

7/22/99
in d.c.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512013

A 48769

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE 7/19/99

DATE SYSTEM APPROVED 7/22/99

INSPECTOR S.R.K.

INDEXED

Covey Construction Company, Inc. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS P.O. Box 254, Woodstock, MD 21163 PHONE 410-750-0398

SUBDIVISION West Friendship Estates LOT 98 ROAD 3329 Fox Valley Drive

PROPERTY OWNER Marsico

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 282.40' and 132.21' lot line, begin trenches 135 feet up the 282.40' lot line and 60 feet off that same lot line. Run trenches on contour toward the 282.40' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 3/15/99 DS*

PLANS APPROVED BY Amy McMillen DATE 3-16-1999

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

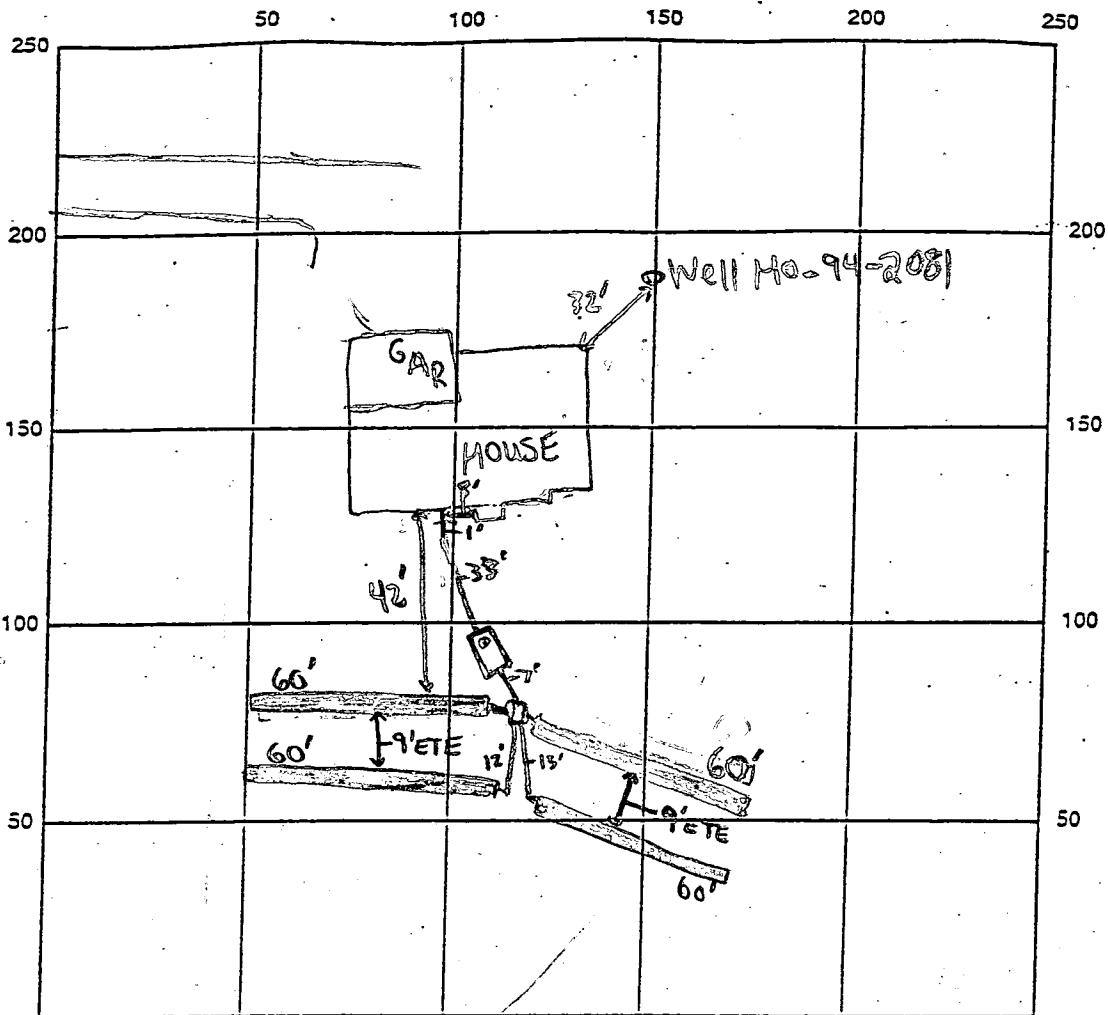
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

48769

FOX LAKE - 94-211



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
PFEFFERKORN ROAD

SEPTIC TANK LEVEL 1250 gallon midspan CLEANOUTS 1-6 @ tank

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 7/22/99 - OK TO CONTINUE WORK AND COVER FROM HOUSE TO TANK - (SRK)

7/22/99 - OK TO COVER ALL WORK - (SRK)

DATE SYSTEM APPROVED 7/22/99 INSPECTOR Steven R. Krieg

APPLICATION

PERCOLATION TESTING

A 48769
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
PO BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT _____

DATE 12/8/92

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 West Friendship New Town Co. MARSICO

ADDRESS c/o Land Design & Development PHONE (410) 740-2100
10805 Hickory Ridge Road, Columbia, MD 21044

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION West Friendship Estates LOT NO 78 95 98

ROAD AND DESCRIPTION Pfefferkorn Road & Route 32 (3329 Fox Valley Drive)

TAX MAP 15 PARCEL # 32 & 42, 533

SIZE OF LOT 1 + acres

BLDG. PERMIT SIGNED
AND RETURNED 3-16-99
Serial # B1076578

TYPE BLDG single family dwelling - 4Bm
(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. Mark S. Reich

(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

LOT 98

LOT 101

COUNTY #

SOIL PROFILE
3005

0' bright red
red
SIL
mica
shale

3.5' 1gt tan
mica
SIL
10%
shale

6.5' greyish
SIL tan
30%
shale
mica

10' 3008
bright
red
SIL
gravelly

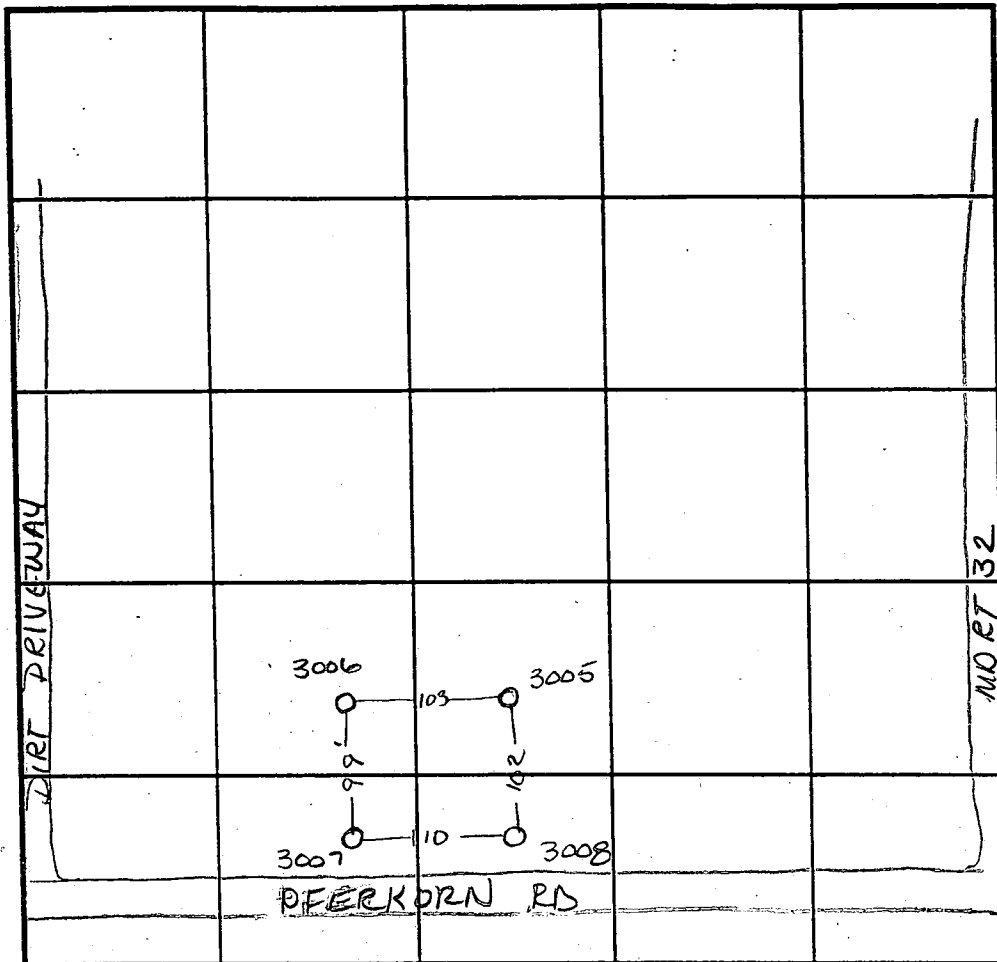
4' 1gt tan
mica
SIL
20%
shale
decayed

10' 3007
red
c

3' yellow
tan
SIL

5' yellow
tan
SIL
mica

10.5' hard > 50% shale
bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
3006

0' red
Clay

3' pink
SSIL
mica
5%
pink
shale

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3-16-95	3005	4' / VID'	1:09	1:09 ⁴⁵	1:09 ⁴⁵	1:11 ³⁰	1 3/4 min
	3005	7' / VID'	1:38 ³⁰	1:40	1:40	1:45	5 min
	3008	5' / VID'	1:13 ³⁰	1:20	1:20	1:24 ¹⁵	4 1/4 min
	3007	4.5' / VII'	1:26	1:28 ³⁰	1:28 ³⁰	1:31	2 1/2 min
	3006	3.5' / VII'	1:33	1:35 ¹⁵	1:35 ¹⁵	1:38	2 3/4 min

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Dan Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

MATCH

FOX Valley Drives

EXISTING 20' WIDE BALTIMORE GAS AND ELECTRIC COMPANY EASEMENT AND RIGHT-OF-WAY LIBER 1834, FOLIO 665

10' PUBLIC TREE MAINTENANCE EASEMENT PRESERVATION PARCEL 'M' IS 6.00 AC. ENCUMBERED BY A PUBLIC STORMWATER MANAGEMENT, DRAINAGE AND UTILITY EASEMENT ENVIRONMENTAL PRESERVATION PARCEL 'M'

1622 AC. PRESERVATION PARCEL 'M' OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

10' PUBLIC TREE MAINTENANCE EASEMENT

ROAD (LOCAL ROAD)

EXISTING ROADWAY CENTERLINE

LOT 95 42,303 Sq.Ft.*

LOT 94 40,048 Sq.Ft.*

LOT 99 61,273 Sq.Ft.*

LOT 96 48,664 Sq.Ft.*

LOT 98 46,116 Sq.Ft.*

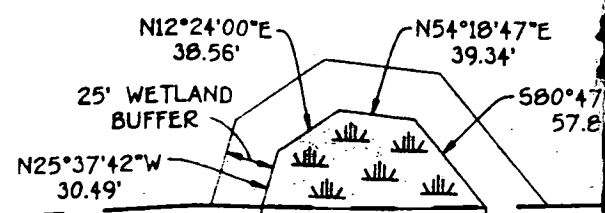
LOT 92 55,399 Sq.Ft.*

LOT 97 50,692 Sq.Ft.*

24' WIDE PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT ACROSS LOTS 99, 100, 101, 102 AND PRESERVATION PARCEL 'L' FOR THE USE AND BENEFIT OF LOTS 99, 100, 101 AND 102. MAINTENANCE AGREEMENT RECORDED IN LIBER ---, FOLIO ---

ENVIRONMENTAL PRESERVATION PARCEL 'L' 6.145 AC.*

PRESERVATION PARCEL 'L' OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION



1" = 100' SCALE

2/5/99 Well site OK as stated AU

VEHICULAR INGRESS AND EGRESS RESTRICTED

MENTS
R
RVATION
E' THRU 'O'.
MENTS
EYING
MENTS
ION OF
S AND
ONS
IT
'S
MENTS
UNTY.

RN

3890

3888

2817

2818

174

145

94

58

N48°19'10"W 25.14'
S87°09'12"W 35.65'
L=154.87'
L=318.35'

993.72'
S46°52'10"W

N12°24'00"E 38.56'
N54°18'47"E 39.34'
N25°37'42"W 30.49'

S80°47' 57.8'

MINIMUM LENGTH FENCE POST.
MINIMUM OF 16" INTO

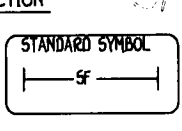
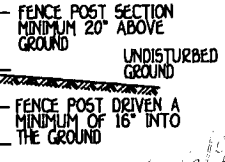
MINIMUM HEIGHT OF
GEOTEXTILE CLASS F

MINIMUM DEPTH IN
GROUND

Approved Septic System Plan Howard County Health Department

Amy McMill
Signature

3/16/99
Date



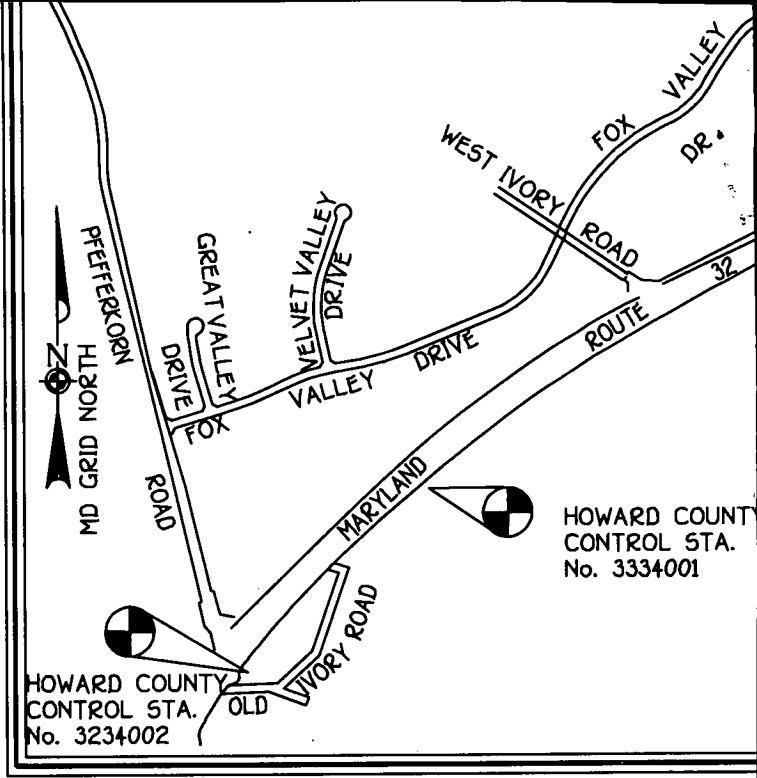
Total linear feet of trench required **240 feet**

Width of trench(es) **3.0 feet**

Depth of trench **5.0 feet**

Depth of stone required below **2.0 feet**

Test: MSMT 509
Test: MSMT 509
Test: MSMT 322
Test: MSMT 322



VICINITY MAP
SCALE: 1"=2000'

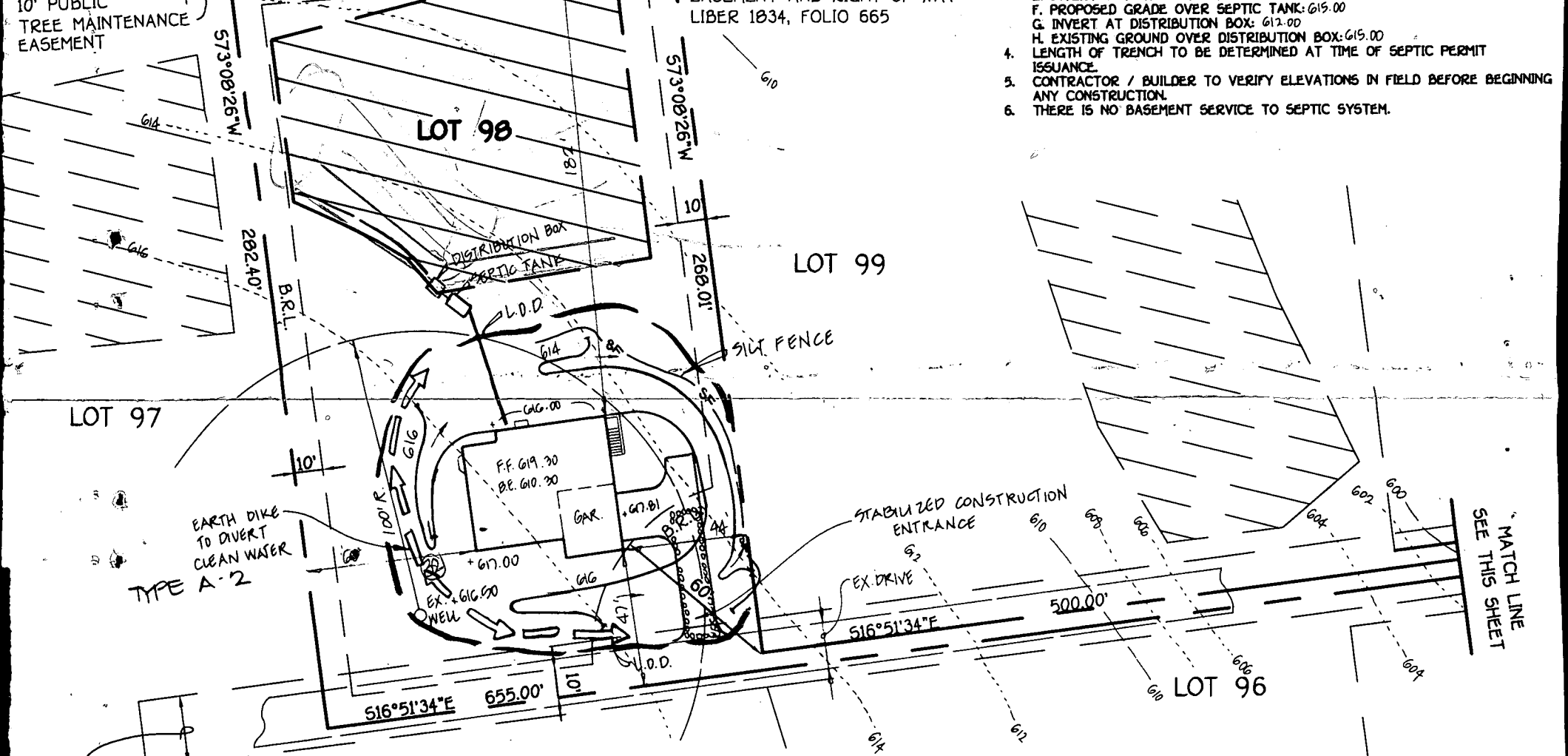
GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 619.30
 - B. BASEMENT ELEVATION: 610.30
 - C. INVERT OF SEPTIC SYSTEM AT HOUSE: 613.40
 - D. INVERT IN AT SEPTIC TANK: 612.60
 - E. INVERT OUT AT SEPTIC TANK: 612.30
 - F. PROPOSED GRADE OVER SEPTIC TANK: 615.00
 - G. INVERT AT DISTRIBUTION BOX: 612.00
 - H. EXISTING GROUND OVER DISTRIBUTION BOX: 615.00
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

shall be overlapped,
ent and maintained when
of the fabric height.

10' PUBLIC TREE MAINTENANCE EASEMENT

EXISTING 20" WIDE BALTIMORE GAS AND ELECTRIC COMPANY EASEMENT AND RIGHT-OF-WAY LIBER 1034, FOLIO 665

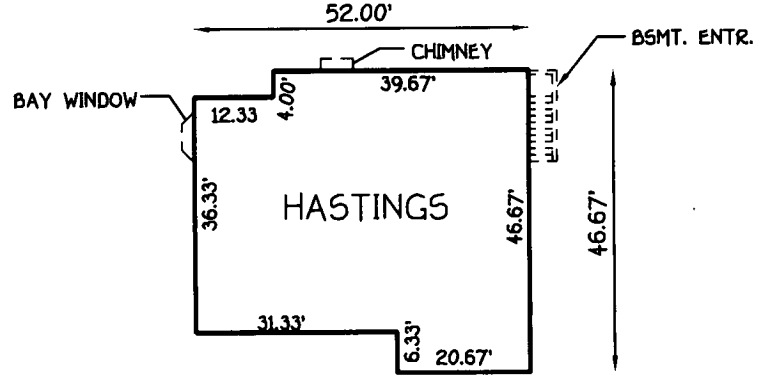


24' WIDE PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT ACROSS LOTS 97, 98 AND 99 AND PRESERVATION PARCEL 'M' FOR THE USE AND BENEFIT OF LOTS 96, 97, 98 AND 99. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

ENVIRONMENTAL PRESERVATION PARCEL 'L'
5.702 AC.±
PRESERVATION PARCEL 'L' OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

ENVIRONMENTAL PRESERVATION PARCEL 'M'
1.622 AC.±
PRESERVATION PARCEL 'M' OWNED AND MAINTAINED BY HOMEOWNER'S ASSOCIATION

USE-IN-COMMON EASEMENT ACROSS AND PRESERVATION AND BENEFIT OF AND 99. RECORDED AMONG THE COUNTY, MARYLAND.



PLAN
SCALE: 1"=30'

G.P. 99-15!

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
WEST FRIENDSHIP ESTATES
SECTION 2
LOTS 57 THRU 100 PARCELS 'E' THRU 'Q'
LOT 98
ZONED: RC
TAX MAP NO. 22 PARCEL NO. 556 GRID NO. 9
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=50' DATE: FEBRUARY, 1999



10' PUBLIC TREE MAINTENANCE EASEMENT

PIPE-SITE
EARTH

3/15/99
Confirmation of well site
field located by
licensed surveyor
JRM

H&E 1/2 control
03-09-99
CURSHEET

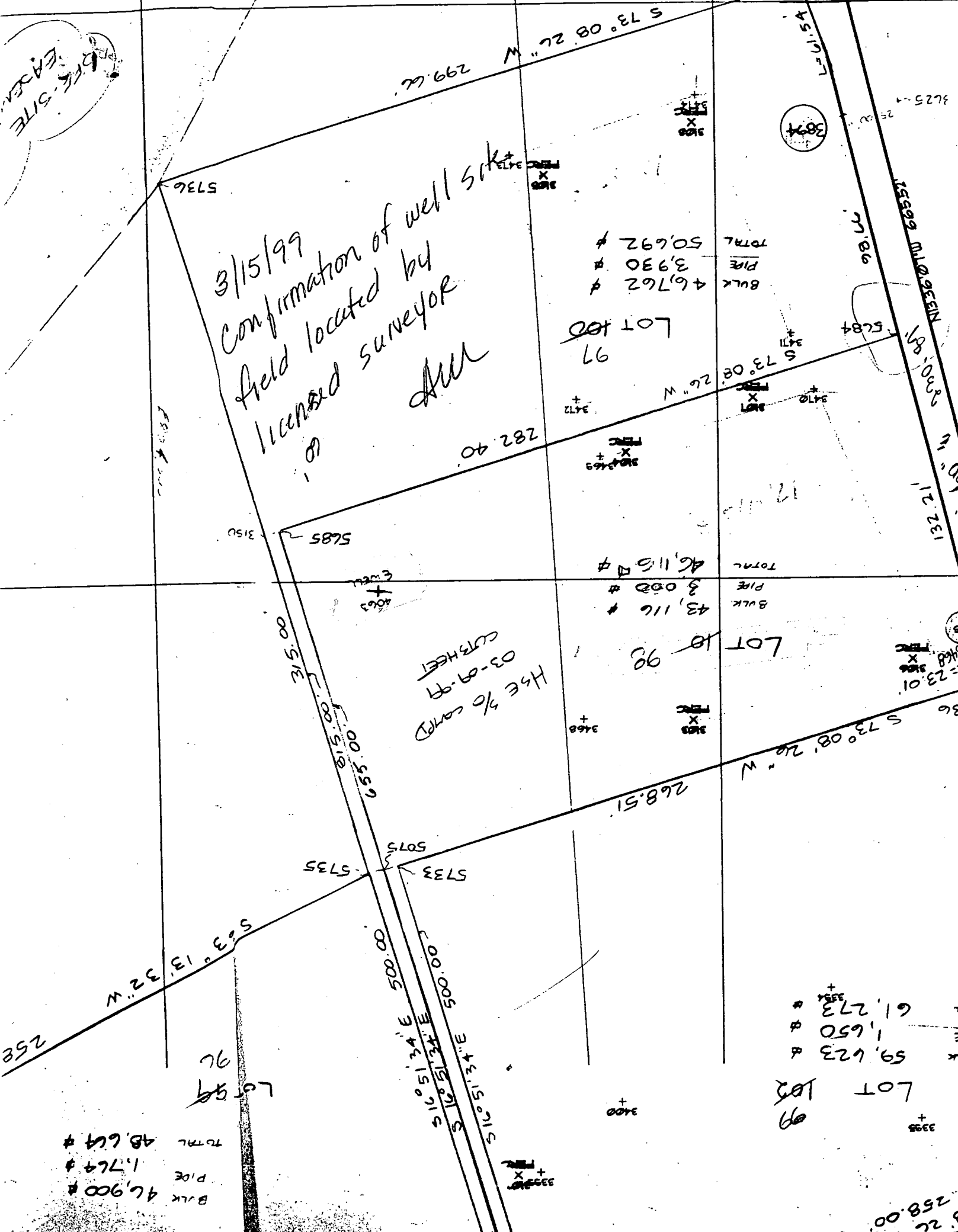
Bulk 46,900 #
Pipe 1,764 #
TOTAL 48,664 #

Bulk 46,762 #
Pipe 3,930 #
TOTAL 50,692 #

Bulk 43,116 #
Pipe 3,000 #
TOTAL 46,116 #

LOT 96
59,623 #
1,650 #
61,273 #

258.00



ci 9602

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL-COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A48769

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED MM 02 DD 10 YY 99

Depth of Well 22 245 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2081

OWNER Hamilton Reed STREET OR RFD Fox Valley DR TOWN W Friendship SUBDIVISION W Friendship Est SECTION II LOT 98

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C.M) BENTONITE CLAY (B.C) NO. OF BAGS 19 NO. OF POUNDS 1700

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 7.5 METHOD USED TO MEASURE PUMPING RATE Bucket

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

CASING RECORD (S) (C) (P) (O) MAIN CASING TYPE PL Nominal diameter top (main) casing 6 Total depth of main casing 73

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

SCREEN RECORD (S) (B) (H) (P) (O) screen type or open hole insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS 0 WELL HYDROFRACTURED (Y) (N) CIRCLE APPROPRIATE LETTER A E P

DEPTH (nearest ft.) HO 21 245

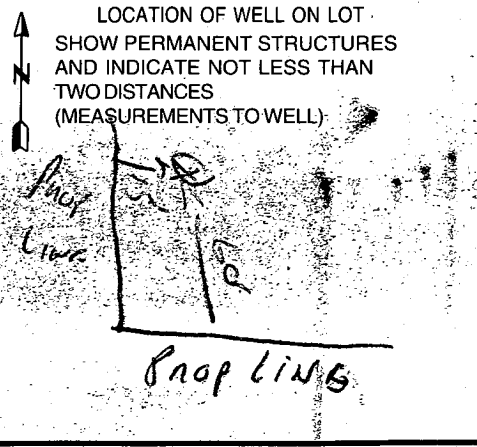
PUMP-INSTALLED

DRILLER INSTALLED PUMP (YES) (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 MSD 116 DRILLERS SIGNATURE Paul S. Moore LIC. NO. 1 MSD 117

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)



B 1	-4703	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>HO-94-2081</u> <small>fill in this form completely</small>
-----	-------	--------------------------------	---	---

OWNER INFORMATION

Date Received (APA) 01 29 99
8 MM DD YY 13

Hamilton Reed
15 Last Name Owner First Name 34

10805 Hickory Ridge
36 Street or RFD 55

Columbia MD 21044
57 Town 70 State 72 Zip 76

LOCATION OF WELL

Howard
8 COUNTY 21

West Friendship Est
23 SUBDIVISION 42

SECTION 2 LOT 98
44 46 48 50

West Friendship
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1
73 76 77 78

DRILLER INFORMATION

Ralph Mayne MSD 116
Driller's Name 76 License No. 81

Ralph Mayne Well Drilling
Firm Name

9120 Brown Church Rd Mt Airy
Address

Ralph Mayne 1-29-99
Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

Peffer Korn Rd
11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

34 260 37
DISTANCE FROM ROAD ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL: _____

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A48769
COUNTY NAME COUNTY NO.

STATE SIGNATURE _____ INSERT S → _____
41

DATE ISSUED 020599 A M M M 000 45/99
43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID 527000 EAST GRID 800000
50 55 57 63

APPROXIMATE DEPTH OF WELL 150 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E 800
 N 527

000
000

greek (late afternoon) 2/10/99 No Inspection 2/16/99

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY JETTED AIR-PE Percussion ROTARY (Hydraulic Rotary) Jetted & DRIVEN Drive-POINT

CABLE 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) 41 _____ 52

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

800
527

MD RA 32

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER _____ GAP _____
54 63

PERMIT No. HO-94-2081
70 71 72 73 74 75 76 77 78 79

B 1 8755 SEQUENCE NO. (MDE USE ONLY)

(THE 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
10-94-1333
 fill in this form completely

Date Received (APA) 111397 OWNER INFORMATION

HAMELTON C Reed
 Last Name Owner First Name

10805 AICKORY RIDGE
 Street or RFD

COLUMBIA MD 21044
 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

HOWARD
 COUNTY

WEST FRIENDSHIP EST
 SUBDIVISION

SECTION 2 LOT 98

WEST FRIENDSHIP
 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 M I

DRILLER INFORMATION

CLAY MAYNE
 Driller's Name

CLAY MAYNE WELL DRILLING
 Firm Name

920 Brown Church Rd Mt Airy
 Address

Clay Mayne Nov 12 1997
 Signature Date

CIRCLE: MSP / MGD / MWD
 License No. 1116

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD Pepper Kown Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD 260 ENTER FT OR MI

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 COUNTY NO. A-48769

STATE SIGNATURE _____ DATE ISSUED 112697 INSERT S _____

11/20/98 CO SIGNATURE _____ EXP. DATE _____

NORTH GRID 527000 EAST GRID 803000

APPROXIMATE DEPTH OF WELL 150 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 DRILL-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)

APPROX. PERMIT NUMBER _____

FORCE 65 WRITE INITIALS IN BOX PERMIT No. 10-94-1333

