

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48340

A 42232

DISTRICT 5th

DATE 7/10/92

DATE SYSTEM APPROVED 8/26/92

INSPECTOR RH

**HOWARD COUNTY HEALTH DEPARTMENT**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

J. Joseph Gartland, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 1835 W. Old Liberty Road, Westminster, Maryland PHONE 875-2400

SUBDIVISION Adams Reach LOT 11 ROAD ~~5669~~<sup>5655</sup> Chamblis Drive

PROPERTY OWNER Thurman and Elizabeth Walls

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front lot line and 150 feet from the left lot line as seen when facing the lot from Broadwater Lane. Run trenches on contour toward the left front corner.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/9/92 OK RH

PLANS APPROVED BY Sid Abel DATE 6/09/89

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, 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

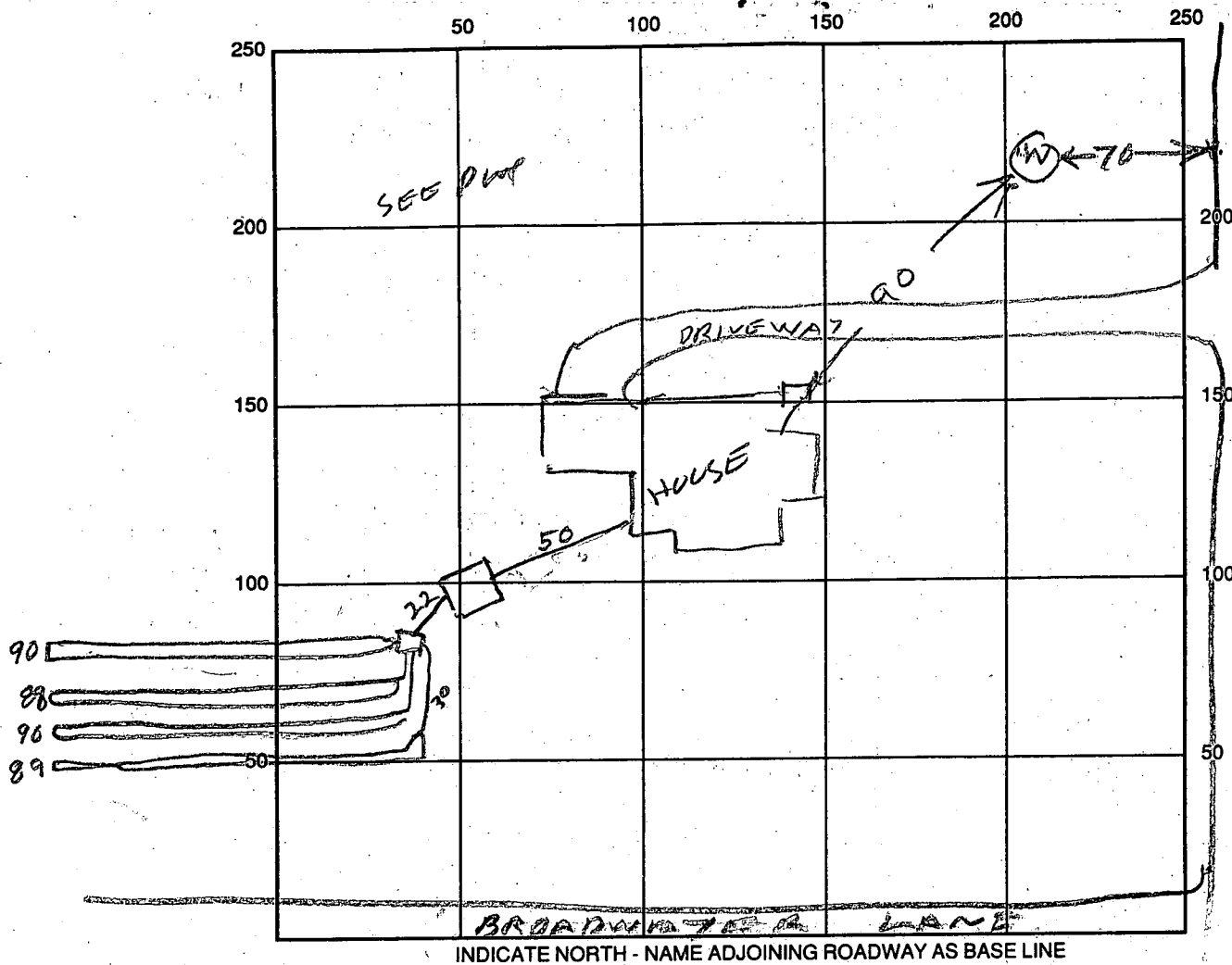
PERMIT VOID AFTER TWO YEARS

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  
42232



SEPTIC TANK LEVEL 1500 CLEANOUTS ST OK

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 11234 FT. | TOTAL 357

NUMBER OF TRENCHES \_\_\_\_\_ ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

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

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

REMARKS: 8/20/92 DISCUSSED SYSTEM WITH CONTRACTOR RH

8/25/92 - SYSTEM LOOKED OK BUT DID NOT HAVE SPECS WITH ME

8/26/92 - FOUND SPECS AT OFFICE SYSTEM IS OK

DATE SYSTEM APPROVED 8/26/92 INSPECTOR Raymond Hodger

# APPLICATION

PERCOLATION TESTING

A 42232  
P \_\_\_\_\_

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

DISTRICT 5<sup>TH</sup>  
DATE MAY 1988

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 ~~BAC MAP DEVELOPMENT LIMITED PARTNERSHIP~~ Thurman and Elizabeth Walls  
C/O H.P. ASSOCIATES  
ADDRESS 3901 NATIONAL DRIVE SUITE 100 PHONE 473-6429  
BURTONSVILLE, MARYLAND 20866 421-1900

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION ADAMS REACH SEC. 1 LOT NO. 19 LOT 11 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF  
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TEN OAKS ROAD  
(5669 Chamblis Drive)

TAX MAP 28 PARCEL # 240  
SIZE OF LOT ± 3.0 AC TYPE BLDG. SFD  
(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.

RATKAP  
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Standard Home DATE 6-2-89

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

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

REASONS FOR REJECTION OR HOLDING 9-13-88 Ruc Satis factory - Hold for Subd. Plat. Show

**BLDG. PERMIT SIGNED**  
**AND RETURNED** 2/24/92  
Serial # 41203  
SFD - 5 Bedrooms

**BLDG. PERMIT SIGNED**  
**AND RETURNED** 9/5/89  
Serial # 28696  
SFD - 4 Bedrooms

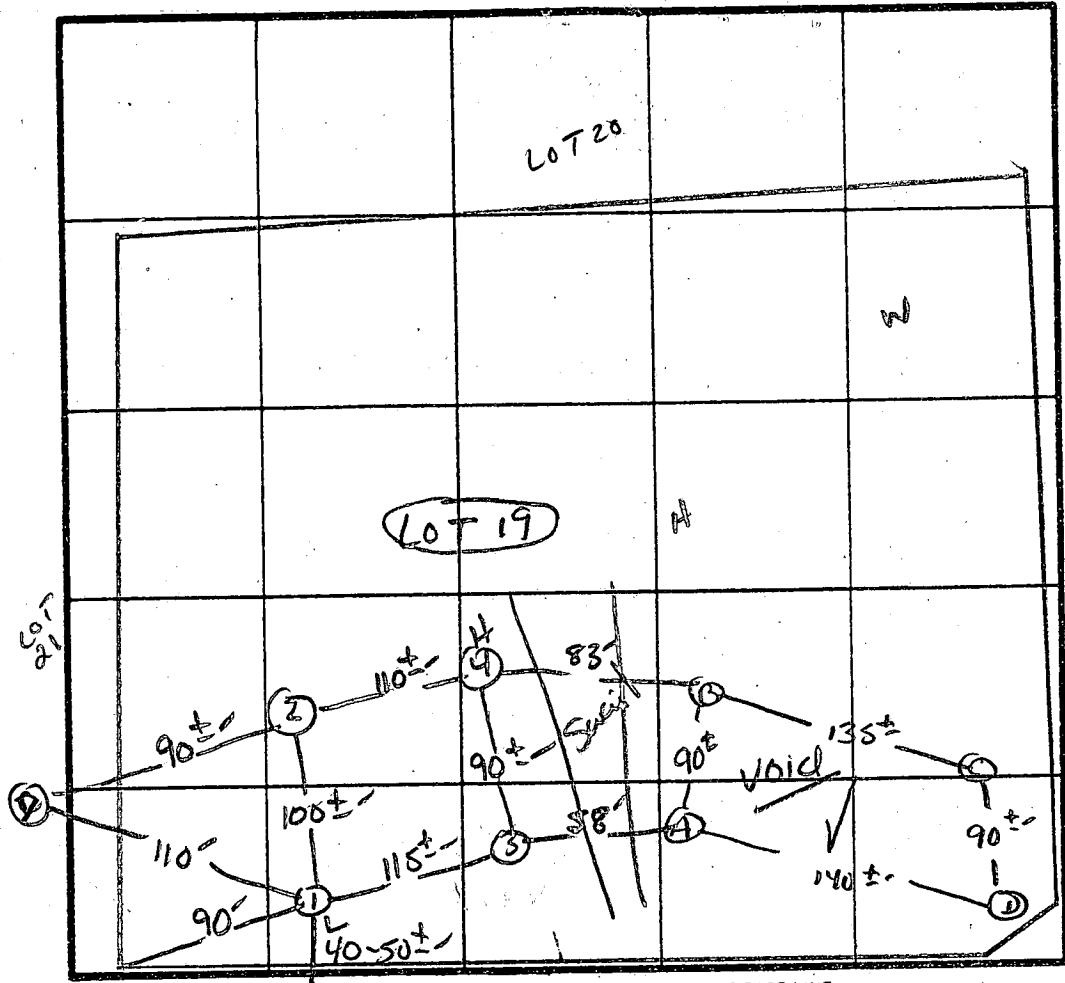
# THIS IS NOT A PERMIT

A-42232

① ④  
SOIL PROFILE

0  
6" AP  
RED BROWN  
SILTY CLAY  
LOAM  
w/ small  
AMBS OF  
FRAGS  
QUARTZITE

3.5  
Yellow BL  
Silt LOAM  
10-15%  
FRAGS



2 Perc. 11 MID  
200 #/GR  
Inlet 3.5'  
Bottom 5.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
a BROADWATER LANE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/13/66	1S	4.5"	11:59	12:00	12:00	12:04	4 MIN	
	2V	12.5"	UNIFORM soil below 4.0"					
	3S	3.5"	12:05	12:06	12:06	12:08	2 MIN	
	3V	12.5"	UNIFORM soil below 5.5"					
	4S	6.0"	12:17	12:33	12:33	11:05	32 MIN	
	4M	9.5"	12:15	12:17	12:17	12:20	3 MIN	
	4V	13"	UNIFORM soil below 5.5" (C <sub>u</sub> )					
	AV	CLAY TO 8±'						

SAND LOAM PACKET AT 10-W

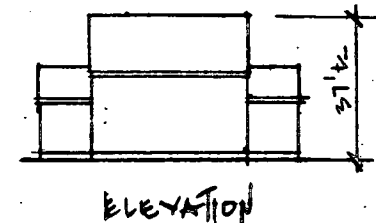
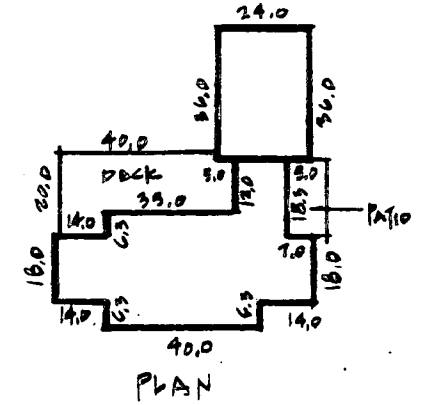
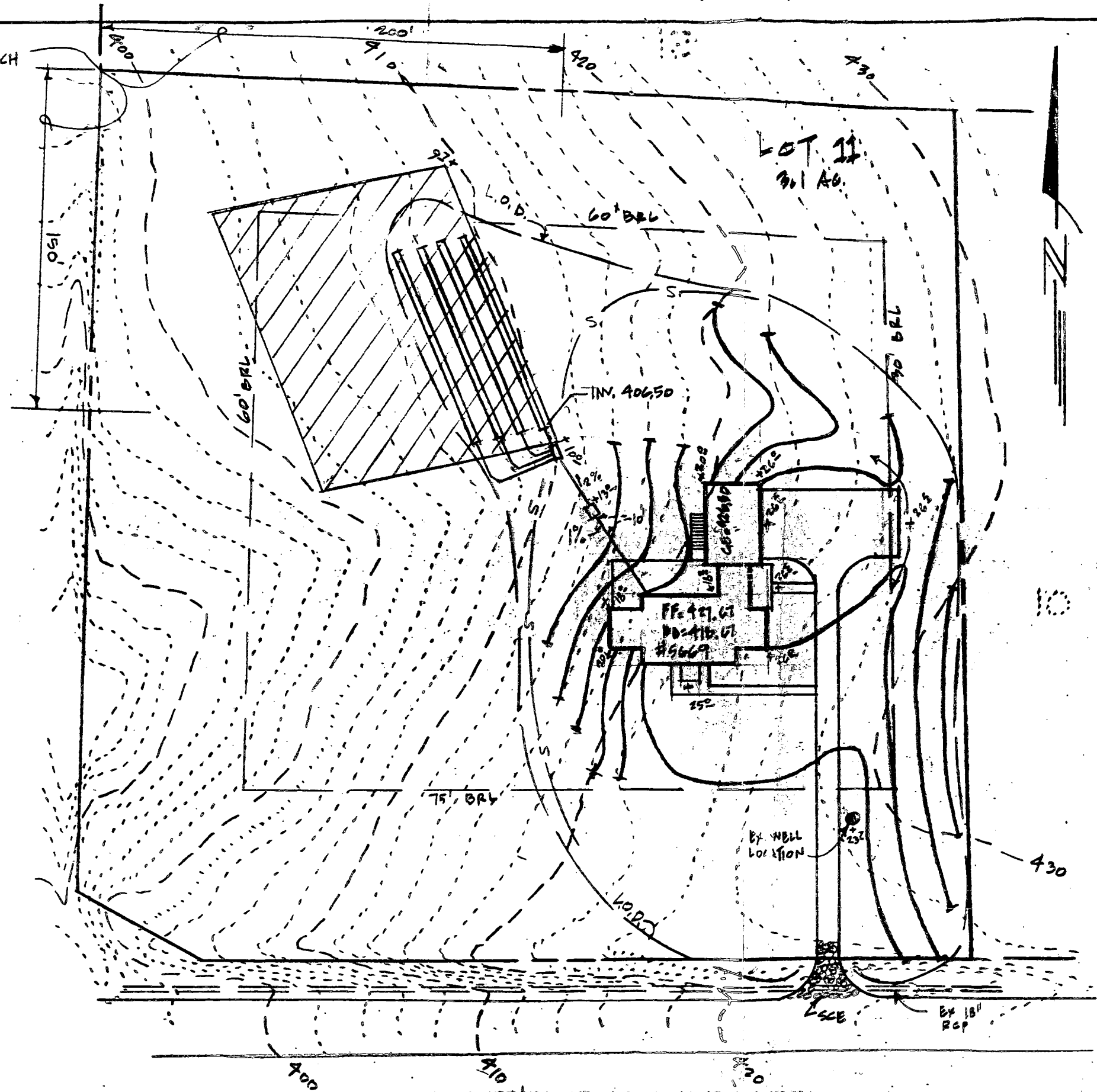
REMARKS Holes DIFF Than PLAT/ SHALLOW syst. only

TYPE OF SOIL Chester/ minor lens -> gravelly lens

TESTED BY S. Abel ALSO PRESENT Fyock + CO.

EH-12-1079

START OF FIRST TRENCH



SEPTIC SYSTEM DATA

INV. ELEV. HOUSE	416.67
INV. ELEV. TANK (IN)	408.00
INV. ELEV. TANK (OUT)	401.50
INV. ELEV. BOX (IN)	407.00
INV. ELEV. BOX (OUT)	406.67

NOTES:

FIVE BEDROOMS/ EXACT TRENCH LENGTH TO BE DETERMINED BY THE HEALTH DEPARTMENT.

PREPAREE'S CERTIFICATE

I CERTIFY THAT THE ABOVE MEASUREMENTS ARE CORRECT.

2-21-92 R. Kelly

RICKLIN HOMES, INC.

CONTRACTOR:  
RICKLIN HOMES, INC.  
101 CHESTNUT ST.  
GAITHERSBURG, MD 20877  
301-948-2919

OWNER:  
MR/S THURMAN WALLS  
665 KIRKWOOD DR.  
EVANSVILLE, IN 47115

CHAMBLIS DRIVE

SCALE: 1" = 50'

SITE PLAN

LOT 11 ADAMS REACH  
CLARKSVILLE, MD

2-12-92  
COUNTY OF HOWARD  
B.P. # 41202

B 1. **9121** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
**PERMIT TO DRILL WELL**  
 please print or type

STATE PERMIT NUMBER  
**46-88-0727**  
 fill in this form completely

Date Received (APA) **051889**  
 OWNER INFORMATION  
**KOREN DEVELOPMENT**  
 ONE CENTRE PARK DR  
 COLUMBIA MD 21045

B 3 LOCATION OF WELL **R-44293**  
**5/18/89**  
**40.00**  
**HOWARD** COUNTY  
**ADAMS REACH** SUBDIVISION  
 SECTION **111** LOT **111**  
**CLARKSVILLE** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION  
**George F. Easterday**  
 Driller's Name **L. Franklin Easterday, Inc.**  
 Firm Name **9205 Brown Church Rd., Mt. Airy, Md. 21771**  
 Address **5/4/89**  
 Signature *George F. Easterday* Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
  
 DISTANCE FROM ROAD **300** FT

**BROADWATER LANE** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **300** FT

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** COUNTY NAME  
**A-42232** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ DATE ISSUED **061289**  
 CO SIGNATURE *Sally Ann* EXP. DATE **12-11-89**  
 NORTH GRID **504000** EAST GRID **0811000**

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)

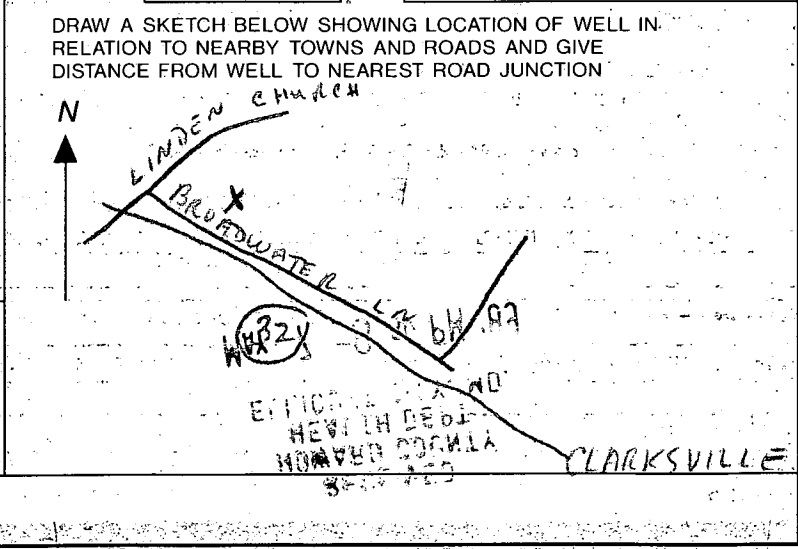
APPROXIMATE DEPTH OF WELL **200** FEET  
 APPROXIMATE DIAMETER OF WELL **6** INCH

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  
 E **8141**  
 N **5044**

**7/21 GROUT**  
**GROUTED**  
**MR**  
**7/24/89**

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 **GAIP**  
 FORCE **SA** WRITE INITIALS IN BOX PERMIT No. **MD-88-0727**  
 SPECIAL CONDITIONS

1 2 3 6  
 0039 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-47232

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED  
072189

Depth of Well  
240  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
40-68-5222

OWNER K. Know Development  
 STREET OR RFD last name Baradine Lane first name \_\_\_\_\_ TOWN Clarksville  
 SUBDIVISION Adams Ranch SECTION 1 LOT 11 (19)

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	
TOP Soil	0	2	
Clay	2	5	
BROWN Mica	5	28	
GRAY Mica	28	45	
BROWN Mica	45	55	✓
GRAY Mica	55	80	
Flint	80	85	✓
GRAY Mica	85	240	

GROUTING RECORD  
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT CM BENTONITE CLAY BC  
 NO. OF BAGS 17 NO. OF POUNDS 1700  
 GALLONS OF WATER 60  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from 0 ft. to 40 ft.  
 (enter 0 if from surface)

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

MAIN CASING TYPE  
 Nominal diameter top (main) casing (nearest inch)  
 Total depth of main casing (nearest foot)  
ST 6 42  
 60 61 63 64 66 70

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.)  
 EACH SCREEN  
40 240  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51

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. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
Harve J. Fitzhugh

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

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN \_\_\_\_\_ (NEAREST INCH)  
 from \_\_\_\_\_ to \_\_\_\_\_

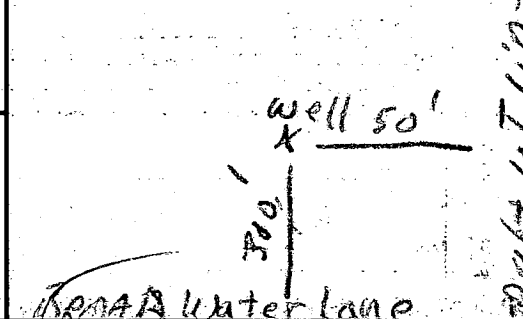
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) W Q  
 70 \_\_\_\_\_ 72 \_\_\_\_\_ 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 5  
 METHOD USED TO MEASURE PUMPING RATE Buckler  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING 34  
 WHEN PUMPING 126  
 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).  
+ above } LAND SURFACE 2 (nearest foot)  
- below }

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)



COUNTY