

11-27-85
2 PM

04-33940

11-27-85
Approved
S. Hall

PERMIT

P 36209
A 28533

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
~~992-2338~~
461-9933

ELLICOTT CITY
DISTRICT 4th
DATE 11/14/85

INDEXED

Fogle Septic Cleaning IS PERMITTED TO INSTALL X ALTER

ADDRESS 6430 Woodbine, Road, Woodbine, Maryland 21797 PHONE 795-5670

SUBDIVISION River Plantations ROAD 445 Morgan Station Road OT 1

PROPERTY OWNER John & Robin Mihm (489-7704 Home)

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 3 feet below original grade. 1½ feet of stone below distribution pipe. LOCATION: Place distribution box 200 feet from the front lot line and 220 feet from the right lot line as seen when facing the property from Morgan Station Road. Run trenches along contour from both sides of box. NOTE: No trench to exceed 100 feet in length. Call for inspection of trench(s) before gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK/cw

PLANS APPROVED BY C. Williams DATE 11/15/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

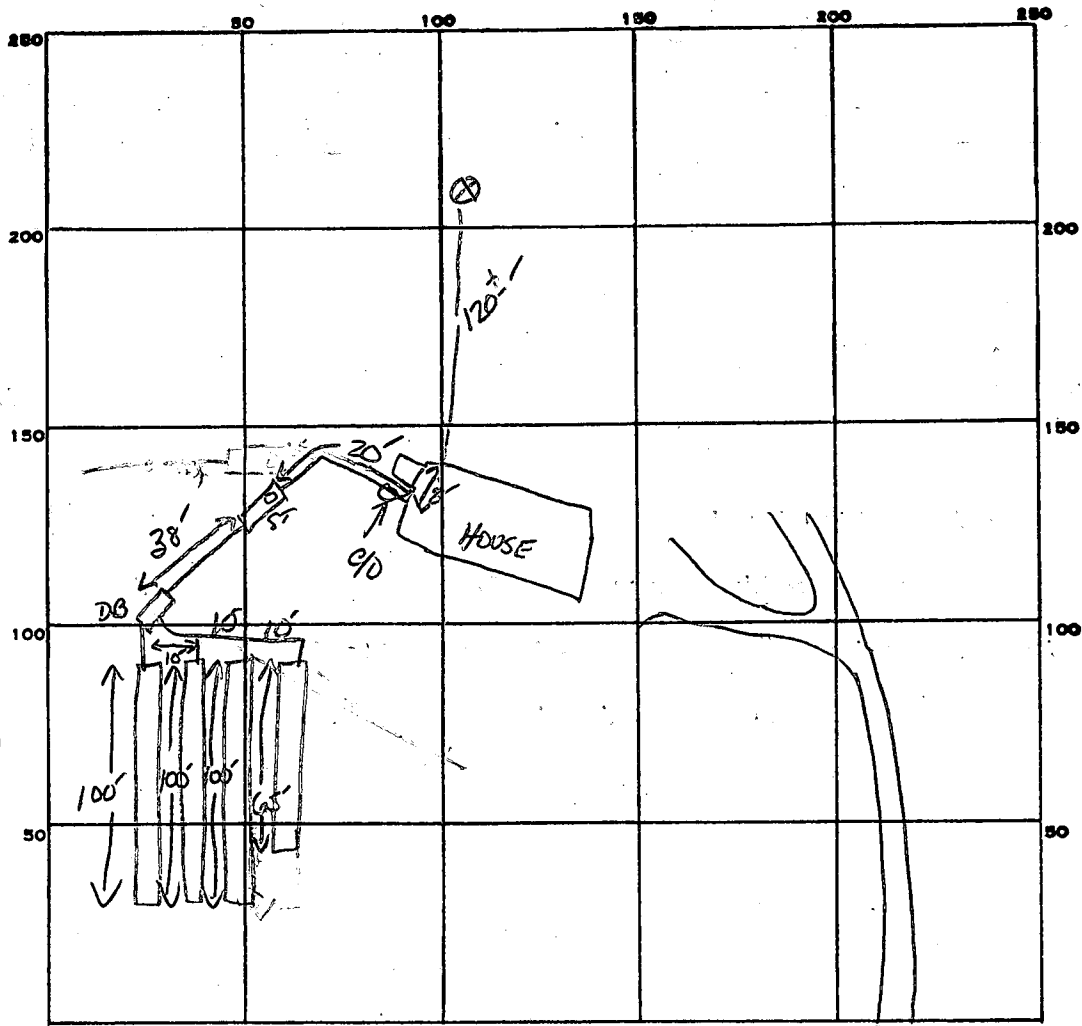
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA. OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A
28533



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

MORGAN STATION Rd.

2
170
3
5400

PERMIT CARD

SEPTIC TANK, LEVEL 1000 GAL

CLEANOUTS C/O AND AT HOUSE

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 4.5' FT. TRENCH WIDTH 3 FT. INLET 3'

GRAVEL DEPTH 18 IN. TOTAL LENGTH 100 100 100 65 FT. TOTAL 365

NUMBER OF TRENCHES 4 TOTAL BOTTOM AREA 1095 SQ. FT.

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1095 SQ. FT.

REMARKS OK TO COVER. SA

DATE SYSTEM APPROVED 11-27-85

INSPECTOR S. Abel

APPLICATION

A 28533

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Septic Tank { *1-3 Bedrooms* } *1000 gallons*
DISTRICT *4th*
4 Bedrooms } *1250 gallons*
DATE *12/7/78*

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 Eastern Contracting Service, Inc. JOHN MIHM

ADDRESS 22022 New Hampshire Ave., Brookeville, Md, 20729 PHONE 774-9081 or 774-6776

PROPERTY LOCATION:

SUBDIVISION River Plantations LOT NO. 1

445
ROAD AND DESCRIPTION Morgan Station Road

Turn in driveway (right) at no. 465

SIZE OF LOT 3.364 acres m/1 TYPE BLDG. 3 or 4 bedrooms
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 /s/ Phil Freitag Trench only

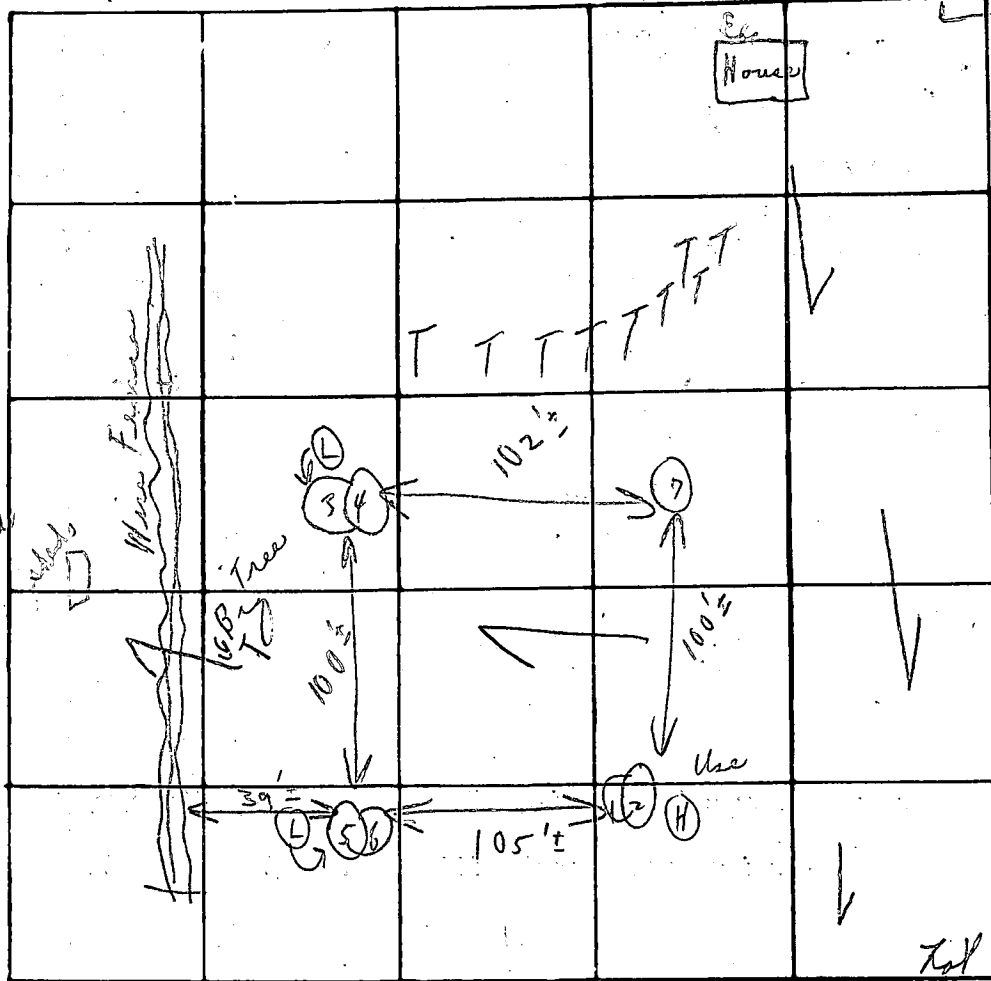
APPROVED BY Howard County { F.F. } FOR shallow system DATE 2/16/79
Health Dept { C.B.D. }
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for cert. fuel holes shallow
trenches recommended (4'-7') F.F. # 64494
C.B.D. #

THIS IS NOT A PERMIT



Field sheet

See plat for location

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Morgan Road

Soil Profile

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|---------|------------------|-------|----------------|-------|------------|
| | | | START | STOP | START | STOP | |
| 8/29/78 | 1 | 4 1/2' | 10:25 | 10:27 | 10:27 | 10:30 | 3m |
| | 2 | 10 1/2' | 10:25 | 10:26 | 10:26 | 10:28 | 2m |
| | 3 | 5' | 10:55 | 11:00 | 11:00 | 11:06 | 6m |
| | 4 | 12' | 10:56 | 10:57 | 10:57 | 10:59 | 1 1/2 - 2m |
| | 5 | 4' | 10:59 | 11:00 | 11:00 | 11:02 | 1 - 2m |
| | 6 | 11 1/2' | 10:43 | 10:53 | 10:53 | 10:59 | 29m |
| | | 8' | 10:35 | 10:37 | 10:37 | 10:44 | 7m |
| | | 11 1/2' | 10:33 | 10:34 | 10:34 | 10:35 | 1m |
| | 7 | [11'] | Similar to (1+2) | | (1+2) | | 8/50 |

125 gpf per inch
7 min. = average

Holes used day of 10:50

Hole taken where engineer had them

REMARKS

Open field fracture

{ Tests conducted }

TYPE OF SOIL

Recommend shallow system (Phil Freitag +

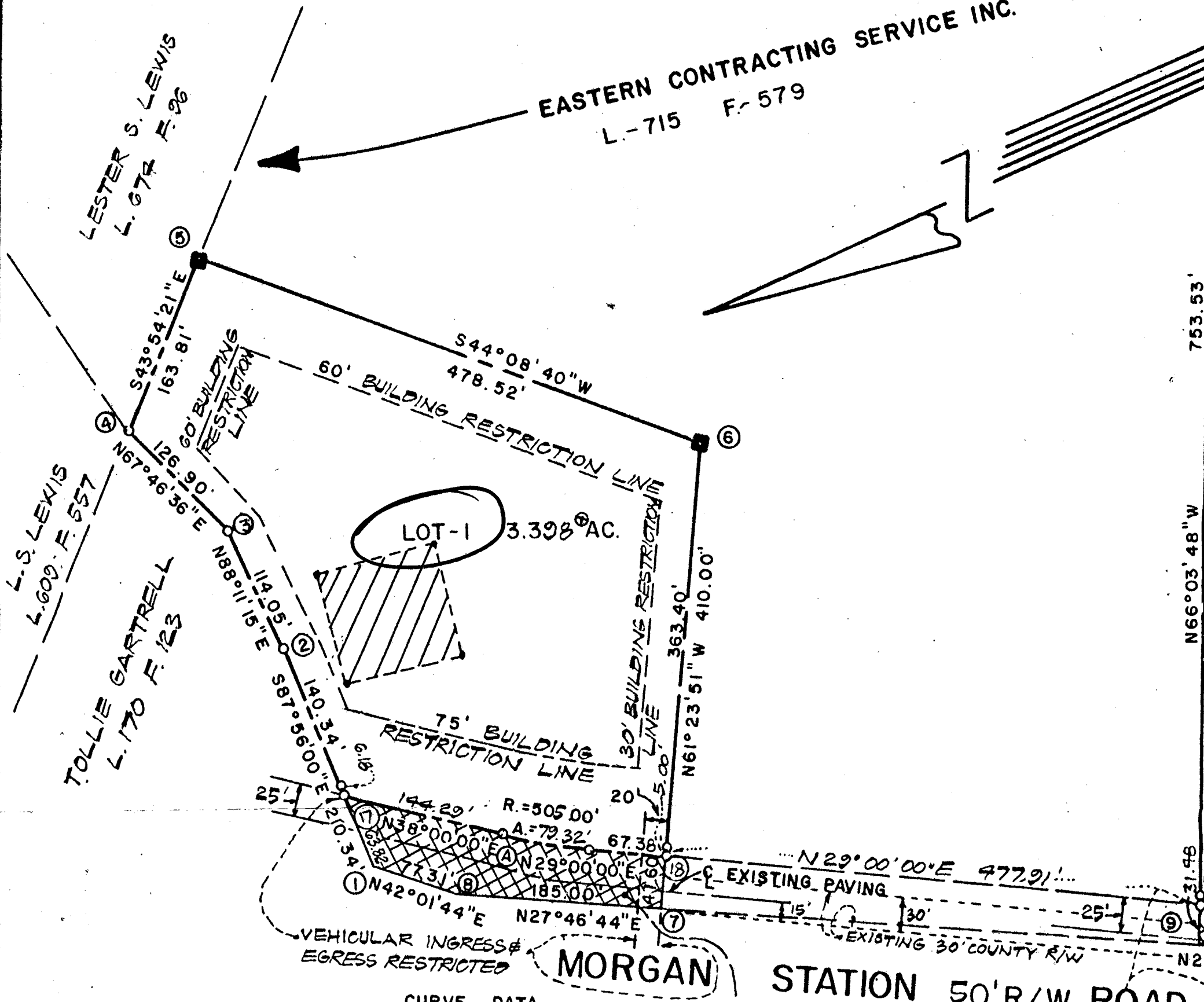
TESTED BY

C. R. D

ALSO PRESENT:

{ Eastern Contracting 2 men }

EASTERN CONTRACTING SERVICE INC.
L.-715 F.-579



OWNERS DEDICATION

WE, EASTERN CONTRACTING SERVICE, INC. OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUB-DIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING & ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINE GRANT UNTO HOWARD CO., MD. ITS SUCCESSORS AND ASSIGNS, (1.) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS & STREET RIGHT OF WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) DEDICATE TO PUBLIC USE THE BEDS OF THE STREETS, OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR ONE DOLLAR (\$1.00) CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREET OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE; (3) NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT OF WAYS; (4) IT IS FURTHER AGREED THAT MAINTENANCE OF ALL STORM DRAINS, DRAINAGE EASEMENTS OR FLOODPLAINS SHOWN HEREON ARE THE RESPONSIBILITY OF THE PROPERTY OWNER ITS SUCCESSORS AND ASSIGNS. WITNESS OUR HANDS THIS 4 DAY OF August, 1975

William J. Verts
WITNESS TO ALL SIGNATURES

Eastern Contracting Service Inc.
Phil J. ...

TOTAL NO. OF LOTS ——— 3
TOTAL AREA OF LOTS ——— 10.086 AC.
TOTAL AREA OF ROADWAY ——— 0.275 AC.
TOTAL AREA OF SUBDIVISION ——— 10.361 AC.

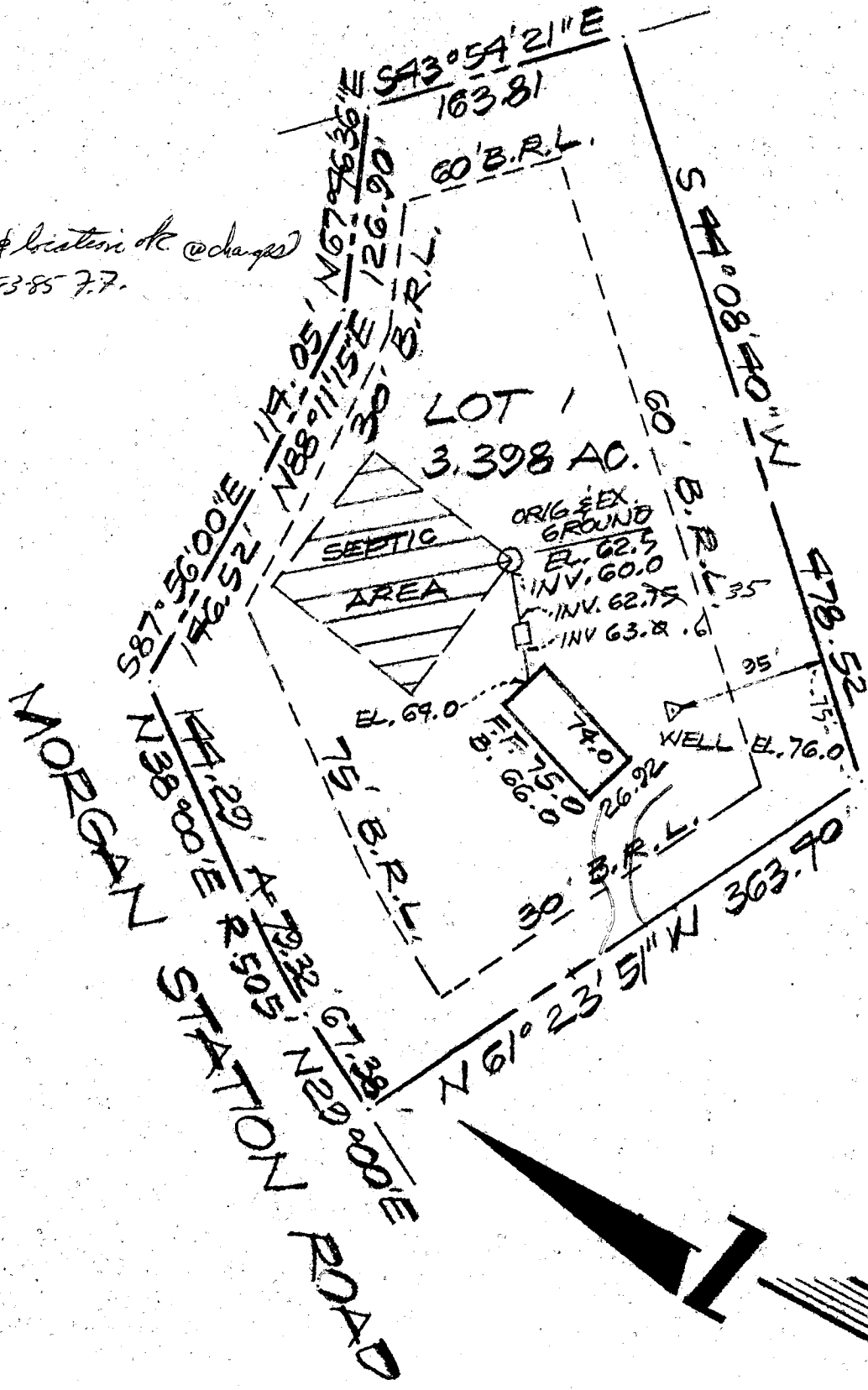
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
2-2-79 *Thomas A. ...*
DATE DIRECTOR

APPROVED: FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
1-24-79 *Joseph ...*
DATE COUNTY HEALTH OFFICER

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD CO. DEPT. PUBLIC WORKS
1-26-79 *Gene F. ...*

**PLOT PLAN
LOT 1
RIVER PLANTATION
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND**

*Septic elev's & location etc @ changed
5385 7.7.*



SURVEYOR'S CERTIFICATE

I hereby certify that the position of all existing improvements on the above described property have been carefully established by a transit-tape survey and that unless otherwise shown, there are no encroachments.

WILLIAM L. WIRTS - Registered Land Surveyor - Maryland No. 10721

Tri-County Surveys, Inc.

BOX 55 • DAMASCUS, MARYLAND 20872 (301) 253-3591
LAND PLANNING CONSULTANTS • SUBDIVISIONS • LOTS & BOUNDARIES

| | | |
|-------------------|---------------|------------|
| REFERENCE | Drawn by WLW | Checked by |
| Plat Book Plat No | Date 4-2-85 | Record No |
| 4214 | Scale 1"=100' | 76-273 |

NOTE: This drawing is not intended or represented to be a lot stake out survey; no lot corners were set; and is not to be used, or relied upon, for the establishment of any fence, building or other improvements. No responsibility is extended herein to future purchasers.

C 1 9549 SEQUENCE NO. (OEP 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 28533

DATE Received

DATE WELL COMPLETED 031585

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0895

OWNER MIHM, JOHN last name MORGAN first name STATION RD TOWN LISBON SUBDIVISION RIVER PLANTATIONS SECTION LOT 1

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, Clay, Shale, Brown slate, blue slate, brown slate, blue slate, Flint, blue slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 11 NO. OF POUNDS 1100 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 93 ft.

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

MAIN CASING Nominal diameter top (main) casing of main casing TYPE (nearest inch) (nearest foot) ST 6 63

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.) 110 61 160

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 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. 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 5 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 07 WHEN PUMPING 90 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)

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) Well 65' Right lot line Morgan Station RD.

B 1 **7806** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

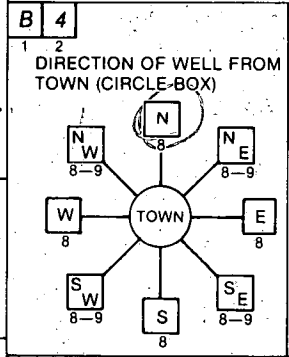
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
40-81-0895
 fill in this form completely

Date Received: **3/15/85 9:30 A.M.**
072883
 OWNER INFORMATION
MINIM JOHN
 Last Name Owner First Name
PO BOX 87
 Street or RFD
WENWOOD **MD 21738**
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
RIVER PLANTATIONS SUBDIVISION
 SECTION **1** LOT **1**
LIBERTON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION
L. DANIEL EASTERDAY Driller's Name License No. **NI**
FRANKLIN EASTERDAY, INC. Firm Name
9265 Brown Chapel Rd. Mt. Airy, Md. 2071 Address
L. Daniel Easterday 3/23/85 Signature Date



Morgan Station Rd. NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH [] WEST [] EAST [] SOUTH []
 DISTANCE FROM ROAD **300** FT or MI

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 **A28533** COUNTY NO.
 OEP SIGNATURE _____ STATE HEALTH INSERT S
 DATE ISSUED **021985** CO SIGNATURE **Craig Williams** EXP. DATE _____
 NORTH GRID **555000** EAST GRID **0787000**

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

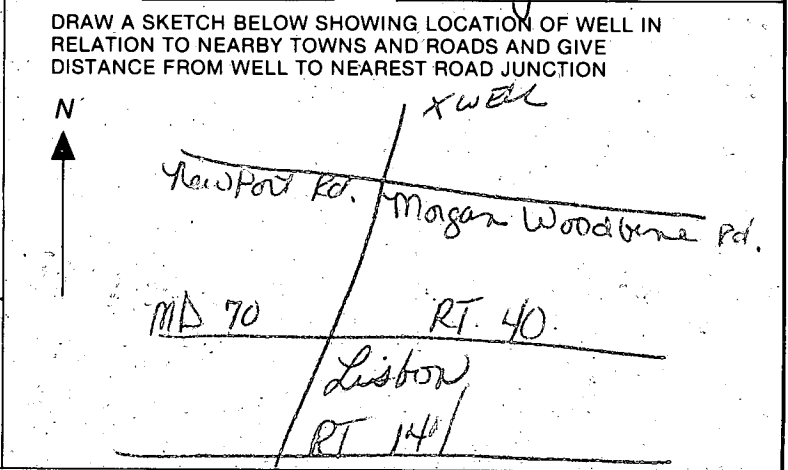
METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTary DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) _____

Not to be filled in by driller. (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **EW** WRITE INITIALS IN BOX PERMIT NO. **40-81-0895**

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

63' casing
43' open
11' bag cement
3-15/85



SPECIAL CONDITIONS

