

Tax ID - 05-349826

# PERMIT

SEWAGE DISPOSAL SYSTEM

P 45848  
A 37735

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEX-TIME EXPIRED

DATE 4/30/90

FOR F.C.O.P. COMPLIANCE  
INDEXED 2/15/93 C. Williams/CR

DATE SYSTEM APPROVED 7/21/90

INSPECTOR RH

Terry Conrad IS PERMITTED TO INSTALL  ALTER

ADDRESS 16809 Oak Hill Road, Silver Spring, Maryland 20905 PHONE 421-9429

SUBDIVISION Sunny Side ROAD 7101 Mink Hollow Rd. LOT 2

PROPERTY OWNER Terry E. Conrad/Larry N. Thompson, Jr.

ADDRESS \_\_\_\_\_

~~IS GARBAGE GRINDER USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

~~GARBAGE GRINDER YES XXXXXXXXXXXX NO XXXXXXXX~~

192 184  
700 0

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 170 ft from the back lot line and 50 ft from the right side line as seen when facing the lot from Mink Hollow Road. Run the trenches toward the sideline and rear.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or septic tank. OK/MR

PLANS APPROVED BY Raymond Hodges cm DATE 09/21/89

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

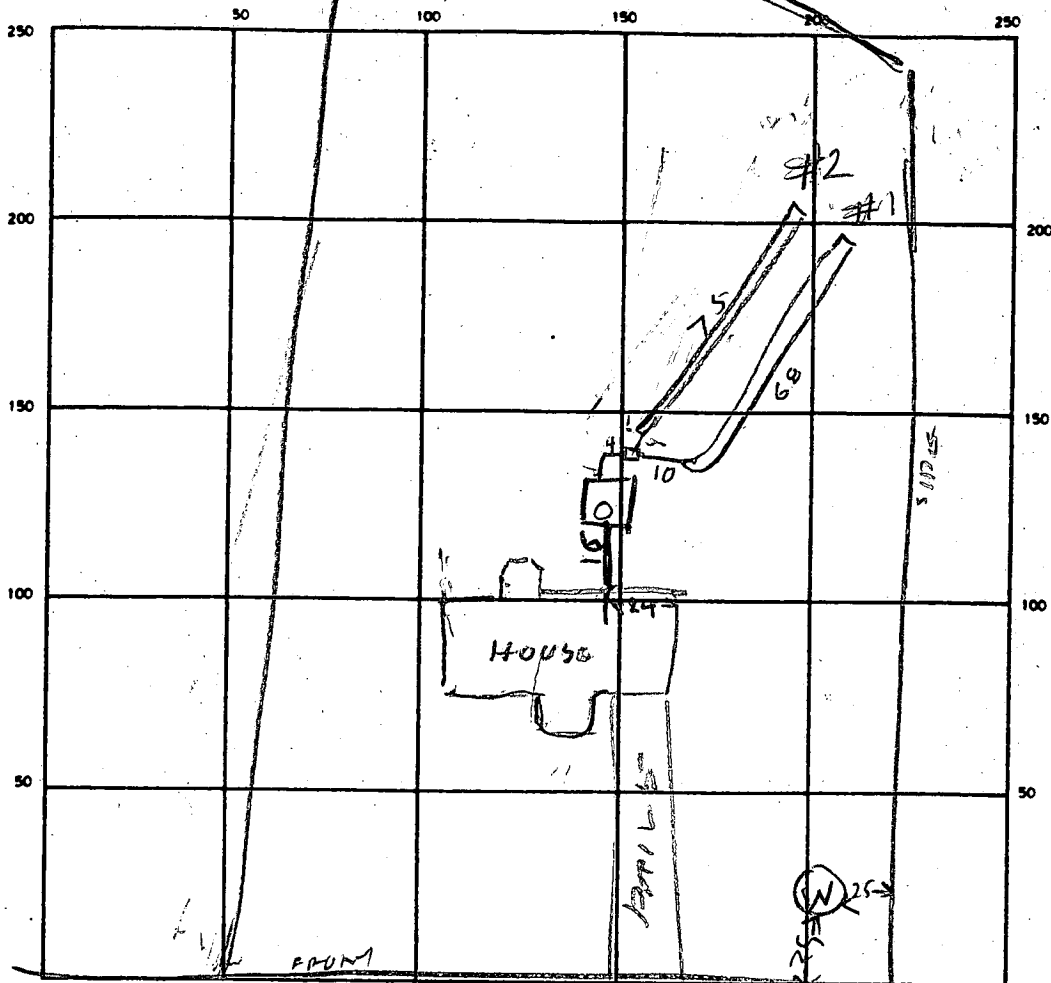
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 37735



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 MINK HOL COW RD

143

ST  
OK

SEPTIC TANK LEVEL 1250 CLEANOUTS OK

DISTRIBUTION BOX LEVEL 0/5

DRAIN FIELD/TILE FIELD DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 68/75 FT. 143

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 715 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 9/20/90 <sup>1140</sup> OK TO COVER HOUSE SEWER & MIDDLE OF TRENCHES  
ADD STONE TO BOTH TRENCH & FINISH JOB R/H  
9/21/90 <sup>AM</sup> STONE ADDED TO TRENCHES, BOX TANK & TRENCHES  
CONNECTED R/H

DATE SYSTEM APPROVED 9/21/90 INSPECTOR Raymond Hodger

143  
S  
S

143

10/27/86  
NOON  
10/20/86  
Revised  
10-15-86  
HSS

# APPLICATION

PERCOLATION TESTING

A 37735

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_

10-1-86 Received ok to  
process. SEE PLAT FOR EXPLANATION.

DATE 10/1/86

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 Sunny Side, Inc

ADDRESS Mink Hollow Rd (East E. side of road at intersection of Mink Hollow Rd & Gardner Lane)

PROSPECTIVE BUYER none Richard H. Howell 924-4414

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

BLDG. PERMIT SIGNED  
AND RETURNED 7/21/89

SUBDIVISION \_\_\_\_\_ 7101 LOT NO. #29380

ROAD AND DESCRIPTION 7101 MINK HOLLOW 2ND ENTRANCE PAST GARDNER LANE  
BEYOND MR HALLWELL'S REAL ESTATE OFFICE.

TAX MAP 40 PARCEL # \_\_\_\_\_

SIZE OF LOT 1 ac + TYPE BLDG. Residential  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

Richard H. Howell  
(SIGNATURE OF APPLICANT)

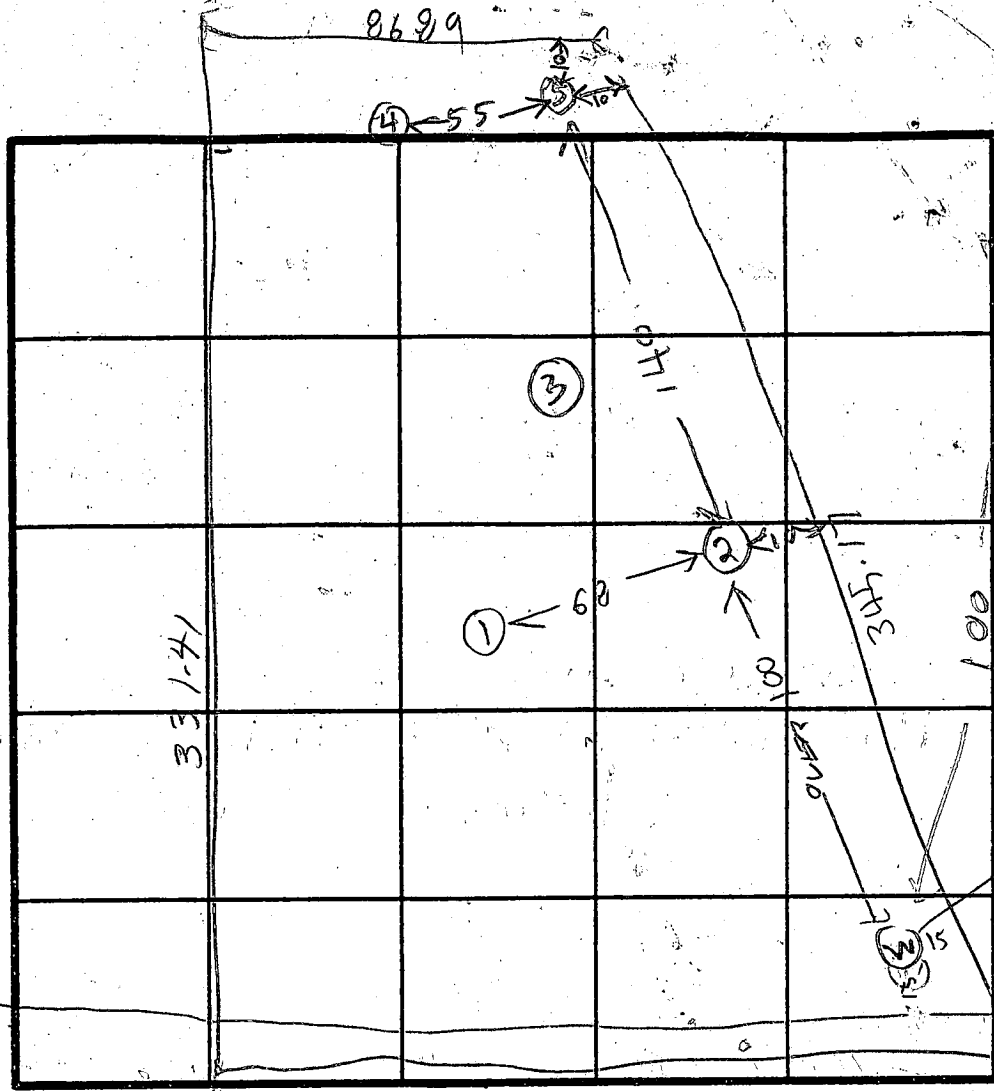
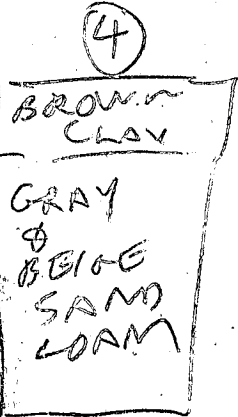
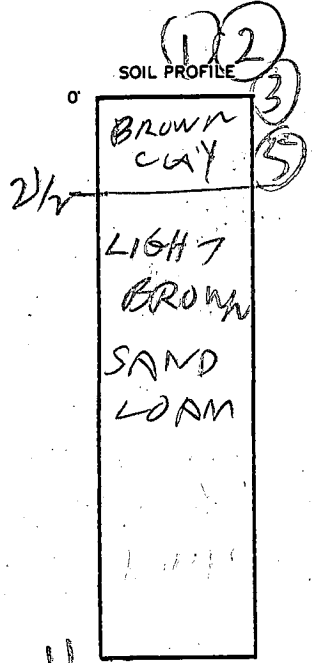
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/27/86 - PERC OK SUBMITT WELL SITE PLANNING

# THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
10/27/86	15	3	1035	1037	1037	1042	5
	16	11	OK				
	20	7.5	1040	1041	1041	1044	3
	23	3.5	1041	1044	1044	1050	6
	2V	11	OK				
	3V	11	OK				
	43	2	1053	1100	1100	1104	4
	44	12	OK				
10/27/86	53	3 1/2	1101	1102	1102	1109	9
	54	11	OK				

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY R. HODGES ALSO PRESENT ROCKY

EH-12-1079

B 1 5587

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-91-1775

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

please print or type

fill in this form completely

Date Received

1/3/86

OWNER INFORMATION

HALLOWELL RICHARD

BOX 278

SANDY SPRING MD 20862

B 3

LOCATION OF WELL

HOWARD

SUBWAYSIDE

SECTION LOT 0.2

HIGHTLAND

MILES FROM TOWN (enter 0 if in town) 2 3/4 MI

DRILLER INFORMATION

Joseph L. Wayne 238

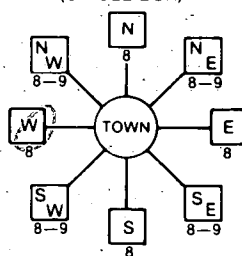
Joseph L. Wayne Well Drilling

5512 Ridge Rd. Mt. Airy Md 21111

Signature: Joseph L. Wayne Date: 10/30/86

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Mink Hollow Rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 17

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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

HOWARD COUNTY NAME A37765 COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED CO SIGNATURE EXP. DATE

NORTH GRID 49000 EAST GRID 5907000

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST 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)

- 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE PERMIT No. 40-91-1775

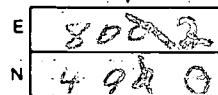
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

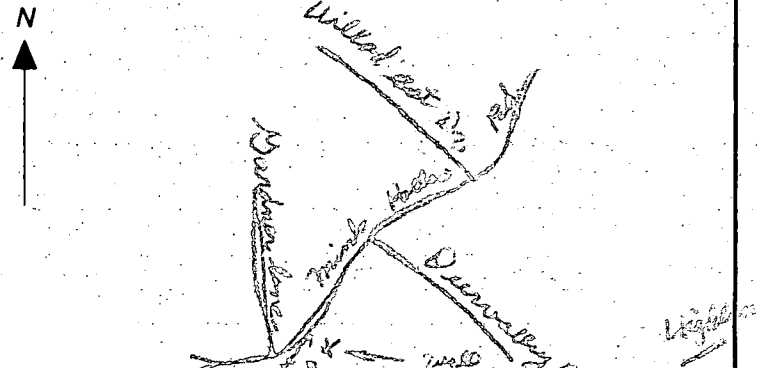
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1 1222 SEQUENCE NO. (OEP 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 A37735

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 12/1/86 Depth of Well 400 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1795

OWNER HALL Richard STREET OR RFD Miller Hollow RD. TOWN Highland MO. SUBDIVISION SUNNYSIDE SECTION \_\_\_\_\_ LOT 2

**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	
SAND	0	64	
Gray Mottled	64	400	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  Y  N  
 TYPE OF GROUTING MATERIAL  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS 10 NO. OF POUNDS 940  
 GALLONS OF WATER 60  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 50 ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST  CO  PL  OT  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE ST 6 70  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

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

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN 1 40 2 69 3 400

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 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. 238  
 DRILLERS SIGNATURE Joseph P. Wagner  
 (MUST MATCH SIGNATURE ON APPLICATION)

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

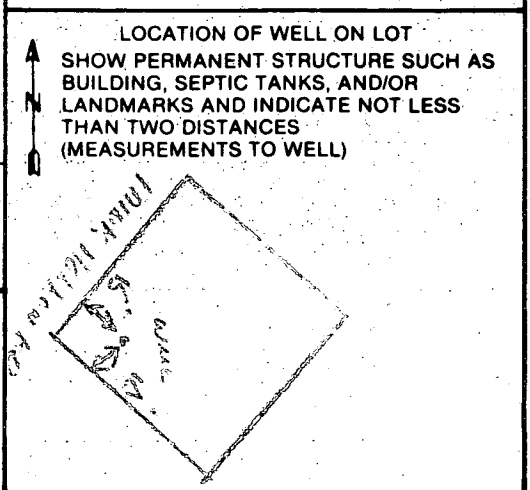
SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 GRAVEL PACK from \_\_\_\_\_ to \_\_\_\_\_  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 4  
 PUMPING RATE (gal. per min. to nearest gal.) 15  
 METHOD USED TO MEASURE PUMPING RATE bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 20 WHEN PUMPING 204  
 TYPE OF PUMP USED (for test)  S submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP 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: 29  
 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 (nearest foot)  - below }

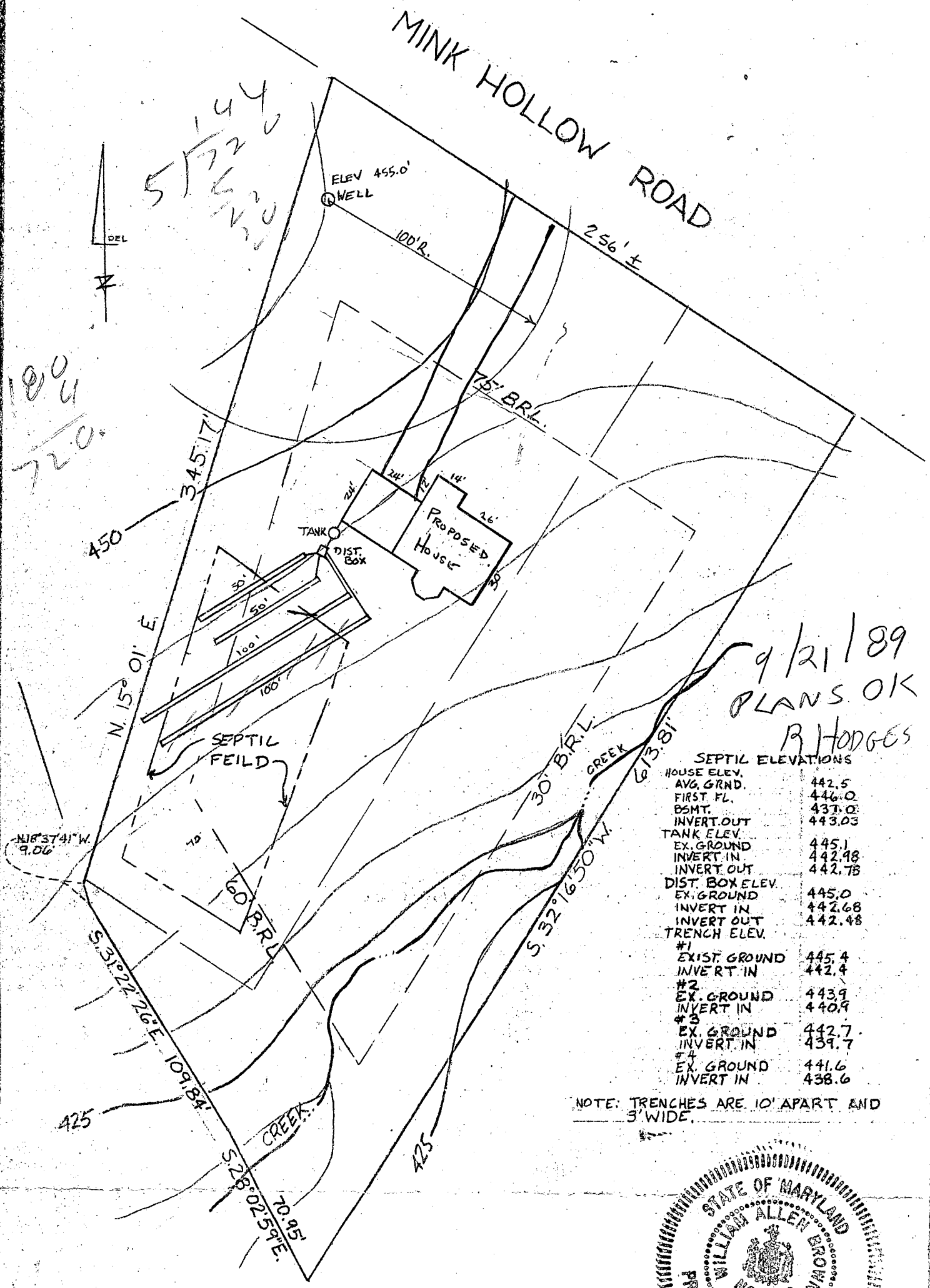


**SITE PLAN**  
 SUNNYSIDE, LOT 2  
 CLARKSVILLE (5<sup>th</sup>) DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50'      Aug. 1989

MINK HOLLOW ROAD

144  
 57220  
 220

100  
 4  
 720



9/21/89  
 PLANS OK  
 R. HODGES

SEPTIC ELEVATIONS

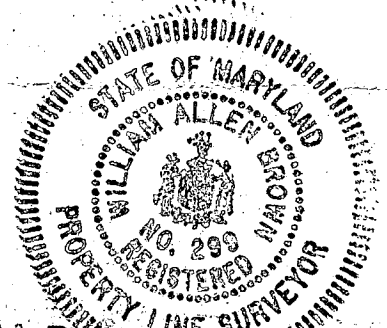
HOUSE ELEV.	
AVG. GRND.	442.5
FIRST FL.	446.0
BSMT.	437.0
INVERT. OUT	443.03
TANK ELEV.	
EX. GROUND	445.1
INVERT. IN	442.48
INVERT. OUT	442.78
DIST. BOX ELEV.	
EX. GROUND	445.0
INVERT. IN	442.68
INVERT. OUT	442.48
TRENCH ELEV.	
#1	
EXIST. GROUND	445.4
INVERT. IN	442.4
#2	
EX. GROUND	443.9
INVERT. IN	440.9
#3	
EX. GROUND	442.7
INVERT. IN	439.7
#4	
EX. GROUND	441.6
INVERT. IN	438.6

NOTE: TRENCHES ARE 10' APART AND 3' WIDE.

**SURVEYOR'S CERTIFICATE**

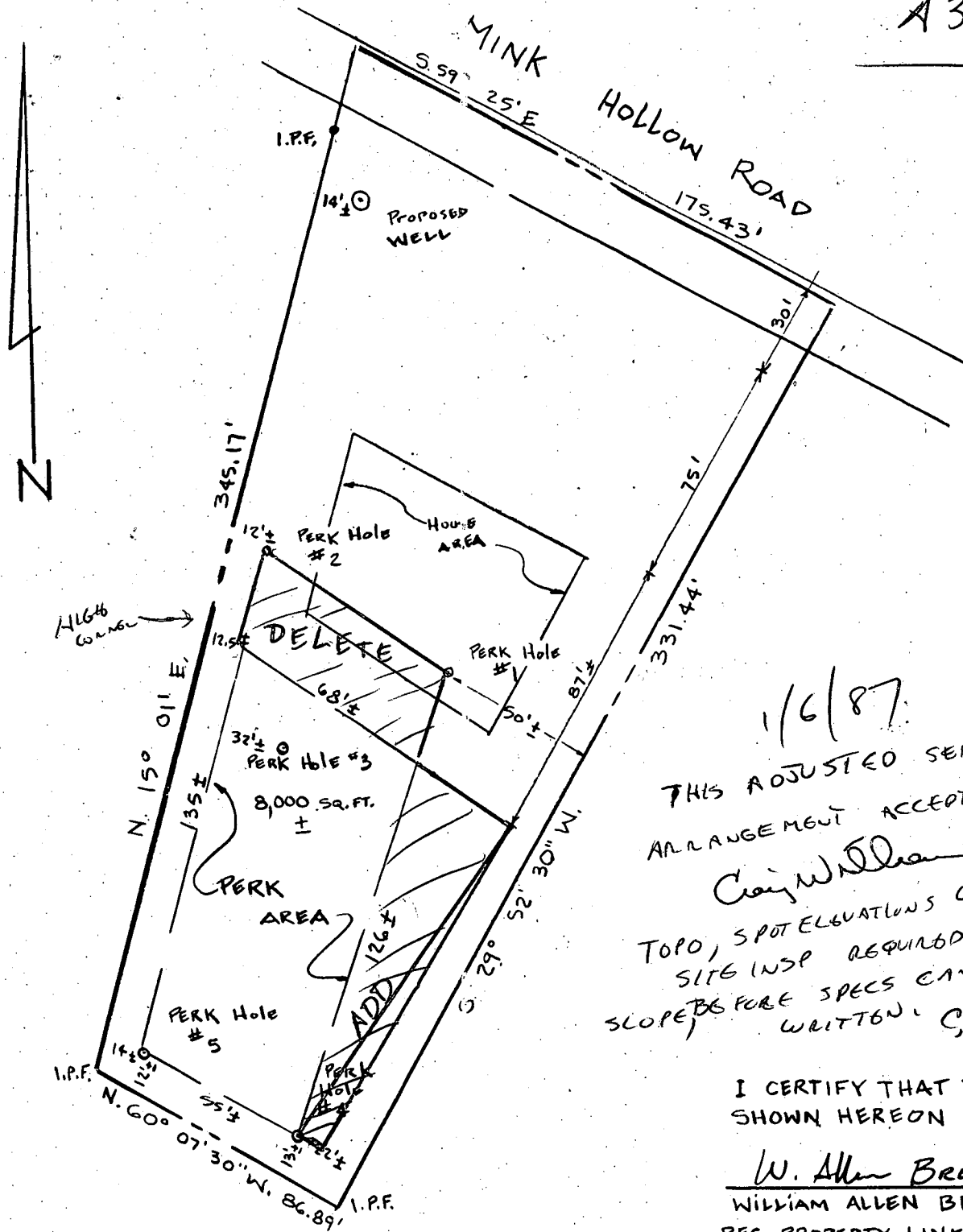
I CERTIFY TO MY BEST KNOWLEDGE AND BELIEF THAT THE PLAN SHOWN HEREON IS CORRECT.

*W. Allen Brown* 8/17/89  
 W. ALLEN BROWN MD#299



**Al Brown Surveys Inc.**  
 7905 MINK HOLLOW ROAD  
 HIGHLAND, MARYLAND 20777  
 RES. 301-854-0913

A37735



1/6/87  
 THIS ADJUSTED SEPTIC  
 ARRANGEMENT ACCEPTABLE,  
*Craig Williams*  
 TOPO, SPOT ELEVATIONS ON  
 SITE INSP REQUIRED TO DETERMINE  
 SLOPES BEFORE SPECS CAN BE  
 WRITTEN. CW

I CERTIFY THAT THE PLAN  
 SHOWN HEREON IS CORRECT.  
W. Allen Brown  
 WILLIAM ALLEN BROWN  
 REG. PROPERTY LINE SURVEYOR  
 MD. # 299

BOUNDARY INFORMATION BASED UPON  
 A SURVEY BY CLAUDE SKINNER, JR.  
 DATED 5/24/62.

T.M. 40 P. 318

REVISED 12/22/86 AB

SKETCH SHOWING  
 PERK HOLE AND PROPOSED WELL LOCATION  
 SUNNYSIDE, LOT 2  
 CLARKSVILLE (5<sup>th</sup>) DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE 1"=50' 11/86