

3/9/78
As early as possible please

PERMIT

P 27592
A 25281

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-360420

ELLICOTT CITY

DISTRICT 5th

DATE 2/23/78

INDEXED

3/28/78

John L. Crowley, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 10954 Eight Bells Lane, Columbia, Md. 21044 PHONE 596-5886

SUBDIVISION _____ ROAD 6931 Brooks Road LOT 2

PROPERTY OWNER Thomas E. Miller

ADDRESS 12500 Ivory Pass, Laurel, Md. 20811 Phone: 776-4791

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

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

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 135 SQ. FT. effective sidewall area per bedroom.

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 175 FT. FROM rear LOT LINE AND 115 FT. FROM right LOT LINE AS SEEN WHEN

FACING LOT FROM the right-of-way off Brooks Road.

Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground (towards the right side line) the necessary distance to make up total absorbent sidewall area needed in system.

PLANS APPROVED BY Frank Skinner DATE 3/2/77

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.

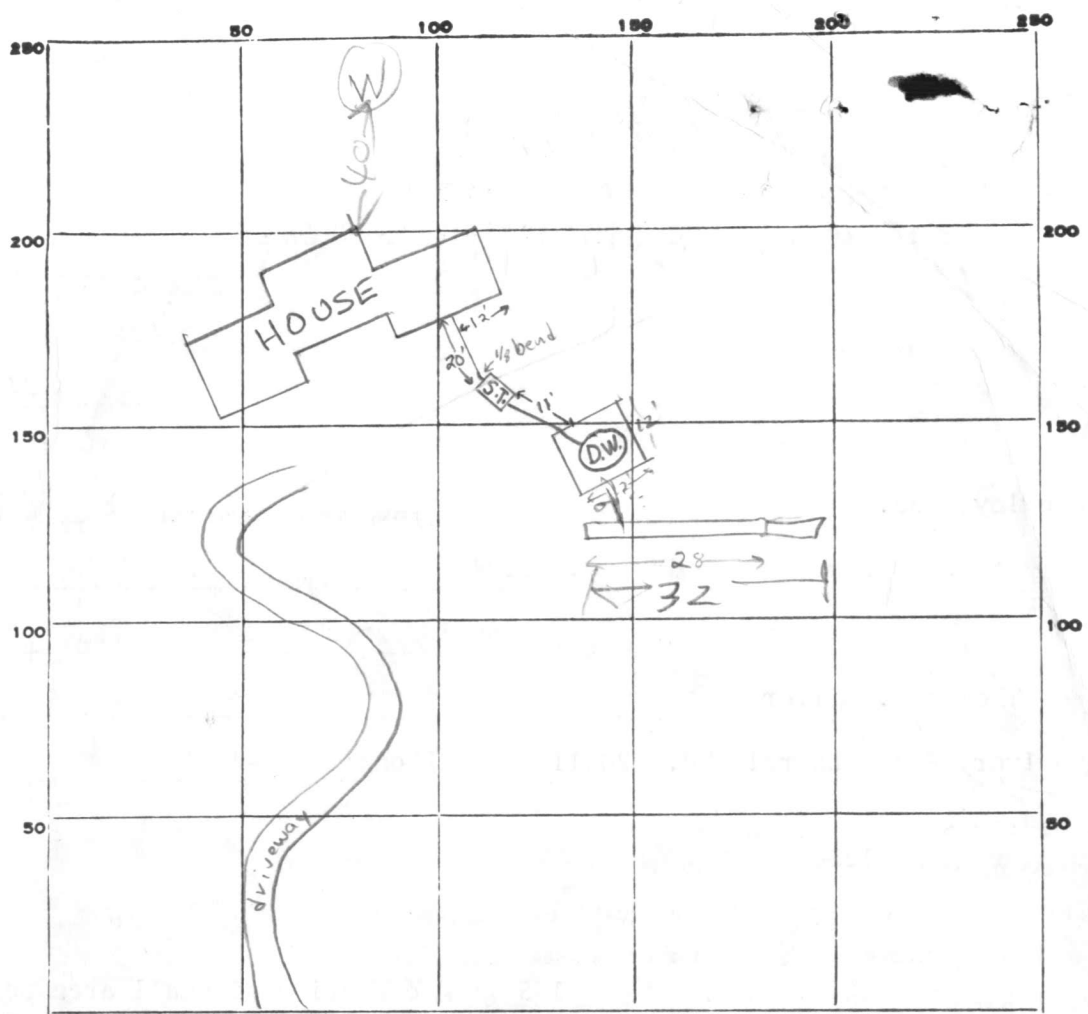
PERMIT VOID AFTER THREE YEARS.

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 25281

3/28/78 130PM - HOLES DRILLED
 PUT ON TAR PAPER & STONES
 & COVER RH



PERMIT CARD

SEPTIC TANK, LEVEL 1250 gal. CLEANOUTS

S.T.	D.W.
OK	OK

DISTRIBUTION BOX, LEVEL n.a.

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

GRAVEL DEPTH 7 FT. TOTAL LENGTH 32 FT.

NUMBER OF TRENCHES 1 $\frac{1}{2}$ SIDEWALL TOTAL BOTTOM AREA 224

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 7 FT. d.w. abs. area 336

Total ABSORBENT AREA 560 SQ. FT. TOTAL

REMARKS 3/9/78 Cement incoming cast iron pipe to septic tank; install cleanouts; install connecting pipe from drywell to trench; Trench dug 28' long gave o.k. to dig out to required 30' long and gravel trench cont another inspection F.S. 3/22/78 - DW inlet 4 1/2 FT deep Patch inlet 5 FT deep **ILLEGAL PIPE IN DITCH (PLASTIC WITH 3 SLITS)** REPLACE ILLEGAL PIPE IN DITCH. OR DRILL HOLES IN BOTTOM & COVER WITH TAR PAPER 120

DATE SYSTEM APPROVED 3/28/78 INSPECTOR Raymond Hodger

C 1 **3450** 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
FAWES 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

DATE RECEIVED (WRA USE ONLY) _____

DATE WELL COMPLETED 4-20-77

DEPTH OF WELL 180 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-1937

DRILLERS IDENTIFICATION NO. 42

OWNER MILLER, THOMAS LAST NAME FIRST NAME LAUREL MD

STREET OR RFD 12500 IVORY PASS POST OFFICE

WELL DESCRIPTION

WELL LOG

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	30	
SANDSTONE	30	135	
M.C.H.	135	180	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY

NO. OF BAGS 11 NO. OF POUNDS 110

GALLONS OF WATER 56

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 39 FT.

CASING RECORD

CASING TYPES: STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 44

OTHER CASING (IF USED)

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

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: STEEL BRASS OR BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT) FROM 40 TO 180

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

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 5

METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 60 (NEAREST FOOT)
 WHEN PUMPING 180 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX):
 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

LAND SURFACE 2 (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

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 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 LE EASTERDAY

SIGNATURE _____

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

13 9 34 AM '77

DIVISION OF
ENVIRONMENTAL
HEALTH

APPLICATION

A 25281

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

4 B.R.
1250 gal. septic tank

DISTRICT 5th

DATE 2/24/77

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

Retest
2/25/77
1:50 P.M.

3/2/77

2:00

Drywell & trench system to have 135 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil. Maximum depth of drywell or trench is 11 ft. below original grade. Place the drywell 175 ft. from the rear lot line and 115 ft. from the right side line as seen when facing the lot from the R/W off Brooks Rd. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground (towards the right side line) the necessary distance. NOTE: Call for inspection of trench before gravel is installed

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

NOTE: Manhole type clearout to grade required on septic tank.

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER THOMAS E MILLER & WF

ADDRESS 12500 IVORY PASS, LAUREL, MD. PHONE 776-4791

PROPERTY LOCATION:

SUBDIVISION (Mr. Singer property) LOT NO. 2

ROAD AND DESCRIPTION BROOKS RD. E S
HIGHLAND Crowley bldg 596-5886

SIZE OF LOT 5.783 ACRES TYPE BLDG. 4 B.R. HOME
NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

BLDG. PERMIT SIGNED
AND RETURNED 6/7/77
Serial No. 32279

SIGNATURE OF APPLICANT Thomas E Miller

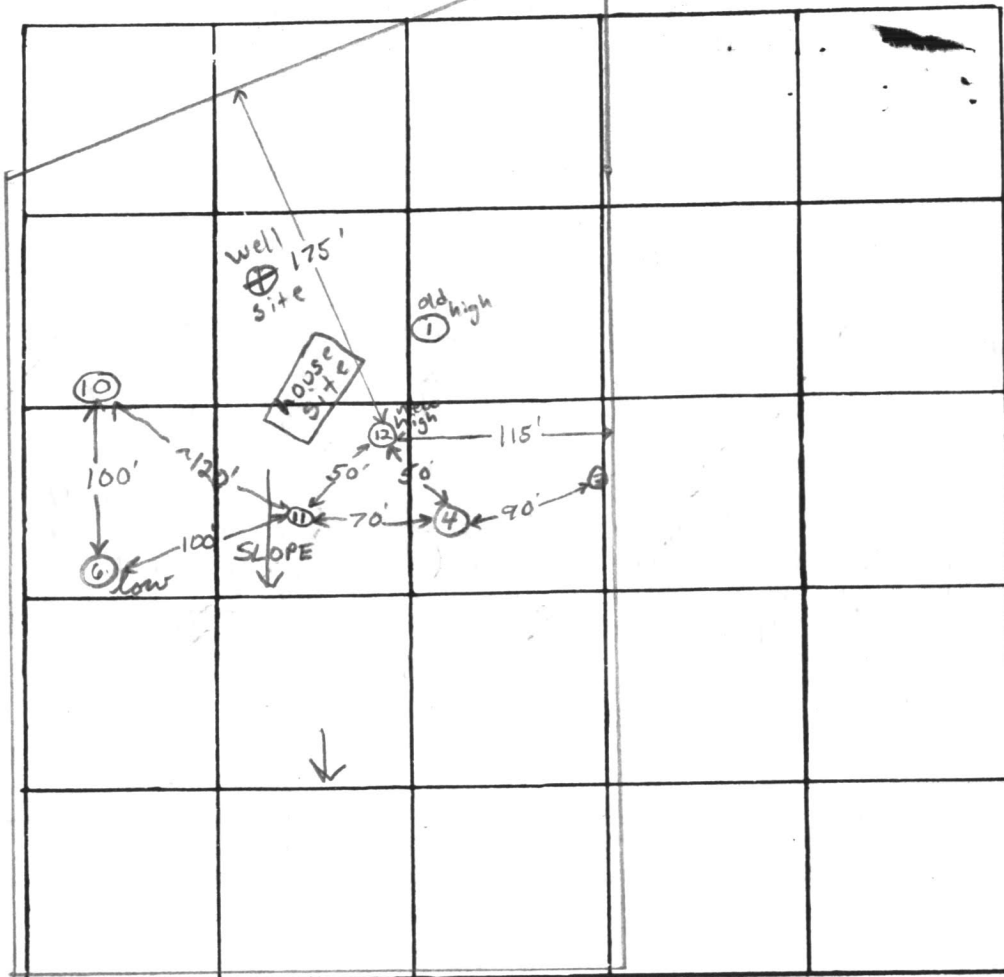
APPROVED BY Frank Skennic FOR Drywell & trench DATE 3/2/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Hold for copy of new plat - this lot is
new at least 15 acres Fr. S. O.K. other 10 acres across Brooks Rd R/W Fr. S

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

R/W for use in common off Brooks Road

END Brooks Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/2/77	12 hgt	12'	clayey	to 14'	sandy loam	below	

REMARKS 156' sidewalk area/B.R. in (12)

TYPE OF SOIL sandy & silty loam below top ~4' clayey soil

TESTED BY F.S.

ALSO PRESENT: O. Ketterman, T. Miller

PRELIMINARY

APPLICATION

A 19824

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

Septic Tank

DISTRICT 5th

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

*3 bedrooms - 1000 gallons
4 bedrooms - 1250 gallons*

DATE 4/17/74

*dry well to have 115 square feet effective absorbent
sidewall area per bedroom below inlet. Inlet to be 4'
below original grade; Max. depth 11'*

*Location: 112' from back property line and 90' from Right
Property when facing lot from Right-of-way (Brooks Rd)
use test hole 1, 1A. 452 6-17-74*

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 Dr. S. Fred Singer

Any questions call Mrs. Louise Adams: 531-5458

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 2

ROAD AND DESCRIPTION Brooks Road off Route 108

SIZE OF LOT ~~60.20 acres~~ 5.372 ac TYPE BLDG. 3 or 4 bedrooms
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/ Mrs. Louise Adams

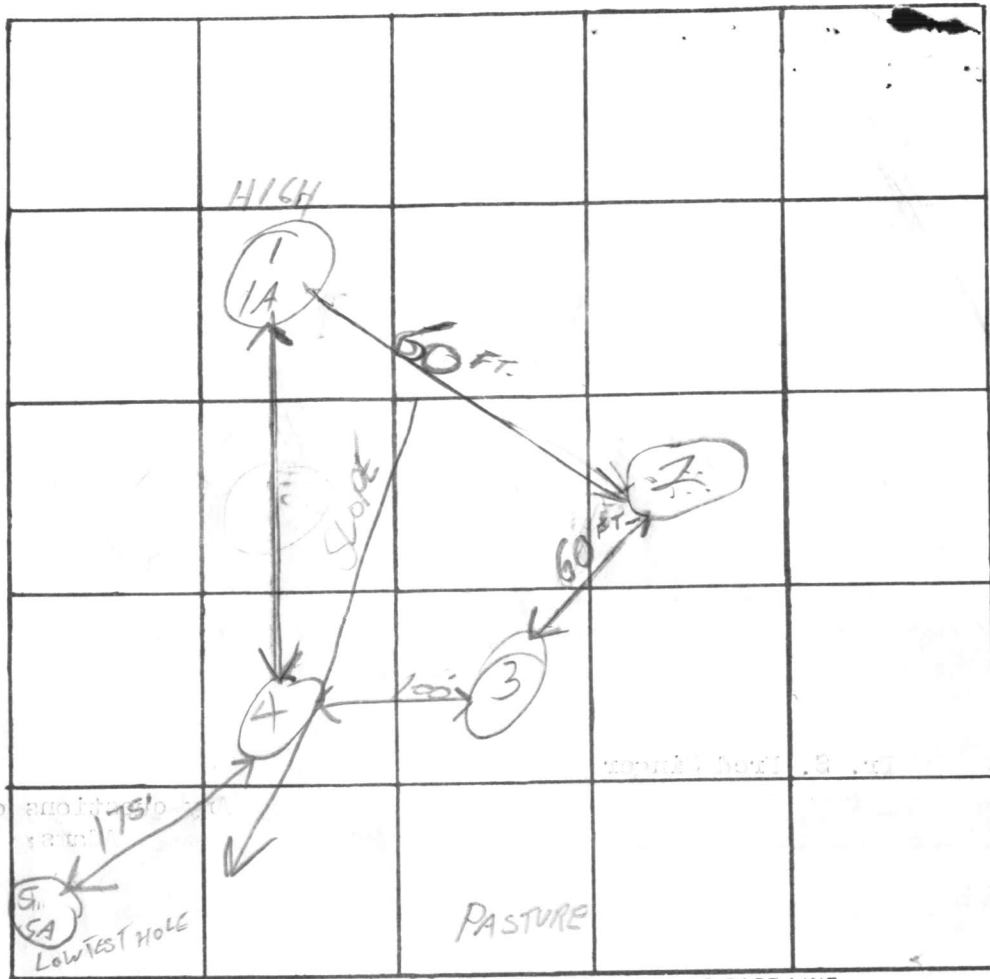
APPROVED BY Harry Jay Zou FOR dry well DATE 12-17-74
(KIND OF SYSTEM)

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.

BROOKS RD.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
	1	11'	1030	1035	1035	1043	8
	1A	4'	1030	1034	1034	1045	11
	2	10'	VISUAL		54/46	0/c	
7/18	3	10'	GOOD GROUND	3 1/2"	4" ROCK AT 9 1/2"	VISUAL	
7/18	4	10'	GOOD GROUND	4"	ROCK AT 10'		
	5	11'	1056	1100	1100	1104	4
	5A	4'	1055	1057	1057	1106	3

HIGH TEST HOLE

LOW TEST HOLE

19
7
26
26
24

REMARKS CERTIFY ALL HOLES. LOCATE TEST PITS + LOT LINES

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

N 34° 15' 00" W 887.68

S 34° 15' 00" E 589.68

BROOKS ROAD

---300---

400

405

410

415

10' Wide Gravel Drive

420

425

430

435

440

445

450

455

460

465

470

475

480

485

490

S 55° 45' 00" W

871.19

BRL

N 55° 45' 00" E

758.80

5.183 AC.

Retaining Wall

Gar. 474.75

FE 487.75

Basmt 477.75

+485.2

476.67

Well 490.1

41 L.F. Trench

5' Buffer

12x12 x 7' Dry Well

Exist. 480.1

Inv. 476.0

Prop 480.1

1250 Gal. Septic
Inv. 476.36
Exist 484.1

*6/17/19
Sketch of
Property
for
Spencer*