

04-334957

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

6/20/84 - AM, please
6/19/84
need

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEX

APPROVED
6/20/84
RIT

ELLICOTT CITY

DISTRICT 4th

DATE 5/1/84

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Md. 21737 **PHONE** 988-9270

SUBDIVISION (Stanley Miller property) **ROAD** 16471 Frederick Road **LOT** 14
(Route 144)

PROPERTY OWNER Leonard M. Insalaco

ADDRESS 8848 Tamar Drive, No. 202, Columbia, Maryland 21045 **Phone:** 992-9706

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

TRENCHES - 163 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 5 feet below original grade. Bottom maximum depth 11 feet below original grade. Effective area begins at 5 feet below original grade. 6 feet of stone below distribution ~~to~~ pipe. Start the trench 232 ft. from the front lot line and 132 ft. from the right side line, as seen when facing the lot from Maryland Route 144. Continue to dig the trench on level ground the necessary distance (82 feet ~~f~~ of trench needed for a 3 bedroom house).

BLDG. PERMIT. SIGNED

AND RETURNED 6/4/84

Serial # 37952 - Prol

PLANS APPROVED BY Frank A. Skinner

DATE 4/27/84

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.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

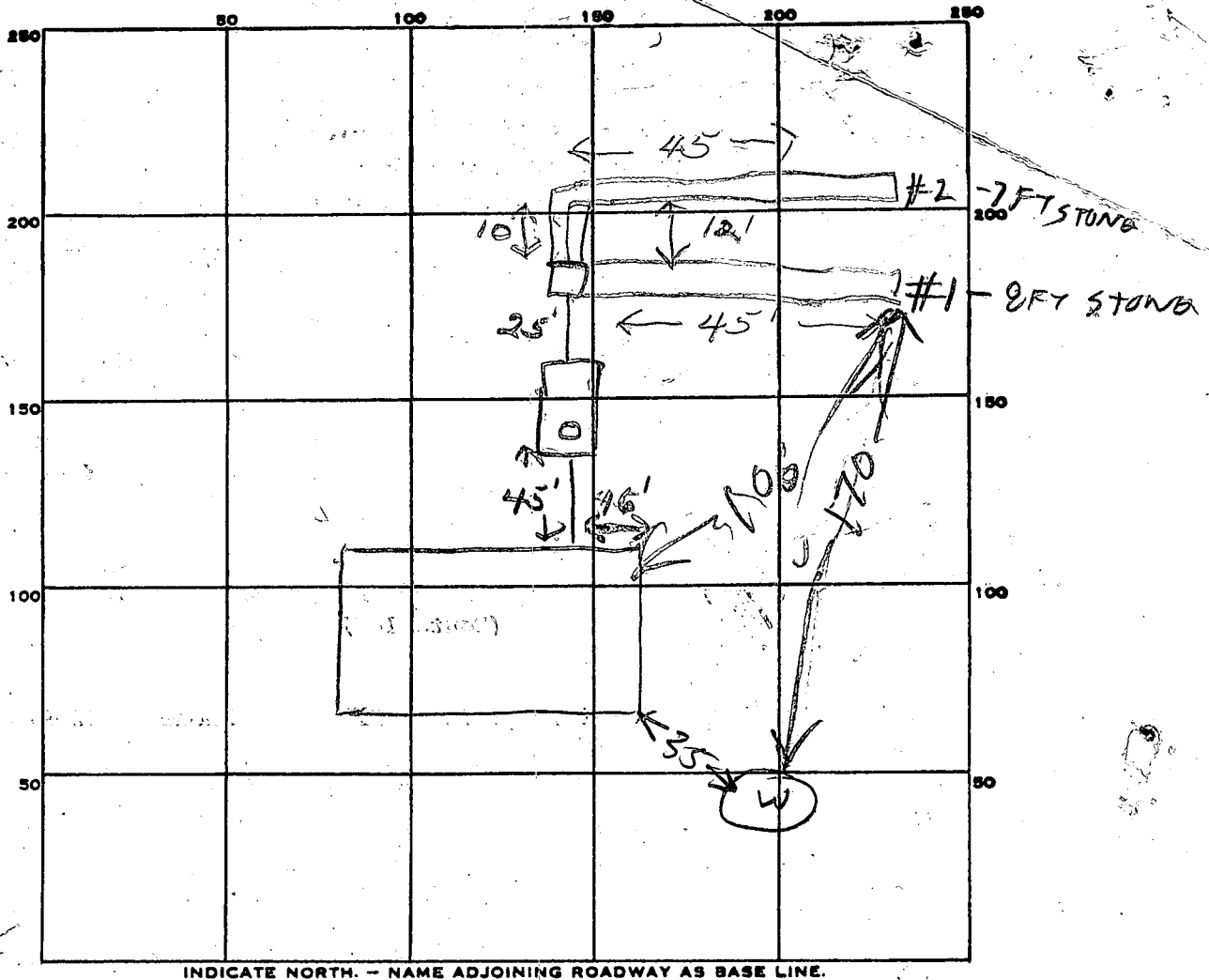
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

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

EH - 2-1082

A 27521



PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1500 gal CLEANOUTS ST/

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH 11 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH 90 FT. = 540 SQ FT BELOW TOP 5 FT OF LAY

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 675 SQ FT TOTAL

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 6/19/84 - OK to add stone in trenches JS
6/20/84 - STONE ADDED RJZ

DATE SYSTEM APPROVED 6/20/84 INSPECTOR Raymond Hodger

C1 3348		SEQUENCE NO. (OEP USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE				THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.			
1 2 3 4 5 6 THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A27521			
DATE Received 8 ☐ ☐ ☐ ☐ ☐ ☐ 13		DATE WELL COMPLETED 15 040384 20		Depth of Well 22 300 26 (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0471 28 29 30 31 32 33 34 35 36 37			
OWNER Insalaco last name Ad. Rte 144 first name Leonard				TOWN Lisbon							
STREET OR RFD				SUBDIVISION Stanley Miller Property				SECTION 14 LOT 14			
WELL LOG Not required for driven wells				GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 29 NO. OF POUNDS 2700 GALLONS OF WATER 145 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft. 48 TOP 52 54 BOTTOM 58 (enter 0 if from surface)				C3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 3 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 40 17 20 WHEN PUMPING 203 22 25 TYPE OF PUMP USED (for test) A air P piston T turbine 27 27 27 C centrifugal R rotary O other (describe below) 27 27 27 J jet S submersible 27 27			
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN Casing TYPE ST Nominal diameter (nearest inch) 6 Total depth of main casing (nearest foot) 99 60 61 63 64 66 70				PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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: 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE (nearest foot) - below } 50 51			
DESCRIPTION (Use additional sheets if needed)				FEET FROM TO Check if water bearing							
topsoil 0 2											
Red shale 2 55											
brown shale 55 85											
brown slate 85 130											
blue slate 130 132											
brown slate 132 190											
green slate 190 185											
blue slate 185 230											
blue slate 230 250											
w/ quartz 250 300											
blue slate 250 300											
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL				SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER C2 1 2 DEPTH (nearest ft.) HO 99 300 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68				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) left 60' well 30' 100'			
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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.				OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 ☐ 72 ☐ 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA							
DRILLERS IDENT. NO. 40 George S. Eastman				DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Robert R. Buehler				SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)			

FIELD DATA SHEET HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0471
Location of property (road) MD Rt 144
Subdivision Stanley Miller Property Lot 14 Block Plat Sec.
Well Driller George F. Easterday Owner Leonard Insalaco
Depth of well 300 268m
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 46'

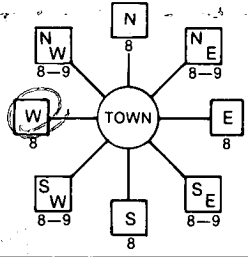
I. High rate pumping -- reservoir drawdown

Time pump started 8:20 Pumping rate 12.6 G.P.M
Total time 8:45 to reach pumping water level 201' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

Pump 260'

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	201'	25 sec.		2 1/2 G.P.M.
9:00	201'	25 sec.		2 1/2 G.P.M.
9:15	201'	25 sec.		2 1/2 G.P.M.
9:30	201'	25 sec.		2 1/2 G.P.M.
9:45	200'	25 sec.		2 1/2 G.P.M.
10:00	200' 6"	30 sec.		3 G.P.M.
10:15	202'	30 sec.		3 G.P.M.
10:30	202'	25 sec.		2 1/2 G.P.M.
10:45	201'	25 sec.		2 1/2 G.P.M.
11:00	202'	25 sec.		2 1/2 G.P.M.
11:15	202'	25 sec.		2 1/2 G.P.M.
11:30	202' 3"	25 sec.		2 1/2 G.P.M.
11:45	201' 10"	25 sec.		2 1/2 G.P.M.
12:00	202'	25 sec.		2 1/2 G.P.M.
12:15	202'	25 sec.		2 1/2 G.P.M.
12:30	202' 3"	25 sec.		2 1/2 G.P.M.
12:45	202' 3"	25 sec.		2 1/2 G.P.M.
1:00	202' 4"	25 sec.		2 1/2 G.P.M.
1:15	203'	25 sec.		2 1/2 G.P.M.
1:30	203'	25 sec.		2 1/2 G.P.M.
1:45	203'	25 sec.		2 1/2 G.P.M.
2:00	203' 2"	25 sec.		2 1/2 G.P.M.
2:15	203' 2"	25 sec.		2 1/2 G.P.M.
2:30	203' 3"	25 sec.		2 1/2 G.P.M.
2:45	203' 3"	25 sec.	Boiled	2 1/2 G.P.M.

B 1 1626 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3:6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 4/3/84	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-81-0471 fill in this form completely
Date Received 021784 OWNER INFORMATION Insalaco Leonard 8848 Tamar Drive Columbia MD 21045 130 P.M.		B 3 LOCATION OF WELL Howard Stanley Miller Prop SECTION 44 LOT 14 Lisbon M I	
DRILLER INFORMATION Driller's Name <u>George F. Easterday</u> Firm Name <u>L.F. Easterday, Inc.</u> Address <u>9265 Brown Church Rd. Mt. Airy, Md. 21771</u> Signature <u>George F. Easterday</u> Date <u>2/15/84</u>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		NEAR WHAT ROAD <u>Rt. 144</u> ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☐ N WEST ☐ W SOUTH ☐ S EAST ☐ E DISTANCE FROM ROAD <u>1000</u> FT	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>HOWARD</u> COUNTY NAME <u>A27521</u> COUNTY NO. OEP SIGNATURE _____ STATE HEALTH INSERT S _____ DATE ISSUED <u>032884</u> CO SIGNATURE <u>Frank Shinn</u> EXP. DATE <u>9/8/87</u> NORTH GRID <u>547000</u> EAST GRID <u>0774000</u>	
APPROXIMATE DEPTH OF WELL <u>200</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE E 770 4 N 540 7 000 000	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>AIR-ROTary</u> JETTED <u>ROTARY</u> Jetted & DRIVEN CABLE <u>REVERSE-ROTary</u> Drive-POINT other _____		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 (OEP USE ONLY) APPROP. PERMIT NUMBER _____ FORCE <u>HS</u> WRITE INITIALS IN BOX PERMIT NO. <u>HO-81-0471</u> SPECIAL CONDITIONS _____			

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0471

Location of property (road)

Subdivision _____ Lot 14 Block _____ Plat _____ Sec. _____

Well Driller George Castor Inc. Owner Leonard Insalaco

Depth of well 300

Distance of measuring point (M.P.) above ground 2

Static water level (S.W.L.) below M.P. 46'

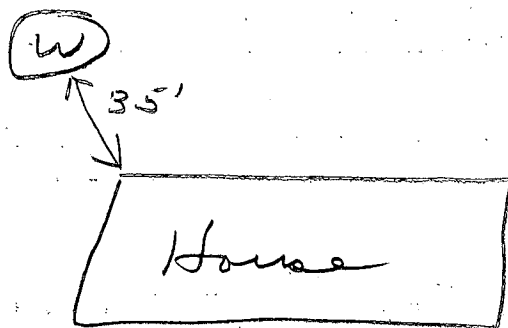
I. High rate pumping -- reservoir drawdown

Time pump started 8:20 Pumping rate 12 GPM

Total time 8:45 to reach pumping water level 201 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes *Pump 280*

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1:15	203'	25 sec		2 1/2
1:30	203'	25		2 1/2
1:45	203'	25		2 1/2
See Pump inspection on back.				



6/19/84 Pitless adapter, water line inspected
4 ft below original grade. Work inside house
not completed at this time. Gave OK to
cover water line. JS

2/10/78 {add to other lots
9:30 a.m.

APPLICATION

A 27521

P ✓

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE 2/3/78

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 Stanley Miller Leonard Insalaco
8848 Tamar Drive
ADDRESS Columbia, Md 21045 PHONE H-992-9706
W-589-2872

PROPERTY LOCATION:

SUBDIVISION (Stanley Miller Property) LOT NO. 14

ROAD AND DESCRIPTION Route 144 16471 Frederick Road

SIZE OF LOT 5.91 acres TYPE BLDG. 3 or 4
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/ Stanley Miller

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

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

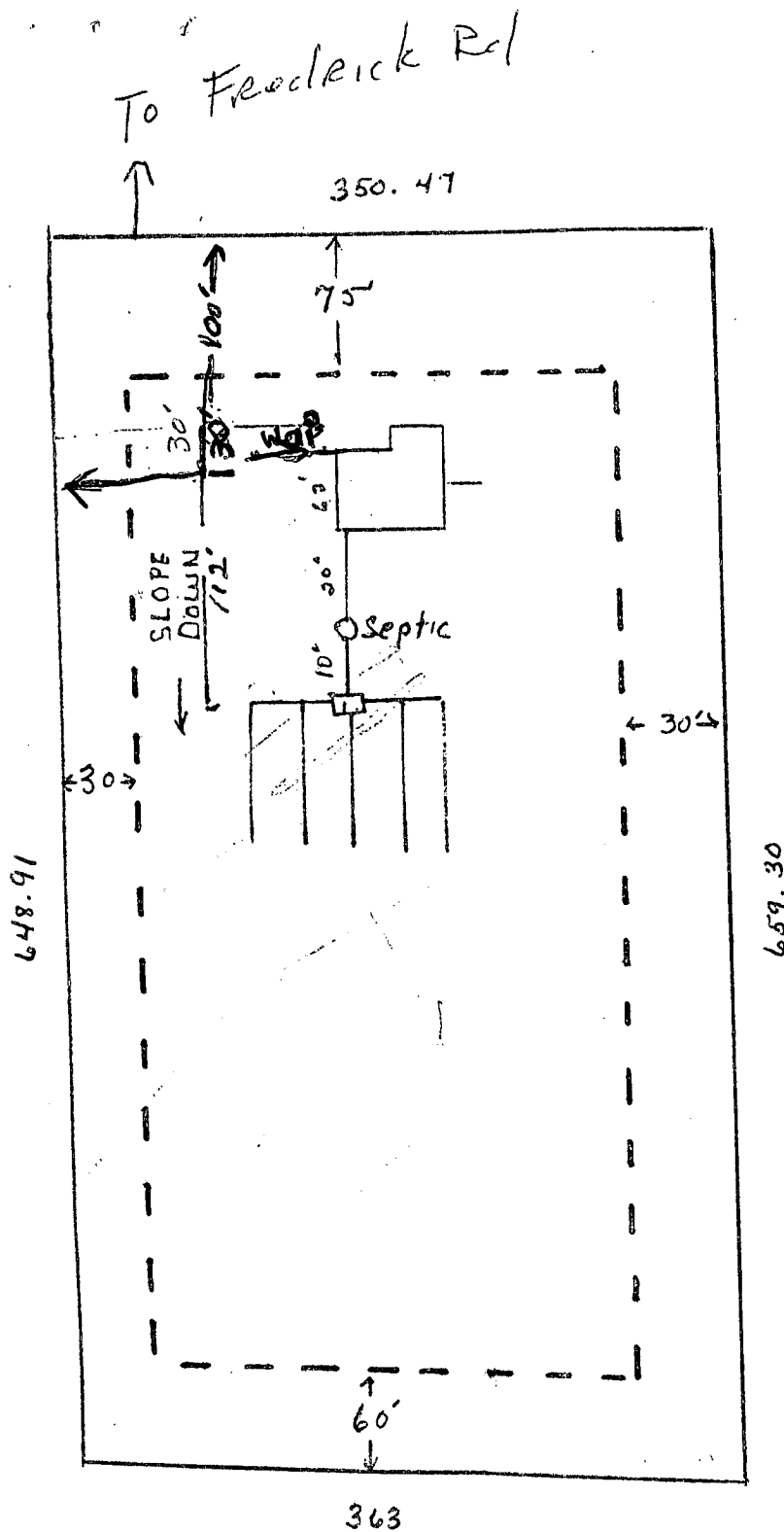
THIS IS NOT A PERMIT

REMARKS Silty loam - some soft shell

TYPE OF SOIL Clay above

TESTED BY 2/23/78 MB (mch) ALSO PRESENT: Milton

Lot 14
5.91 Ac±
Plat No. CMP No.
3721



2/10/84
well site OK
J. S.

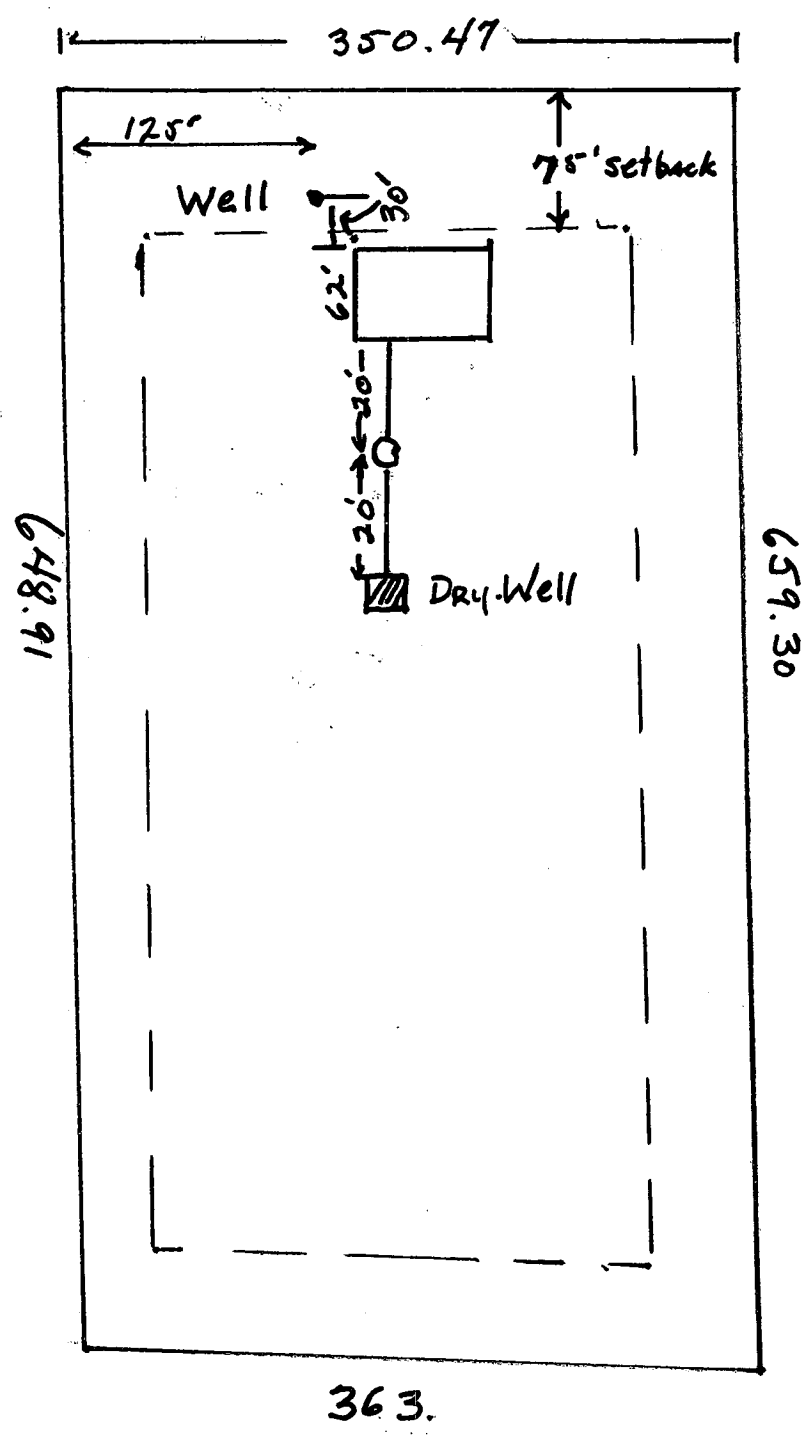
Leonard Insaalaco
992 9706 INSAALACO
8848 Tamar Dr.
Cot. Md. 21045

Lot 14

5.91 Ac. ±

Plat No. CMP No.
3721

16471 Fredrick Rd

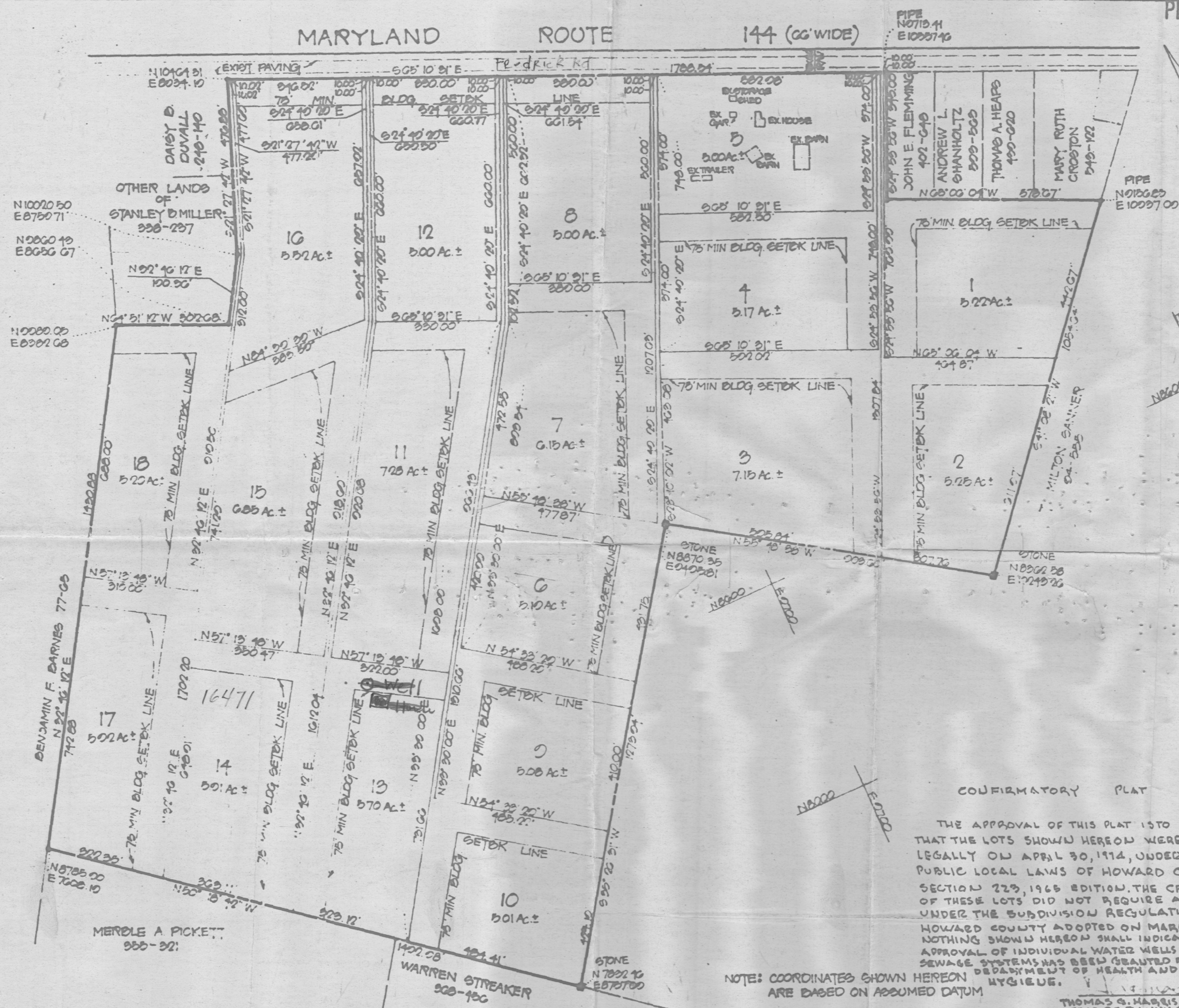


MARYLAND

ROUTE

144 (66' WIDE)

PLAT-C.M.P. NO. 3721



GENERAL NOTES

1. EXISTING ZONING OF TRACT - 4C
2. ALL LOTS ARE 5 ACRE MINIMUM
3. PROPOSED NO. OF LOTS - 18
4. MINIMUM REAR YARD - 50 FT
5. MINIMUM SIDE YARD - 20 FT
6. THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH REGULATIONS.
7. TOTAL AREA - 101.60 AC.

FILED JUN 17 1977

Received for Transfer
HOWARD COUNTY

Transfer Clerk

Date 6/17/77 Plat

A SUBDIVISION PLAT
OF

"STANLEY MILLER PROPERTY"

ELECTION DISTRICT NO. 4 HOWARD CO MARYLAND

SCALE 1"=200'

APRIL 20, 1974

OWNER & DEVELOPER:

STANLEY B. MILLER
10933 FREDRICK RD.
WOODBINE, MARYLAND 21707
489-4816

SURVEYOR'S & ENGINEER'S CERTIFICATE

I, Malcolm E. Hudkins, hereby certify that the plan shown hereon is correct, that it is a subdivision of part of the land which by deed dated August 24, 1959 and recorded among the land records of Howard County, Maryland in Liber 388 folio 237 was granted and conveyed by Henry Howard Kinsley and Myrtle Kinsley, his wife, to Stanley B. Miller and Boris L. Miller, his wife, and that stones and/or monuments marking the same are in place as shown.

I further certify that the requirements of Section 2, Article 3-108 of the annotated code of Maryland (as amended) as far as they relate to the making of this plat have been complied with.

Malcolm E. Hudkins 6/19/77

OWNER'S CERTIFICATE

I, Stanley B. Miller, owner of the property shown and described herein, adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon and in consideration of the approval of this plat by this office of planning and zoning we for ourselves, our heirs, or assigns, do hereby give and grant unto Howard County, Maryland the right and option to acquire for the consideration of one dollar the fee simple title to the beds of the streets and/or roads shown hereon and including the land dedicated hereon for the widening of Maryland Route 144 within the period of five years from the date of recording of this plat and the land records of Howard County.

Stanley B. Miller

6-13-77

PREPARED BY:

HUDKINS ASSOCIATES INC.
CIVIL ENGINEERS-LAND SURVEYORS
SUITE 231 - JOSEPH SQUARE
COLUMBIA, MARYLAND 21044



363

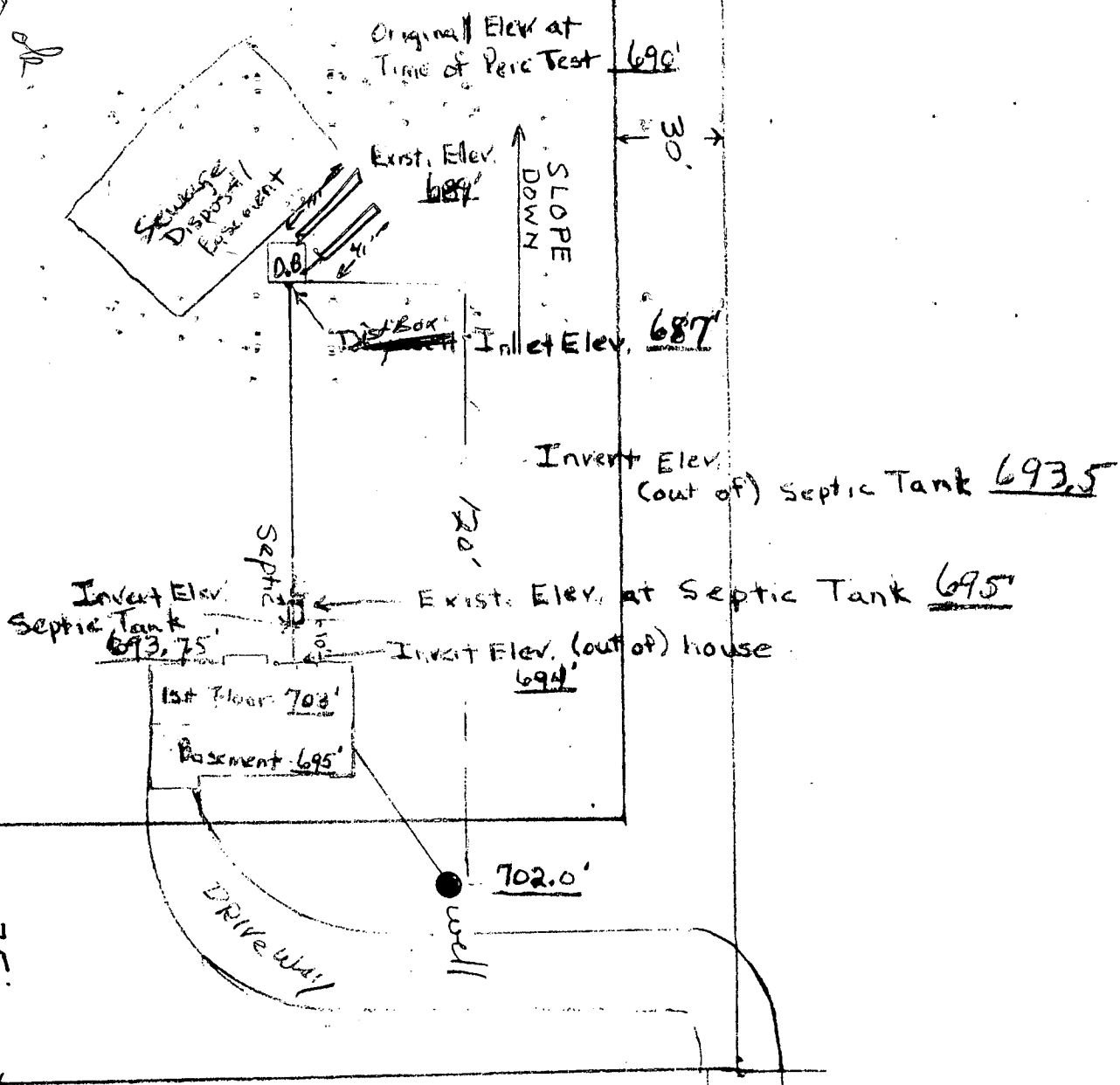
60'

Lot #14
5.91 Ac ±
Plat No. CMP No. 3721
16471 Fairbuck Rd.
has been vac'd.

648.91'

659.30

Location drawing of
4/11/84 - 2000



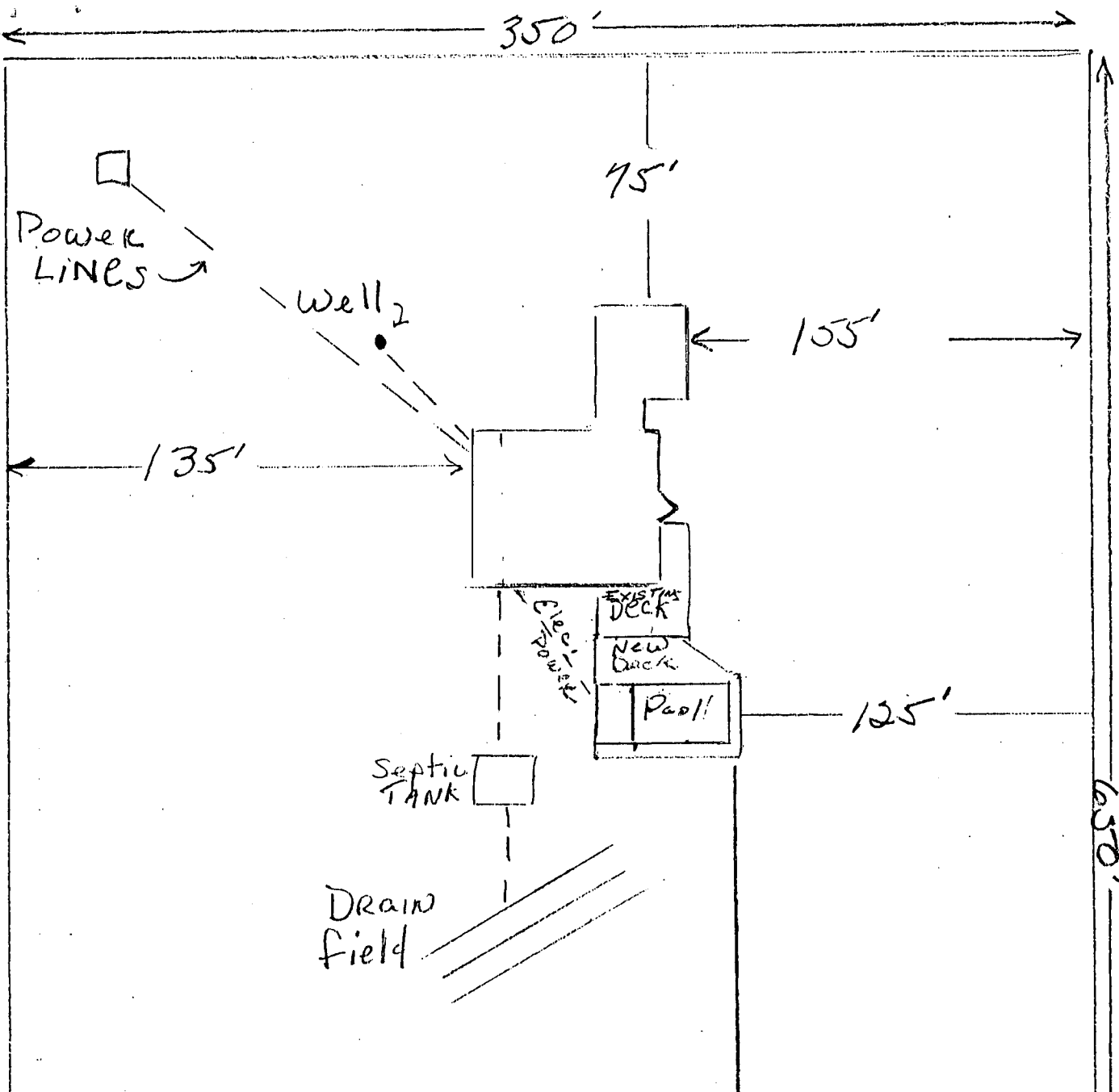
356.17

I certify the above measurements and elevations
are actual + correct for this property.

Signed: Leonard J. Shuck
4-11-84

Scale 1/2" = 25'

Access Road



Lot #14 Stanley Miller Property
 16471 Frederick Rd
 Original Plat 27/22
 Plat #3721

6/4/91
~~PLANS 014~~
 TO SIGN *RJ*