

# PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513113

A 49668-G

**INDEXED**

DISTRICT \_\_\_\_\_

DATE 11/9/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 11/30/99

INSPECTOR M. Rifkin

OS-418070

Union Paving Company, Inc. IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 5977 Sandy Ridge Road, Elkridge, MD 21075 PHONE 410-379-6463

SUBDIVISION Fulton Manor LOT 18 ROAD 12378 Pleasant View Drive

PROPERTY OWNER Altieri Homes JOSHUA PARK

**BUILDING PERMIT SIGNED**

ADDRESS \_\_\_\_\_

**AND RETURNED**

SEPTIC TANK CAPACITY 1250 GALLONS 827/04-800149976-FINISH BASEMENT

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180 ✓

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe. (intersection of the 261.32' and the 323.12' lot lines)

LOCATION - Beginning from the left back lot corner, place the distribution box 200 feet down the left lot line and 70 feet off that same lot line as seen when facing the lot from Right-Of-Way. Run trenches on contour toward the right lot line (191.65')

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/4/99-SRK

PLANS APPROVED BY Amy McMillen/Donna K. Soe DATE 9-23-1999

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**

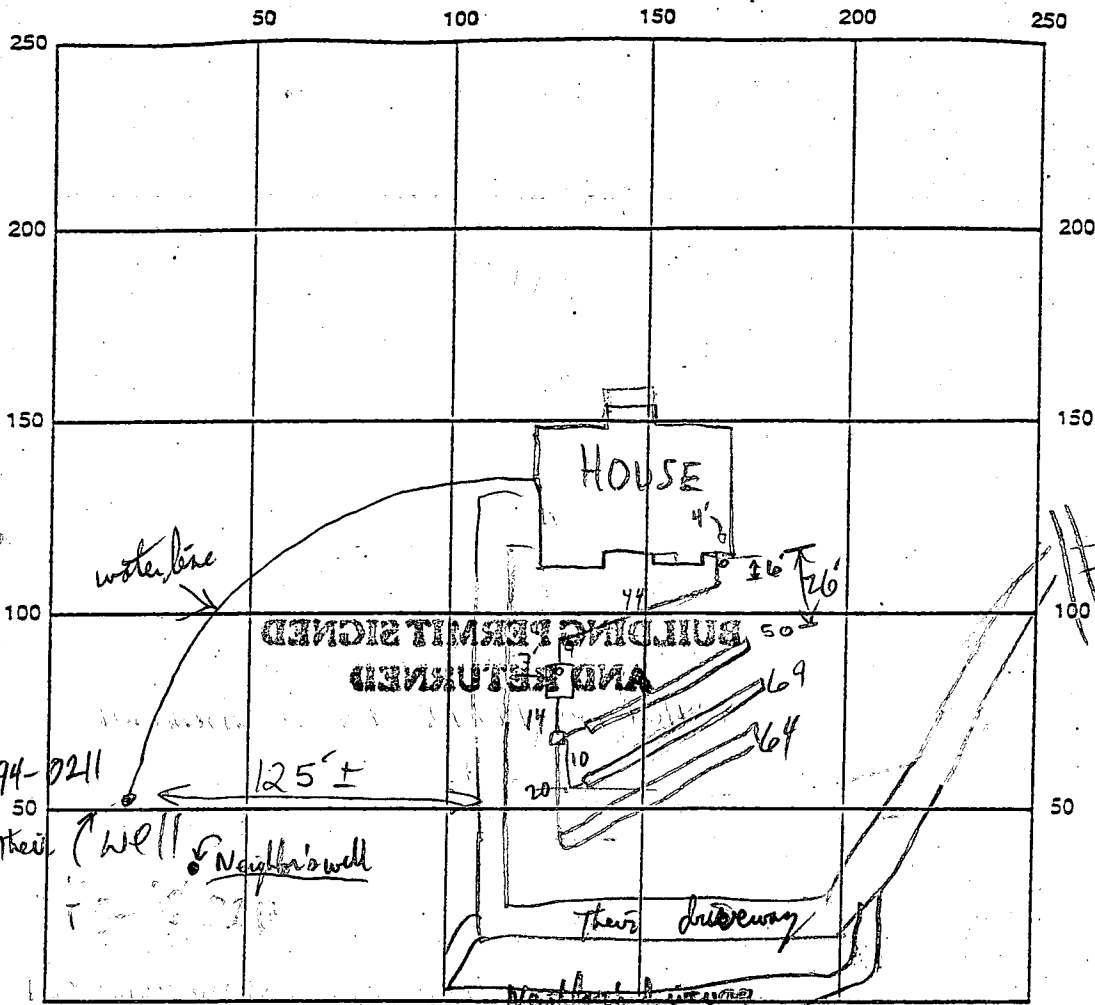
HD-260(6-90)

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

**BLDG. PERMIT SIGNED AND RETURNED 6/20/01**  
800130971-deck

49668-G

Check to Follow  
11/30/99  
after 11/30/99



SEPTIC TANK LEVEL 1250 GAL CLEANOUTS 8" @ S.T. + IMLINE  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.  
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 183 FT.  
 NUMBER OF TRENCHES 3 ~~ONE SIDEWALL~~/BOTTOM AREA 732 SQ. FT.  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA      SQ. FT.

REMARKS: 11/22/99 layout inspection performed JKS  
11/30/99 OK TO COVER ALL (MR)

12/13/99 OK to cover  
 DATE SYSTEM APPROVED 11/30/99 INSPECTOR M. RIFKIN

# APPLICATION

PERCOLATION TESTING

A 49668 G

P \_\_\_\_\_

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

DISTRICT FIFTH

DATE SEPTEMBER 13,

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 OTHA D. OPOCHURCH Altieri ARMES

ADDRESS 457 OLD ORCHARD CIRCLE PHONE \_\_\_\_\_

PROSPECTIVE BUYER SALE AS OWNER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION OPOCHURCH PROPERTY (FULTON MAJOR LOT NO. 18

ROAD AND DESCRIPTION 12276 HALL SHOP ROAD (12378 PLEASANT VIEW DRIVE)

HIGHLAND MARYLAND

TAX MAP 40 PARCEL # 164 & 205

SIZE OF LOT 58,900<sup>±</sup> TYPE BLDG. SINGLE FAMILY DWELLING  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**SEW. PERMIT SIGN**  
AND RETURNED 9-23-99  
Equal & B0120361  
40m

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 \_\_\_\_\_

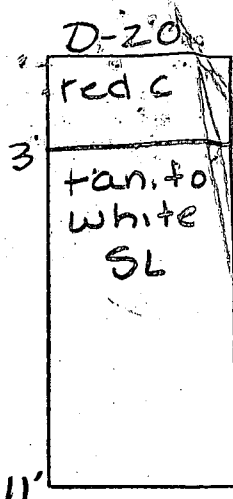
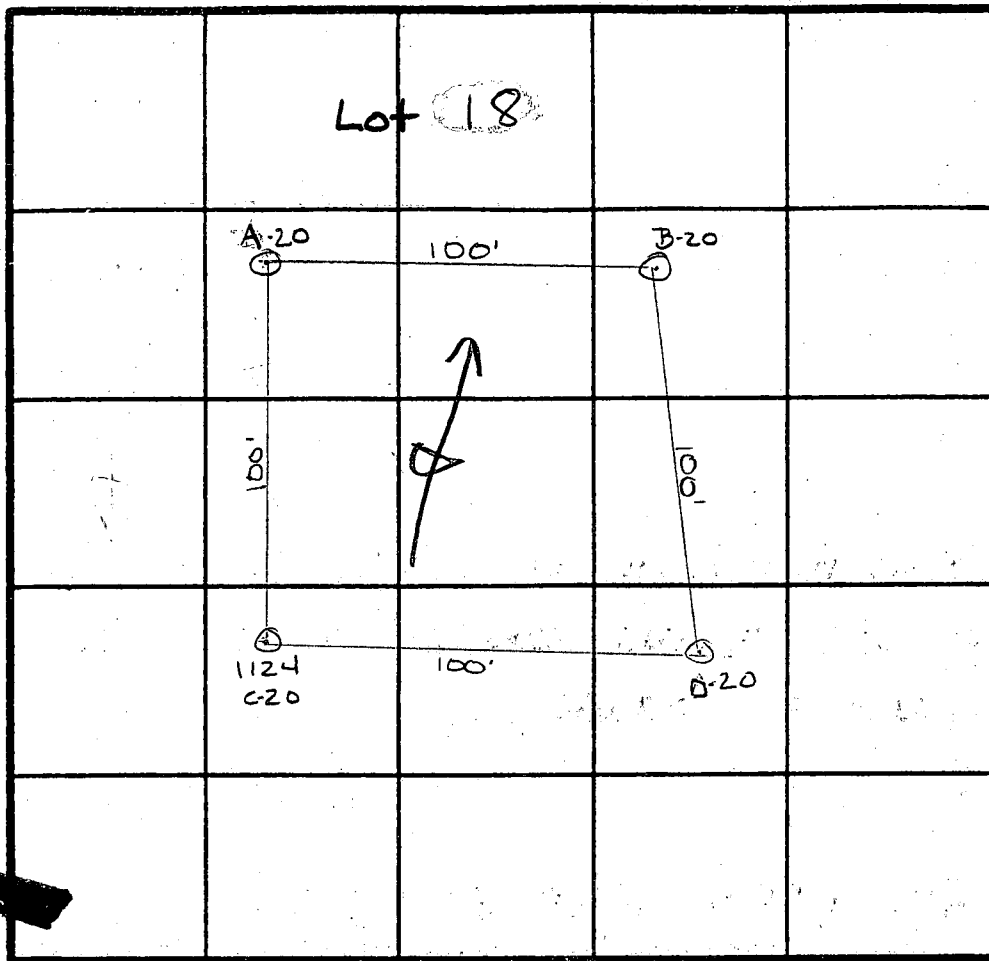
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

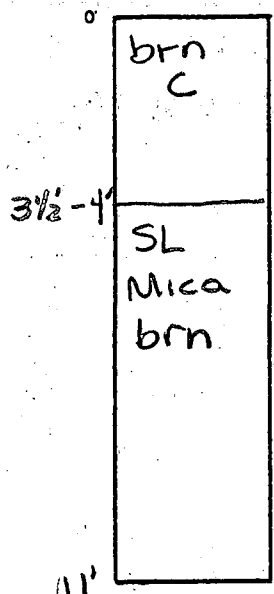
HD-216

# THIS IS NOT A PERMIT

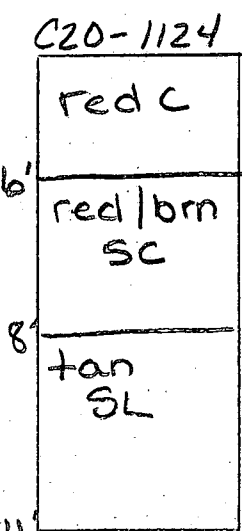
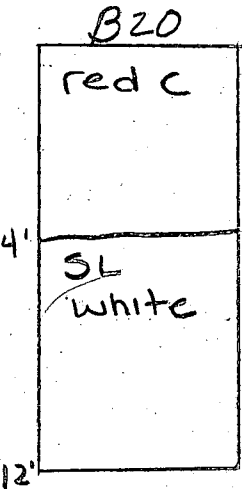
A49668G



A20  
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/22/93	A20	7' / VII'	12:53 <sup>00</sup>	12:53 <sup>15</sup>	12:53 <sup>15</sup>	12:55 <sup>30</sup>	45sec
		4' / VII'	12:53 <sup>15</sup>	12:53 <sup>30</sup>	12:53 <sup>30</sup>	12:54 <sup>30</sup>	1min
	B-20	4' / VII'	12:58 <sup>20</sup>	1:00 <sup>30</sup>	1:00 <sup>30</sup>	1:03 <sup>30</sup>	3min
	C20/1124	6' / VII'	1:06 <sup>45</sup>	1:07 <sup>30</sup>	1:07 <sup>30</sup>	1:09 <sup>30</sup>	2min
	D20	Visual	to 11'				OK

REMARKS \_\_\_\_\_

TYPE OF SOIL Chester - Manor

TESTED BY A. McMillen / Craig Williams ALSO PRESENT DIAN Ketterman

58 ft  
per  
bedroom

trench width 2' inlet depth 3' max bottom depth 7' 180

B 1 **0637** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

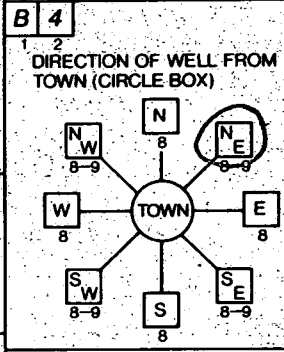
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HO-93-0211**  
 fill in this form completely

Date Received (APA) **092095**  
 OWNER INFORMATION  
**FISHER COLLINS CARTER**  
 Last Name Owner First Name  
**9121 BAY + MATL PIKE**  
 Street or RFD  
**ELLICOTT CITY MD 21043**  
 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** COUNTY  
**UP CHURCH PROP** SUBDIVISION  
 SECTION **F** LOT **18**  
**HIGHWAY** NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION  
**Ralph MAYNE** (CIRCLE: MSD/MGD/MWD)  
 Driller's Name License No. **1117**  
**Ralph MAYNE well drilling** Firm Name  
**9120 Brown Church Rd Mt Airy** Address  
**Ralph Mayne** Signature **9/14/95** Date



**Point Ridge Dr.** NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**280** DISTANCE FROM ROAD  
 ENTER FT OR MI **FT**  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

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)

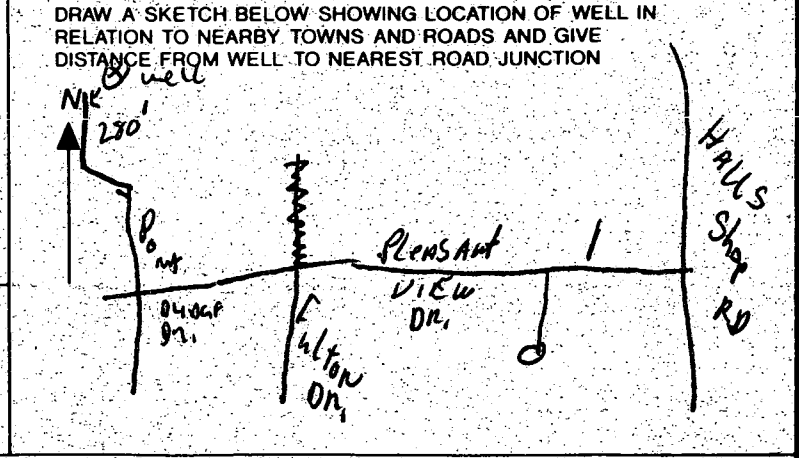
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A 49668 G** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S   
 DATE ISSUED **120995** EXP. DATE **12/5/96**  
 NORTH GRID **490000** EAST GRID **0817000**

APPROXIMATE DEPTH OF WELL **150** FEET  
 APPROXIMATE DIAMETER OF WELL **6"** NEAREST 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  
 N **8187**  
 E **490**  
 000 000

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 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 (MDE OR COUNTY USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_  
 FORCE **GS** WRITE INITIALS IN BOX PERMIT No. **HO-93-0211**

C1 0152

SEQUENCE NO. (MDE 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 COLUMNS 3-6 ON ALL CARDS

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A 49668 G

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER FISHER, COLLINS, CARTER STREET OR RFD POINT RIDGE ROAD TOWN SUBDIVISION FULTON MANOR SECTION LOT 18

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sand Stone, MICKA, SAND STONE, MICKA, SAND STONE, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT, BENTONITE CLAY (BC), NO. OF BAGS (8), NO. OF POUNDS (800), GALLONS OF WATER (54), DEPTH OF GROUT SEAL (0 to 28 ft).

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (PL), Nominal diameter top (main) casing (6 inch), Total depth of main casing (32 foot).

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below (ST, BR, HO, PL, OT), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (56, 60).

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y, N)

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...

TYPE: MWD/MSD/MGD 116, DRILLERS LIC. NO. [Signature]

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO. 117 [Signature]

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

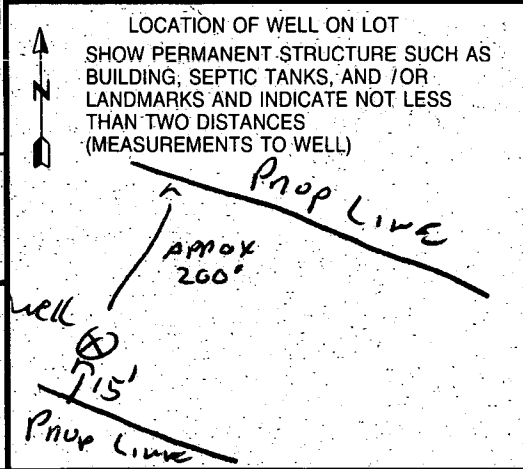
DEPTH (nearest ft.) table with columns 1-36, values: HO 30, 365

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

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

PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (2), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (35 ft before, 280 ft when), TYPE OF PUMP USED (S) submersible

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (+ above, - below), LAND SURFACE (2 foot)



12/13/99

WPT *[Signature]*

HOWARD COUNTY HEALTH DEPARTMENT  
 Bureau of Environmental Health  
 3825-N Ellicott Mills Drive  
 Ellicott City, MD 21043  
 410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

How Installation X  
 Replacement

Receipt # \_\_\_\_\_  
 Date \_\_\_\_\_

Name of Installer Carroll Water System Inc

Telephone 410-876-5100

License Number PEI 074

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

Name of Property Owner Alkivi Thomas

Telephone \_\_\_\_\_

Subdivision Fulton Annex Lot # 18

Well Tag # HO-99-0211

Site Address Planet Walk

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible X
- Make Goulds
- Model # SSB07422
- Capacity 2 GPM
- Pump exceeds well capacity Yes \_\_\_\_\_ No X
- If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No X
- 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 X

Pitless Adapter

- Make Cametwell
- Model # P-10X
- Depth 148

Tank

- Capacity 82
- Pressure relief valve? Yes

Piping

- Type Plastic
- Size 1"
- NSF and/or BOCA Code approved Yes
- Depth of supply line 4'

Well data

- Depth 27400 ft.
- Yield \_\_\_\_\_ GPM
- Static water level \_\_\_\_\_ ft.
- Will water supply be disinfected by installer? NO

WPT - pitless adapter OK @ 3 1/2 ft  
 splice cap + PVC conduit pipe OK to cover  
 12/13/99

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

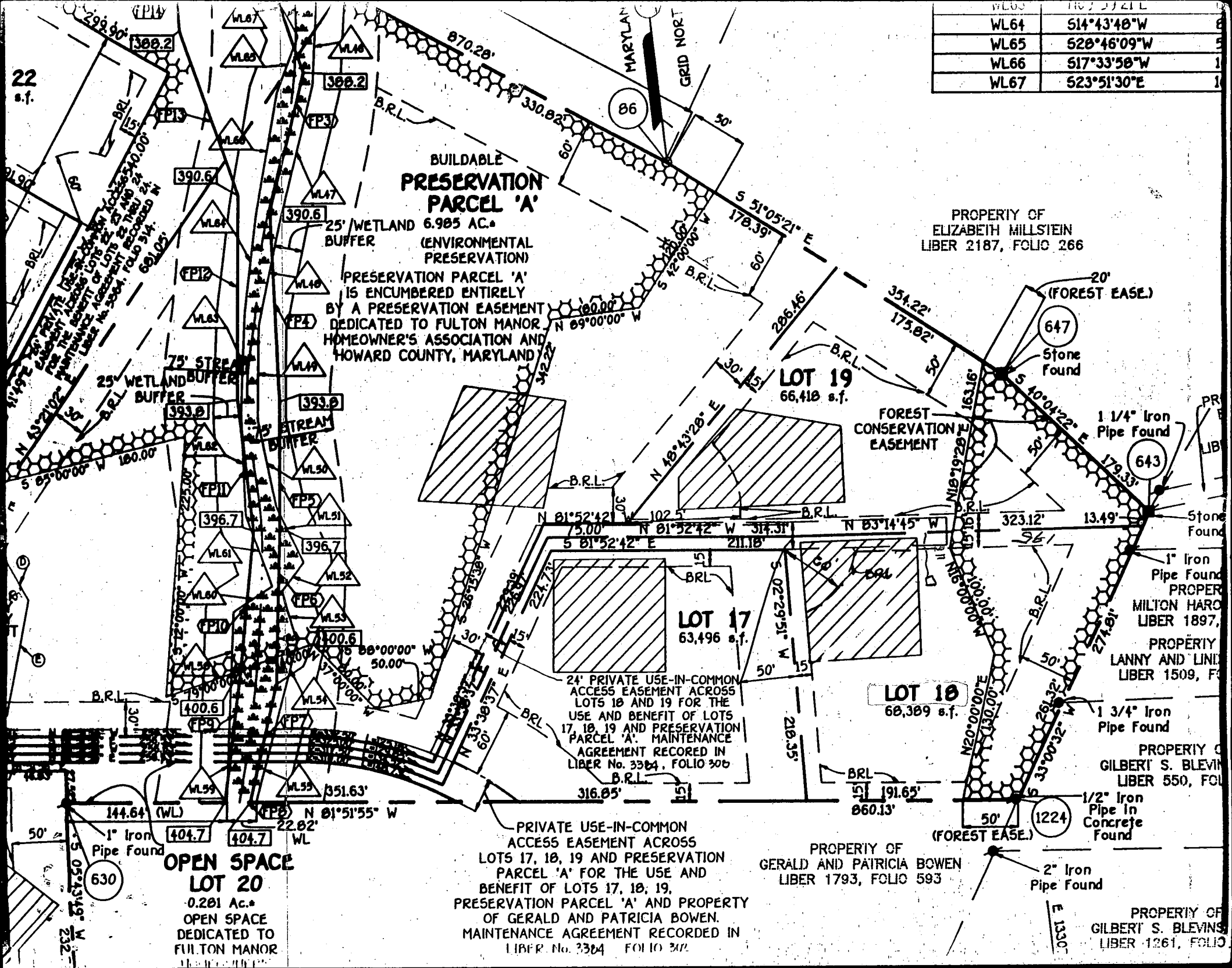
Signature of Applicant: *[Signature]*

Date: 12/13/99

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



WL64	514°43'48"W	8
WL65	528°46'09"W	5
WL66	517°33'58"W	1
WL67	523°51'30"E	1



**BUILDABLE  
PRESERVATION  
PARCEL 'A'**

25' WETLAND 6.985 AC.  
BUFFER  
(ENVIRONMENTAL  
PRESERVATION)  
PRESERVATION PARCEL 'A'  
IS ENCUMBERED ENTIRELY  
BY A PRESERVATION EASEMENT  
DEDICATED TO FULTON MANOR  
HOMEOWNER'S ASSOCIATION AND  
HOWARD COUNTY, MARYLAND

PROPERTY OF  
ELIZABETH MILLSTEIN  
LIBER 2187, FOLIO 266

**LOT 19**  
66,418 s.f.

**LOT 17**  
63,496 s.f.

**LOT 18**  
68,389 s.f.

**OPEN SPACE  
LOT 20**

0.201 Ac.  
OPEN SPACE  
DEDICATED TO  
FULTON MANOR

PRIVATE USE-IN-COMMON  
ACCESS EASEMENT ACROSS  
LOTS 18, 19 AND PRESERVATION  
PARCEL 'A' FOR THE USE AND  
BENEFIT OF LOTS 17, 18, 19,  
PRESERVATION PARCEL 'A' AND PROPERTY  
OF GERALD AND PATRICIA BOWEN.  
MAINTENANCE AGREEMENT RECORDED IN  
LIBER No. 3384 FOLIO 302

PROPERTY OF  
GERALD AND PATRICIA BOWEN  
LIBER 1793, FOLIO 593

PROPERTY OF  
GILBERT S. BLEVIN  
LIBER 550, FOLIO

PROPERTY OF  
GILBERT S. BLEVINS  
LIBER 1261, FOLIO

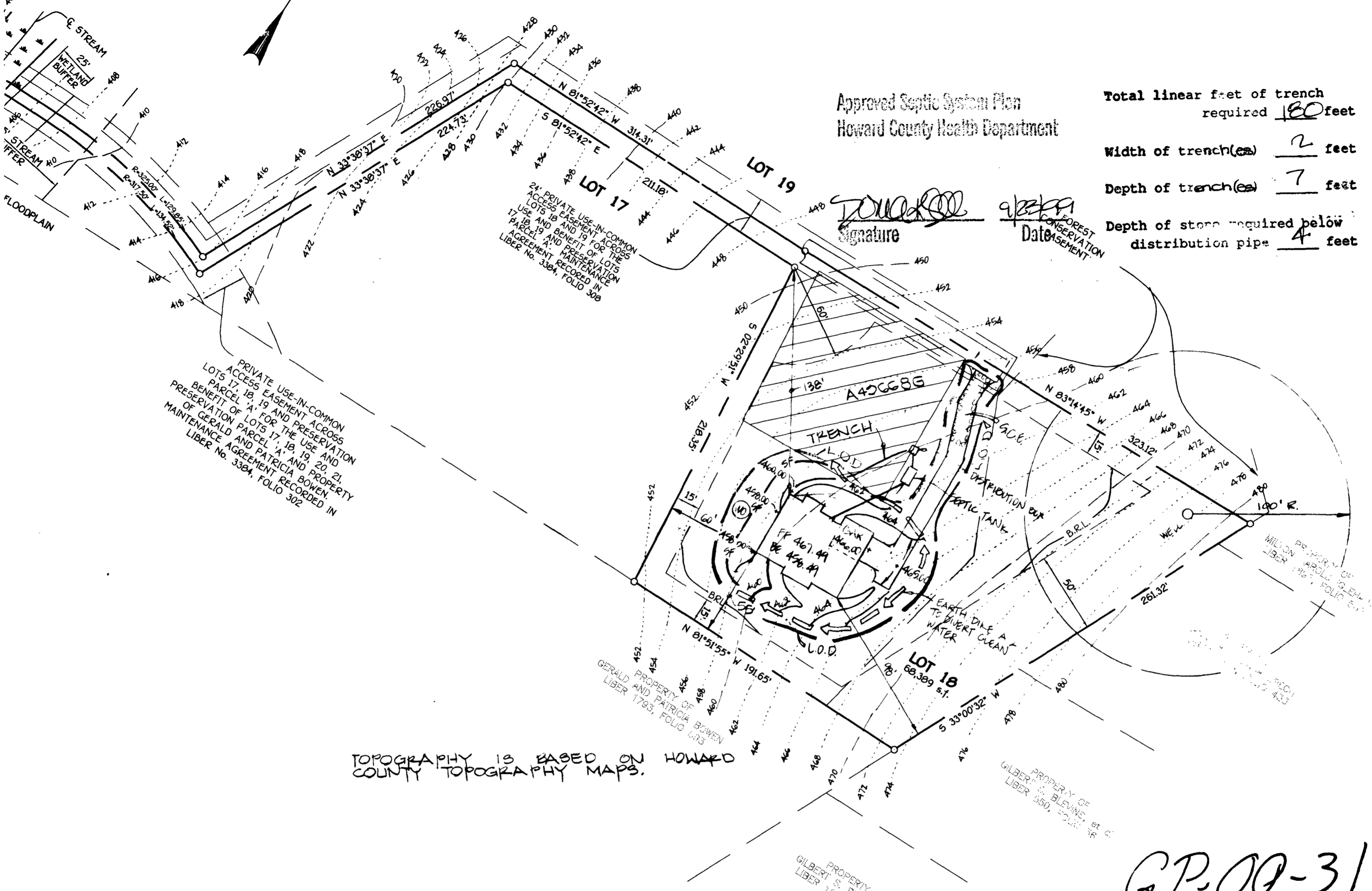
22  
s.f.

E 1330'

Approved Septic System Plan  
Howard County Health Department

Total linear feet of trench required 180 feet  
 Width of trench (ea) 2 feet  
 Depth of trench (ea) 7 feet  
 Depth of stone required below distribution pipe 4 feet

*[Signature]*  
 Signature  
 9/23/99  
 Date



PRIVATE USE-IN-COMMON ACCESS EASEMENT ACROSS PARCEL 'A' FOR THE USE AND PRESERVATION OF LOTS 17, 18, 19, 20, 21, 17, 18, 19 AND PROPERTY OF GERALD AND PATRICIA BOWEN. AGREEMENT RECORDED IN LIBER No. 3384, FOLIO 302

24' PRIVATE USE-IN-COMMON ACCESS EASEMENT ACROSS LOTS 17, 18 AND 19 FOR THE USE AND PRESERVATION OF PARCEL 'A' AND PROPERTY OF GERALD AND PATRICIA BOWEN. AGREEMENT RECORDED IN LIBER No. 3384, FOLIO 308

TOPOGRAPHY IS BASED ON HOWARD COUNTY TOPOGRAPHY MAPS.

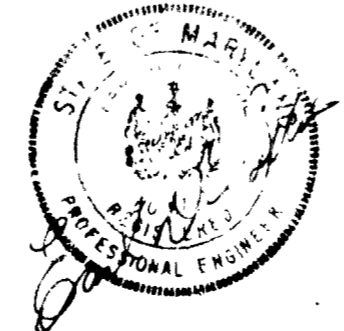
**GP-00-31**

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

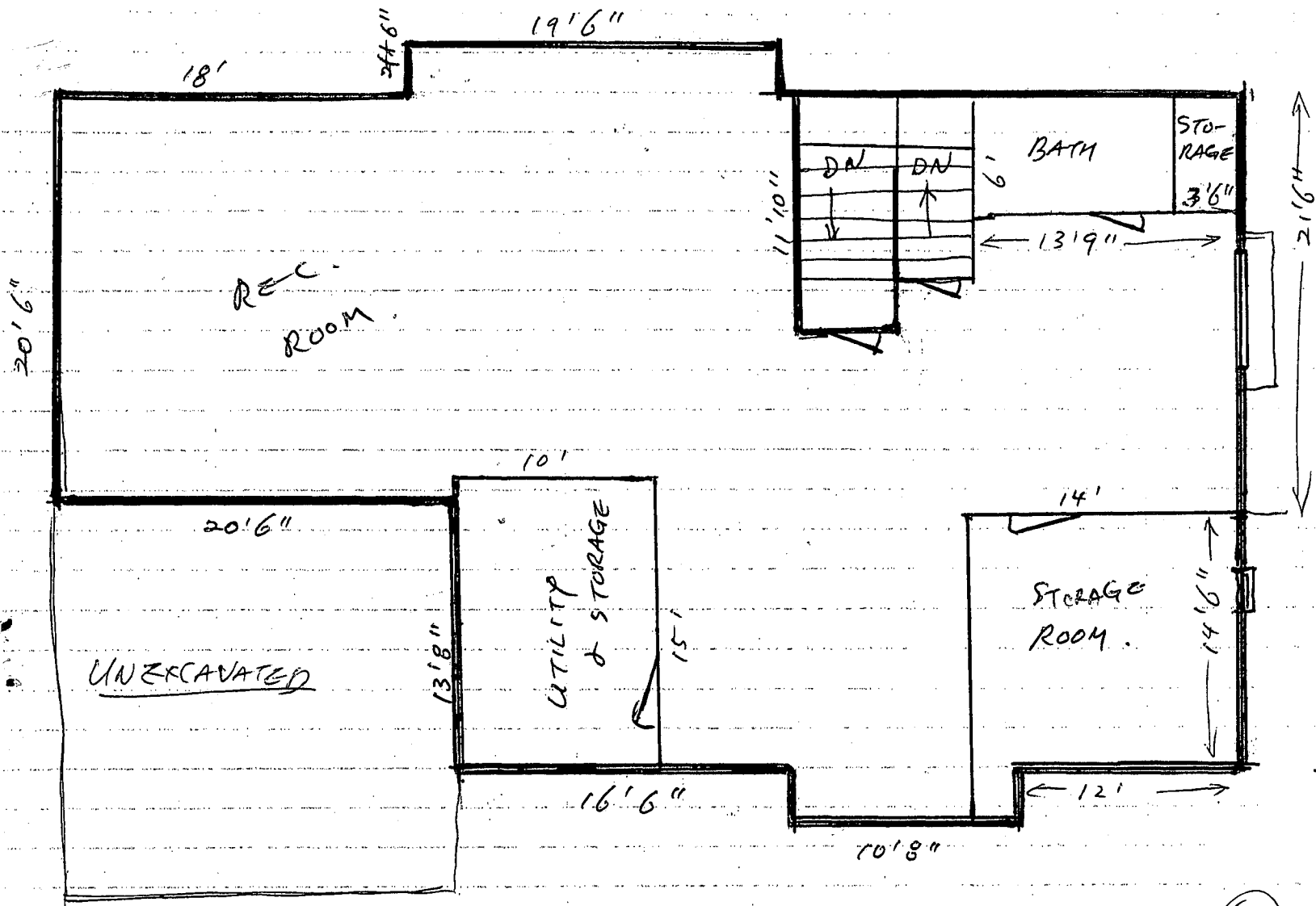
**LOT 18  
 FULTON MANOR**

LOTS 4 thru 42 And Preservation Parcel 'A'  
 ZONED: RR-DEO

TAX MAP No. 40 PART OF PARCEL \*164 AND \*205  
 FIFTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: AUG, 1999







8/24/04  
 BOO149976  
 OK  
 KN

BASEMENT PLAN

JOSHUA PARK  
 12378 PLEASANT VIEW DR.  
 FULTON, MD 20759  
 301-854-9674