

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-356180

ELLICOTT CITY

DISTRICT 5th

INDEX

DATE 5/14/82

Approved 5/20/82
Stayer
P 31933
A 30739

Jack Fyock

IS PERMITTED TO INSTALL X ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, Maryland 21737 PHONE 988-9270

SUBDIVISION Welsh Property ROAD 12845 Linden Church LOT 4

PROPERTY OWNER Mr. & Mrs. Gerald D. Welsh

ADDRESS 10634 Faulkner Ridge, 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 & SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 120 SQ. FT. per bedroom

Trench INLET PIPE 3 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 3 1/2 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

LOCATION: Locate the dry well 190' from the rear (470.13') lot line, measured along the left (445.64') lot line, and 130' from the left (445.64') lot line as seen when facing the lot from Linden Church Road. If trench is used to make absorbent sidewall area, run trench on contour and leave a 5' earth buffer between dry well and trench. No trench to exceed 100' in length. Trench inlet to be same as dry well with 6 ft. of stone below inlet pipe. NOTE: IF POSSIBLE ELIMINATE BEND IN HOUSE SEWER. IF GARBAGE GRINDER IS USED INCREASE ABOVE SEPTIC CAPACITY BY 50% and above absorbant area by 22%.

PLANS APPROVED BY Stephen Keil/James Stayer DATE 1/5/82

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.

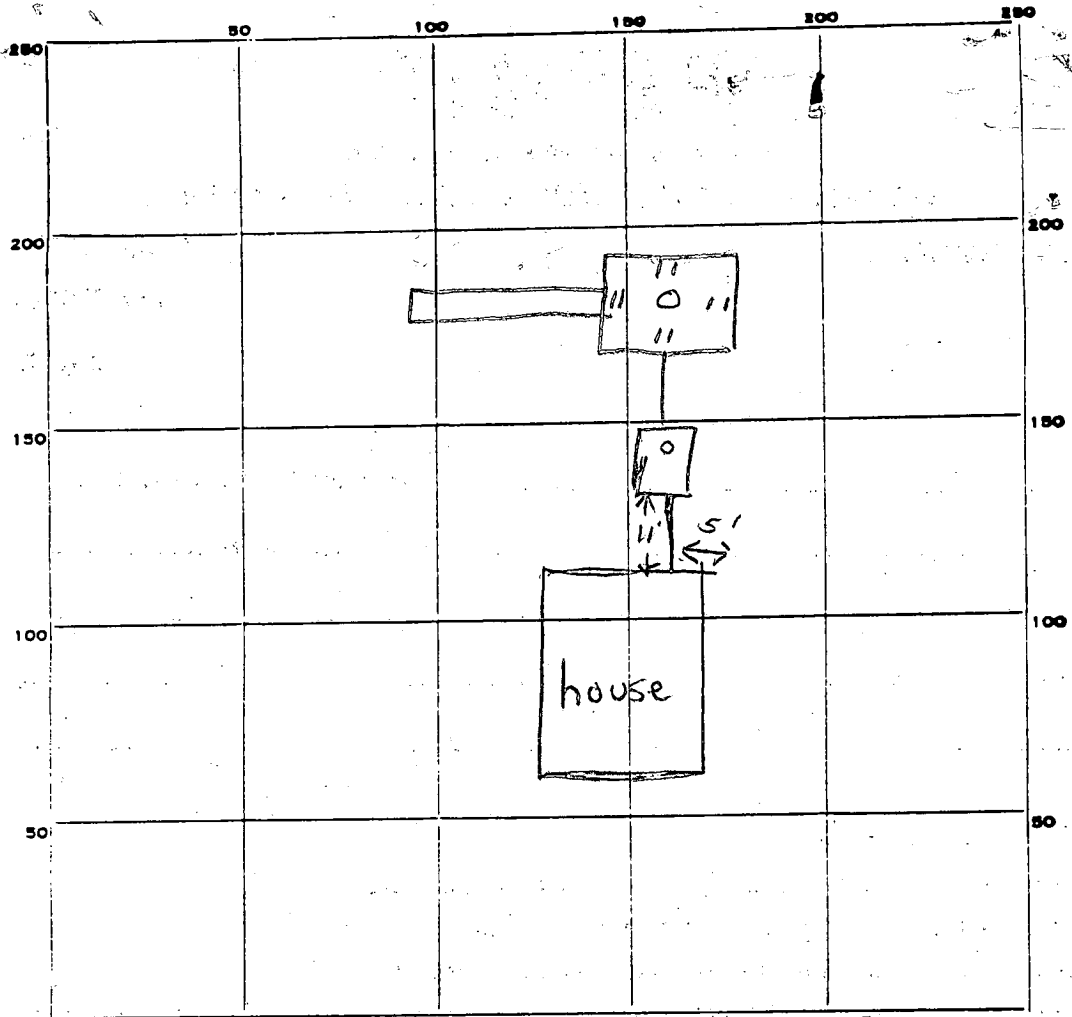
PERMIT VOID AFTER THREE YEARS.

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.**

BLDG. PERMIT SIGNED
AND RETURNED 10/7/82
Serial # 51193
P.H.

A 30739



120
3
360

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Linden Church Road

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

ST	DW
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6' IN. TOTAL LENGTH 18 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 108

SEEPAGE PITS, INSIDE DIAMETER 44 FT. DEPTH BELOW INLET 6 FT.

ABSORBENT AREA 372 SQ. FT.

18	44
6	6
	264
	108
	372

REMARKS 5/20/82 OK to cover all work. J & CW

DATE SYSTEM APPROVED 5/20/82

INSPECTOR Stayer

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30739

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT T-25 5th

DATE June, 1980

BLDG. PERMIT SIGNED

AND RETURNED 2/1/82

Serial # 48712

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

Mr. + Mrs. Gerald U. Welch
Van L. Kenyon, III and Lorraine Kenyon, his wife

ADDRESS

11029 Wood Eboer Way, Columbia, Md.

4304 Sellman Road, Beltsville, Maryland 20705

PHONE

937-1099

730-2777

mail to Walter Bowman, Esquire

(work - Mrs. - 730-7222)

PROPERTY LOCATION:

11172 Baltimore Blvd, Beltsville, Md. 20705

937-2123

10637 FAULKNER Ridge, (21044)

SUBDIVISION

Lot 4, Map 028, Dist T-25, Grid 10

LOT NO.

4

ROAD AND DESCRIPTION

12845 Linden CHURCH Road

Liber 0475 Folio 196

Route 32 to Linden Chapel Road, right on

Linden Chapel Road to lot on right.

SIZE OF LOT

5 acres more or less

TYPE BLDG.

undeveloped
single family dwelling planned

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.

SIGNATURE OF APPLICANT

Walter Bowman

APPROVED BY

Stephen S Kill

FOR

Dry Well

DATE

2/23/80

REJECTED BY

FOR

DATE

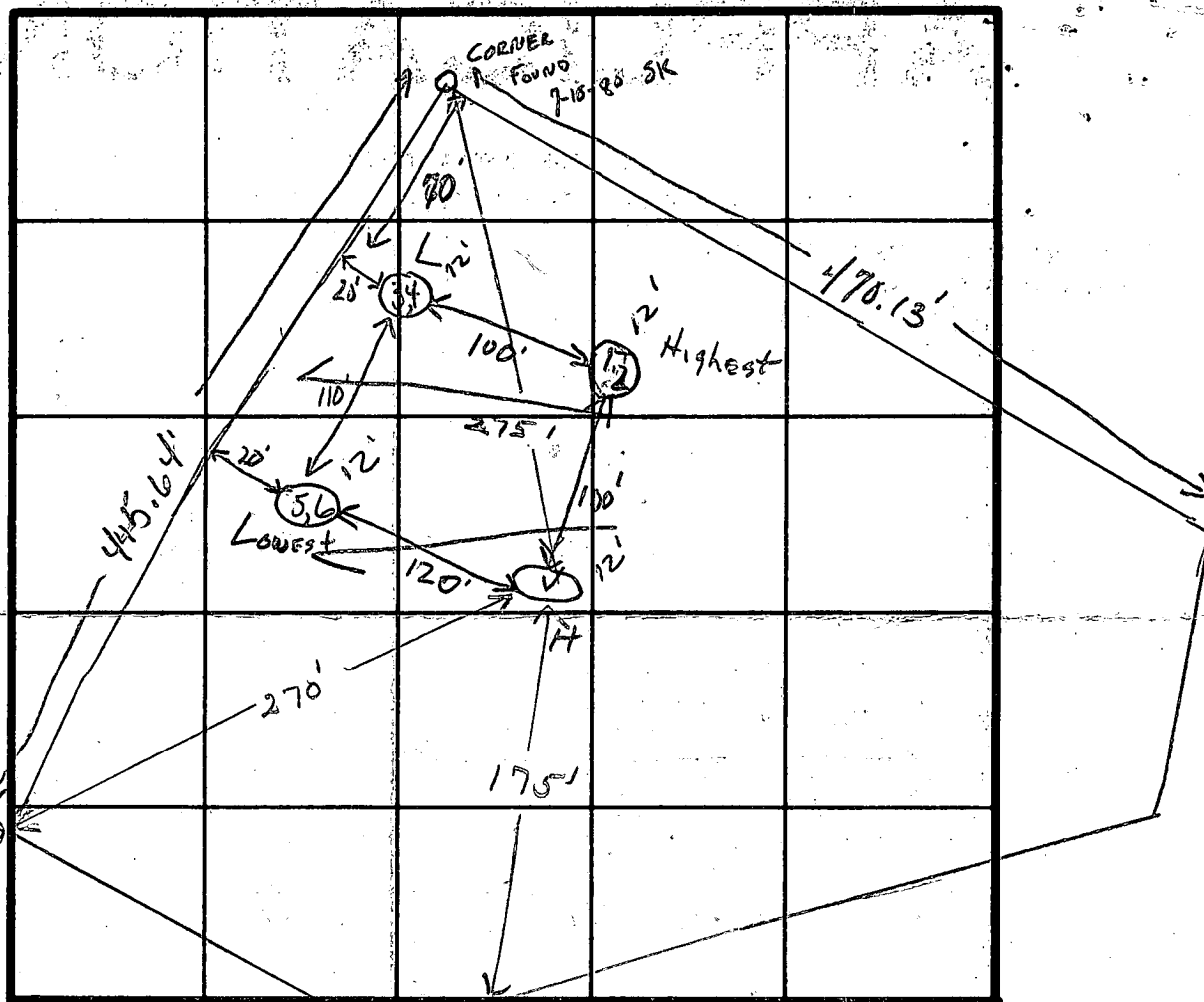
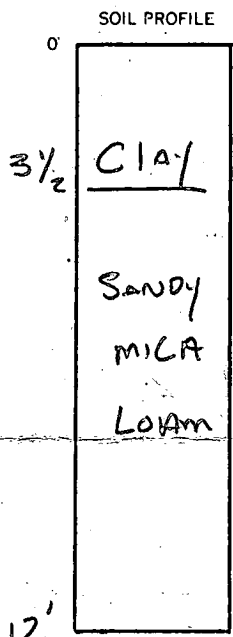
HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

Hold for certified holes SK+JS 7-10-80

THIS IS NOT A PERMIT



FIELD SHEET
TESTS NOT PER STAKE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Rt of Wm

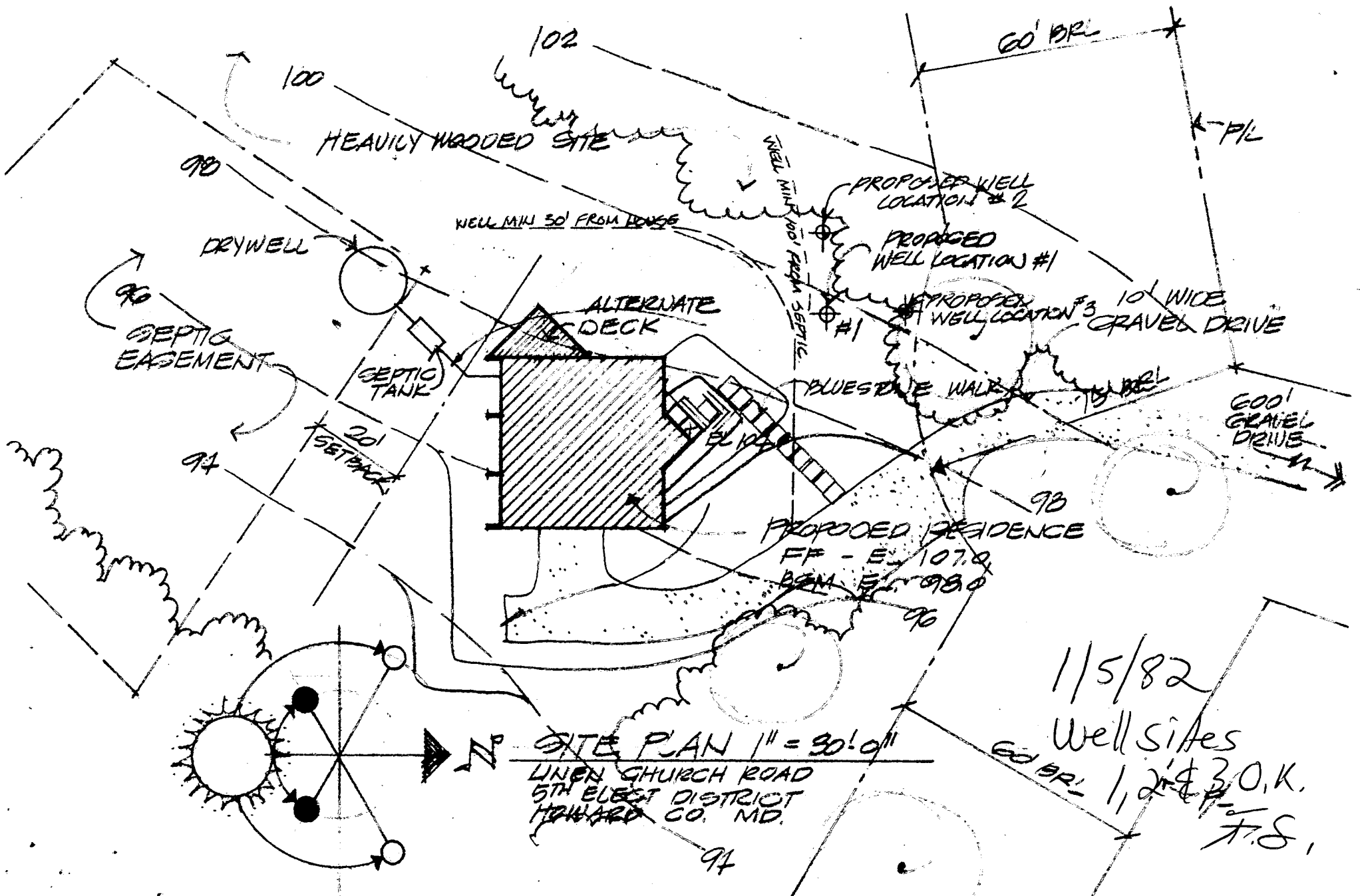
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7-10-80	1	3 1/2	3:00	3:01	3:01	3:04	3 min	
	2	12	3:00	3:02	3:02	3:07	5 min	
	3	3 1/2	2:50	2:51	2:51	2:54	3 min	
	4	12	2:50	2:54	2:54	3:02	8 min	
	5	4'	2:30	2:32	2:32	2:34	4 min	
	6	12'	2:30	2:38	2:38	2:52	14 min	
	v	12'	1:3 1/2	clay	3 1/2 - 12"	mica	LOAM	

REMARKS WOODED LOT Hold For certified holes SK + J.S.

TYPE OF SOIL

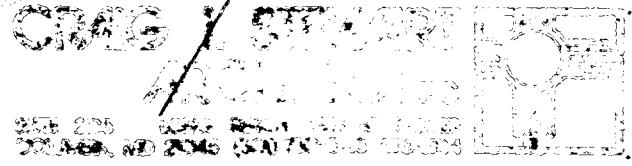
TESTED BY SK + JS 7-10-80

ALSO PRESENT J. WELSH
M. SKIPPER



WELSH RESIDENCE

1/5/82
 Well sites
 1, 2 & 3 O.K.
 F.S.



B 1 4942 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

H0-73-4097

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

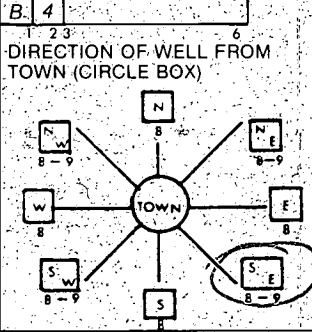
please print or type

fill in this form completely

Date Received 1/30/82 (OEP Use Only) 13
OWNER INFORMATION
Last Name 15 Welsh, Owner, 34 Name Gerald
Street or RFD 7213 Silexsoft Cir
Town 57 Clonanda, State, 76 Zip 21045

B 3 LOCATION OF WELL
COUNTY 8 Howard 21
SUBDIVISION
SECTION 23 44 46 LOT 48 50
NEAREST TOWN 52 Dayton 71
MILES FROM TOWN (enter 0 if in town) 73 M 1

B T Continued DRILLER INFORMATION
Driller's Name George Eastuda / 40
Firm Name Franklin Eastuda Drss
Address 9265 Brown Church Rd Md
Signature Mungo Eastuda Date 12-15-81



Linden Church Rd.
NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST 32 EAST SOUTH
DISTANCE FROM ROAD 600 (CIRCLE APPROPRIATE BOX) FT 38 39

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. 50' casing
2. 2' ave. gr.
3. 45' open
10' bags cement
WRITE THE BOX NUMBER FROM THE MAP HERE
810 1
500 7
Location OK

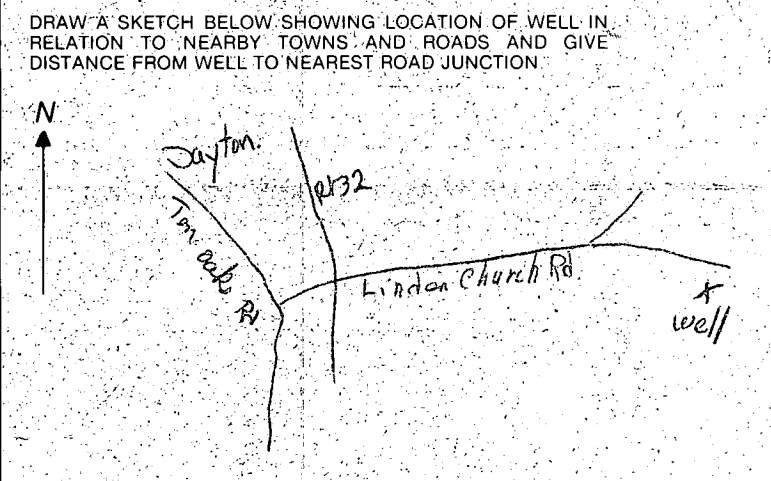
- USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC ROTARY)
CABLE REVERSE ROTARY DRIVE POINT
other

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE FS WRITE INITIALS IN BOX PERMIT No. H0-73-4097

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME HOWARD COUNTY NO. A30739
OEP SIGNATURE DATE ISSUED 910583 CO SIGNATURE Frank Shinner
NORTH GRID 807 EAST GRID 0811 EXPIRES 070582

B 5 SPECIAL CONDITIONS 8-63

C1 1387

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.

COUNTY NUMBER A30739

Date Received (OEP use only)

DATE WELL COMPLETED

1 27 82

Depth of Well

320

(TO NEAREST FOOT)

PERMIT NO.

FROM PERMIT TO DRILL WELL

HO-73-7097

OWNER WELSH last name

GERALD first name

STREET OR RD Linden Church Road TOWN Dayton

SUBDIVISION SECTION LOT

WELL LOG

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top soil	0	3	
Shaley	3	35	
SANDstone	35	75	
MICA	75	85	
SANDstone	85	90	
MICA	90	225	
FLINT	225	230	
MICA	230	285	
FLINT	285	291	
MICA	291	320	

GROUTING RECORD

WELL HAS BEEN GROUTED YES NO

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 10 NO. OF POUNDS 1000

GALLONS OF WATER 50

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 45 ft.

48 TOP (enter 0 if from surface) 52 ft. to 54 BOTTOM 56 ft.

CASING RECORD

insert appropriate code below

ST STEEL CO CONCRETE

PL PLASTIC OT OTHER

MAIN CASING TYPE

Nominal diameter top(main)casing (nearest inch) 6

Total depth of main casing (nearest foot) 50

OTHER CASING (if used)

diameter inch. depth (feet) from to

SCREEN RECORD

screen type or open hole

insert appropriate code below

ST STEEL BR BRASS BRONZE PL PLASTIC

HO OPEN HOLE OT OTHER

DEPTH (nearest ft.)

7.0 48 320

CIRCLE APPROPRIATE BOX

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE

SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

W O

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 seq no

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 7

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL (distance from land surface) BEFORE PUMPING 43

WHEN PUMPING 186

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 YES NO

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft)

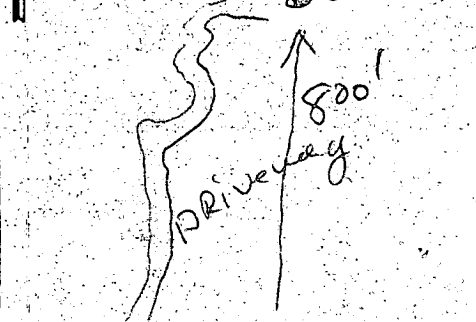
CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE

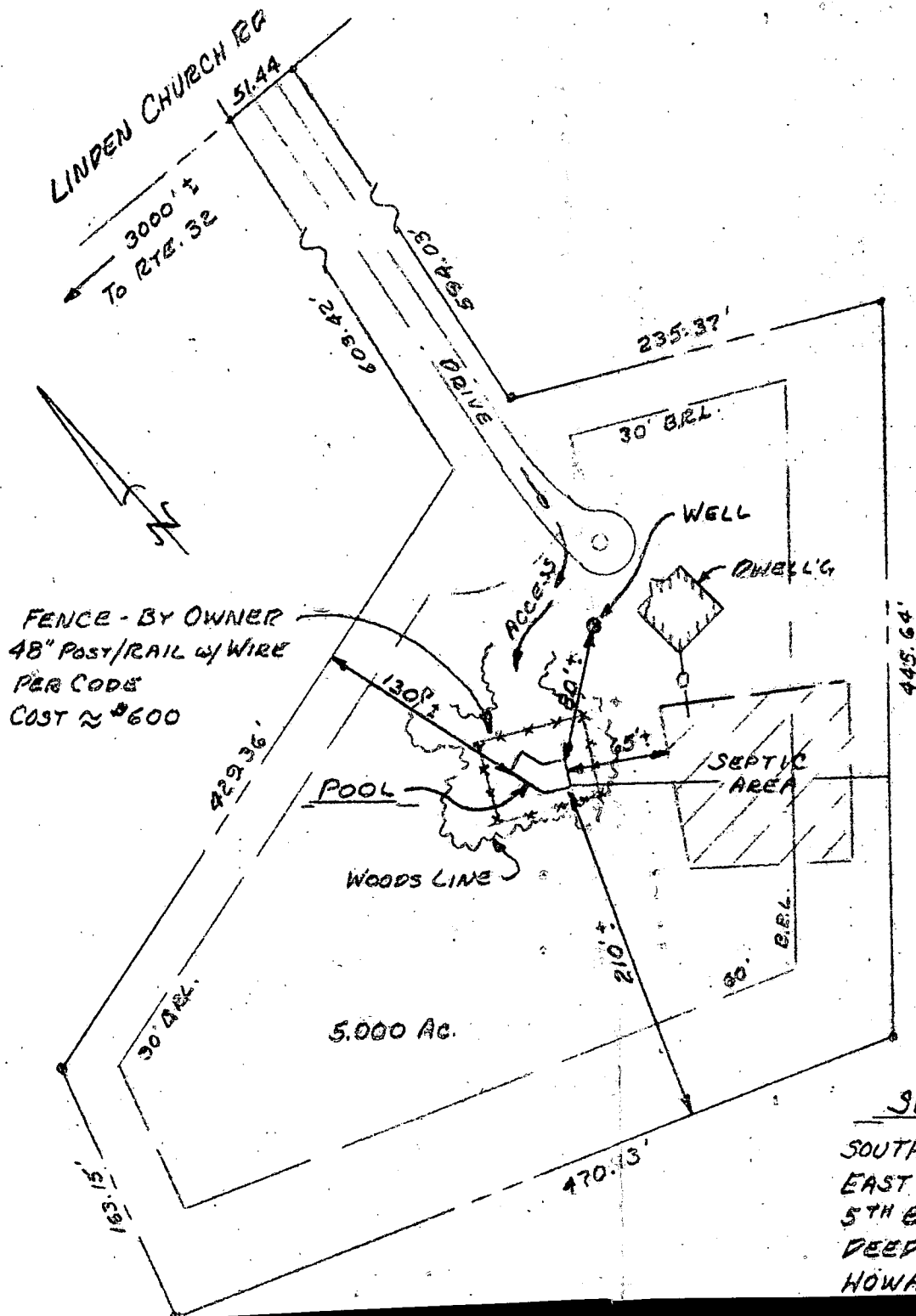
- below 2 (nearest foot)

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)



POOL ELEVATION:

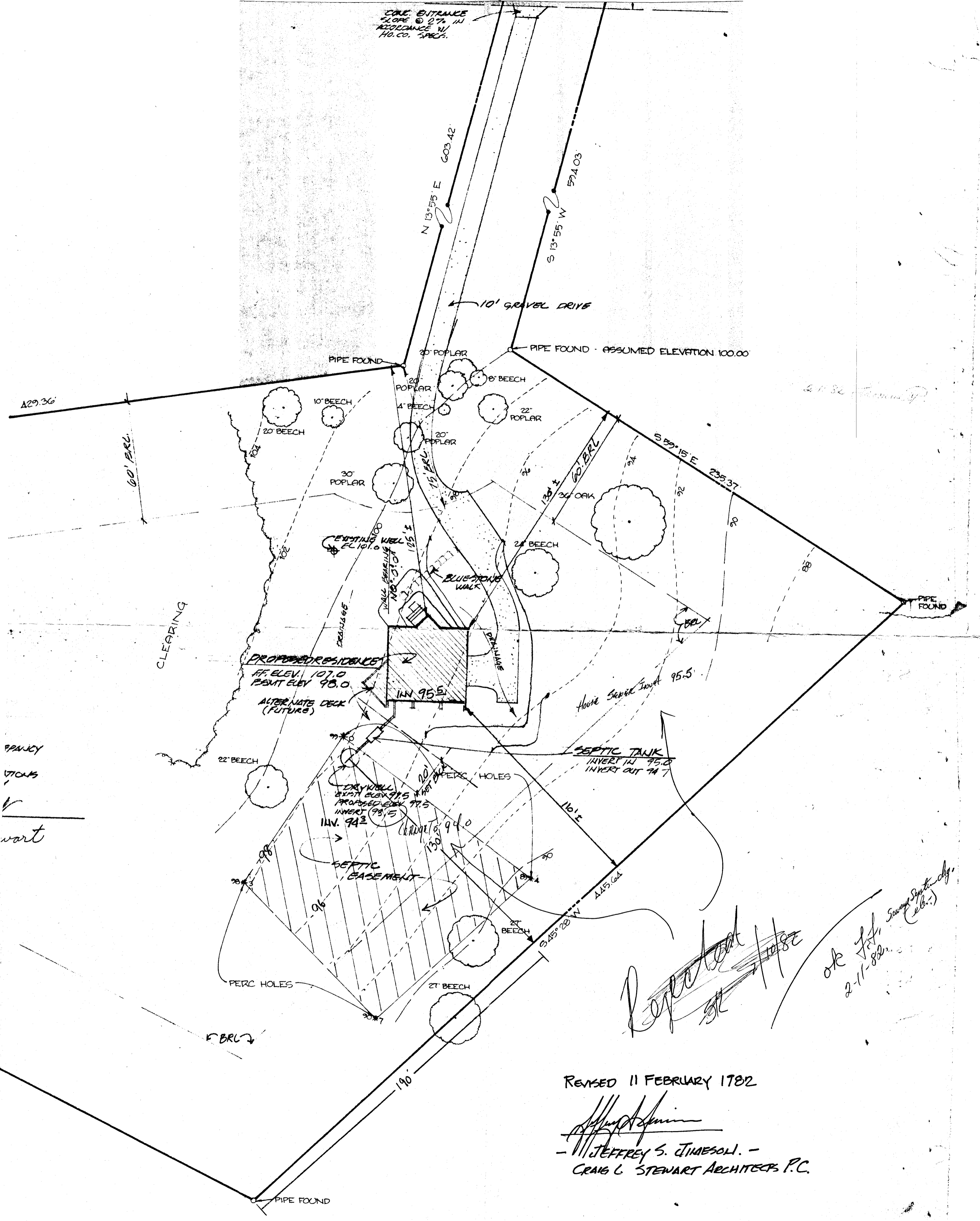


10/7/82
sketch OK
G.S.

SCALE 1" = 100

SITE PLAN
SOUTH SIDE LINDEN CHURCH RD
EAST OF MARYLAND RTE 32
5TH ELECTION DISTRICT
DEED 1010 / 746
HOWARD COUNTY, MD

CORE ENTRANCE
SLOPE @ 0.7% IN
ACCORDANCE W/
HO. CO. SPECS.



FRANCY
VISIONS
wart

Respected
ok *Jeff*
2-11-82
Sewage Dept. chg.
(elb.)

REVISED 11 FEBRUARY 1982
Jeffrey S. Jameson
- JEFFREY S. JAMESON -
CRAIG L. STEWART ARCHITECTS P.C.

THIS DESIGNATES A PRIVATE SEWERAGE ESMT. OF 10,000⁺ AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY KIND IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE & SERVICING ANY RESIDENTIAL STRUCTURE ON THIS BUILDING SITE. THIS ESMT. SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM.

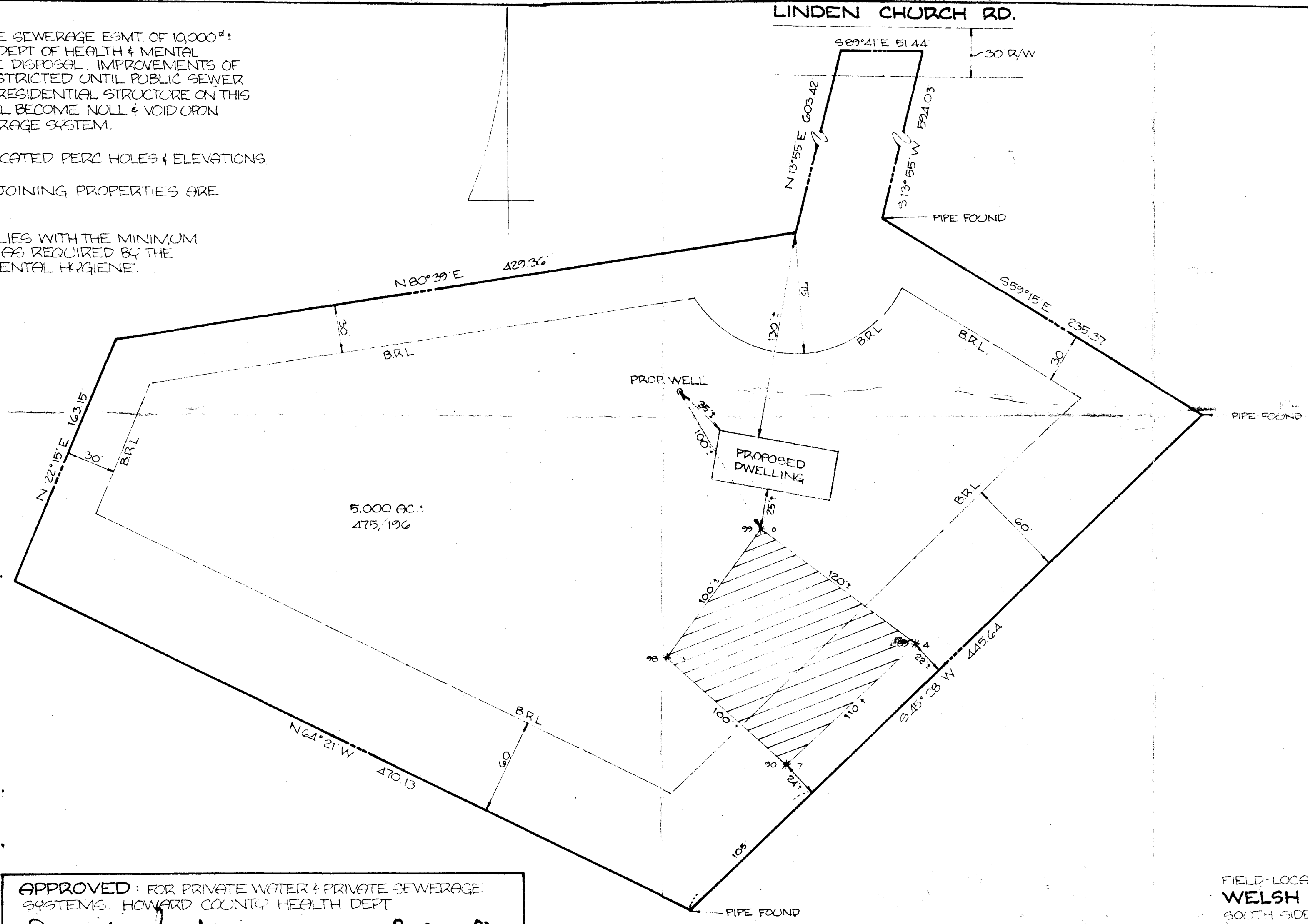
*1 THIS DESIGNATES FIELD-LOCATED PERC HOLES & ELEVATIONS

WELLS & SEPTIC SYSTEMS ON ADJOINING PROPERTIES ARE SHOWN WHERE APPLICABLE

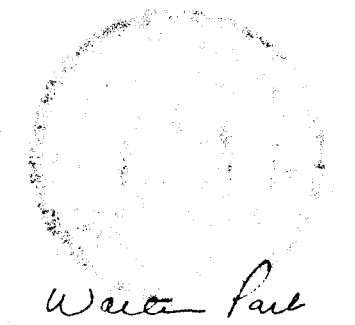
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.

TAX MAP 28, PARCEL 68

DEED: 175/196



5,000 AC :
475,196



Walter Park
WALTER PARK
PROFESSIONAL L.S. #5539
HUDKINS ASSOCIATES, INC.
231 JOSEPH SQUARE
COLUMBIA, MD. 21044

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPT.
Joseph J. Hughes
COUNTY HEALTH OFFICER
8-20-80
DATE

FIELD-LOCATED PERC HOLES
WELSH PROPERTY
SOUTH SIDE LINDEN CHURCH RD., EAST OF RTE. 32
5th ELECTION DISTRICT
HOWARD COUNTY, MD.
AUGUST 19 1980
SCALE: 1"=50'