

7/5/90 ✓ ASAP + PM (2:30:00)

1007 D - 05-353459

File

7/5

① P.C.O. A.M.
C.B.D.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

P 46091

A 45035

DISTRICT 5th

DATE 6/26/90

DATE SYSTEM APPROVED 7/5/90

INSPECTOR C.B.D.

INDEXED

Wesmar Corp.

IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Mary Hill ROAD 4565 Ten Oaks Road LOT _____

PROPERTY OWNER Robert Thompson

ADDRESS _____

~~EXCESSIVE GROUNDWATER USE INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~EXCESSIVE GROUNDWATER USE~~ YES ~~XXXXXXXXXXXX~~ NO ~~XXXXXXXXXXXX~~

SEPTIC TANK CAPACITY 1500 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start trenches 110' from Ten Oaks Road 80' off right lot line. Run trenches on contour to right side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. JEN 6-26-90

PLANS APPROVED BY Charles Streaker/Jane Nadeau cm DATE 06/19/90

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

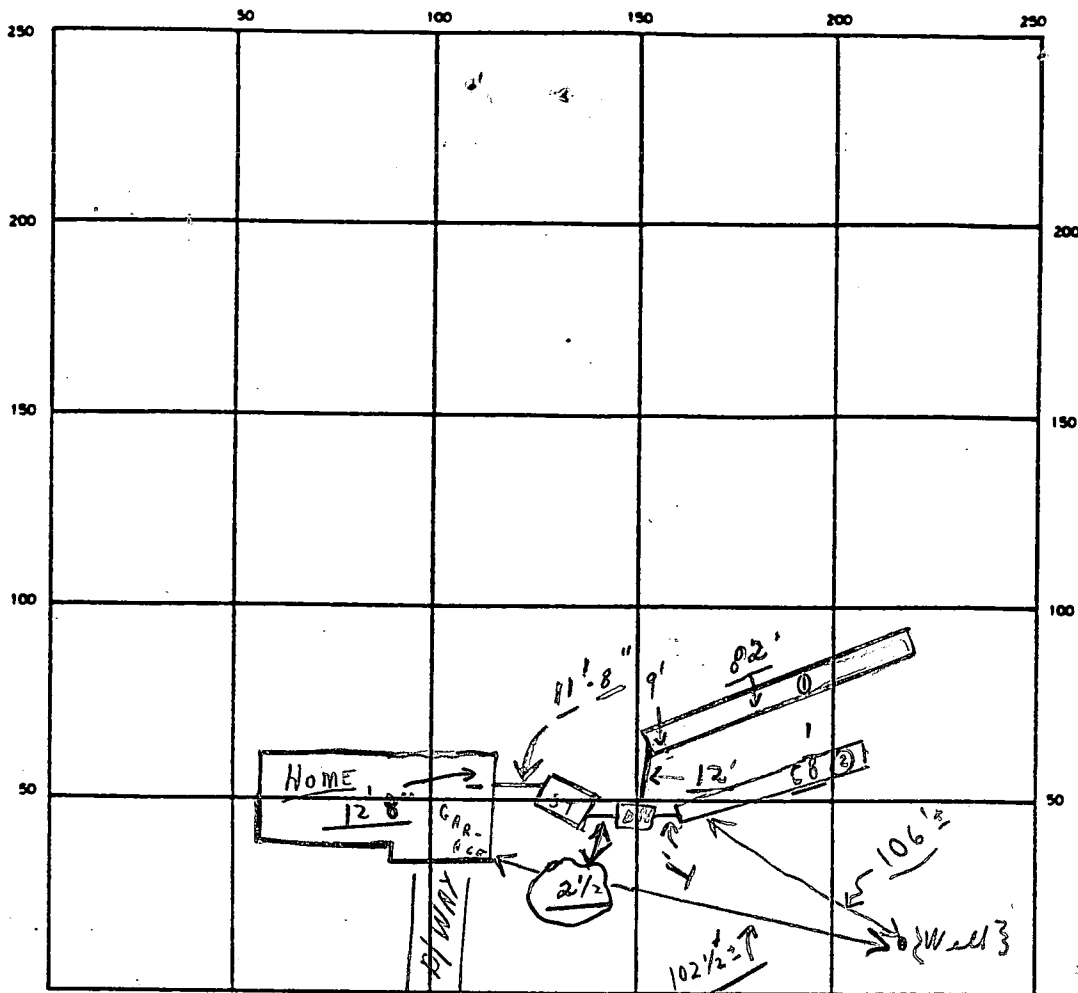
PERMIT VOID AFTER TWO YEARS

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

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

← Glenely

Ten Oaks Road S.O.T.

→ Dayton

SEPTIC TANK. LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK (Bottle is in)

DRAIN FIELD/TILE FIELD. DEPTH 9 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 82' + 68' = 150' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 750⁺ SQ. FT.

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

ABSORBENT AREA 750 SQ. FT.

REMARKS 7/5/90 A.M. - Partial trenches ok for stone; system larger
than called for; ok to cover from house to D.B. only.
P.M. Final - OK TO COVER ALL WORK. C.B.

7/5/90

Charles Bryan Street

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 45035

P _____

DISTRICT _____

DATE 10/5/89

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 MARY HILL ET AL Robert L. Thompson H-946-7803

ADDRESS 6642 SENECA DR., COLUMBIA, MD 21045 PHONE 992-4191
 {T/C 10/17 9:25a no ans }
 1/c 2

PROPERTY LOCATION: _____

SUBDIVISION 4565 LOT NO. _____

ROAD AND DESCRIPTION TEN OAKS ROAD (ADJOINING PROPOSED RUTHERFORD SUBDIVISION)

SIZE OF LOT 44,715 SF (1.03 Ac.) TYPE BLDG. 4 (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 _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/17 A.M. Hold due to wet - rain falling.

Rescheduled for 1:30 P.M. - Hold see plat. c. 80

BUDG. PERMIT SIGNED

AND RETURNED 4/6/90

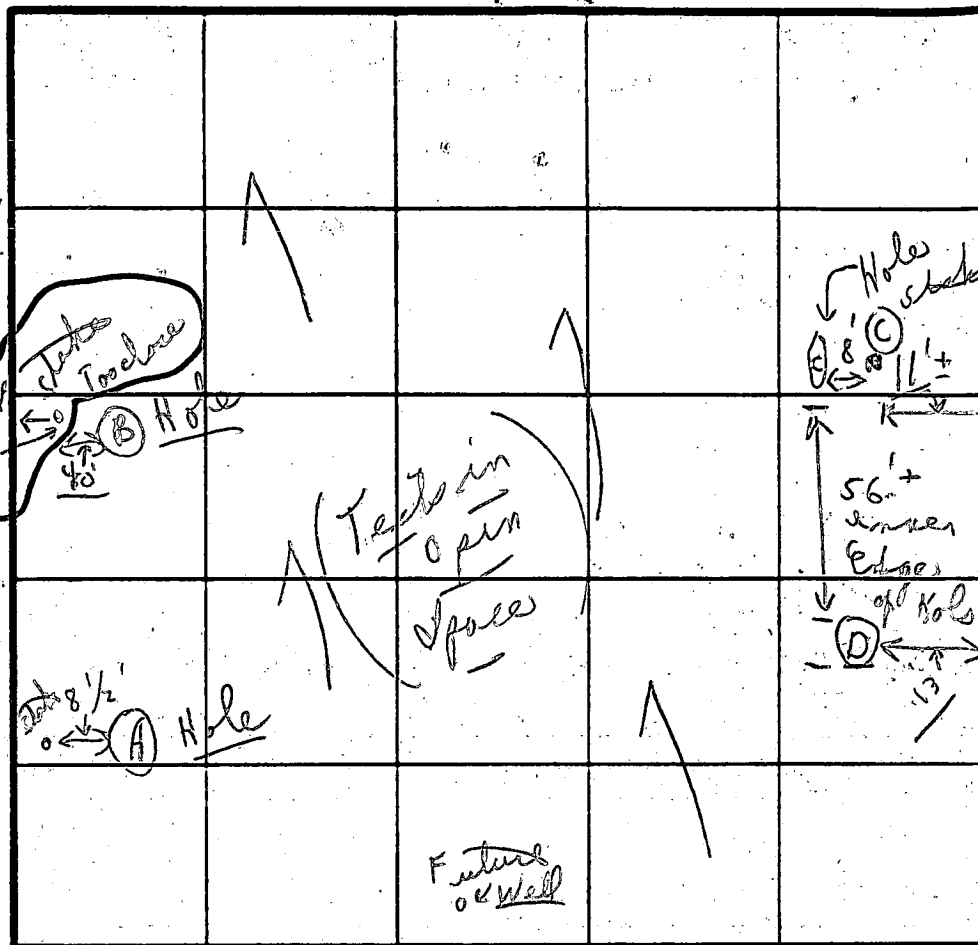
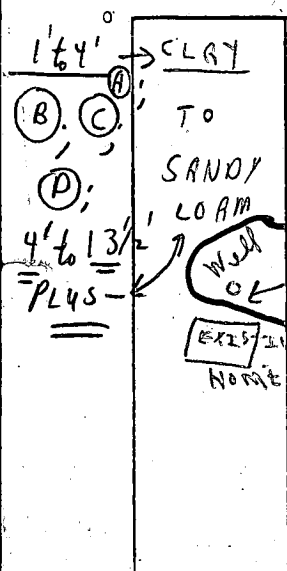
Serial # 31941 SFP

THIS IS NOT A PERMIT

A# 45035

ALL HOLES

SOIL PROFILE



GLENELG ←

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TEN OAKS RD

→ DAYTON

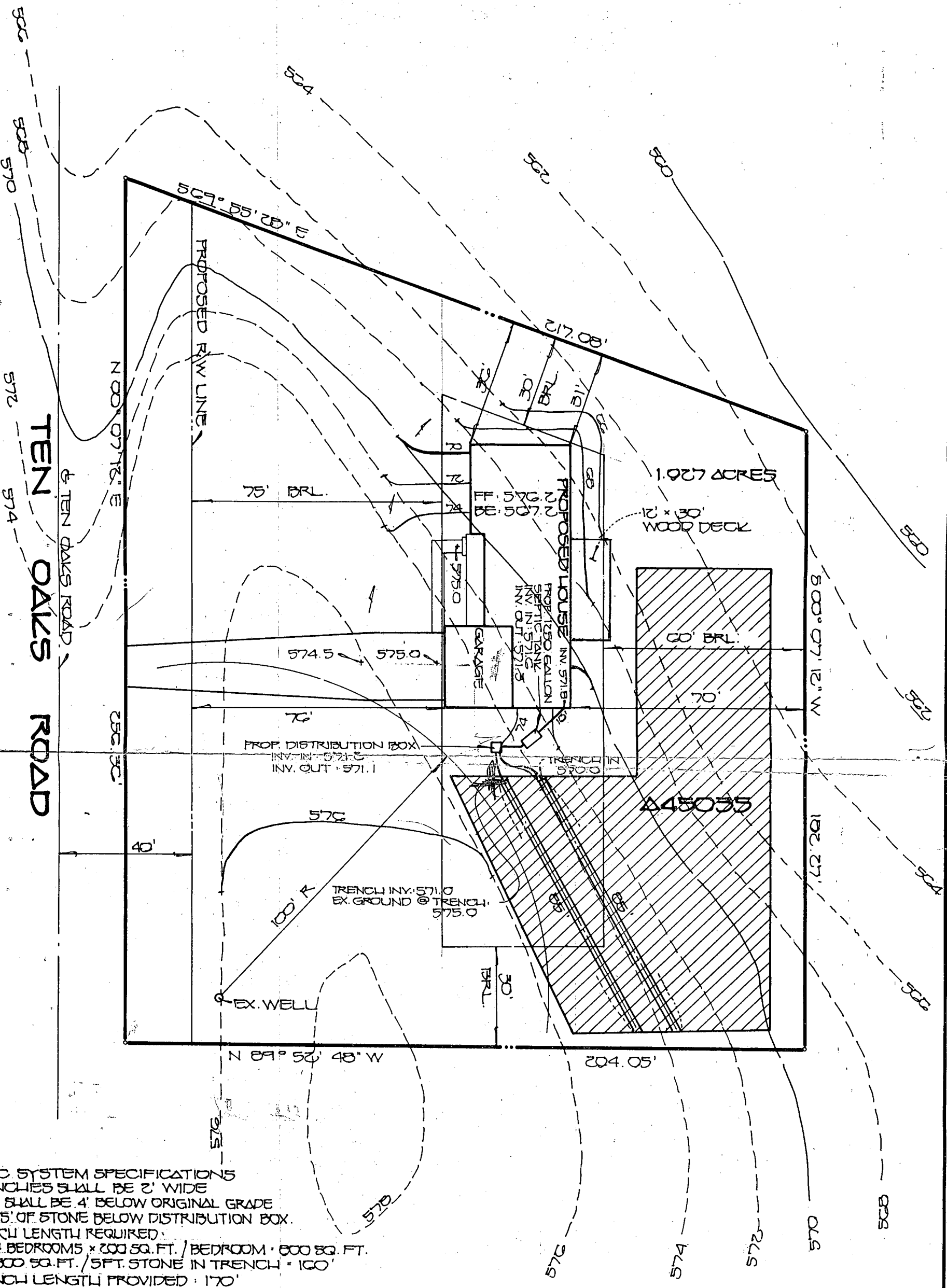
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/17/89		4'	1:41	1:43	1:43	1:45	2m
	(A) →	13' 10"	4' Sandy loam				
		4'	1:52	1:53	1:53	1:55	2m
	(B)	13 1/2'	Visual Sandy loam			10' ± Rotten sand rock	
		4'	2:02	2:03	2:03	2:04	1 1/2m
	(C)	14'	Visual			Loam	
		4'	:	:	1'-14' clay		
New	(D)	4 to 14'			Visual Sandy loam		

REMARKS 10/17/89 A.M. RAIN - NO TESTS 1' Rev in RAIN / C.W. P.M. 10/17 C.B. New holes

A.M. HOLES STAKED - HOLES WET - OPEN - 1 HRS / BIGGER

TESTED BY C. BO P.M.

ALSO PRESENT { NEW BUYER, MURRAY BACK HOE DIGGER } A.M. & P.M.



- SEPTIC SYSTEM SPECIFICATIONS**
- TRENCHES SHALL BE 2' WIDE
 - INLET SHALL BE 4' BELOW ORIGINAL GRADE WITH 5' OF STONE BELOW DISTRIBUTION BOX.
 - TRENCH LENGTH REQUIRED:
4 BEDROOMS 5' x 200 SQ. FT. / BEDROOM 800 SQ. FT.
800 SQ. FT. / 5 FT. STONE IN TRENCH = 100'
 - TRENCH LENGTH PROVIDED = 170'

4/6/90
PLANS OK
RH

FISHER, COLLINS & CARTER, INC
CIVIL ENGINEERS AND LAND SURVEYORS

8828 COURT AVENUE
ELICOTT CITY, MARYLAND 21043
TEL: (301) 401-7855 FAX: (301) 401-5784

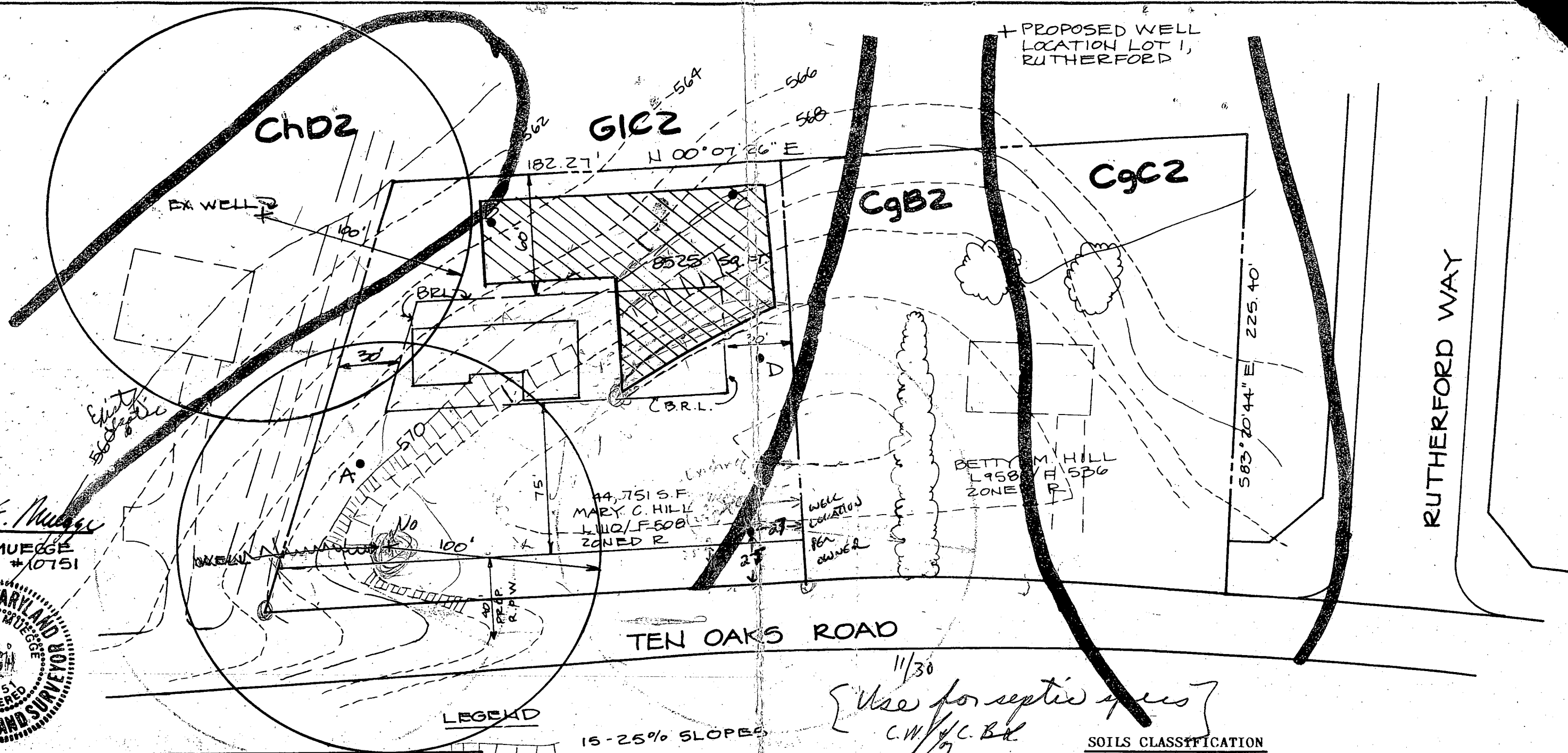
OWNER

ROBERT L. THOMPSON
3929 HAVARD STREET
SILVER SPRING MARYLAND 20906

PLAT TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT

4565 TEN OAKS ROAD

FIFTH ELECTION DISTRICT
TAX MAP: 28 BLOCK: 2 PARCEL: 173
HOWARD COUNTY, MARYLAND
MARCH 27, 1990 SCALE: 1" = 40'



Arthur E. Muegge
ARTHUR E. MUEGGE
#10751



LEGEND

- 15-25% SLOPES
- 25%+ SLOPES

APPROVED: For private water and private sewerage systems

COUNTY HEALTH OFFICER

DATE

PLAN C:

HOUSE IN CORNER OF SETBACKS
YIELDS SEPTIC AREA 8525 S.F.

NOTE: WE CERTIFY THAT ALL WELLS AND SEPTIC
AREAS WITHIN 100 FEET OF THE PROPERTY
HAVE BEEN SHOWN TO OUR BEST KNOWLEDGE.

ROBT L. THOMPSON
3929 HARVARD ST.
SILVER SPRING, MD 20906

- CgB2 Chester gravelly silt loam, 3 to 8 percent slopes, moderately eroded
- CgC2 Chester gravelly silt loam, 8 to 15 percent slopes, moderately eroded
- ChD2 Chester silt loam, 15 to 25 percent slopes, moderately eroded
- GIC2 Glenelg loam, 8 to 15 percent slopes, moderately eroded

**PERCOLATION CERTIFICATION PLAT
FOR MARY HILL PROPERTY**

NOV. 17, 1989
RIEMER MUEGGE & ASSOCIATES, INC.
A Land Planning, Engineering and Consulting Firm
3105 North Ridge Road Ellicott City, Maryland 21043
301-461-2690 FAX: 301-750-3176

SCALE: 1" = 50'

C1 1160 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A# 45035

ST/CO USE ONLY DATE Received DATE WELL COMPLETED 120489 Depth of Well 400 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-88-1116

OWNER THOMPSON ROBERT L. last name first name TOWN DAYTON
STREET OR RFD TEN OAKS ROAD
SUBDIVISION MARY HILL PROPERTY 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 FROM TO Check if water bearing
SANDSTONE 0 59
GRAY MICH. ROCK 59 400

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N
TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC
NO. OF BAGS 16 NO. OF POUNDS 1514
GALLONS OF WATER 96
DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD
casing types insert appropriate code below
STEEL ST CONCRETE CO
PLASTIC PL OTHER OT
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
5 6 6.3

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

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

DEPTH (nearest ft.)
H 0 60 400
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min. to nearest gal.) 107
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 220
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 (CIRCLE) (YES or NO) 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) LAND SURFACE (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)

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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. 238
DRILLERS SIGNATURE
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)