

3/3/93  
ASAP  
3/8/93  
3/10/93  
ASAP  
ASAP

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48936  
3/178  
A 31170

DISTRICT 5th

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXXXXXX~~ 313-2640

DATE \_\_\_\_\_

DATE SYSTEM APPROVED 3/10/93

INSPECTOR M. Riskin

### INDEXED

Nelson Beall IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 12821 Prices Distillery Road, Clarksburg, Maryland PHONE 301-253-0863

SUBDIVISION Chapel Chase LOT 17 ROAD 12797 Chapel Chase Drive

PROPERTY OWNER Erkan & Bernadette Hassan

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 320 feet from the back (192.53') lot line and 150 feet from the South (503.06') lot line. Run the trenches along contour toward the south lot line. Keep the septic system 100 or more feet from the well.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 11/2/92 RH

PLANS APPROVED BY Raymond Hodges DATE 10/28/92

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

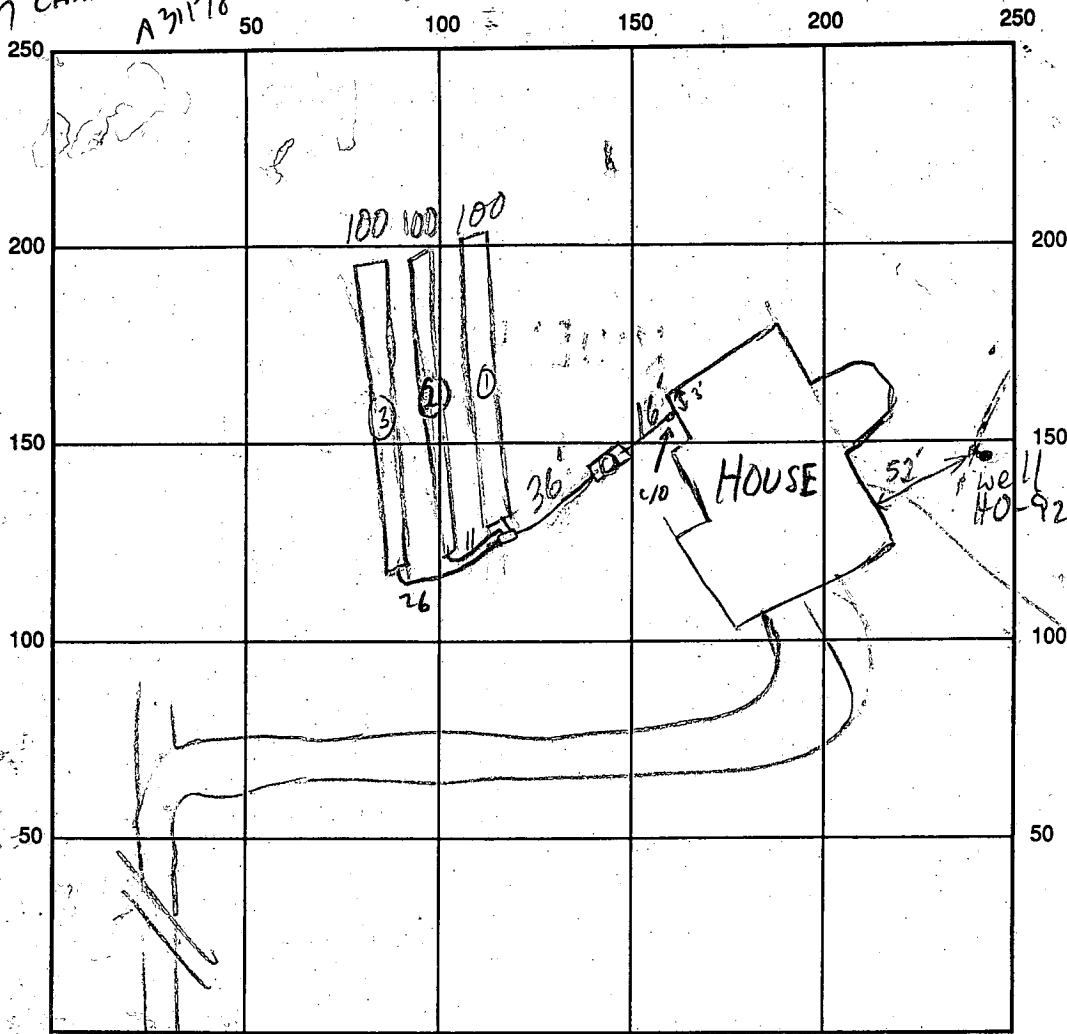
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

3/178 A 31170

LOT 17  
 CHAPEL CHASE  
 12797 CHAPEL CHASE DA.  
 A 31178



well HO-92-0090

CHAPEL CHASE DR INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 GAL - OK CLEANOUTS INLINE - OK; S.T. MANHOLE - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH  $\frac{1}{6} | \frac{2}{6} | \frac{3}{6}$  FT. TRENCH WIDTH 3 FT. INLET DEPTH  $\frac{1}{4} | \frac{2}{4} | \frac{3}{4}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{2} | \frac{2}{2} | \frac{3}{2}$  FT. TOTAL LENGTH 3 @ 100 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 3 @ 300 SQ. FT.

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

ABSORBENT AREA 900 SQ. FT.

REMARKS: 3/3/93 OK TO CONTINUE W/TRENCHES; NO ONE PRESENT; MANHOLE  
REQ'D ON S.T.? MR 3/9/93 MANHOLE REQ'D ON S.T.; CONTRACTOR  
ALWARE; CONTINUE MR  
3/10/93 MANHOLE + ALL WORK OK MR

DATE SYSTEM APPROVED 3/10/93 INSPECTOR M. Ripstein

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31178  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5th Elec. Dist.

DATE 2-17-81

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 Ms. Corraine D. Hebb/c/o Edward Kasemeyer ERKAN + BERNADETTE HASSEN

ADDRESS 9051 Baltimore National Pike PHONE (301) 465-7474  
Ellicott City, Maryland 21043

PROPERTY LOCATION

SUBDIVISION Chapel Chase LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Linden Church Road Off of Maryland Route 32 BLDG. PERMIT SIGNED \_\_\_\_\_

(12797 CHAPEL CHASE DRIVE) **AND RETURNED 11-28-92**  
3.10 Acres **Permit # 45673**  
**SFD - 4Bm**

SIZE OF LOT 3.10 Acres TYPE BLDG. Single-Family Detached

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.

SIGNATURE OF APPLICANT Edward Kasemeyer

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

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

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

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

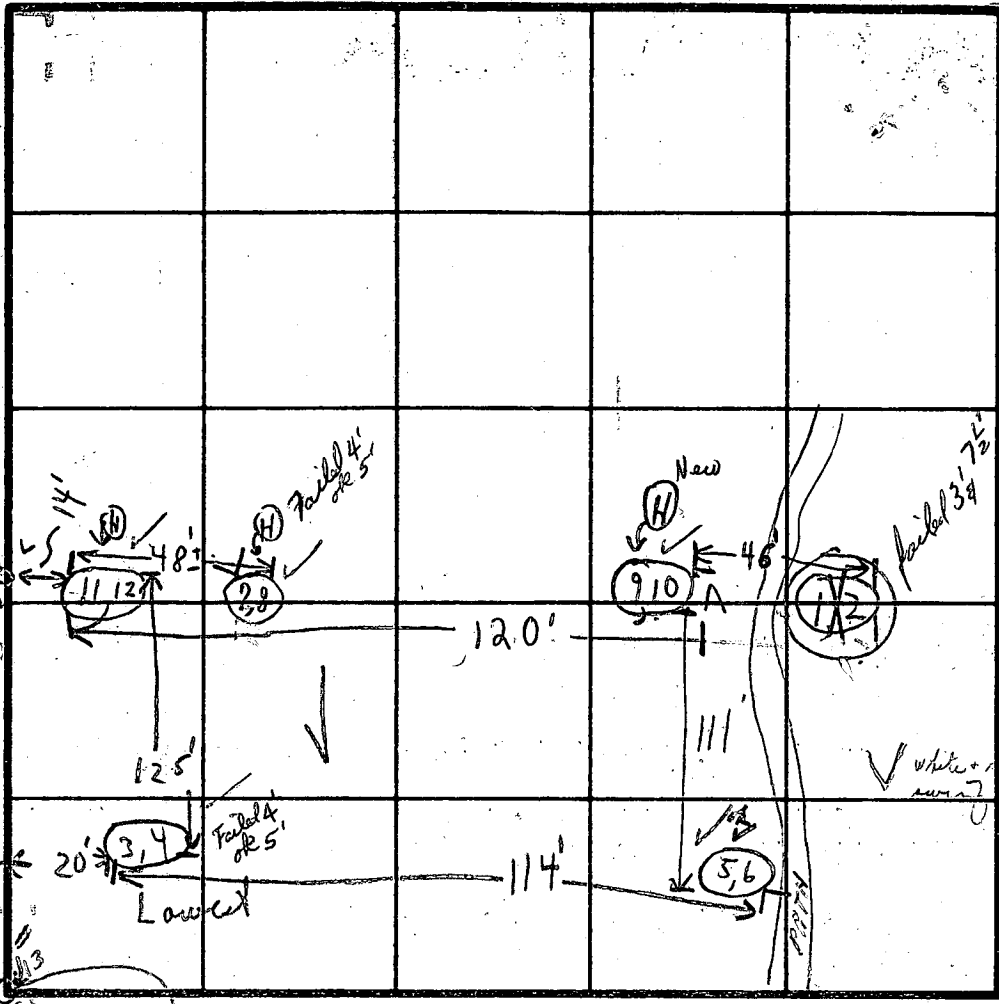
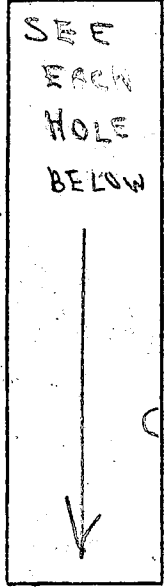
# THIS IS NOT A PERMIT

New # A-11?

A-3

A31178

SOIL PROFILE



FIELD SHEET

✓ piece of 24" - #12 #13 STAKES

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

UNNAMED COURT

SOIL PROFILE	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' - CLAY X MICA LOAM	3/10/81	①	3A'	9:55	10:09	10:09	10:40	1/2" @ min XX
		HARD SUB BOTTOM ② H	7 1/2'	9:56	10:09	10:09	10:40	3/4" XXXX 9 min
1' - 5' CLAY		③ A	4'	10:13	10:43	10:43	3/4" @ min	XXX
5' - 8 1/2" MICA LOAM		④ 4	8 1/2'	10:15	10:17	10:17	10:20	3 min
1' - CLAY MICA LOAM		5	5'	9:58	10:10	10:10	10:25	15 min
		✓ 6	9 1/2'	9:59	10:01	10:01	10:04	3 min
1' - 5' CLAY		⑦ A	4'	10:08	10:17	10:17	10:47	3/4" @ min 30 min
5' - 8 1/2" LOAM		8	8 1/2'	10:07	10:11	10:11	10:12	2 min
1 1/2" CLAY		9	4'	11:17	11:22	11:22	11:33	11 min
4' - 8 1/2" EC'S LOAM		10	8 1/2'	11:13	11:16	11:16	11:25	9 min
MICA LOAM		11	4 1/2'	11:36	11:38	11:38	11:52	14 min
11 1/2"		12	9'	11:35	11:37	11:37	11:39	2 min
		3B	5'	11:44	11:50	12:00		20 min
		76	5'	11:47	11:53	12:00		8 min

INLET 4'

9 min

Dug to 3 1/4" 13-10" MICA SHEET

3 1/4" Dug to 14" LOAM

MICA 3 1/4" sheet = 13

REMARKS: J.A.D. + KENNY 3/11/81 Dug deep on all holes. NOTE MACHINE BROKE PER SCHISSLER (3) 100M BROKE. NEED J.A.D. - DUG HOLES. HOLD FOR CERTIFIED HOLES. RECHECK AFTER STAKES IN ON PRELIMINARY DUG-YET/087. ALSO PRESENT SCHISSLER, KENNY DIGGER. 100-125 HOLES MEASURED - C.B.D.

TYPE OF SOIL: 1.45-300 except (11, 12) Machine still broke holes C.B.D.

TESTED BY

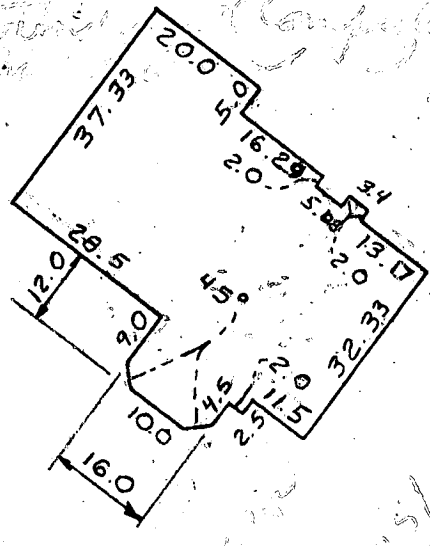
ALSO PRESENT

100-125 HOLES MEASURED - C.B.D.



PLOT PLAN  
 LOT-17  
 CHAPEL CHASE  
 5th. ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

R=1075.00' CA=16.70'



1500 GAL. TANK  
 IN - INV. 511.0  
 OUT - INV. 510.7  
 EX. GRD. 519.0  
 EX. GRD. 513.5  
 DIST. BOX  
 IN - INV. 510.1  
 OUT - INV. 510.0  
 BEG. OF SYSTEM  
 EX. GRD. 513.0  
 INV. 509.0

50' USE IN COMMON DRIVEWAY  
 ESMT. FOR INGRESS & EGRESS  
 TO & FROM LOTS-15,16,17 (PRIVATE)

567°12'52" W 915.05'

567°12'52" E 917.08'

S 23° 56' 52" E 304.25'

30' B.R.L. DRIVEWAY 130' B.R.L.

DEPT. HEALTH PERMIT  
 SEPTIC AREA  
 SEE DEPT. HEALTH PERMIT  
 FOR LENGTH OF TRENCH

WELL  
 GRD. 519.9  
 LOT-17  
 3.21 AC.  
 F.F. 523.0  
 B. 514.0

4BR-280 FT LENGTH OF TRENCH

10/28/92  
 REVISED PLAN  
 BP 45673  
 COLP 36126  
 REV. 9-1-92 NEW HOUSE

Tri - County Surveys, Inc.

BOX 55 • DAMASCUS, MARYLAND 20872 • (301) 831-3655  
 LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES

REFERENCE  
 Plat Book  
 Plat No 9506

COUNTY OF  
 HOWARD

Drawn by: J.R.S.  
 Checked by: WLVW  
 Job No.: 92-011

SURVEYOR'S CERTIFICATION

I hereby certify that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements were located by accepted field practices and include permanent visible structures and encroachments, if any. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat. No title report furnished.

*William L. Wirts*

Note: House does not lie within a flood hazard area

WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721

Scale: 1" = 100'  
 DATES  
 Wall Ck.:  
 Final Loc.:  
 Record:

NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fence, building or other improvements. No responsibility is extended herein to future purchasers.

2/8/93  
11-12 months  
prohibit

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation X  
Replacement \_\_\_\_\_

Receipt # -0-  
Date 2-5-93

Name of Installer Marino PTH, INC

Telephone 747-5615

License Number M-3095

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber X

Name of Property Owner HASSAN  
Subdivision Chapel Chase Lot # 17  
Site Address 127097 Chapel Chase Dr

Telephone 792-7456  
Well Tag # HO-92-0090

Pump

- 1. Type
  - a. Deep well jet \_\_\_\_\_
  - b. Shallow well jet \_\_\_\_\_
  - c. Submersible X

Motor

- 1. Horsepower 3/4
- 2. RPM \_\_\_\_\_
- 3. Voltage \_\_\_\_\_
  - a. 110 \_\_\_\_\_
  - b. 220 X

Pitless Adapter

- 1. Make Brass
- 2. Model # \_\_\_\_\_
- 3. Depth 42"

2. Make Jacuzzi

3. Model # 7A514518-E2-9256-8518

4. Capacity \_\_\_\_\_ GPM

5. Pump exceeds well capacity Yes \_\_\_\_\_ No X

6. If Yes, is low pressure cutoff switch installed? Yes we still use it No \_\_\_\_\_

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ✓ Cable guards ✓ Other \_\_\_\_\_

Tank

- 1. Capacity \_\_\_\_\_
- 2. Pressure relief valve? YES

Piping

- 1. Type PLASTIC
- 2. Size 1"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 42"

Well data

- 1. Depth 340 ft.
- 2. Yield 4 GPM
- 3. Static water level 67 ft.
- 4. Will water supply be disinfected by installer? Builder

P.A. OK @ 4' B.G.  
AND WELL LINE  
2/8/93 MR

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Joseph Q Marino

Date: 2/5/93

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

787/582

LOT 17  
44 A 19  
3.7 AC

HOUSE

LOT 16  
44 A 20  
3.2 AC

HOUSE

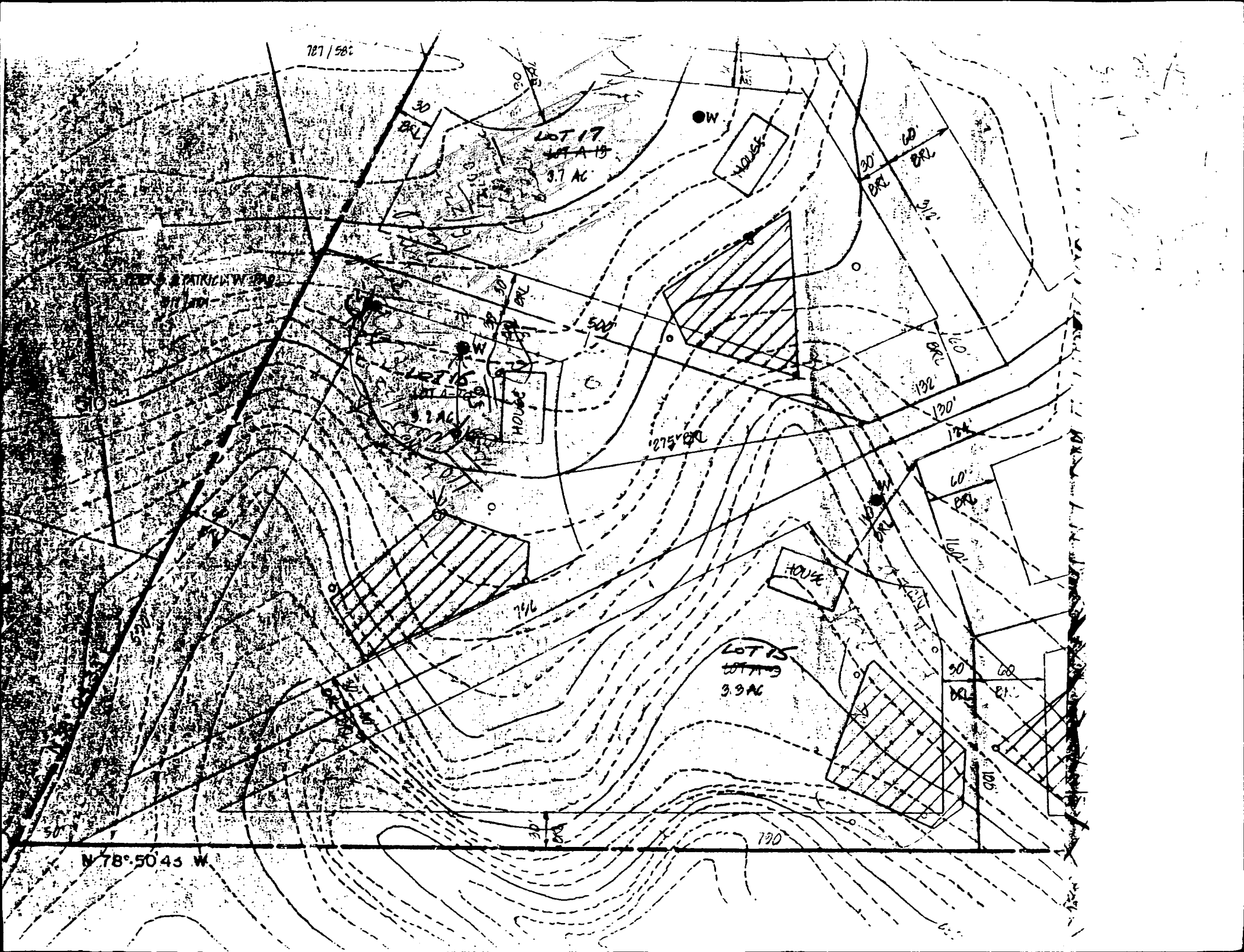
275' BR

HOUSE

LOT 15  
44 A 21  
3.9 AC

HOUSE

N 78° 50' 43" W



C1 6814

SEQUENCE NO. (DENV. USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A 31178

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid 061792

Depth of Well grid 325

PERMIT NO. grid H0-92-0070

OWNER J.B. & SONS INC. last name first name CHAPEL CHASE DRIVE TOWN CLARKSVILLE SUBDIVISION CHAPEL CHASE SECTION LOT 17

WELL LOG Not required for driven wells 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: SAND 0-64, CLAY MICH ROCK 64-325.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC NO. OF BAGS 16 NO. OF BOUNDS 1504 GALLONS OF WATER 76 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 50 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE S1 Nominal diameter top (main) casing 4 inch Total depth of main casing 180 feet

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

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

DEPTH (nearest ft.) HO 67 325 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

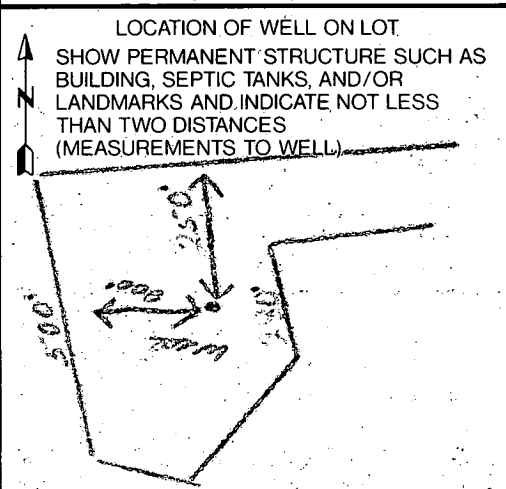
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 2 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 107 WHEN PUMPING 247 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 YES NO (CIRCLE) (YES or 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)



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 (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY