

9/18/90
W.S.A.F.

File

9/18/90

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
451-9933

04-348788

INDEXED

P 45790

A 31122

DISTRICT 4th

DATE 4/18/91

DATE SYSTEM APPROVED 9/19/90

INSPECTOR C.B.S.

Walter W. King Plumbing & Heating Contractors, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 1-301-662-6990

SUBDIVISION Ellerslie Estates ROAD 3124 Ellerslie Court LOT 5

PROPERTY OWNER Rulte Homes Don + Jennifer Van Valkenburgh

ADDRESS _____

~~EXCHANGE OR UNDER USE INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 12%~~

~~GARBAGE GRINDER XXXYESXXXXXXXXXXNOXXXXXX~~

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 345ft from the front lot line and 35 ft from the right lot line as seen when facing the lot from Ellerslie Ct. Run trenches on contour toward the rear right lot corner.

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

PLANS APPROVED BY Sid Abel cm DATE 05/23/89

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 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 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

BLDG. PERMIT SIGNED AND RETURNED 7/3/91
Serial # 34590-2701

A 31122

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31122
P ①

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT FOURTH

DATE JANUARY 19, 1981

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 MR. WILLIAM MITCHELL

ADDRESS 13071 TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION:

SUBDIVISION ROSEBAR

LOT NO. 23

ROAD AND DESCRIPTION NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNWOODS ROAD AND HOBBS ROAD.

SIZE OF LOT 3 Ac. +/-

TYPE BLDG. SINGLE FAMILY

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

Charles J. Condit

APPROVED BY

FOR

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

Stephen S. Neil

DATE

1/26/81

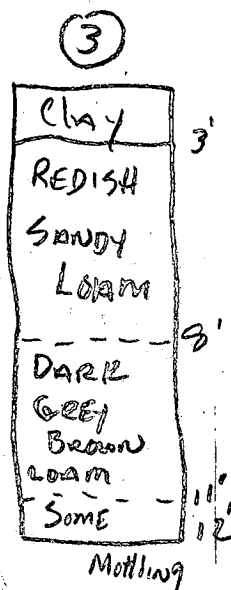
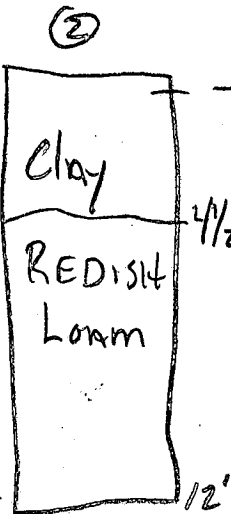
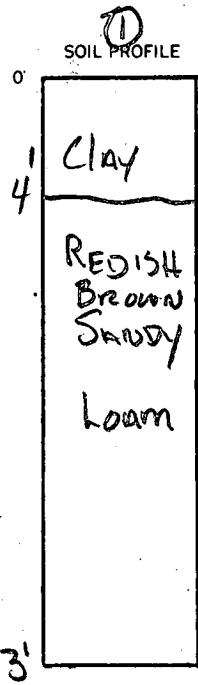
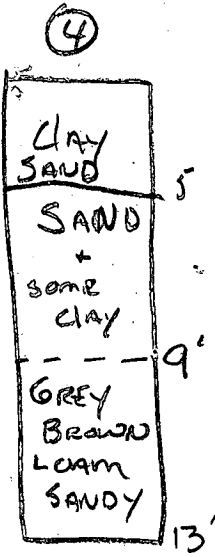
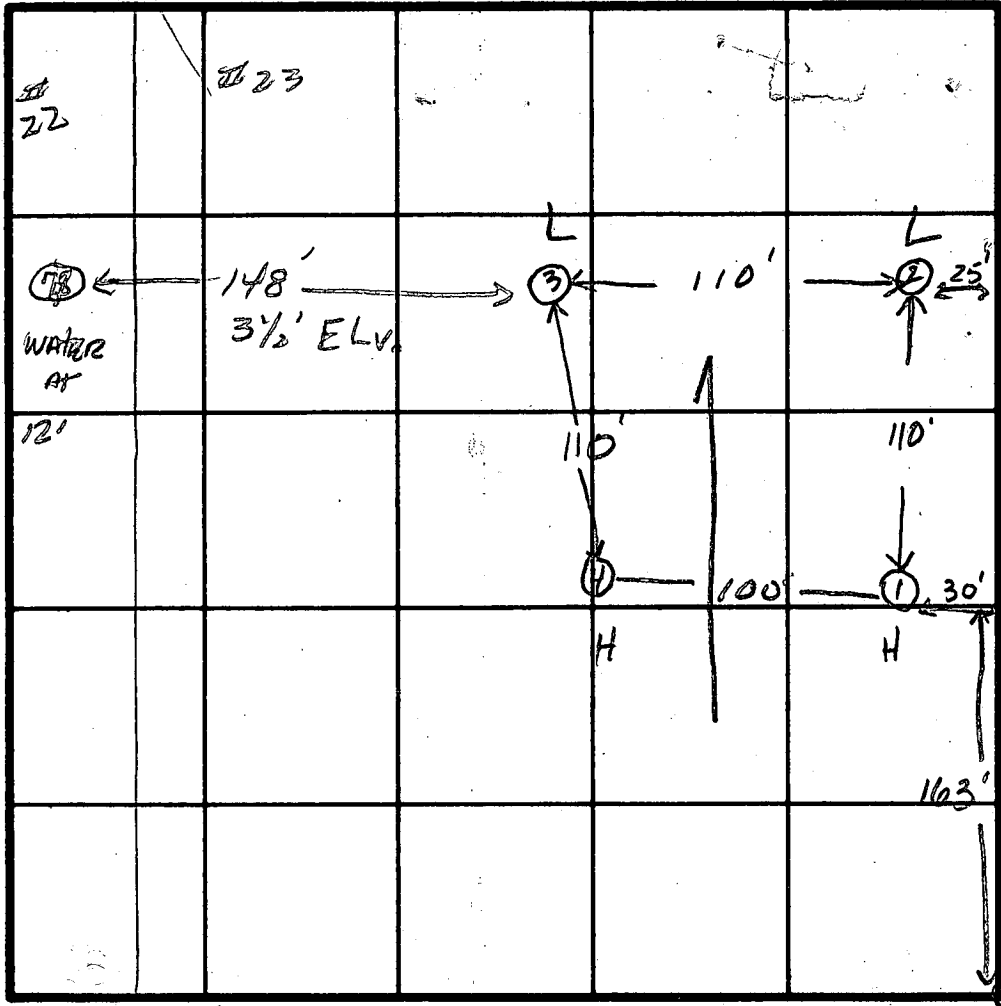
REASONS FOR REJECTION OR HOLDING

Certified holes + review

THIS IS NOT A PERMIT

23 #5 5/15/81

FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
Proposed R/W

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/26/81	15	4'	12:32	12:37	12:37	12:48	11
	1m	9'	12:33	12:37	12:37	12:44	7
	23	3 1/2'	12:44	XXXX			FAIL
	2m	7 1/2'	12:38	12:44	12:44	12:52	8
	3s	3 1/2'	12:53	12:55	12:55	1:01	6
	3m	8 1/2'	12:54	12:56	12:56	1:02	6
	43	4'	1:05	1:22	XXXX	XXXX	FAIL
	4m	8 1/2'	1:05	1:14	1:14	1:30	16
	- 2As	4 1/2'	1:18	1:28	1:28	1:43	15
	- 4As	5'	2:04	2:13	2:13	2:38	25

1/4" Good Ground
5'
1/4" inlet of
8' max

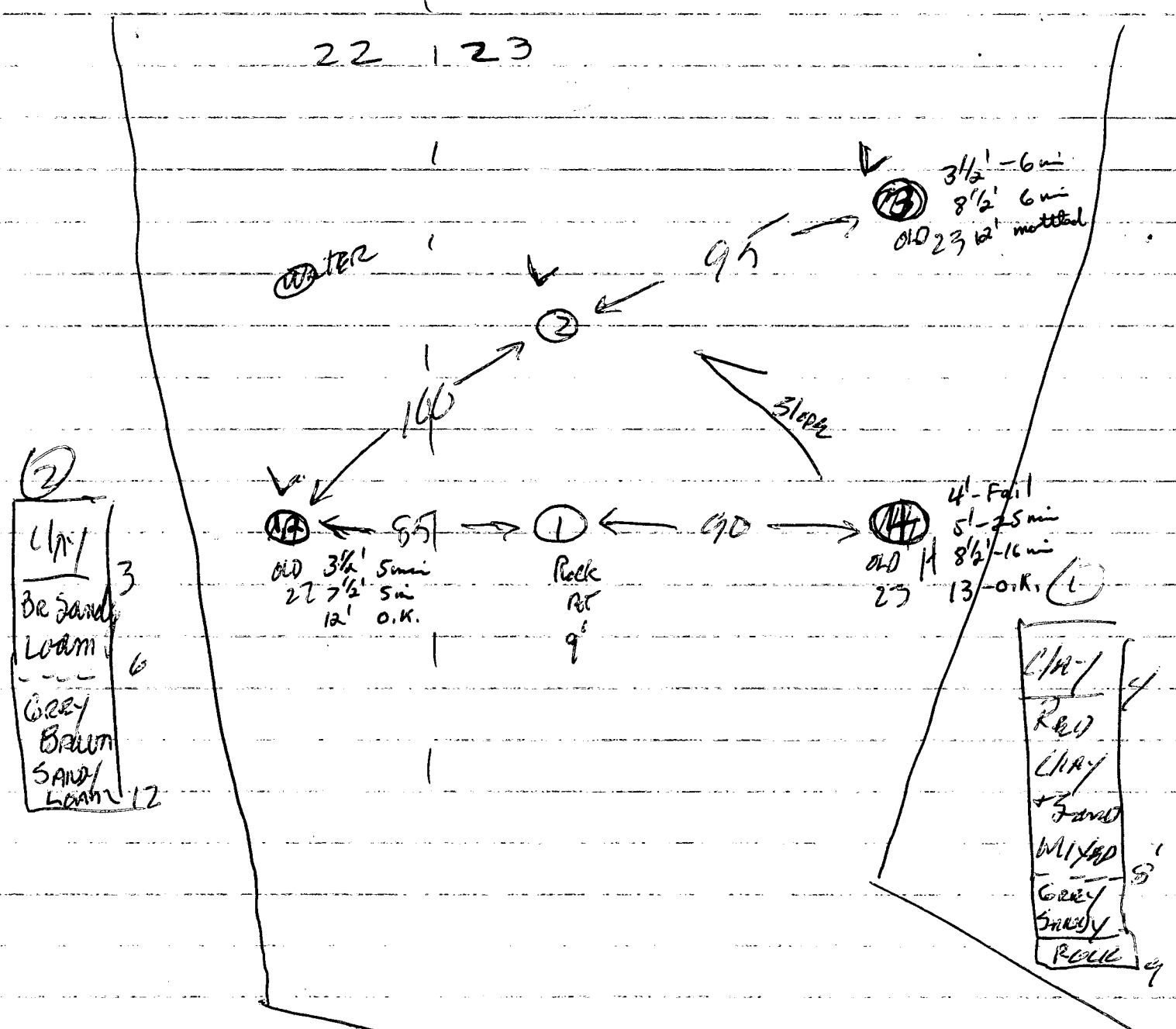
8" max

REMARKS: Open Corn Field, Lot staked, Holes staked, Shallow Sys!
 TYPE OF SOIL: Soil Spotty some Clay Pockets
 TESTED BY: SK + GBS
 ALSO PRESENT: Boby Skip of Fryck C. Crovo

5 Dec 1981

New unnumbered lot A

Part old 23 + old 22



②
 11/1
 Br Sand 3
 Loam 6
 Grey
 Brown
 Sand/Loam 12

①B
 3 1/2' - 6"
 8 1/2' 6"
 old 23 12' mottled

①A
 old 27 3 1/2' 5"
 7 1/2' 5"
 12' O.K.

①
 Rock
 rot
 9'

①B
 old 25 4' Fall
 5' - 7.5"
 8 1/2' - 16"
 13' - O.K.

11/1
 Red
 Clay
 + Sand
 Mixed 4
 Grey
 Sandy 5
 Rock 9

3/7/81			10:07	10:35	28 mi	
9R 13	1	9:54	9:54			unfed d
1M	5	9:55	9:58	10:07	2 mi	good soil 5'
1D	9					
2S	3'	9:55	9:59	10:05	7 mi	Max depth 8'
2M	7'	9:55	9:57	10:01	4 mi	T=20 min
2D	12'					Trenches

C 1 - 2329

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 21122

DATE RECEIVED

DATE WELL COMPLETED 06/12/89

DEPTH OF WELL 45

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-98-0492

OWNER: Kevin Deane last name, first name, TOWN: Kilmartin, SUBDIVISION: 51111111 SECTION: LOT: 15

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. Rows include Top Soil, Red Clay, Red Mica, Blue Mica, Cornwall Bro.

GROUTING RECORD WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 6, NO. OF POUNDS 1000, GALLONS OF WATER 30, DEPTH OF GROUT SEAL 19 ft.

CASING RECORD casing types insert appropriate code below: ST (Steel), CO (Concrete), PL (Plastic), OT (Other)

MAIN CASING Nominal diameter top (main) casing of main casing TYPE (ST), diameter 6, total depth of main casing 21 ft.

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

SCREEN RECORD screen type or open hole insert appropriate code below: ST (Steel), BR (Brass), HO (Open Hole), PL (Plastic), OT (Other)

DEPTH (nearest ft.) table with rows for casing and screen depths. Includes slot size and diameter of screen.

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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST HOURS PUMPED 2, PUMPING RATE 10 gal. per min., METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL 18 ft. before, 19 ft. when pumping, TYPE OF PUMP USED: 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, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

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) SKR plot plan

CIRCLE APPROPRIATE LETTER 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. 40, DRILLERS SIGNATURE (Blane Deane), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

B 1 1156

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER 40-88-0492

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

please print or type

fill in this form completely.

Date Received (APA) 030289 OWNER INFORMATION KOREN DEVELOPMENT 1 CENTRE PARK DR COLUMBIA MD 21045

LOCATION OF WELL R 43706 HOWARD COUNTY ELLERSLIE SUBDIVISION SECTION 44 LOT 52 NEAREST TOWN GLENWOOD MILES FROM TOWN 1 MI

DRILLER INFORMATION George F. Easterday L. Franklin Easterday, Inc. 9265 Brown Church Rd., Mt. Airy, Md. 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ELLERSLIE CT NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 250 FT

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-31122 COUNTY NO. STATE SIGNATURE DATE ISSUED 031589 CO SIGNATURE EXP. DATE 09-14-89 NORTH GRID 528000 EAST GRID 0794000

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)

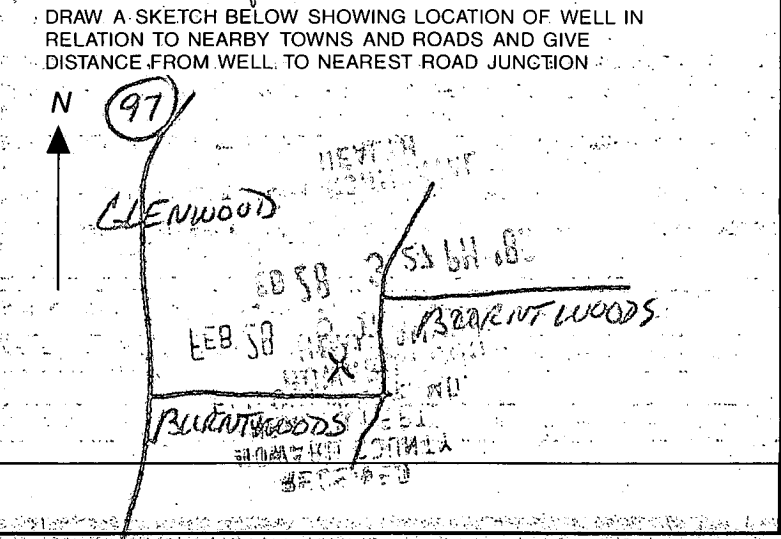
APPROXIMATE DEPTH OF WELL 200 FEET

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 6-12-89 1:00pm Location ok 24 ft casing 19 ft open hole 2 ft above grade 6 bags cement JENADEAN

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) 40-88-0492



Not to be filled in by driller (DP USE ONLY) APPROP. PERMIT NUMBER 40-88-0492 FORCE SA PERMIT No. 40-88-0492

SPECIAL CONDITIONS

9/18/90 A.M.

Final
9/18/90 C.B.D.

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
LINE

New Installation X
Replacement

Receipt # 45304
Date 09/18/90

Name of Installer W.W.King Plbg. & Htg. Cntr., Inc.

Telephone 1-301-662-6990

License Number 2217

Certified Well Pump Installer Well Driller Registered Plumber X

Name of Property Owner Pulte Homes

Telephone 1-301-681-5800

Subdivision Ellerslie Est/Glen Manor Lot # 5

Well Tag # HO - 88 - 0492

Site Address 3124 Ellerslie Ct.

Pump

- 1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible X
- 2. Make Boulds
- 3. Model # TEHC3422
- 4. Capacity 7 GPM
- 5. Pump exceeds well capacity Yes No X
- 6. If Yes, is low pressure cutoff switch installed? Yes No
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards X Other

Motor

- 1. Horsepower 1/3
- 2. RPM 3500
- 3. Voltage
 - a. 110
 - b. 220 X

Pitless Adapter

- 1. Make Martinson
- 2. Model # HP-10X
- 3. Depth 42" min
60" max

Tank

- 1. Capacity 80
- 2. Pressure relief valve? yes

Piping

- 1. Type Plastic #160
- 2. Size 1"
- 3. NSF and/or BOCA Code approved X
- 4. Depth of supply line 42" min
60" max

Well data

- 1. Depth 45 ft.
- 2. Yield 40 GPM
- 3. Static water level ft.
- 4. Will water supply be disinfected by installer? yes

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: Walter W. King

Date: 4-17-90

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

