

3/22/89
11:00
3/23/89 11:00

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

05-404681

INDEXED

P 43457

A 34822

DISTRICT 5th

DATE 1/11/89

DATE SYSTEM APPROVED 3/23/89

INSPECTOR C. C. Cissel

C. C. Cissel

IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Chapel Woods ROAD 11837 Linden Chapel Rd LOT 11, Area 1, Sec. 2

PROPERTY OWNER Robert Holbrook

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

176
850

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the first trench 330 feet down the left (519.01') lot line and 105 feet off the same lot line as seen when facing the lot from Linden Chapel Road. Run trenches on contour toward the right lot line.

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 DATE 10/18/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

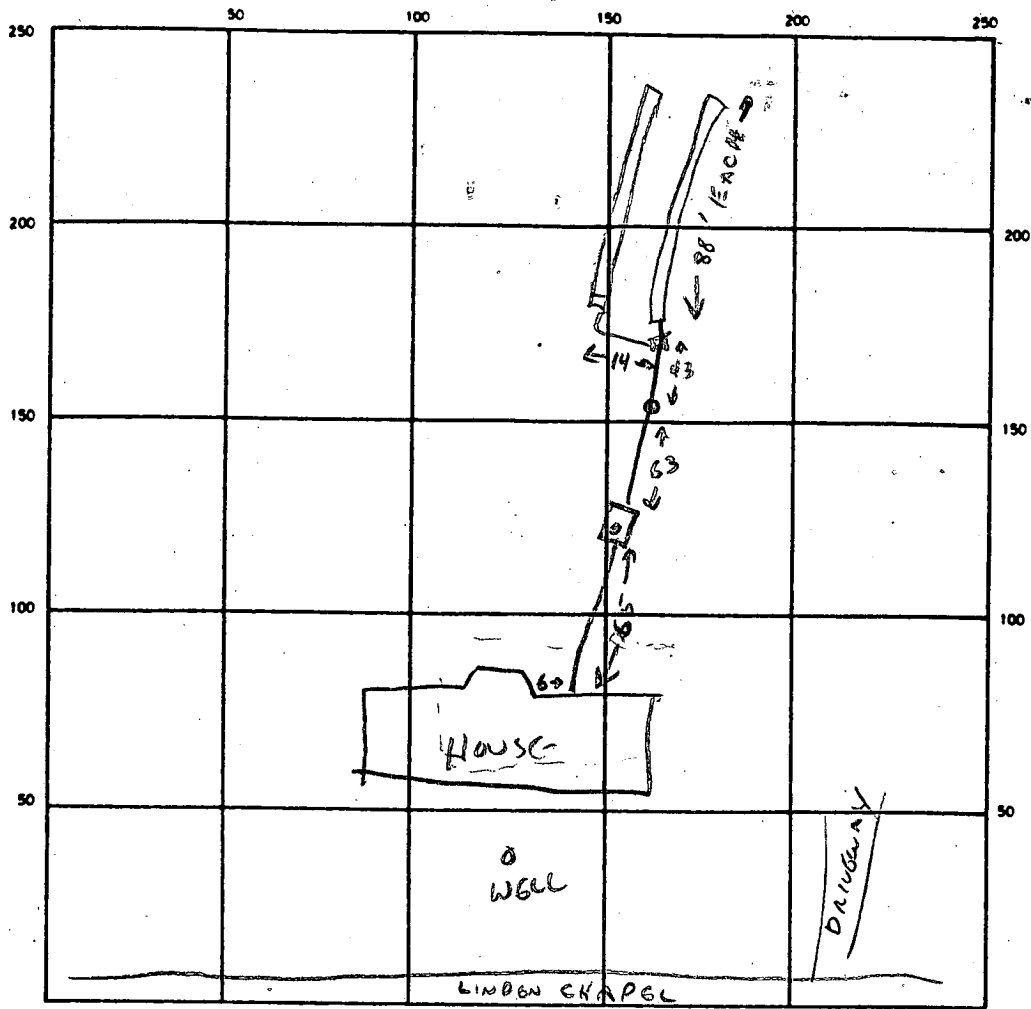
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 34922



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 1500 ✓ CLEANOUTS ST ✓ INLINS ✓

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 176 FT.

NUMBER OF TRENCHES 2 - 88' each ONE SIDEWALL/BOTTOM AREA 880 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/22/89 OK TO ADD GRAVEL TO TRENCHES

3/23/89 OK TO COVER.

DATE SYSTEM APPROVED 3/23/89 INSPECTOR C. Wilton

APPLICATION

34822

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE 465-5000, EXT. 356

DATE 1-8-85

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 Newburn Development Corporation
Suite 201, 5570 Sterrett Place
Columbia, Maryland 21044
ADDRESS 997-3815 596-3877

Robert Holbrook 752-8234
PHONE _____

PROPERTY LOCATION

ON Final LOT 11
AREA 1

SUBDIVISION Chapel Woods, Section 2

LOT NO. ~~11~~ 11

ROAD AND DESCRIPTION 11837 Linden Chapel Rd.

SIZE OF LOT 3-acre

TYPE BLDG. single family residence

NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT James L. Newburn

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-15-85 Reac. OK, Hold for CERTIFIED HOLE PLAT.

HOUSE AND WELL SITE LABEL

BLDG. PERMIT SIGNED
AND RETURNED 10/18/88
BP 22011 SHC

THIS IS NOT A PERMIT

① ② ③

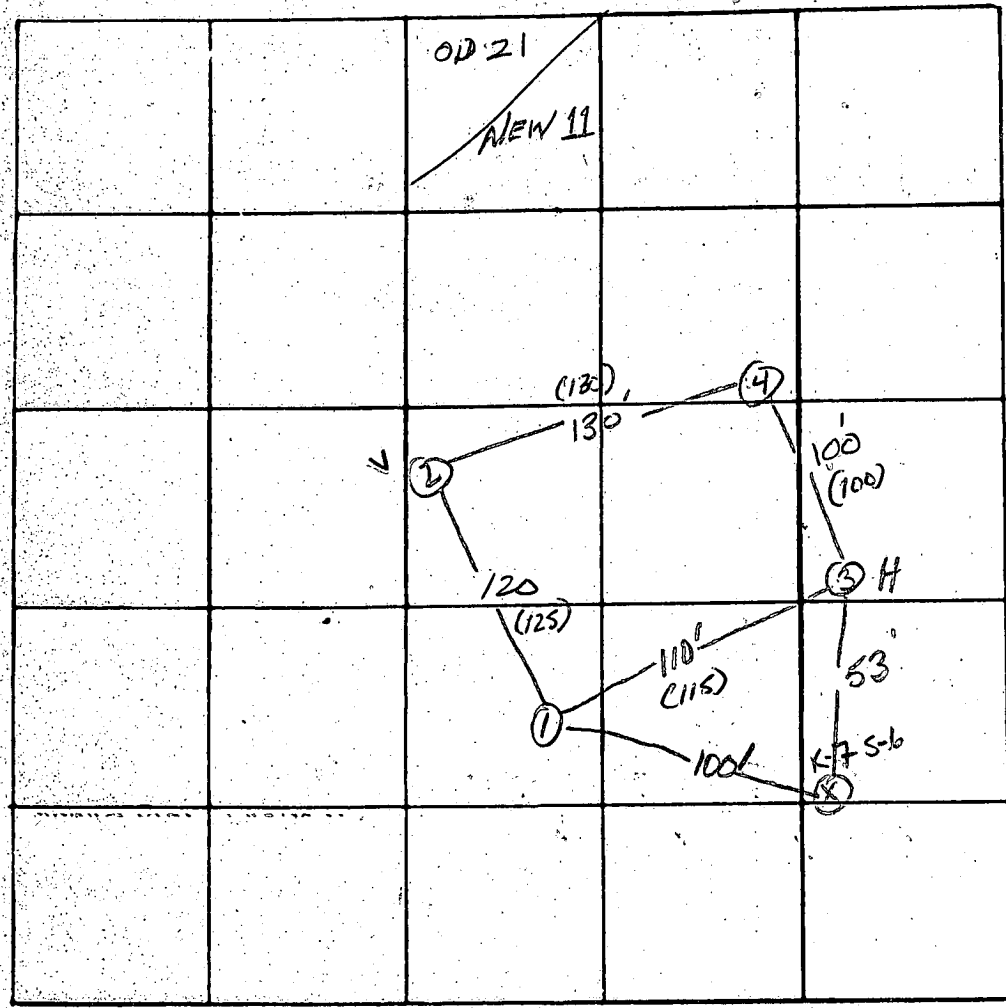
1' A-0-3
ORANGE BROWN
CLAY LOAM 10%
SAPROLITE

3' BROWN
SAND
LOAM
10-20%
SAPROLITE

④

6" A-0-3
BROWN CLAY
LOAM 10%
SAPROLITE

3' B white/
BROWN
SAND SILT
10-20%
SAPROLITE



K-7 S-6
TRAVERSE
BENCH
MARKS

180°/13L
INLET 3'
BOTTOM 8'
S' STONE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

↓ TO RT. 108 ↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/15/85	1S	4'	2:41	2:42	2:42	2:46	4 MIN
	1V	13'	UNIFORM SOIL STRUCTURE Below 4'				
	2S	4'	2:50	2:55	2:55	3:05	10 MIN
	2V	13'	UNIFORM SOIL STRUCTURE Below 4'				
	3S	4'	3:06	3:07	3:07	3:09	2 MIN
	3V	13'	UNIFORM SOIL STRUCTURE Below 4'				
	4S	4'	3:18	3:20	3:20	3:23	3 MIN
	4V	12'	UNIFORM SOIL Below 3'				

REMARKS: _____

TYPE OF SOIL Chestnut / Glenely Filt loam

TESTED BY S. Abel ALSO PRESENT: FRANK, JOHN DEBRA

4/16/89

NO INSP.

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
 Replacement

Receipt # 44085
 Date 4/25/89

Name of Installer ROBERT L. FEZER CO., INC.

Telephone 781-4655

License Number 7172

Certified Well Pump Installer

Well Driller

Registered Plumber

Name of Property Owner CHATELWOOD CONST. CO.

Telephone 531-5409

Subdivision CHATELWOODS

Lot # 11

Well Tag # HO-81-1909

Site Address 11837 LINDER (CHATEL RD)

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
- Make Deming - Griswold
- Model # 3ALN
- Capacity 8 GPM

Motor

- Horsepower 1/2
- RPM 3450
- Voltage
 - 110
 - 220

Pitless Adapter

- Make MERRILL MB-10
- Model # MB-10
- Depth 42" +

- 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

Tank

- CAPTIVE AIR
- Capacity UX-203
 - Pressure relief valve?

Piping

- Type POLY
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42" +

Well data

- Depth 225 ft.
- Yield 4 GPM
- Static water level 40 ft.
- Will water supply be disinfected by installer? YES

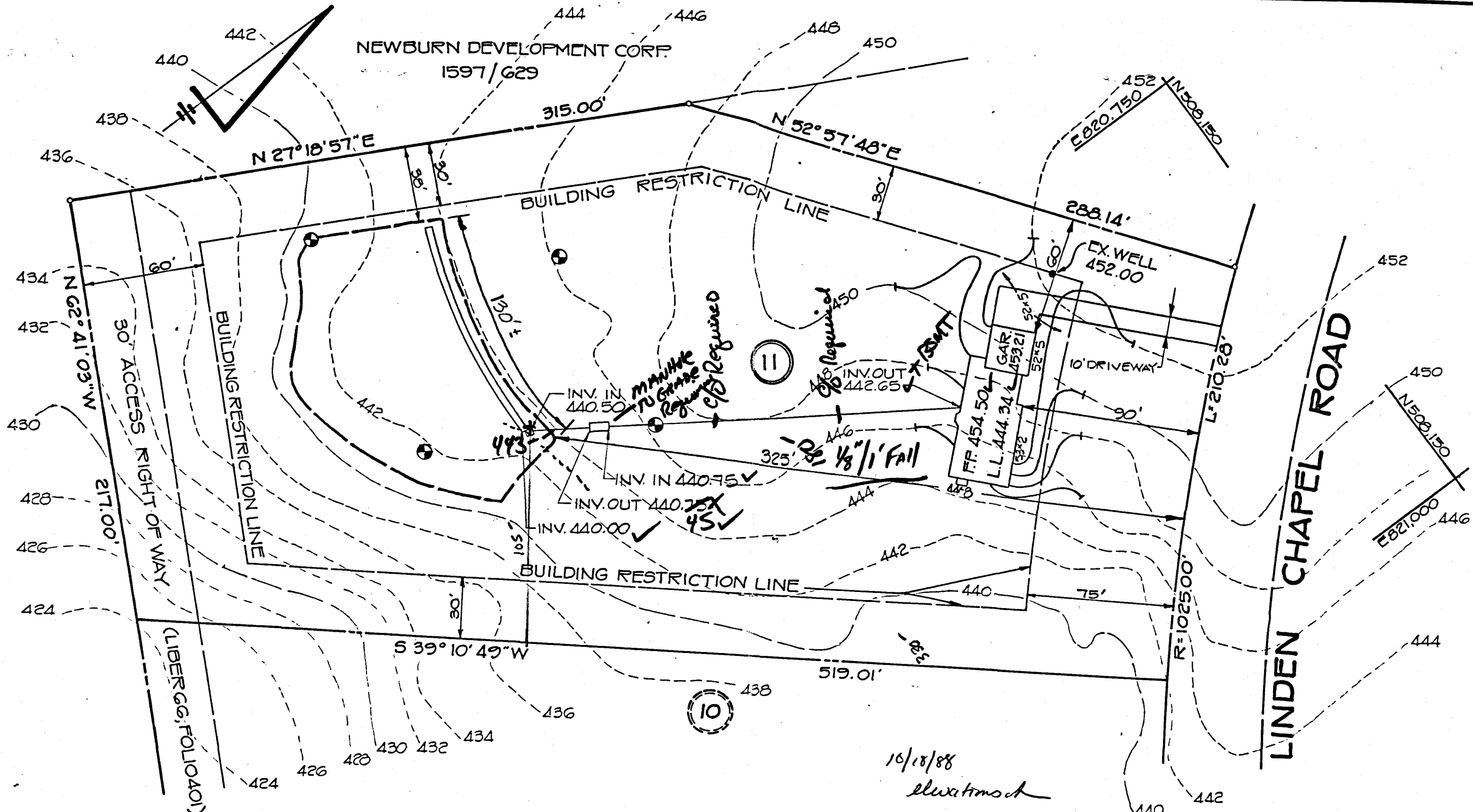
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Robert L. Fezer R.F. Co., Inc.

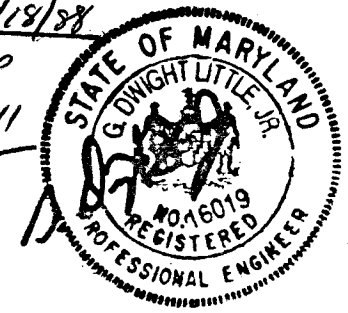
Date: 4/20/89

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



10/18/88
eluxations

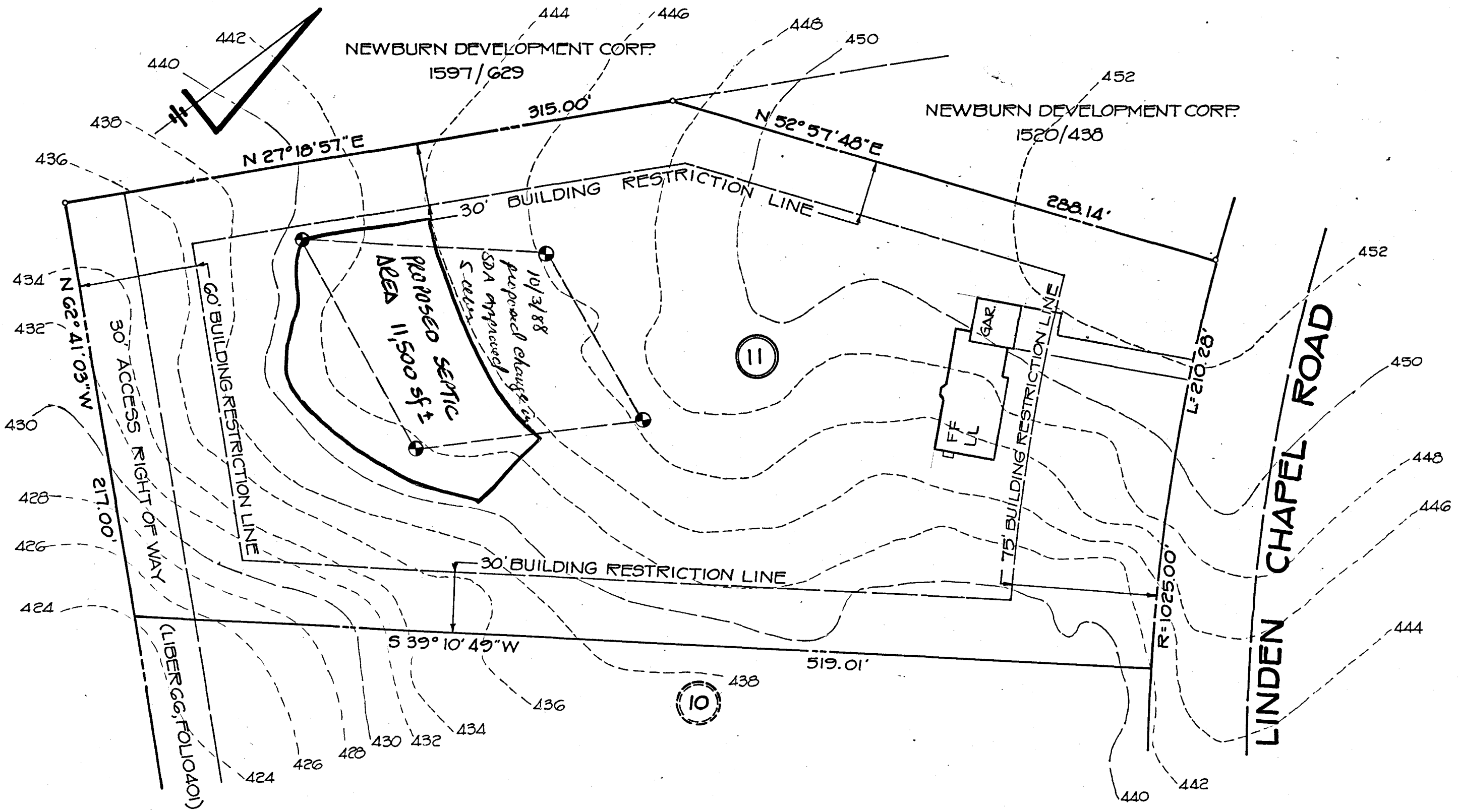
BDDG. PERMIT SIGNED
 AND RETURNED 10/18/88



SITE PLAN OF
CHAPEL WOODS

SECTION 2 AREA 1
 LOT #11
 TAX MAP 29 PARCEL 41
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MD.
 DATE: 9-27-88 SCALE: 1" = 50'

W. DUVALL & ASSOCIATES, INC.
 530 E. JOPPA ROAD
 TOWSON, MARYLAND 21204
 PHONE: (301) 583-9571



W. DUVALL & ASSOCIATES, INC.

530 E. JOPPA ROAD
TOWSON, MARYLAND 21204
PHONE: (301) 583-9571

SITE PLAN OF
CHAPEL WOODS

SECTION 2 AREA 1

LOT #11

TAX MAP 29 PARCEL 41
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.
DATE: 9-27-88 SCALE: 1"=50'

B 1 1599

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

40-87-1909

fill in this form completely

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

Date Received

020387

OWNER INFORMATION

Newburn Development

5570 Sturtevant Place

Columbia MD 21044

B 3

LOCATION OF WELL

HOWARD

CHAPEL WOODS

SECTION 77 LOT 11

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 1/2 MI

DRILLER INFORMATION

Joseph L. Mayne 738

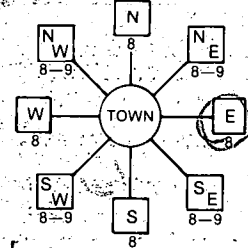
Joseph L. Mayne Well Drilling

5517 Ridge Rd. Mt. Airy 21771

Signature Date 7/1/87

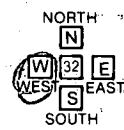
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LINDERS Chapel Woods

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 5 FT

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX) D

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard

A34822

COUNTY NAME

COUNTY NO.

OEP SIGNATURE

STATE HEALTH INSERT S

DATE ISSUED

020787 Co. William 7/1/87

NORTH GRID 508000

EAST GRID 0820000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 8 INCH

METHOD OF DRILLING (circle one)

Bored (or Augered) JETTED Jetted & Driven

AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

CABLE REVERSE-ROTary Drive-POINT

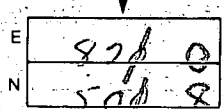
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

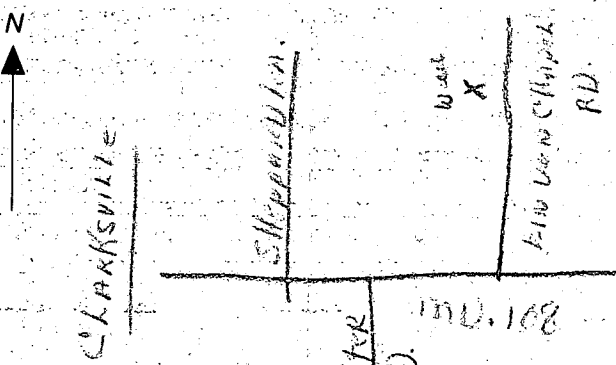
SOURCES OF DRILLING WATER

- 1. Well

WRITE THE BOX NUMBER FROM THE MAP HERE



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



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 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 408787 GAP 0001

FORCE CW WRITE INITIALS IN BOX PERMIT No. 40-87-1909

SPECIAL CONDITIONS TO BE CHANGED TO DRINKING WELLS PENDING SUBDIVISION APPROVAL

3/11/87 location 012' p (site #1)
≈ 85' off

49' casing (15' above)

36 open

9 bags cement

11 bags

(added 2 more on
3/13/87)

TORREY C. BROWN, M.D.
SECRETARY
JOHN R. GRIFFIN
DEPUTY SECRETARY



JAMES W. PECK
DIRECTOR

STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BUILDING
ANNAPOLIS, MARYLAND 21401

MARCH 20, 1987

CERTIFIED MAIL - P 438 400 737
Return Receipt Requested

NEWBURN DEVELOPMENT CORPORATION
5570 - 201 STERRETT PLACE
COLUMBIA MD 21044

RE: State Water Appropriation
Permit No. H087G004
First Permit

Dear Permittee:

Enclosed is your State Water Appropriation Permit. The permittee is responsible for complying with all permit conditions. Accordingly, you are advised to carefully read the Permit and become thoroughly familiar with its requirements. PLEASE NOTE THAT IF THE WATER IS NOT PUT TO USE WITHIN TWO (2) YEARS, THE PERMIT WILL EXPIRE.

If you find the permit unacceptable, you may appeal within 30 days of the date of this transmittal letter. The appeal must be in writing and must specify the basis of the request for review.

If you have any questions, please contact this office at 974-2456.

Sincerely,

Mark W Eisner

MARK W. EISNER
Water Supply Division
S

CC: Howard County Health Department
Kidde Consultants, Inc.

Telephone: _____

C1 3858

SEQUENCE NO. (OEP USE ONLY)

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 34822

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 03/13/87

22 26 205 (TO NEAREST FOOT)

28 37 H0-81-1909

OWNER NEWBURN DEVELOPMENT last name LINDENRADEL RD first name TOWN C CARKSVILLE SUBDIVISION CHADDER WOODS SECTION 2 LOT 11

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 0-44, Gray Granite 44-205, OK.

GROUTING RECORD WELL HAS BEEN GROUTED. (Circle Appropriate Box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

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

MAIN CASING TYPE Nominal diameter, Total depth of main casing

OTHER CASING (if used) diameter, depth (feet)

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

Table for screen depth with columns for depth (nearest ft.) and rows for each casing.

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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

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)

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface)

WHEN PUMPING TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, 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

CAPACITY: GALLONS PER MINUTE. PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE

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)

