

03-287564

approved 2/6/80
J. Stayer

PERMIT

P 29927

A 25690

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 6/18/79
4/30/79

INDEXED

4/14/80
2/6/80

Souder Builders IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION _____ ROAD 3721 Ivory Road LOT 2B

PROPERTY OWNER Donald Souder Barnhart

ADDRESS Triadelphia Mill Road, Dayton, Md.

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

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

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 130 SQ. FT. per bedroom.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 200 FT. FROM front LOT LINE AND 25 FT. FROM right LOT LINE AS SEEN WHEN
FACING LOT FROM Ivory Road.

PLANS APPROVED BY Raymond Hodges DATE 12/5/77

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 25690

APPLICATION

A 25690

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 3rd

DATE 4/22/77

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 HOWARD ASSOCIATES

ADDRESS Suite 118, Teachers Bldg., Columbia, Md. PHONE _____

PROPERTY LOCATION: Lot 384 Combined Form New 2B

SUBDIVISION _____ LOT NO. 4

ROAD AND DESCRIPTION Ten Oaks Road

SIZE OF LOT 1.288 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/ Joel Abramson

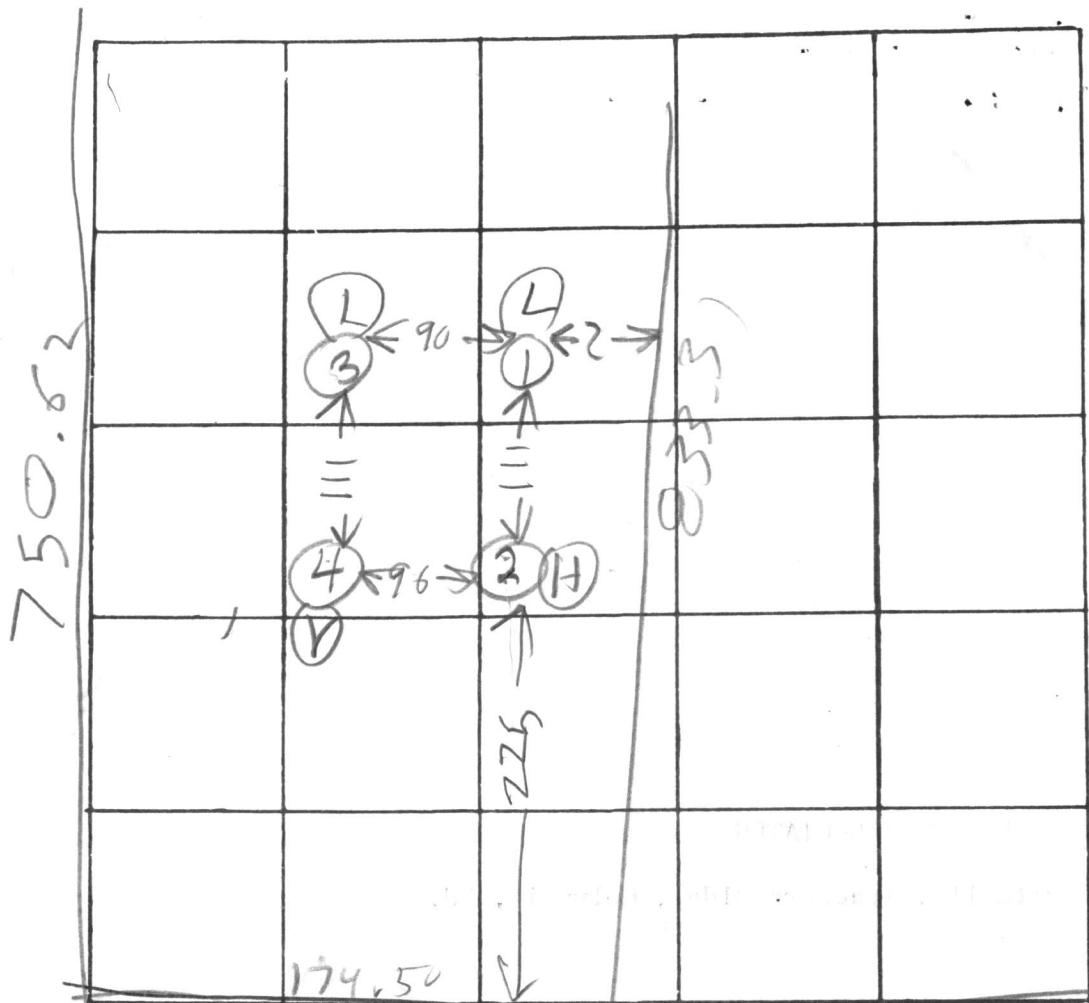
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

IVORY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/4/77	1D	1 1/2	334	339	339	350	11
	1S	4 1/2	333	336	336	339	3
	2S	3	337	345	345	357	12
	2D	12	337	344	344	354	10
	3S	3	341	348	348	354	6
	3D	12	355	408	408	424	16
	4V	1 1/2	TOP 3 FT	CLAY	9 1/2 FT	SAND	
10/14/77	1EP	13	TOP 4 FT	CLAY	9 FT	SAND	

air lime
8 men

REMARKS 10/4/77 Certify Hole sites

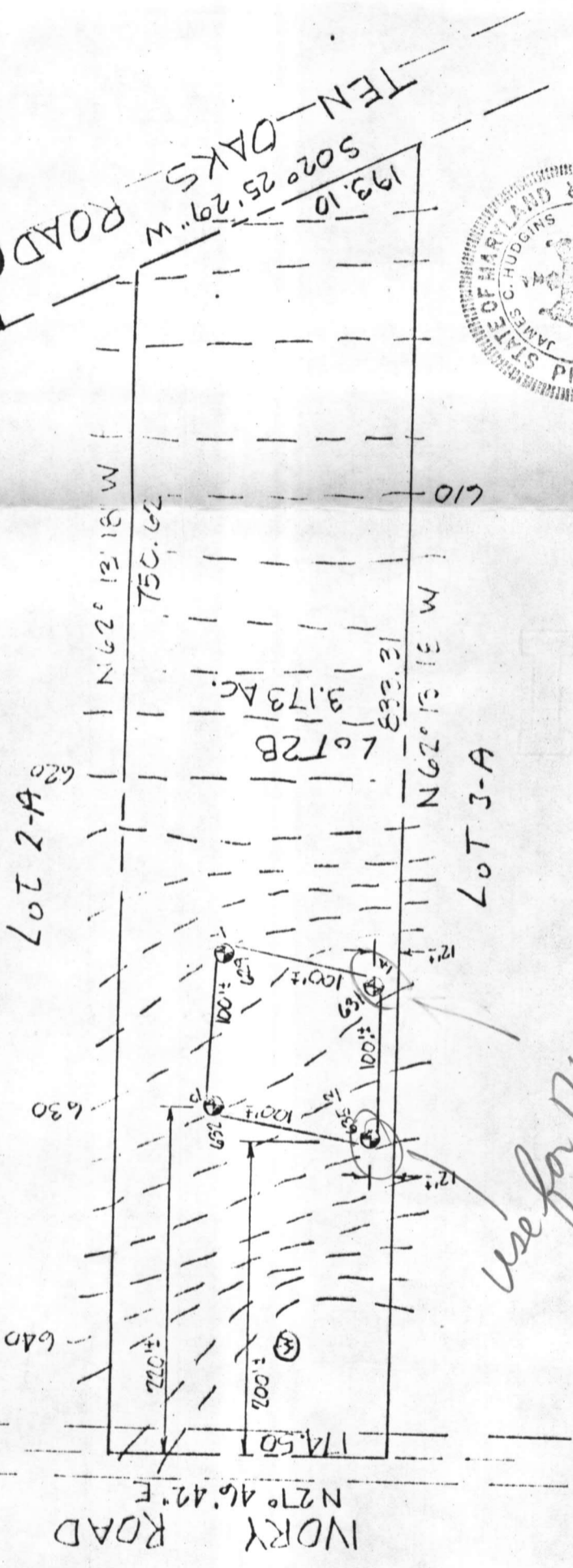
TYPE OF SOIL _____

TESTED BY B. Hodges ALSO PRESENT: Fryock Co
Lot 2B

The lot shown hereon complies with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

APPROVED: Private Water and Private Sewer

J. Carl Hudgins
 Howard County Health Officer date 11-30-77



⊗ = Proposed well
 ⊕ = Perc holes field located.

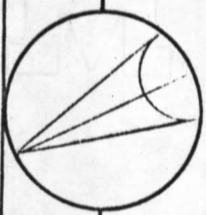
use for DW

Owner: Howard Associates
 Suite 117, Teachers Building
 Columbia, Maryland 21044

J. Carl Hudgins
 J. CARL HUDGINS
 No. 96

PROJECT No. 4547 W. O. No. 4556

REFERENCE



MERIDIAN

RICHARD P. BROWNE ASSOCIATES
 CONSULTING ENGINEERS, PLANNERS
 WAYNE, N.J. COLUMBIA, MD.

MAP OF PROPERTY OF
HOWARD ASSOCIATES

SITUATED IN

3rd Election District Howard County, Md.

SCALE: 1" = 100'

DATE: 11-1-77

DRAWN _____ CHECKED _____

C 1 **4234** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER 027-597

DATE RECEIVED (WRA USE ONLY) _____

DATE WELL COMPLETED July 11, 1978

DEPTH OF WELL 185

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-3-2085

DRILLERS IDENTIFICATION NO. 223

OWNER Soulders LAST NAME Donald FIRST NAME Dayton

STREET OR RFD 14269 Tidewater Mill Rd. POST OFFICE Dayton

WELL DESCRIPTION

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Top Soil	0	2	
Sandy	2	11	
Sand Stone	11	40	
Micka	40	50	
Sand Stone	50	55	✓
Micka	55	130	
Sand Stone	130	133	✓
Micka	133	185	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)*

CEMENT BENTONITE CLAY

NO. OF BAGS 5 NO. OF POUNDS 500

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 21 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 23

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

SCREEN

DEPTH (NEAREST WHOLE FOOT)

FROM 21 TO 185

SLOT SIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 50 (NEAREST FOOT)

WHEN PUMPING 185 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR PISTON TURBINE

CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)

JET 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 NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) _____

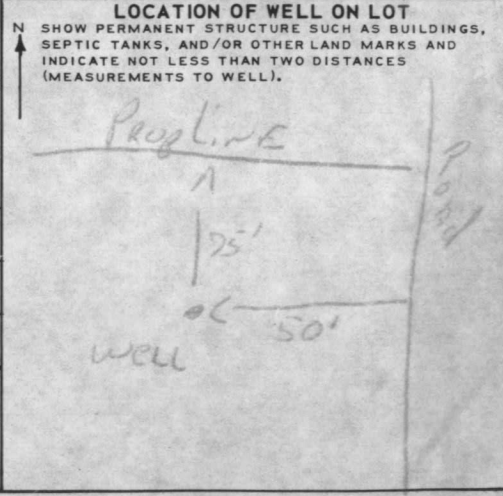
PUMP HORSE POWER _____

PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE BELOW

LAND SURFACE 2 (NEAREST FOOT)



CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

TEST WELL CONVERTED TO PRODUCTION WELL

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.

DRILLERS NAME Ralph Mayne

SIGNATURE Ralph Mayne

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

MIL 20 9 39 AM '78

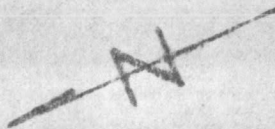
DIVISION OF
ENVIRONMENTAL
HEALTH

Ten Oaks Rd.
193.10'

Lot 2B
3.173 AC.

750.62'

633.15'



Souder Builders Inc
14269 Triadelphia Mill Rd
Dayton Md 21036
Phone 725 5772
Scale 1" = 100'

4-17-78.
elev. & location of
F.F.

House Inv.	631.	
Tank Inv.	630.33	> 3'
Existing Elev at Tank	639.	
Drywell Inv.	627.	> 3'
Exist elev at dry well	630.	
Elev at line of perc.	630.	

FFElev. 641'
Base Elev. 632'

Well Elev. 640'
ErisT.

3721 Ivory Road

I certify the measurements
& elev. are actual & correct for this lot

Daniel L. ...

725-5772

