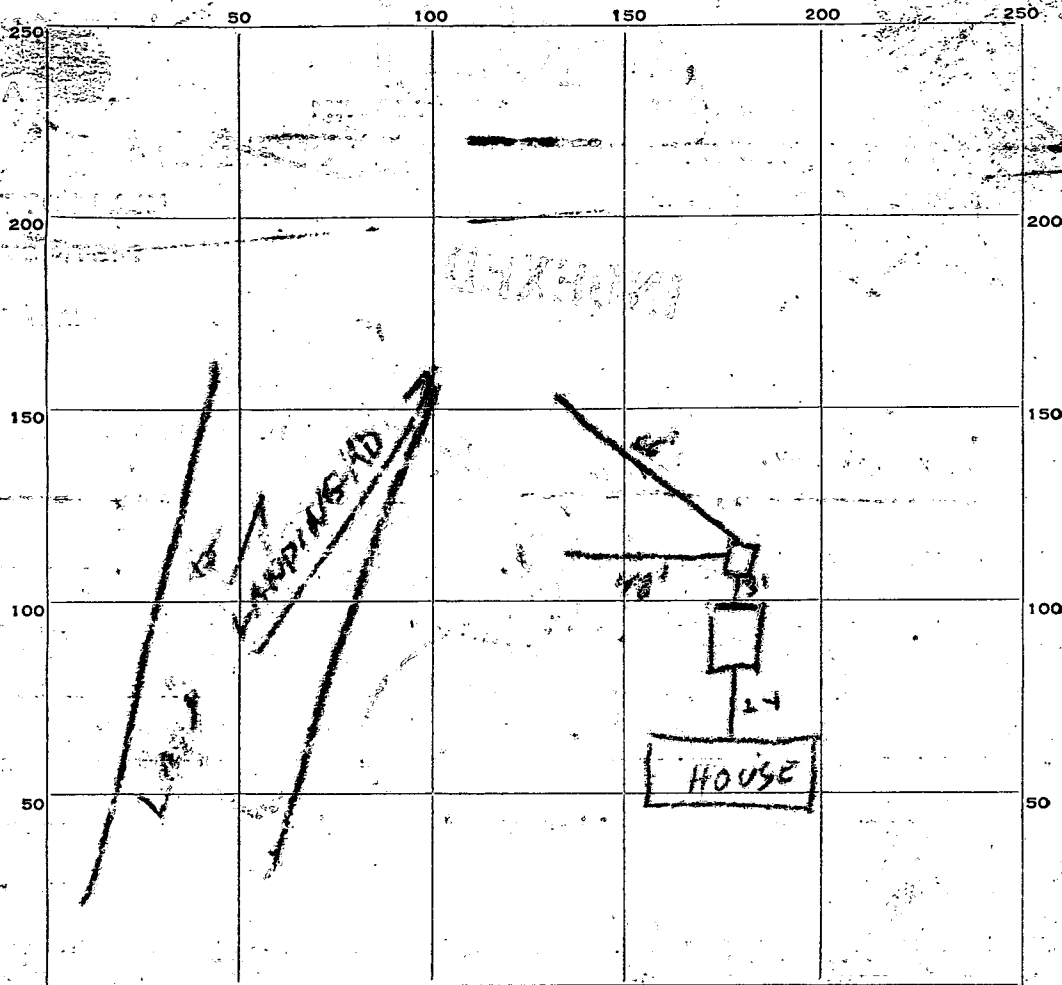
OTHER System to be installed in area that passed percolation test.

PLANS APPROVED BY Palmer F. Wine DATE 9/5/59

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

A 142



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL OK 750 CLEANOUTS 3" OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH 2-3 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 20 IN. TOTAL LENGTH 114 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 342

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

ABSORBENT AREA _____ SQ. FT.

REMARKS I used flagging to cover part of the field, & have over man in distribution box for inspection.
6" gravel over pipe
10" gravel over pipe

DATE SYSTEM APPROVED 8/21/59 INSPECTOR Raymond E. [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
APPLICATION-SEWAGE DISPOSAL TESTING

Application No. A142

District 1

Date 9-2-58

TO: THE COUNTY HEALTH OFFICER
Ellicott City, Maryland

I, hereby, apply for the necessary tests in order to construct (or re-construct) a sewage disposal system.

PROPERTY OWNER Johnson, Robert M.

Address 4311 Arizona Ave. Baltimore Phone Clifton 4-3 41

LOCATION OF PROPERTY: Subdivision _____ Lot No. _____

Road 1 1/4 mi. from Montgomery Rd. and 1/4 mi. from Ilchester Rd on Landing Rd. between Rush and Gladhill properties.

no building to be built at rear of property

OCCUPANT OF PROPERTY above will be

Address _____ Phone _____

PERSON TO CONSTRUCT PLANT Clappenberger, M. L.

Address 312 3rd Ave. Landsdown Circle 2-4325
Phone Ri. 4-4343

SIZE OF LOT 130 x 150

TYPE OF BUILDING TO BE SERVED residence

SYSTEM TO SERVE _____ PEOPLE _____ NO. OF BEDROOMS 3

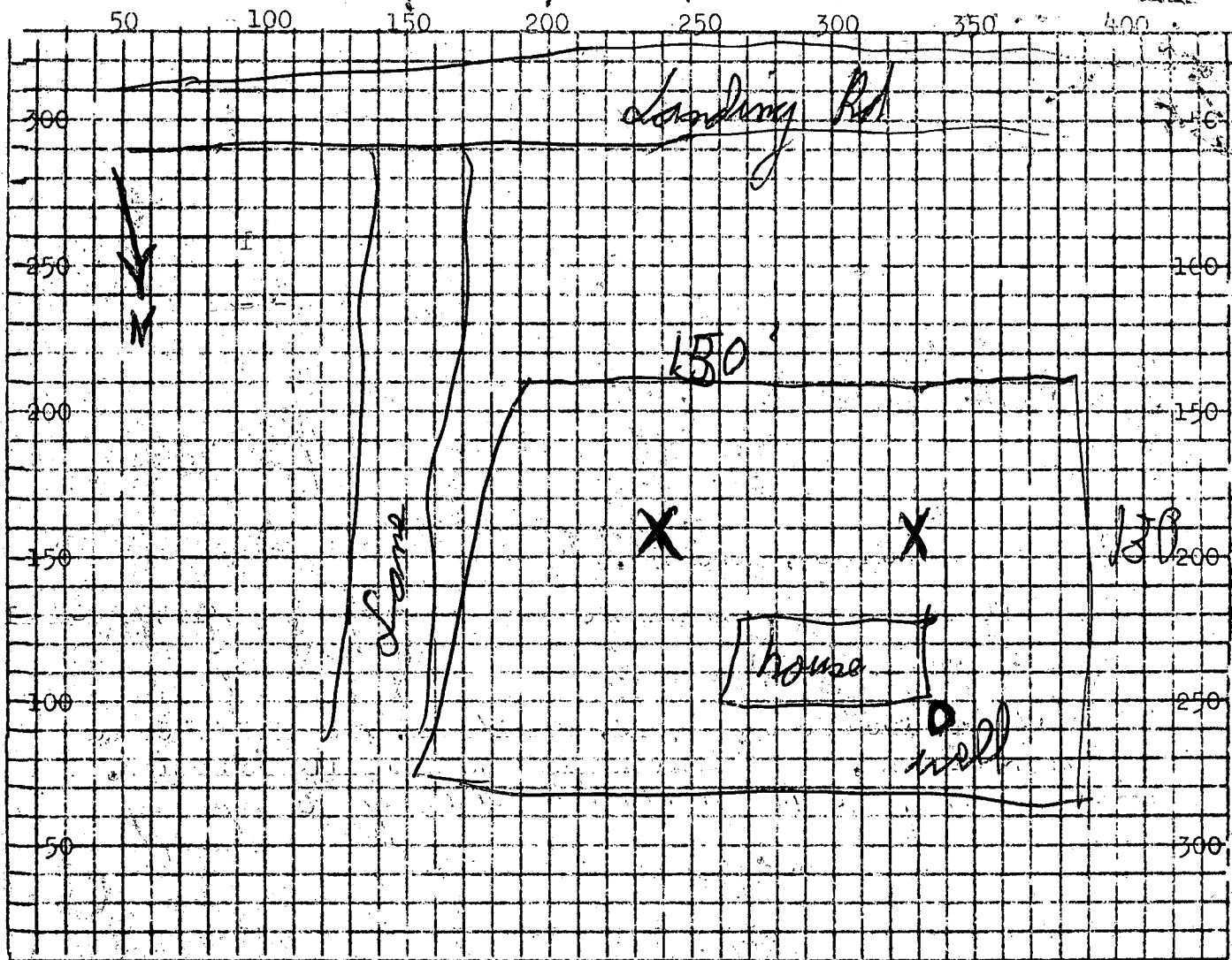
PERMIT NUMBER _____ FEE _____

SIGNATURE OF APPLICANT M. L. Clappenberger

APPROVED BY P. W. DATE 9/5/58

REJECTED BY _____ DATE _____

REASONS FOR REJECTION _____



Above: Sketch property showing dimensions, location and numbers of test holes distance to adjoining wells and slope of ground. Each square = 10 ft.

LAST PREVIOUS RAIN _____

RAINFALL FOR YEAR _____

(310 sq. ft. bottom area)

DATE	TEST NO.	TEST DEPTH	PRE-WET 6"		TIME START	TIME STOP	TOTAL TIME
			START	STOP			
9/5/58	1	3	10:07	10:11	10:25	14	
	2	3	10:20	10:25		12	
	3	3	10:30	10:35	10:45	10	

SOIL AUGER FINDING: Top soil - tree roots, wooded area.

TEST CONDUCTED BY Palmer F. Wine DATE 9/5/58

ALSO, PRESENT _____ SIGNATURE W. C. Klappenberg

REMARKS: _____ TITLE _____

13
30
1950