

6/30/92

PERMIT

03-313883

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48053

A 36590

DISTRICT 3rd

DATE 4/22/92

DATE SYSTEM APPROVED 6/30/92

INSPECTOR RH

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

C. C. Cissel IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION King's Grant LOT 13 ROAD 3208 Regents Row

PROPERTY OWNER Charles Kratz - Charles & Catherine Kratz

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 159

Addition - Pool
BLDG. PERMIT SIGNED
AND RETURNED 4-19-96
Serial # 64372

TRENCHES - Trench to be 2 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 6½ feet below original grade. Effective area begins at 2½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start the first trench 150 feet from the center line of Regents Court and 220 feet from the west lot line. Run trenches along contour toward west side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 3/2/92 RH*

PLANS APPROVED BY Raymond Hodges Revised DATE 2/07/92

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

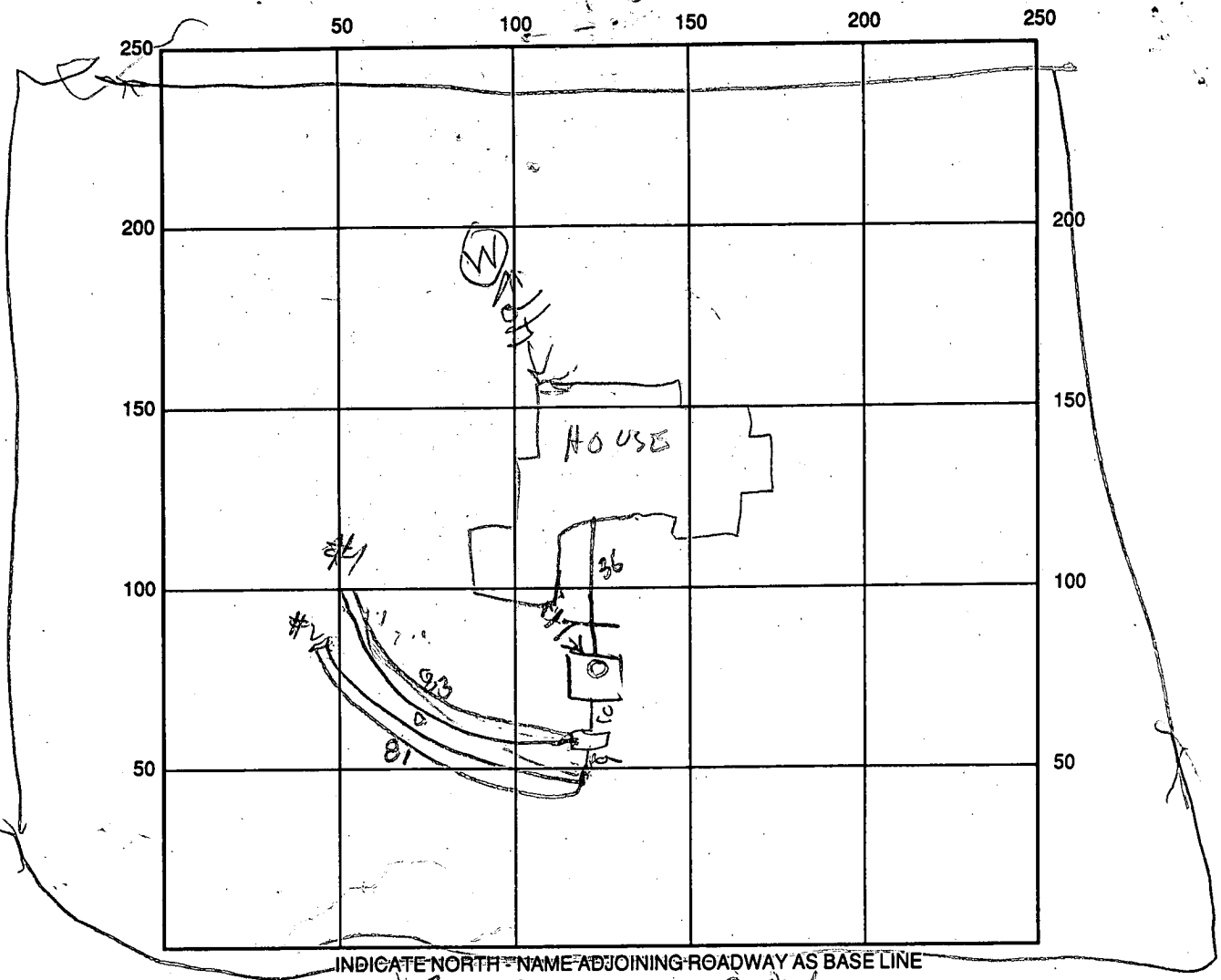
PERMIT VOID AFTER TWO YEARS

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**

A 36590



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1000 CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 83/81 FT. 16 4

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 656 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: _____

DATE SYSTEM APPROVED 6/30/92 INSPECTOR Raymond Hodges

KING'S GRANT

A 36590

SUBDIVISION: REGENTS ROW

LOT NUMBER: 13

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
 Bottom maximum depth _____ feet below original grade.
 Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

Trench to be 2' wide. 210 sq. ft./bedroom
 Inlet 2 1/2' feet below original grade. ~~53~~ LINEAR FT / BEDROOM
 Bottom maximum depth 6 1/2' feet below original grade. ~~58~~ BR
 Effective area begins at 2 1/2' feet below original grade. 3 BR REQUIRE 159
4 feet of stone below distribution pipe. LINEAR FT

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 150' FROM THE
CENTER LINE OF REGENTS COURT AND 220 FT FROM THE WEST
LOT LINE. RUN TRENCHES ALONG CONTOUR TOWARD
WEST
RIGHT SIDE OF LOT.

12/16/88 CWILLIAM

BP REVISED 2/7/92 R HODGES

APPLICATION

PERCOLATION TESTING

A 36590

P _____

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

DISTRICT 3rd

DATE 2-17-86

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 J. C. Matherley ~~Williamstown Borders~~ Charles Kratz

ADDRESS Sumner Hill Farm Rt 3rd Friendship PHONE 489-4642
⁵⁹⁶⁻⁰⁷⁷⁴

PROSPECTIVE BUYER Howard County Land Service Inc

ADDRESS 10176 Baltimore Natl Pike PHONE 465-5853

PROPERTY LOCATION: 6600 road
SUBDIVISION Matherley Property KING'S GRANT #
LOT NO. 13

ROAD AND DESCRIPTION Rt 3rd old Kings Road 3208 REGENTS ROW

TAX MAP 72 PARCEL # 7

SIZE OF LOT 3.0 ac. TYPE BLDG. Single Family
(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.

J. C. Matherley
(SIGNATURE OF APPLICANT)

APPROVED BY S. D. [Signature] FOR Deep trenches DATE 5-26-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

INITIAL PERMIT SIGNED
AND RETURNED 2/1/86
Serial # 91082-5FD

LOG. PERMIT SIGNED
AND RETURNED 8-26-89

BP 20183
8/22

THIS IS NOT A PERMIT

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 36590

P _____

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

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION MOBERT PROPERTY LOT NO. 26

ROAD AND DESCRIPTION ROUTE 32 OPPOSITE WEST LVOZ 7 RD

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

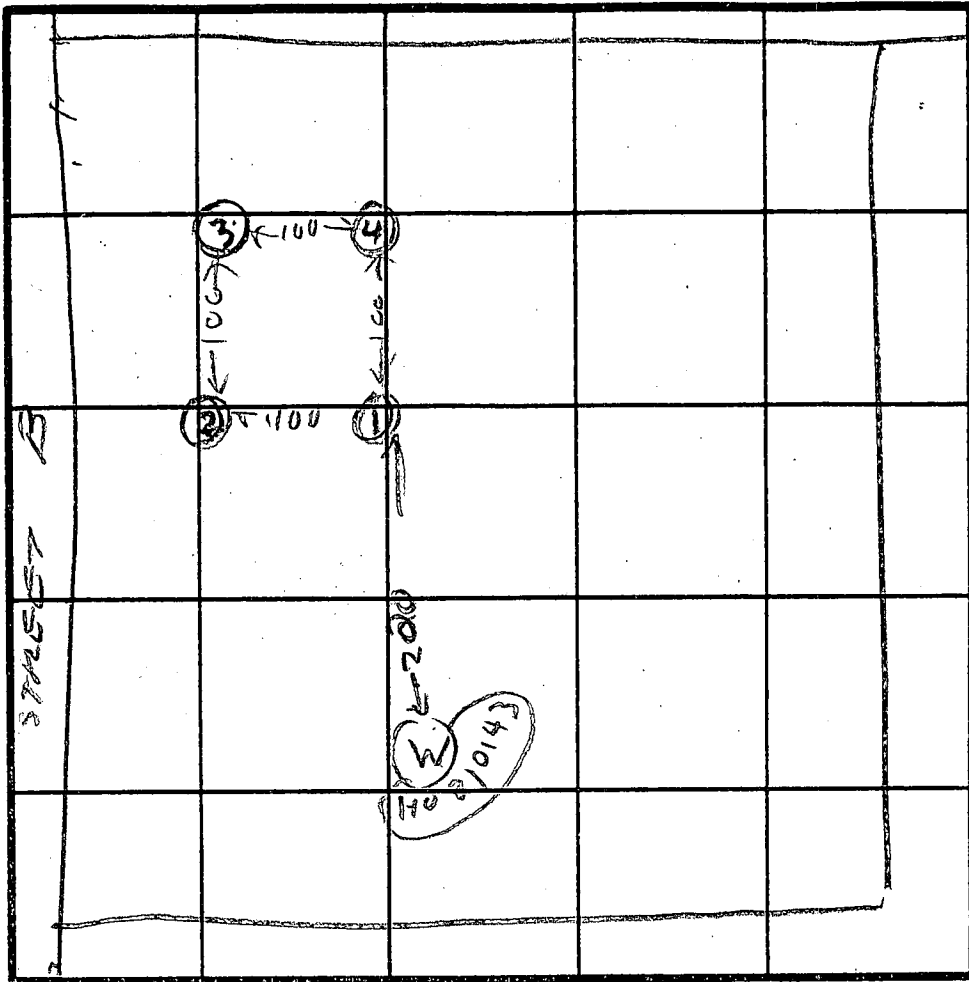
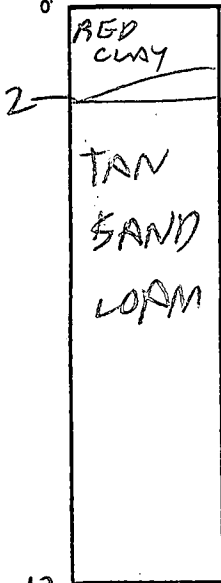
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot 26
MOBERLY
PROPERTY

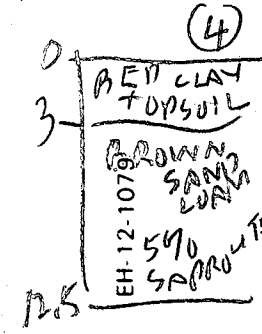
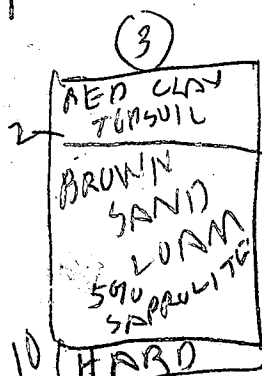
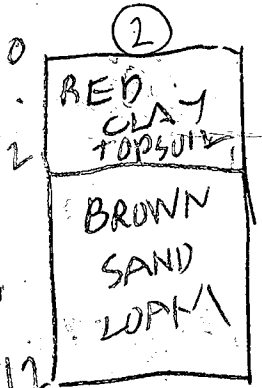
(13)

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HOLE ELEVATION
 (1) (2) = HIGH
 (3) LOW
 (4) LOWEST
 ALMOST LEVEL AREA



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/28/86	1S	4	208	210	210	216	6
	1M	9	209	210	210	212	2
	1V	12	LOOKS	OK			
	2S	4	217	220	220	225	5
	2V	12	LOOKS	OK			
	3S	3.5	221	226	226	233	7
	3V	12.5	LOOKS	OK			
	4S	3	230	232	232	237	5
	4V	12.5	LOOKS	OK			

REMARKS HOLES DUG PER SURVEYORS PLAT

TYPE OF SOIL _____

TESTED BY R HODGES ALSO PRESENT KETTERMANS

1101-2-C
 Application

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF PUBLIC WORKS
 BUREAU OF INSPECTIONS LICENSES & PERMITS

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

41082

41082

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

3208 Regents Row
 West Friendship, MD 21794

GRADING/SEDIMENT CONTROL YES NO

DESCRIPTION OF WORK AUTHORIZED

Building New SFD, 1 story w/ garage
 Add 2 car garage

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
13	7	1				

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
Kings Grant		22	3rd	

OWNER'S NAME AND ADDRESS PHONE NO.

Charles Kratz
 6811 Grimes Goldman Court
 Columbia, MD 21045
 596-0774
 997

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT

OCCUPANT'S NAME AND ADDRESS PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.

Clark, Finefrock & Sackett
 7135 Minstral Way
 Columbia, MD 21045
 381-7500

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			

CONTRACTOR'S NAME AND ADDRESS PHONE NO.

Nu-Homes, Inc.
 10480 Little Patuxent Parkway
 Columbia, MD 21044
 997-0700

FOOTINGS	FOUNDATION	W. WALLS

EXISTING USE PROPOSED USE

Vacant Lot SFD

UTILITIES			
WATER/WELL <input checked="" type="checkbox"/>	SEWER/SERVIC <input checked="" type="checkbox"/>	GAS <input checked="" type="checkbox"/>	ELECTRICITY <input checked="" type="checkbox"/>
		TYPE OF HEAT <input checked="" type="checkbox"/>	AC <input checked="" type="checkbox"/>

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been complied with.

EST. CONSTRUCTION COST	LICENSE NUMBER	PERMIT FEE
200,000	195910	

Exec. Assistant
 Nu-Homes, Inc.
 1/31/92
 DATE

W/S CODE FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE _____

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
 DISTANCE IN FEET FROM SIDE STREET R/W LINE _____

TO SIDE BUILDING LINE _____

DISTANCE IN FEET, REAR YD. REQUIRING SET _____

BACK _____ (CORNER LOT ONLY)

CONDITIONS (IF ANY) _____ SDP # _____

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION
 To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.
 Use and occupancy permit must be applied for two weeks before it will be issued.

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	2/7/92	B. Hodges
FIRE PROTECTION		
STORM WATER MGM.		

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

Distribution of Copies:
 White - Building Official
 Green - Planning & Zoning

Yellow - Engineering
 Pink - Health Dept.
 Gold - S.H.A.

LP-69
 Revised

B 1 7815

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0364

(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)

12/14/88

OWNER INFORMATION

Howard Estates Deed

PO Box 1018

Columbia MD 21044

B 3

LOCATION OF WELL

R-43206 40.10 12/14/88

Howard 8 COUNTY

SEVEN KING'S GRANT 23 SUBDIVISION

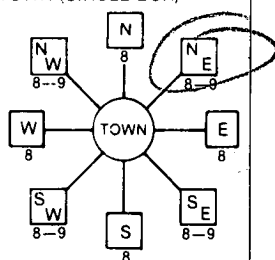
SECTION 44 46 LOT 48 50

Glennig 52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 MI

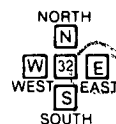
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD Regents Row

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 320

ENTER FT or MI FT

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)

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTary
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVerse-ROTary
Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPM 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 CW WRITE INITIALS IN BOX PERMIT NO. 40-88-0364

SPECIAL CONDITIONS

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A# 36590 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 122388 Charles Began 6/23/89 CO SIGNATURE

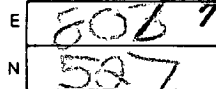
NORTH GRID 527000 EAST GRID 0807000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

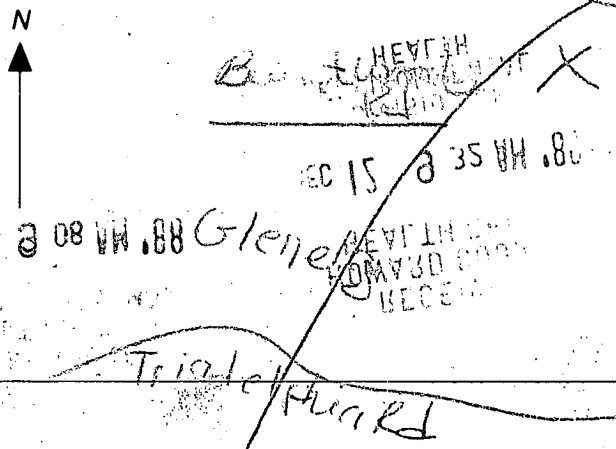
- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



Handwritten notes: 5-1-87 2ND GROUT WELL OK 2 BAGS OVER 50 FT open Location OK 70 FT casing

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



E STEM
T

547 x

450'

LOT 11
4.12 AC
- .18 AC PIPE STEM
3.94 AC NET
510

EX. WELL TO
BE REMOVED

285

#11

BRL

380'

610

#13

WELL SITE

OK MR 12/22/88

MRVCBS

LOT 13
3.18 AC

155'

BRL

25' 25'

170 REGENTS ROW

170'

EDLISS

PT STA
7465.00

NET

LOT 15
3.36 AC
- .32 AC
3.04 AC NET

100'

STA T2+40

EL 478.52

BRL

708.35'

558° 22' 5"
1111.50

7

C1 6692 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 36590

DATE RECEIVED DATE WELL COMPLETED

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" A0-88-0364

OWNER HOWARD ESTATES DEVP. STREET OR RFD ELEGENTS COURT TOWN GLENELEG SUBDIVISION KINGS MOUNT SECTION LOT 13

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include Topsoil, Stone, Brown Mica, Grey Mica, Brown Mica, Grey Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 20 NO. OF POUNDS 2000 GALLONS OF WATER 100 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 7 ft.

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

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 60 Total depth of main casing (nearest foot) 73

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.) 40 71 400

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. 41

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

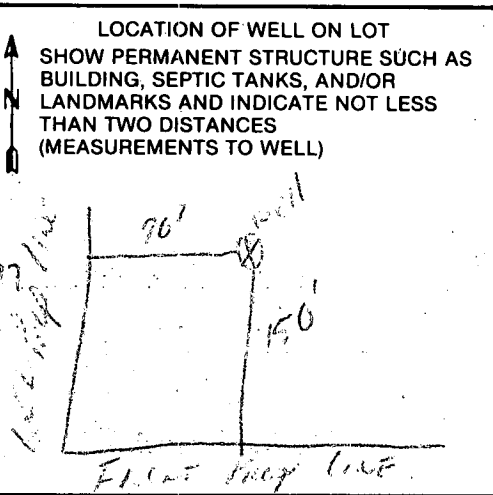
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 1 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 8.1 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: 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)



COUNTY

5/9/89 11:30 King Grant

Review OK 5/30/89 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0364
Location of property (road) EDLISS COURT REGENTS ROW
Subdivision GLENN MOOR KING GRANT Lot 13 Block - Plat - Sec. -
Well Driller G. EASTERDAY Owner HOWARD ESTATES DEVP.

Depth of well 400 10 PM'
Distance of measuring point (M.P.) above ground 2 FEET
Static water level (S.W.L.) below M.P. 35 FEET

I. High rate pumping -- reservoir drawdown

Time pump started 12:00 Pumping rate 12 G.P.M.
Total time 30 min. to reach pumping water level 192 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE (time to fill 5 gallon bucket)	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
12:30	192 FEET'	60 SECONDS	N/A	1 G.P.M.
12:45	192 FEET	60 SECONDS		1 GALLON
1:00	192 FEET	60 SECONDS		1 GALLON
1:15	192 FEET	60 SECONDS		1 GALLON
1:30	192 FEET	60 SECONDS		1 GALLON
1:45	192 FEET	60 SECONDS		1 GALLON
2:00	192 FEET	60 SECONDS		1 GALLON
2:15	192 FEET	60 SECONDS		1 GALLON
2:30	192 FEET	60 SECONDS		1 GALLON
2:45	192 FEET	60 SECONDS		1 GALLON
3:00	192 FEET	60 SECONDS		1 GALLON
3:15	192 FEET	60 SECONDS		1 GALLON
3:30	192 FEET	60 SECONDS		1 GALLON
3:45	192 FEET	60 SECONDS		1 GALLON
4:00	192 FEET	60 SECONDS		1 GALLON
4:15	192 FEET	60 SECONDS		1 GALLON
4:30	192 FEET	60 SECONDS		1 GALLON
4:45	192 FEET	60 SECONDS		1 GALLON
5:00	192 FEET	60 SECONDS		1 GALLON
5:15	192 FEET	60 SECONDS		1 GALLON
5:30	192 FEET	60 SECONDS		1 GALLON
5:45	192 FEET	60 SECONDS		1 GALLON
6:00	192 FEET	60 SECONDS		1 GALLON
6:15	192 FEET	60 SECONDS		1 GALLON

6:30 192 FEET 60 SECONDS 1 GALLON

HOWARD COUNTY HEALTH DEPARTMENT

JOYCE M. BOYD, M.D., M.P.H.
COUNTY HEALTH OFFICER



Bureau of Environmental Health
3525 Ellicott Mills Drive
Ellicott City, Maryland 21043

Director - 461-9956
Water & Sewerage, Permits - 461-9933
Community Environmental Health - 461-9944
Technical Services - 461-9955

June 8, 1989

Howard Estates Development
P.O. Box 1018
Columbia, Maryland 20144

Re: Kings Grant - Lot 13
Regents Row
Well Permit No. HO-88-0364

To Whom It May Concern:

The water sample recently submitted for testing from the above referenced water supply revealed that nitrate-nitrogen was present at a concentration of 23.0 parts per million. COMAR 26.04.04.09 prohibits approval of any water supply with a nitrate-nitrogen contaminant level in excess of 10 parts per million.

This department will grant a Permanent Deviation from that regulation if a nitrate removal device is installed that effectively maintains the nitrate-nitrogen contaminant level below the 10 parts per million requirements. Once this device is installed, it will be necessary for you to comply with the following conditions before a Final Certificate of Potability can be issued:

1. Within six months, you must have your water re-tested to insure that the installed nitrate removal system is operating properly. Thereafter a yearly nitrate analysis is recommended.
2. There must be continuing service contract with a plumbing contractor or water treatment service company to maintain the efficiency of the nitrate removal device. You must supply this Department with a copy of that contract.
3. If in the future, you decide to sell or rent your home, you must make any potential buyer/tenant aware of the above condition.

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

4/28/92
Anytime

*See other
sedl*

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # 48055
Date 4/22/92

Name of Installer ROBERT L. FEZLER CO.

Telephone 781-4655

License Number 2122

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner NU-HOMES

Telephone 795-1405

Subdivision KINGS CREST Lot # 13

Well Tag # HO-BB-0364

Site Address 3208 REGENTS ROW

- Pump**
- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
 - Make FLINT & WAINING
 - Model # 4F05B07
 - Capacity 5 GPM
 - Pump exceeds well capacity Yes No
 - If Yes, is low pressure cutoff switch installed? Yes No
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

- Motor**
- Horsepower 3/4
 - RPM 3450
 - Voltage
 - 110
 - 220

- Pitless Adapter**
- Make MIB 10X
 - Model # CHAPERL
 - Depth 42"

- Tank CAPTIVE AIR**
- Capacity WX-250
 - Pressure relief valve? YES

- Piping**
- Type Poly.
 - Size 1"
 - NSF and/or BOCA Code approved YES
 - Depth of supply line 42

- Well data**
- Depth 400 ft.
 - Yield 1 GPM
 - Static water level 30 ft.
 - 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).

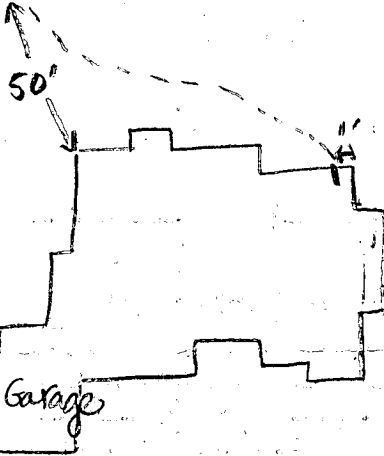
All information given above is true to the best of my knowledge.

Signature of Applicant: *Robert L. Fezler*

Date: 4/16/92

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

W 10-88-0364

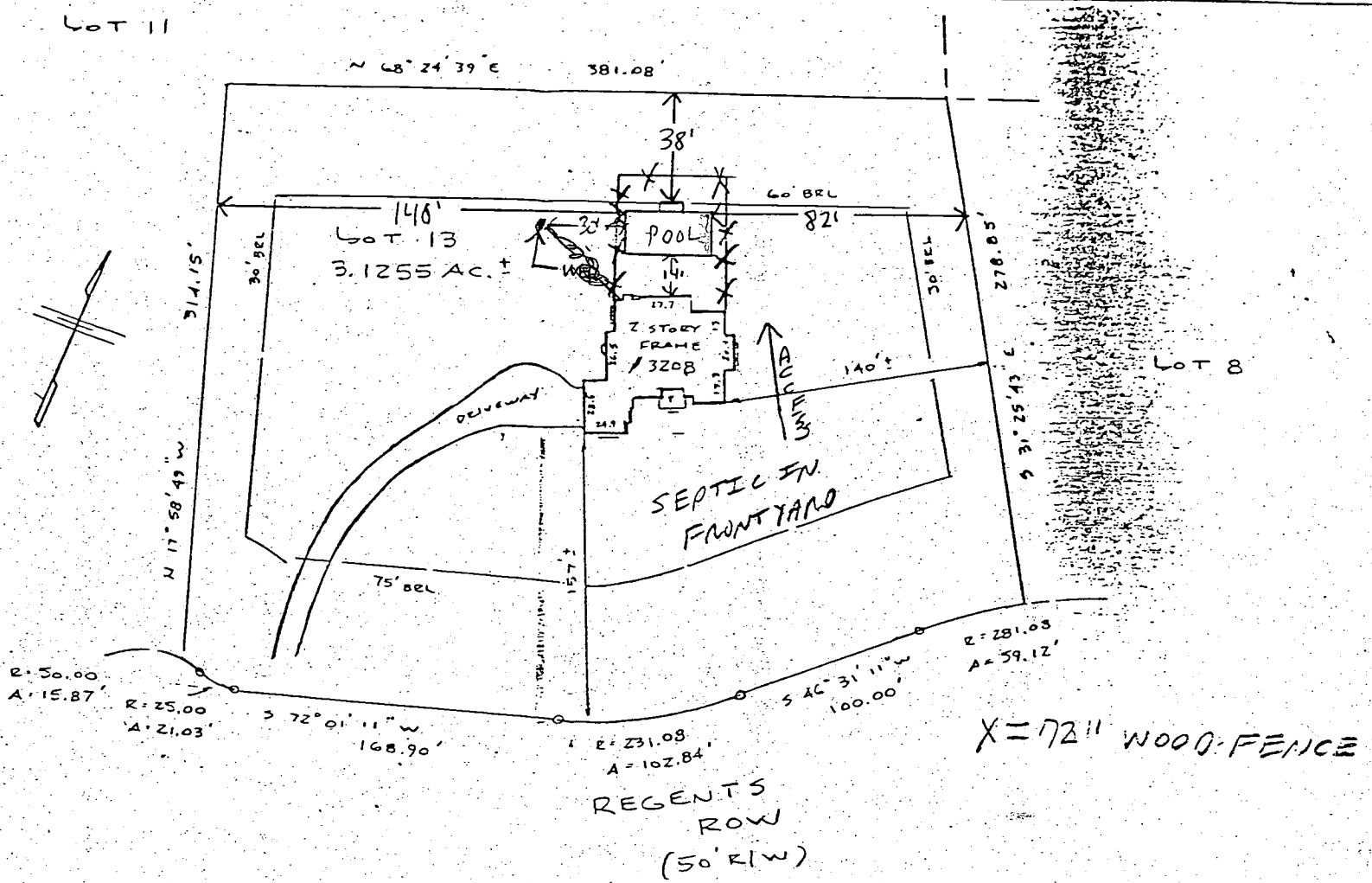


Regent's Row

42892 Pitless adaptor deeper than
42 inches below grade. Pitless adaptor
covered with soil, Well line covered. Ground
line connected. House connection covered,
No pump tank installed, JENadeau

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
92 APR 20 PM 12:11

4-19-96
 Pool location
 OK as shown -
 site inspection made
 All



Subject property is shown in Zone C
 on the National Flood Insurance Program
 Flood Insurance Rate Map of HOWARD
 County, Maryland. Panel# 210245
 Community Panel# 200044-00010
 Effective Date: 06-04-78

This is to certify that I have surveyed the property
 known as Lot 13
 3208 REGENTS ROW
 sheet of recorded plat no. 8529 among the
 Land Records of HOWARD County, Maryland for the
 purpose of locating the improvements thereon.

THIS PLAT SHOWS ONLY THAT THE IMPROVEMENTS ARE
 CONTAINED WITHIN THE OUTLINES OF THE LOT AND IS
 NOT TO BE USED TO ESTABLISH PROPERTY LINES.



I. Carl Hudgins PLS#96

LOCATION SURVEY 3208 REGENTS ROW KINGS GRANT 3rd ELECTION DISTRICT HOWARD COUNTY, MD.	
MTT ASSOCIATES, INC. 16205 Old Frederick Road Mt. Airy, Maryland 21771 Phone 442-2031	Scale 1" = 60' Date FEB. 17, 1994 Field By <u>JL</u> Drawn By <u>JL</u> Drawing # <u>X22267</u>