

12/17/91  
① Notes  
② Notes  
③ Notes

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

12/17 (2) P.C.O. C.B.S.

P 47664

A REPAIR

DISTRICT 5th

DATE 12/6/91

DATE SYSTEM APPROVED 12/17/91

INSPECTOR C.B.S.

Zepp Plumbing & Heating, Inc. IS PERMITTED TO INSTALL ALTER X

ADDRESS 12447 Route 108, Clarksville, Maryland 21029 PHONE 531-6712

SUBDIVISION Linden Chapel Hills Section 5 LOT 19, Blk B, ROAD 5023 Morningstar Drive

PROPERTY OWNER Dee Childers

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS

NUMBER OF BEDROOMS \_\_\_\_\_

\_\_\_\_\_ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 85 ✓

REPAIR - PURPOSE - TO EXPAND EXISTING SEPTIC SYSTEM

INSTALL - 85 linear feet of trench required. Trench to be 2 feet wide with 6 feet of stone. Maximum bottom depth 11½ feet.

LOCATION - Start trench 20 feet to rear of existing drywell.

PLANS APPROVED BY C. Williams (C.B.S. 12/4/91) DATE 12/04/91

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, 90° ELBOWS NOT ACCEPTABLE.

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

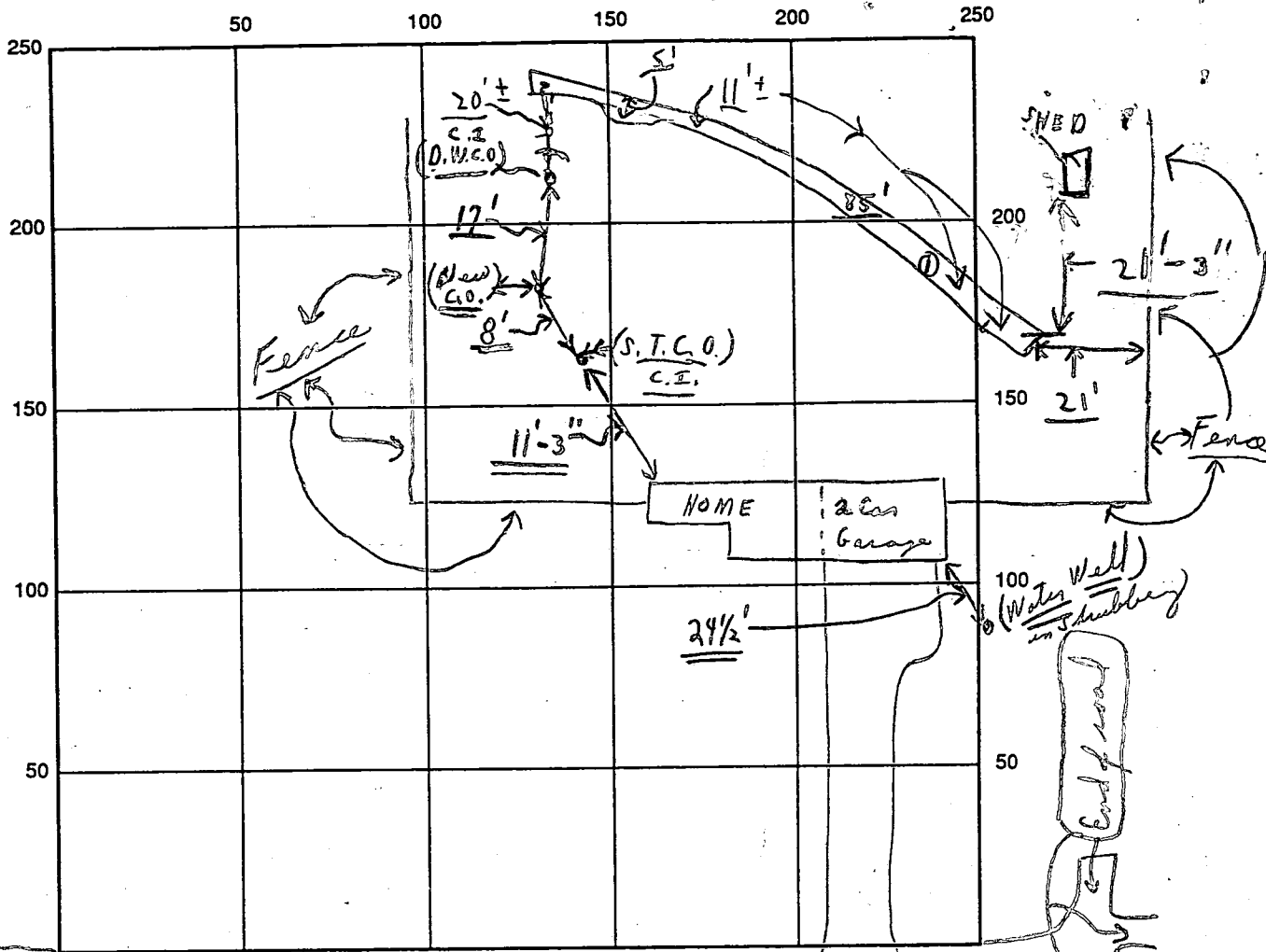
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A P 47664



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Morningstar Drive

SEPTIC TANK LEVEL Existing CLEANOUTS Existing

DISTRIBUTION BOX LEVEL (Used old dry well)

DRAIN FIELD/TITLE DEPTH 11' + average FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2' to 5' FT.

EFFECTIVE GRAVEL DEPTH 6' + average FT. TOTAL LENGTH 85 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 510 <sup>[excavated area]</sup> SQ. FT.

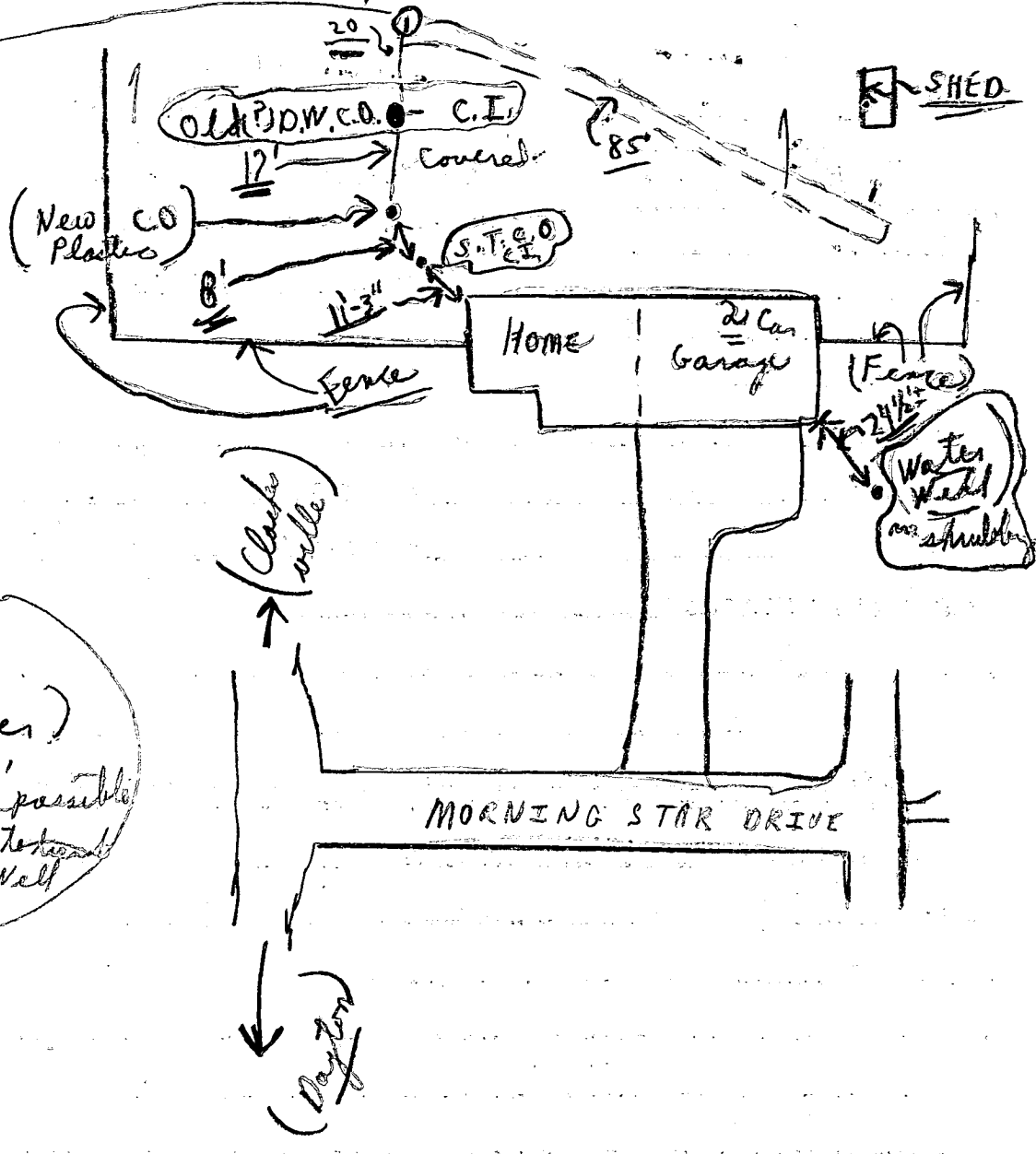
DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

(ABSORBENT AREA 510 <sup>+</sup> SQ. FT. as provided)

REMARKS: 12/17/91 #1 Trench - 30' + Long and cavernous, ok to stone  
as now as a Partial 12/17/91 #2 inspection - ok to covers as go  
parted! #3 Late 12/17/91 OK to covers as finish - C.B.S  
(Noted on permit - material on truck out at site)

DATE SYSTEM APPROVED 12/17/91 INSPECTOR Charles Bryan Shuck

# ① Hole  
 0-5' clay  
 5' till + loam + mica  
 DRY-GOOD SOIL



125' BR.  
 (4 Bedrooms / owner)  

$$\begin{array}{r} 85 \\ 6 \overline{)500} \\ \underline{48} \\ 20 \end{array}$$
  
 4/275' possible inlet to head off Dry Well

{ 11/27/71 9:45 Machine @ site - no plumber around - no hole dug till 10:00 } Repair 20' off pit well 85' Long 4' 2' Wide 6' of stone

Present (Gary children present) @ 2 app car @ this day = mother or mother in law

27 NOV 91  
03:42 AM  
REGION

SITE WSP  
NOT A COMPLAINT  
AREA RATING

ACKNOWLEDGMENT AND CONTROLS	DATE

Howard County Department of Health  
BUREAU OF ENVIRONMENTAL HEALTH

RECORD OF INVESTIGATION

DISPOSITION	DATE
C.R.O. to C.W.	11/29/91
early A.M.	11/27/91

LOCATION 5023 Morningstar Dr, Dayton ZIP \_\_\_\_\_

OWNER  DEE CHILDERS ADDRESS 5023 Morningstar Dr PHONE \_\_\_\_\_

COMPLAINANT ED ZEPPE - Plumber ADDRESS Clarksville, Md. PHONE 5316712

REASON FOR INVESTIGATION ED ZEPPE A PLUMBER WANTS ADVICE

ABOUT REPAIRING A SEPTIC SYSTEM HE WILL DIG OPEN GROUND & MEET INSPECTOR. IF HE DOES WORK

RECEIVED BY R.H. DATE 26 NOV 91 ASSIGNED TO C.R.O. DATE 11/27/91

DATE OF INVESTIGATION 11/27/91 TIME 9:30 to 10:30 WEATHER "COLD"

REPORT 11/27/91 (DK used hole dug @ rear of existing septic system; oh for a trench 30' off, dry well. Trench to be 30' wide; 85'+ long; 6' of stone under pipes; trench to be across lot staying 25' off existing shed & rear of home. Trench depth 11' to 11 1/2' and inlet 4 1/2' to 5' below original grade. Wait for a repair permit to be taken out. Mr. Zeppe, plumber, and owner, Mr. Childers at site with sanitarian. C.R.O. (See back of yellow sheet for septic diagram as found in field). No overflow at time of inspection on 11/27/91. 4 Bedroom home with 125 sq ft B.R. = 5.10' sq ft absorbant area needed for septic repair in trench. C.R.O.

DATE SUBMITTED 11/29/91 SANITARIAN Charles Bryan & Streets

HD-172 (R.H. opened office) 11/25 + 11/26

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th.

DATE 3/12/80

## INDEXED

app 4-24-80  
Drew

P 30562

A 22768

3/27/80  
4/23/80  
4/24/80  
Ready now

Paul Schissler

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 795-3708

SUBDIVISION Linden Chapel Hills ROAD Morning Star Drive LOT 19, Blk.B, Sec 5

PROPERTY OWNER Mr. Frank F. Willson

ADDRESS Box 32  
Route 108, Ashton, Md. 20702

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 125 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT 5 1/2 FT. BELOW ORIGINAL GRADE.

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

Dry Well

12  
58  
8

Location: per platt 10 feet off left property line and 145 feet from front property line when facing lot from Morning Star Drive. If dry well and trench used need- 5 foot earth buffer between dry well and trench. Call for two inspections of trench before and after gravel in trench.

PLANS APPROVED BY C. B. Streaker DATE 10/28/77

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.

BLDG. PERMIT SIGNED  
AND RETURNED 4/22/80  
Serial # 19351-garage.

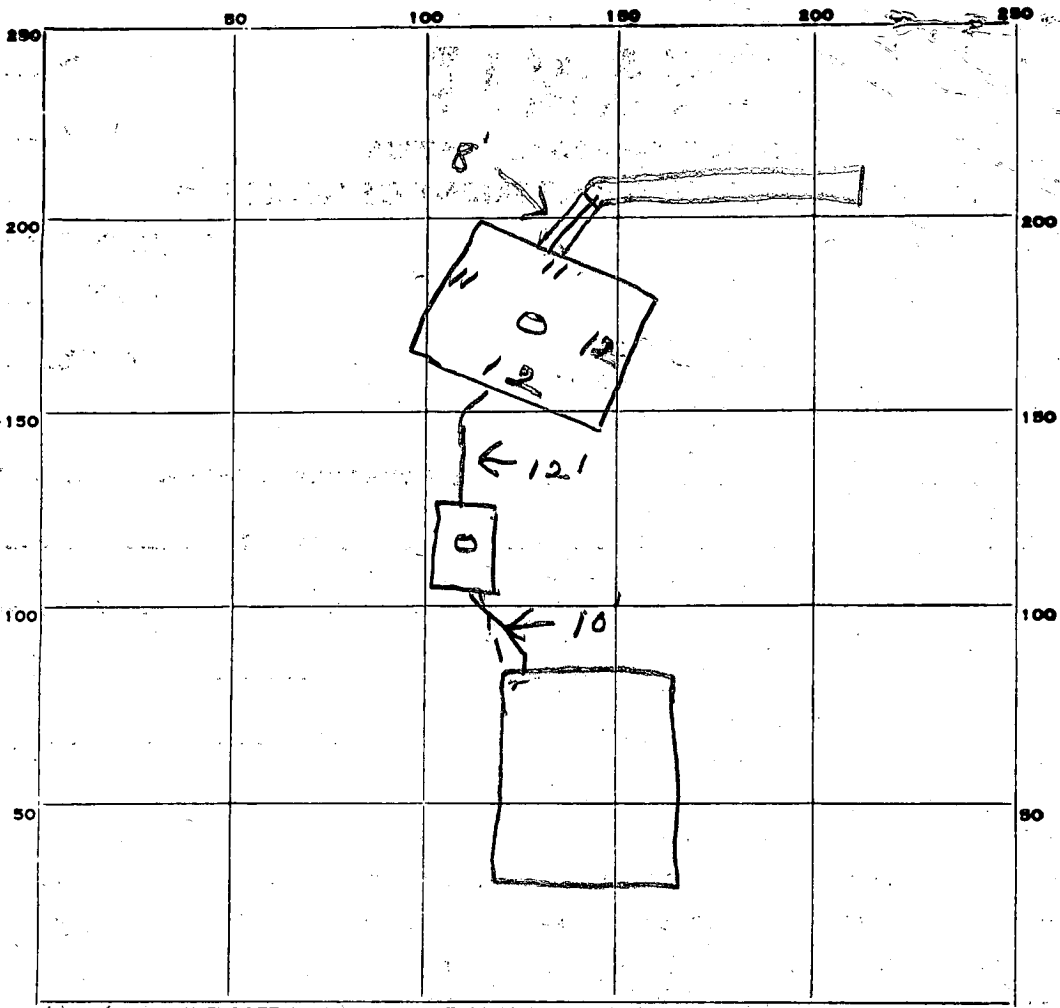
A 22768

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

375

46  
6.5  
-----  
230  
276  
-----  
2990

1.2  
6.5  
6.5  
7.8  
-----  
84.5



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Manning Star Rd.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

ST | DW

DISTRIBUTION BOX, LEVEL

cast iron

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 13 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 84.5

SEEPAGE PITS, INSIDE DIAMETER 46 FT. DEPTH BELOW INLET 7 1/2 FT.

299  
84

ABSORBENT AREA 383 SQ. FT.

REMARKS 3/26/80 - OK to cover work from dry well to septic. (clean septic and open for house connection) - OK to add gravel to trench. If 3/27/80 OK to cover all work. Call when house connection made. JMSK.  
4/23/80 - too much fall from house to tank -> at least 1" per ft. -

DATE SYSTEM APPROVED 4/24/80

INSPECTOR DW. Manuel

9411

SEQUENCE NO. (WRA USE ONLY)

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

DATE RECEIVED (WRA USE ONLY) DATE WELL COMPLETED 12 77

DEPTH OF WELL 140 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2069

DRILLERS IDENTIFICATION NO.

OWNER LAST NAME FIRST NAME STREET OR RFD POST OFFICE

WELL DESCRIPTION

WELL LOG

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

Table with columns: DESCRIPTION, FEET (FROM, TO), CHECK IF WATER BEARING. Includes handwritten entries: Top soil, Shaly SAND stone, MICA, SAND stone, MICA.

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES [Y] NO [N]. TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT [CM] BENTONITE CLAY [BC]. NO. OF BAGS 12 NO. OF POUNDS 1200. GALLONS OF WATER 65. DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 27 1/2 FT.

CASING RECORD

CASING TYPES INSERT APPROPRIATE CODE BELOW. STEEL [ST] CONCRETE [CO] PLASTIC [PL] OTHER [OT]. MAIN CASING TYPE [ST] NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 29.

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE INSERT APPROPRIATE CODE BELOW. STEEL [ST] BRASS OR BRONZE [BR] OPEN HOLE [HO] PLASTIC [PL] OTHER [OT].

DEPTH (NEAREST WHOLE FOOT) FROM 17 TO 140. SLOTS SIZE 1, 2, 3.

DIAMETER OF SCREEN 56 TO 60 (NEAREST INCH) FROM TO

GRAVEL PACK IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX [F]

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

C 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2. PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 6. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 30 (NEAREST FOOT) WHEN PUMPING 140 (NEAREST FOOT). TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) AIR [A] PISTON [P] TURBINE [T] CENTRIFUGAL [C] ROTARY [R] OTHER (DESCRIBE BELOW) [O] JET [J] SUBMERSIBLE [S].

PUMP INSTALLED

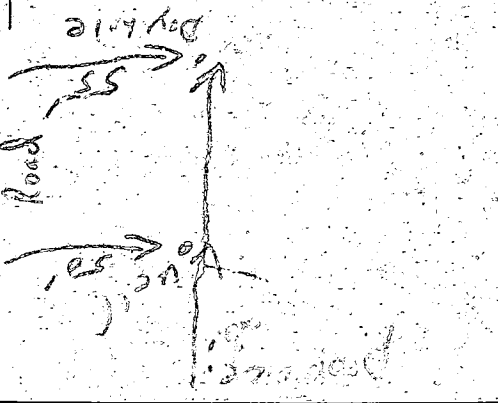
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES [Y] NO [N]. CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 TO 35. PUMP HORSE POWER 37 TO 41. PUMP COLUMN LENGTH (NEAREST FOOT) 43 TO 47.

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE [ ] BELOW [ ] 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] 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 L. F. Easterday SIGNATURE

ONE DRY HOLE

# APPLICATION

A 22768

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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 5DATE 1/27/76

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 Frank P. Willson & Wf., et alADDRESS 3 Ashton Realty Co., Route 109, Ashton, Md. PHONE (8) 924-4811

PROPERTY LOCATION:

SUBDIVISION Linden Chapel Hills LOT NO. 19, Blk. B, Sec. 5ROAD AND DESCRIPTION Morning Star DriveSIZE OF LOT 45,500 sq. ft. TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE (Single Only. Dwlg.)

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

SIGNATURE OF APPLICANT /s/ Robert Johnson

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

(KIND OF SYSTEM)

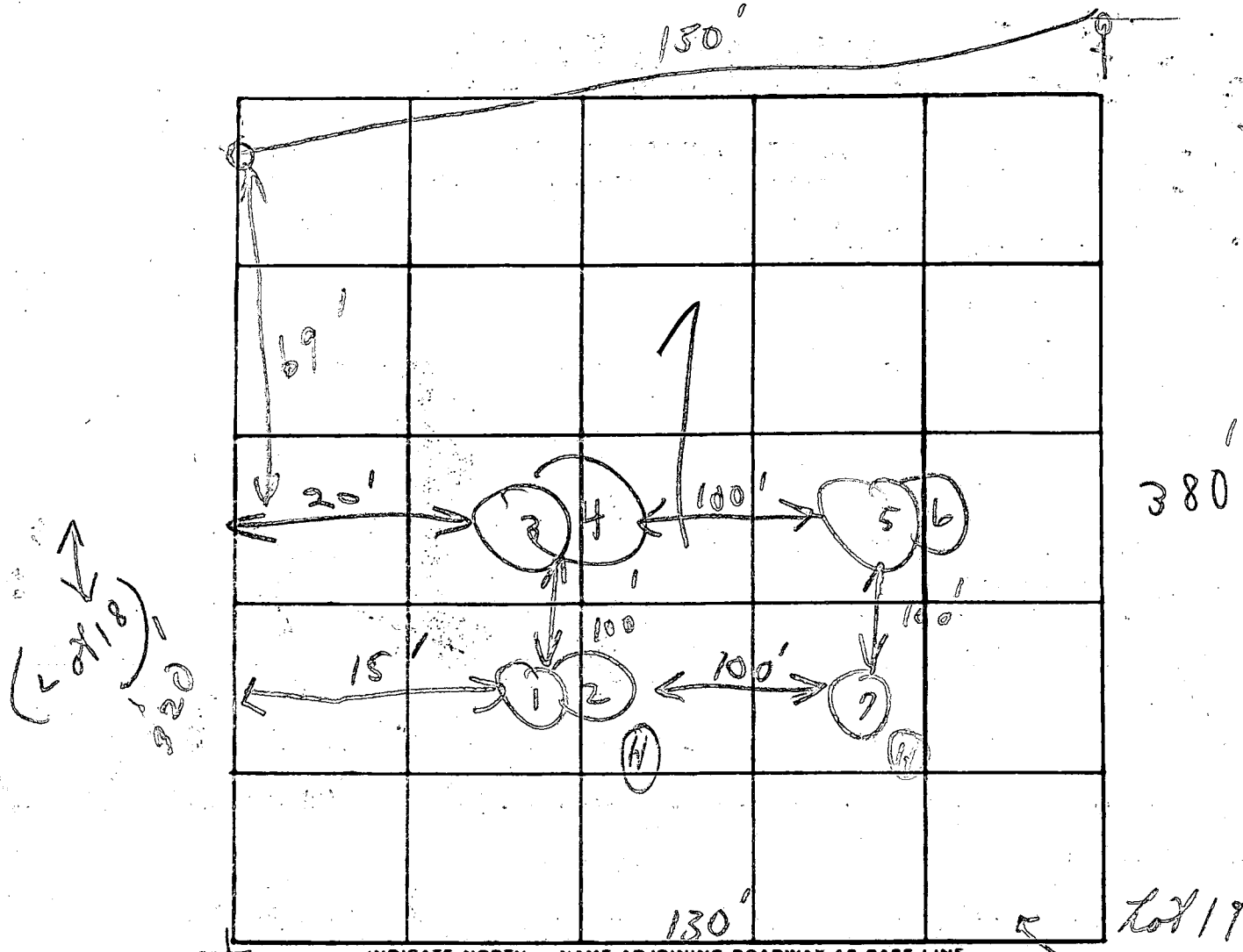
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT



*Mound of the Dr.*

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/3/92	1	5 1/2' s	12:36	12:38	12:38	12:41	3m
	(H) 2	13' d	12:36	12:38	12:38	12:42	4m
	3	5 1/2' s	12:45	12:47	12:47	12:55	8m
	(C) 4	14' d	12:45	12:47	12:47	12:55	8m
	5	5 1/2' s	12:46	12:48	12:48	12:53	5m
	(C) 6	12 1/2' d	12:57	1:00	1:00	1:06	6m
	(H) 7	13'	Visual similar to other				6m
							6.34

Circle 4'  
Good quality  
5 1/2'  
6m  
average

REMARKS \_\_\_\_\_

TYPE OF SOIL Washed loess

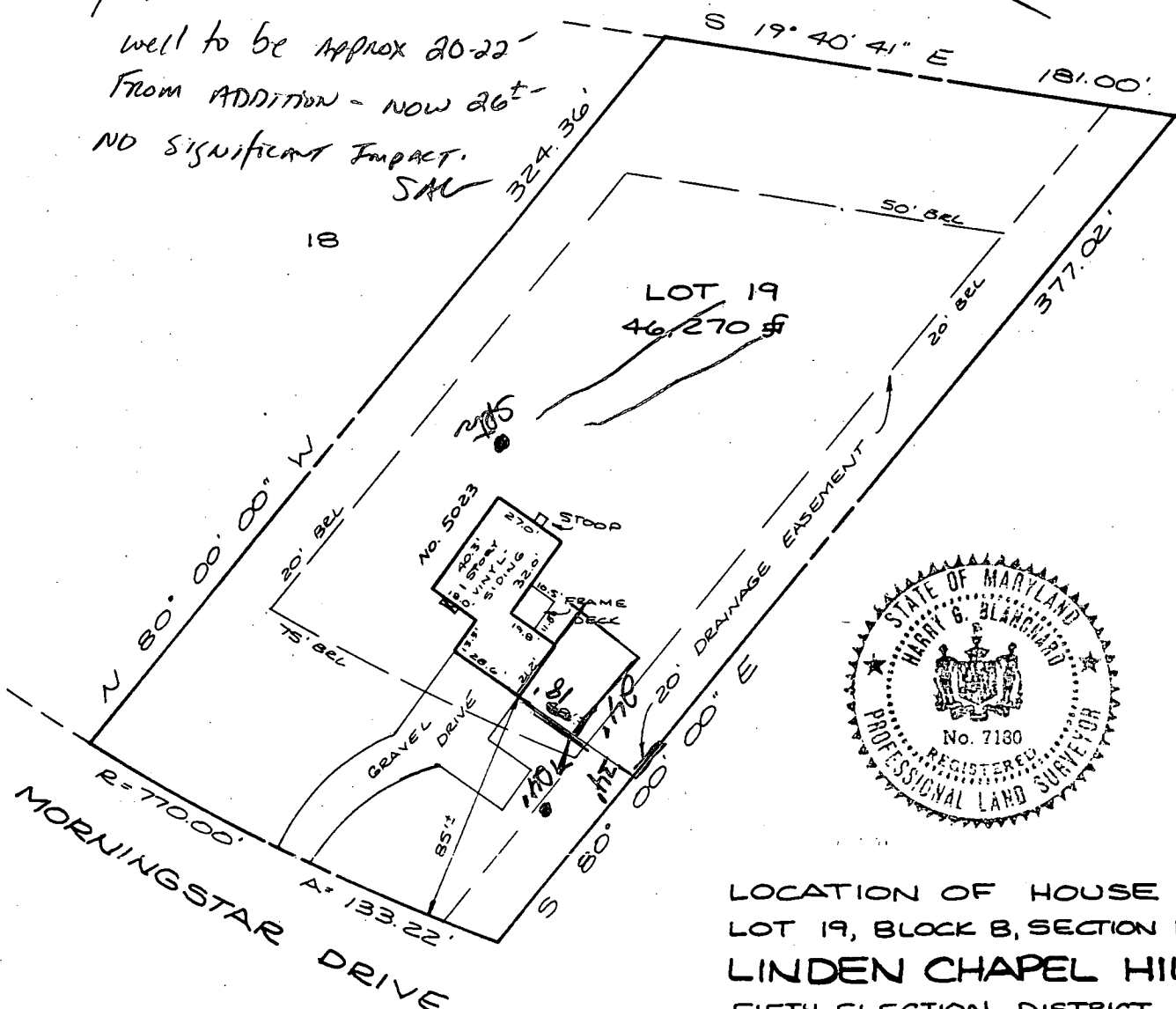
TESTED BY C. K. [Signature] ALSO PRESENT: J. French + Men

NOTE: This location for title purposes - not to be used for determining property lines. Property corner Markers Not guaranteed by this location.

4CH 88 4814

6/17/88

well to be approx 20-22'  
 From addition - now 26'-  
 NO SIGNIFICANT IMPACT.  
 SAM



LOCATION OF HOUSE  
 LOT 19, BLOCK B, SECTION FIVE  
 LINDEN CHAPEL HILLS  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MD.

<b>SURVEYOR'S CERTIFICATE</b> I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY THEODOLITE-TRANSIT-TAPE METHODS AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, UNLESS OTHERWISE SHOWN, THERE ARE NO ENCROACHMENTS.  <i>Harry G. Blanchard</i> REGISTERED LAND SURVEYOR MD #7180	<b>REFERENCES</b> PLAT BK. 36 PLAT NO. 92	<b>SNIDER, BLANCHARD, LAUGHLAND &amp; TACIK, INC.</b> SURVEYORS - ENGINEERS LAND PLANNING CONSULTANTS  341 W. Patrick Street Frederick, MD 21701 (301) 694-5544		
	<b>LIBER</b> FOLIO	<b>DATE OF LOCATIONS</b> WALL CHECK: HSE. LOC.: 6-8-86 BOUNDARY:	2 Professional Dr., Suite 216 Gaithersburg, MD 20879 (301) 948-5100	SCALE: 1" = 60' DRAWN BY: JB JOB NO.: FS6-418