

4/13/99
2:00
4/22/99
3-3:30
4/23/99
pm

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511475

A 48736

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE 3/24/99

DATE SYSTEM APPROVED 5/12/99

INSPECTOR A

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road Westminster, MD 21157 PHONE (410) 875-4197

SUBDIVISION West Friendship Estates LOT 96 ROAD 3321 Fox Valley Drive

PROPERTY OWNER Altieri Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

BUILDING PERMIT SIGNED AND RETURNED

5-1-03 BDD141609 DECK

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 160.00' and 258.00' lot lines, begin trenches 55 feet up the 160.00' lot line and 10 feet off that same lot line. Run trenches on contour toward the 98.04' 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.

** Distribution box changed to better match field contours 4/14/99 S.R.K.*

PLANS APPROVED BY Amy McMillen

DATE 2-04-99

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

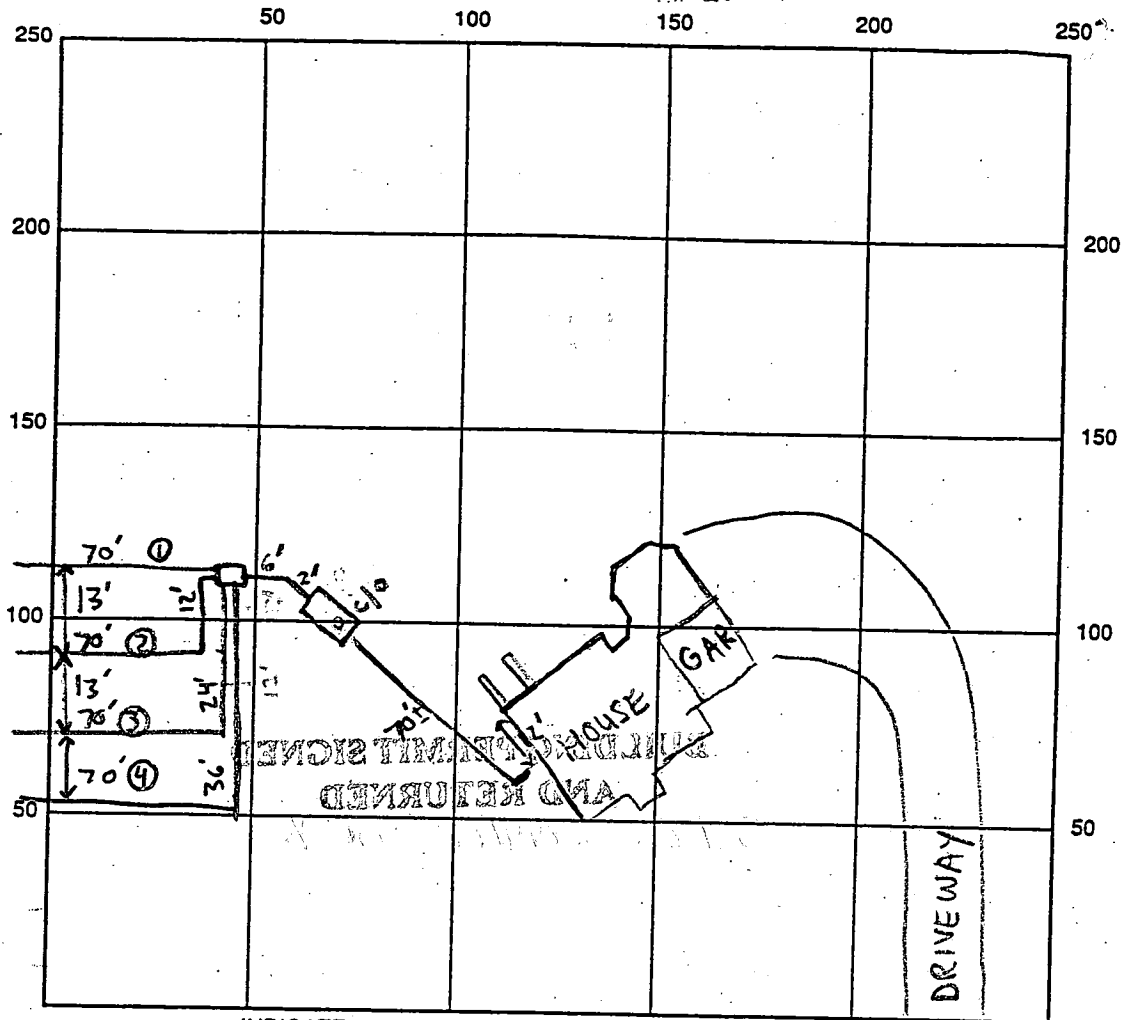
PERMIT VOID AFTER TWO YEARS

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**

48736



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 FOX VALLEY DRIVE

SEPTIC TANK LEVEL ✓ 1250 CLEANOUTS 1-6" @ tank

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 6.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH $\frac{112}{70} \frac{314}{70} \frac{14}{70}$ FT. (280)

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: House connection will be made by plumber needs to be done - S.P.K.

OK TO COVER ENDS OF TRENCH 1 & 2 & DISTRIBUTION BOX - 4/21/99

OK TO COVER LAST TRENCH (#4) AND CONNECTING PIPING

5/12/99 House connection made ✓

DATE SYSTEM APPROVED 5/12/99 INSPECTOR Amy McMillan

APPLICATION

PERCOLATION TESTING

A 48736
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P O 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. Altieri Homes

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 N/A 96

ROAD AND DESCRIPTION Pfefferkorn Road & Route 32 (3321 Fox Valley Drive)

TAX MAP 15 PARCEL # 32 & 42, 533

SIZE OF LOT 1 + acres TYPE BLDG single family dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

LOG. PERMIT SIGNED

AND RETURNED 2-4-99

Serial # B70115826

4Bm

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

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 _____

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION _____

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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

48736

LOT 49

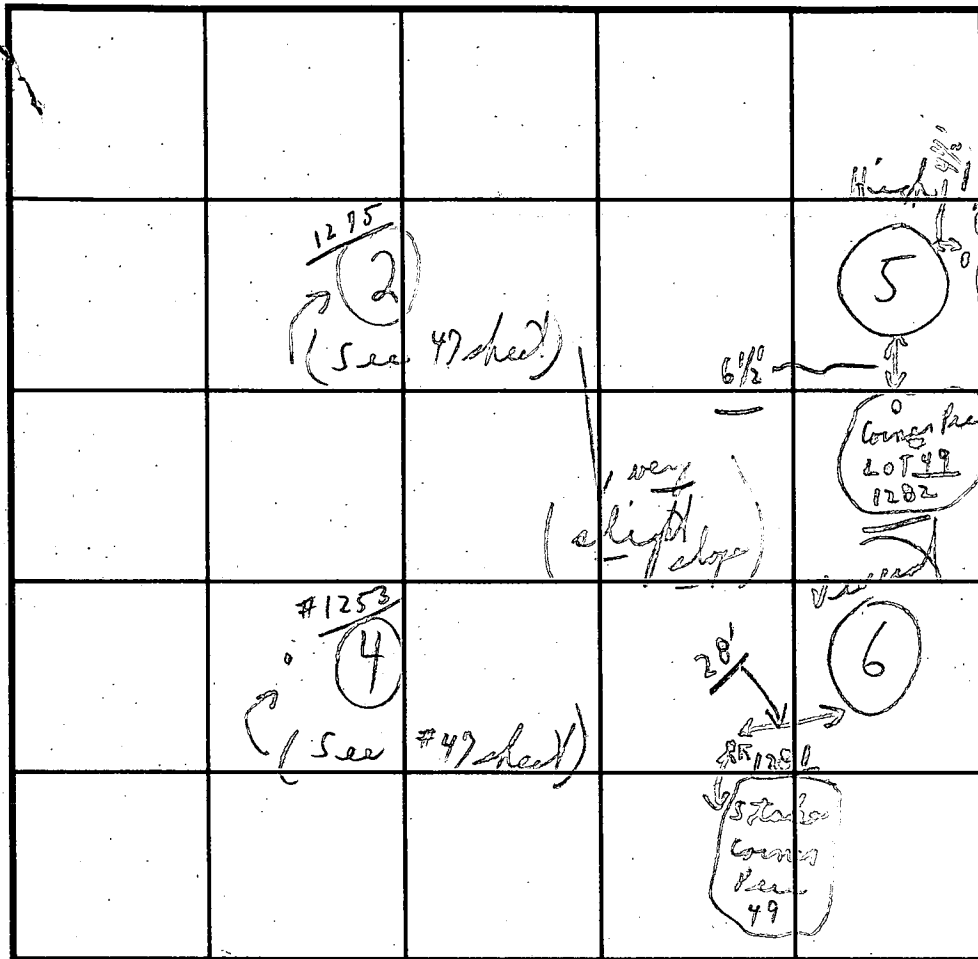
New 91

R132

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

6" loose condition

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/14/02	1282 (5)	4 1/2'	11:05	11:11	11:05	11:05	XXX
Unseed	(5)	8'	11:06	11:07	11:07	11:09	1 1/2 min
Neq	1281 (6)	0' to 1' clay		4' to 10'	{all loam	4' to 5 1/2'; }	
	(6)	10'	Unseed		5 1/2' loam	10' 40% sand	
	1275 (2)	See #47					
	(4)	See #47					
	1253 (4)						
	(5B)	5 1/2'	11:21	11:24	11:24	11:30	6 min

Moist loam Depth 12"

REMARKS Trench as per above; not per plat.

TYPE OF SOIL Sd all over system on

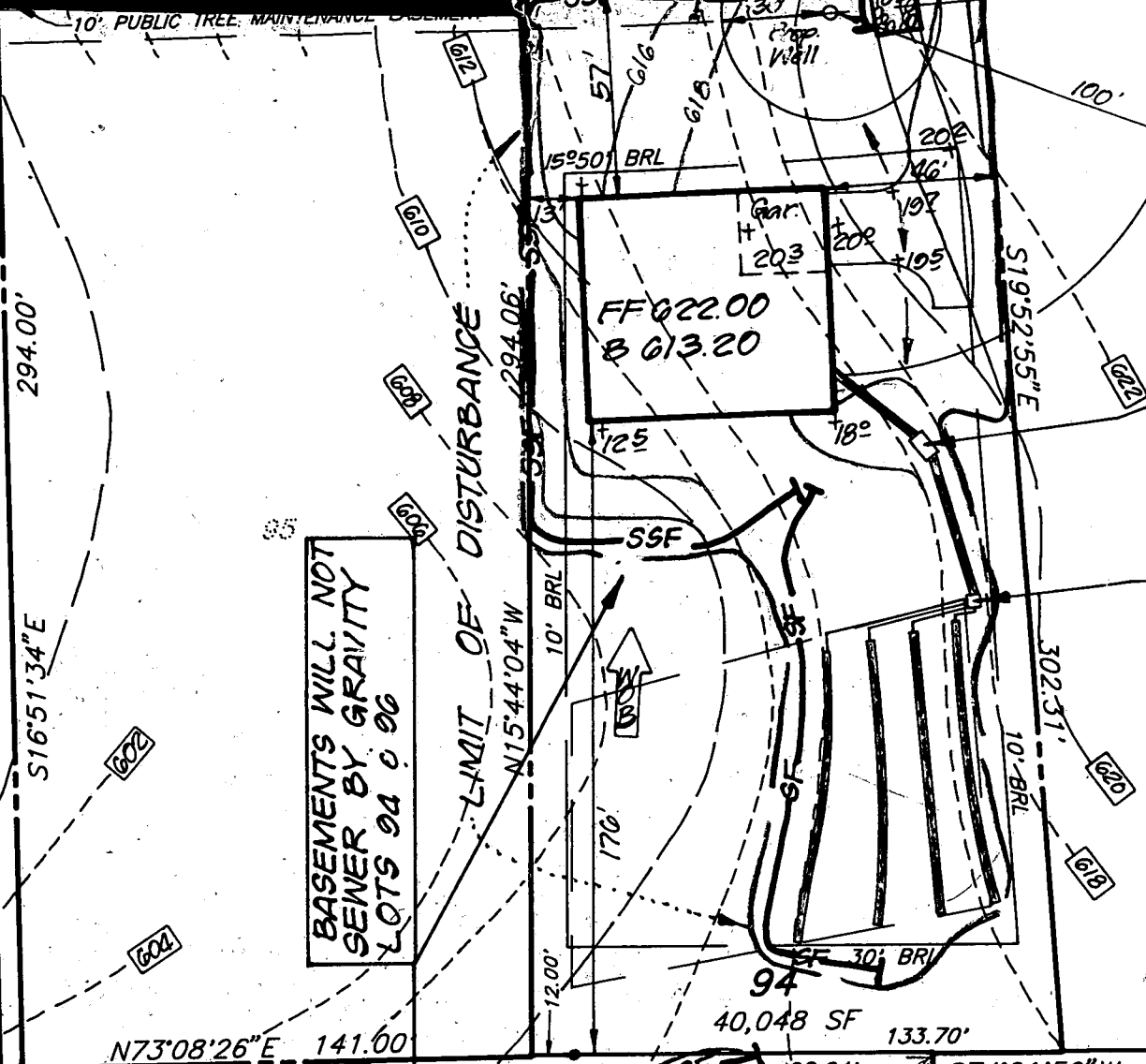
TESTED BY C.R.A. ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 min TRENCH WIDTH 3

INLET DEPTH 4.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT./BEDROOM 210 ft²

10' PUBLIC TREE MAINTENANCE BASEMENT

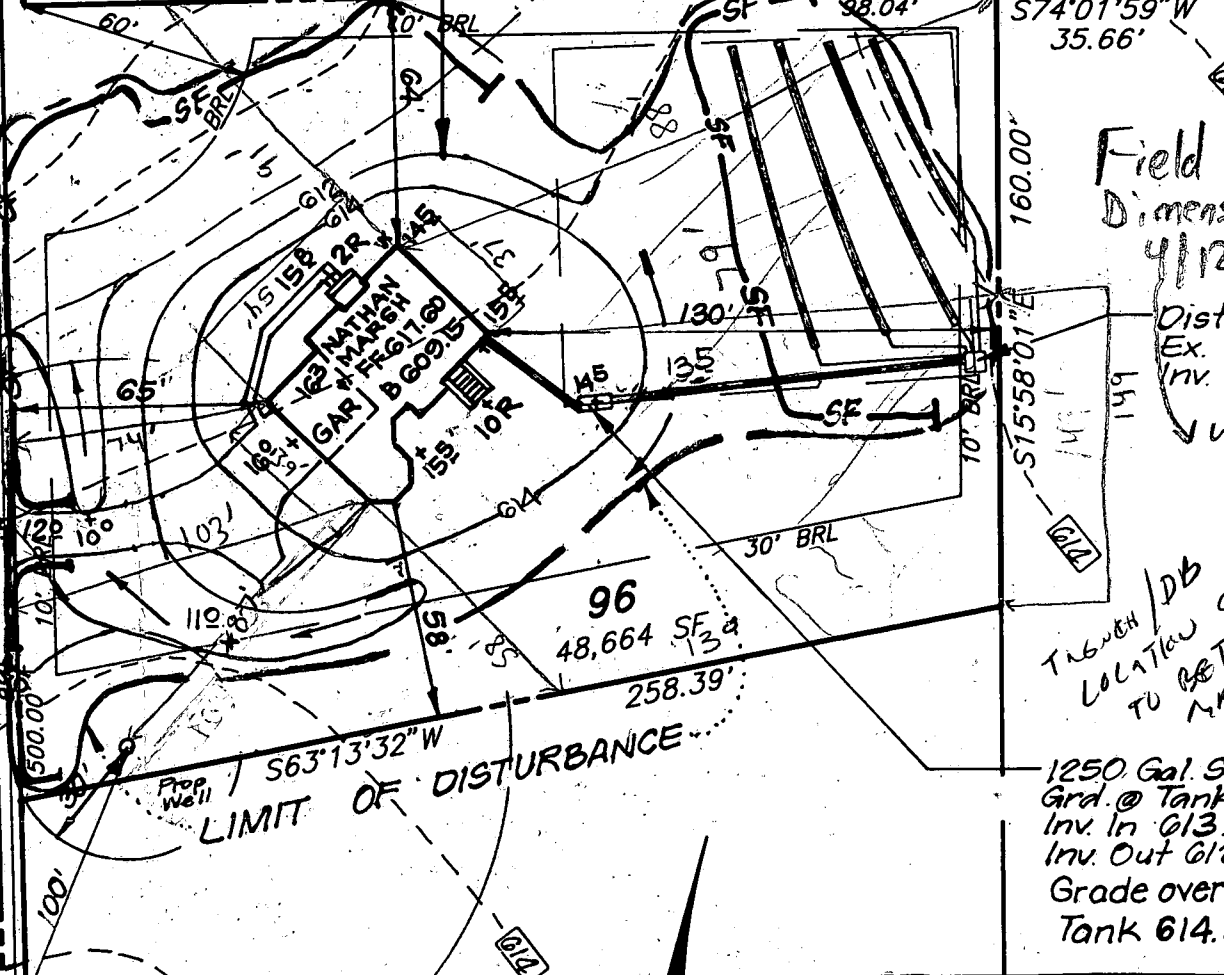
Culvert plus
set Invert
edge of pav



BASEMENTS WILL NOT
SEWER BY GRAVITY
LOTS 94 & 96

1250 Gal. Septic
Tank
Ex. Grd. @ Tank
Inv. In 615.6
Inv. Out. 615.3

Distribution Box
Ex. Grd. 617.5
Inv. 614.5



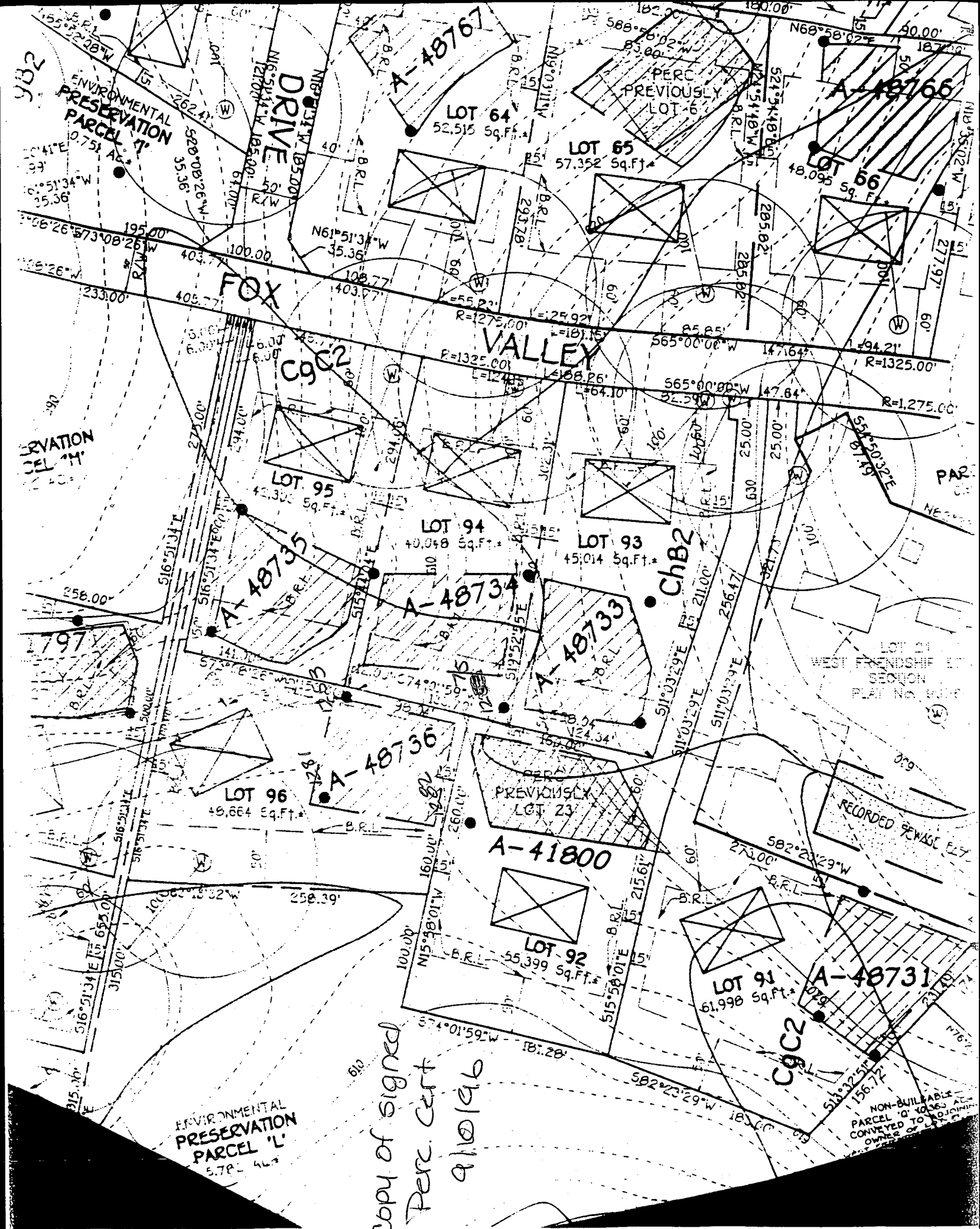
Field Measured
Dimensions
4/12/99 S. Roll.

Distribution Box
Ex. Grd. 613.8
Inv. 610.8

w/ Kenny S

TRUCK/DB
LOCATION CHANGED
TO BETTER
MATCH FIELD
CONDITIONS
SK.

1250 Gal. Septic Tank
Grd. @ Tank 614.50
Inv. In 613.0
Inv. Out 612.7
Grade over the Septic
Tank 614.5



302

ENVIRONMENTAL
PRESERVATION
PARCEL 'A'

ENVIRONMENTAL
PRESERVATION
PARCEL 'M'

ENVIRONMENTAL
PRESERVATION
PARCEL 'L'

FOX

VALLEY

C9C2

ChB2

C9C2

copy of signed
Perc. cert
9/10/96

NON-BUILDABLE
PARCEL 'G' 40,363 AC.
CONVEYED TO JOINT
OWNER OF LOT 23

RECORDED SEWAGE EJECTOR

LOT 21
WEST FRIENDSHIP E.T.
SECTION
PLAT NO. 608

PERC
PREVIOUSLY
LOT 6

PREVIOUSLY
LOT 23

LOT 64
52,515 Sq. Ft.

LOT 65
57,352 Sq. Ft.

LOT 56
48,095 Sq. Ft.

LOT 95
42,300 Sq. Ft.

LOT 94
40,048 Sq. Ft.

LOT 93
45,014 Sq. Ft.

LOT 96
49,664 Sq. Ft.

LOT 92
55,399 Sq. Ft.

LOT 91
61,998 Sq. Ft.

A-48767

A-48766

A-48735

A-48734

A-48733

A-48736

A-41800

A-48731

MATCH LINE

SEE

FOX VALLEY

528°08'26"W 35.36'
 10' PUBLIC TREE MAINTENANCE EASEMENT
 PRESERVATION PARCEL 'M' IS 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

LOT 95
 42,303 Sq.Ft.
 LOT 94
 40,048 Sq.Ft.
 LOT 93
 44,854 Sq.Ft.

LOT 99
 61,273 Sq.Ft.
 LOT 96
 48,664 Sq.Ft.
 LOT 92
 55,559 Sq.Ft.

LOT 98
 46,116 Sq.Ft.
 LOT 91
 61,998 Sq.Ft.
 LOT 97
 92 Sq.Ft.

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

Approved
 F-95-183

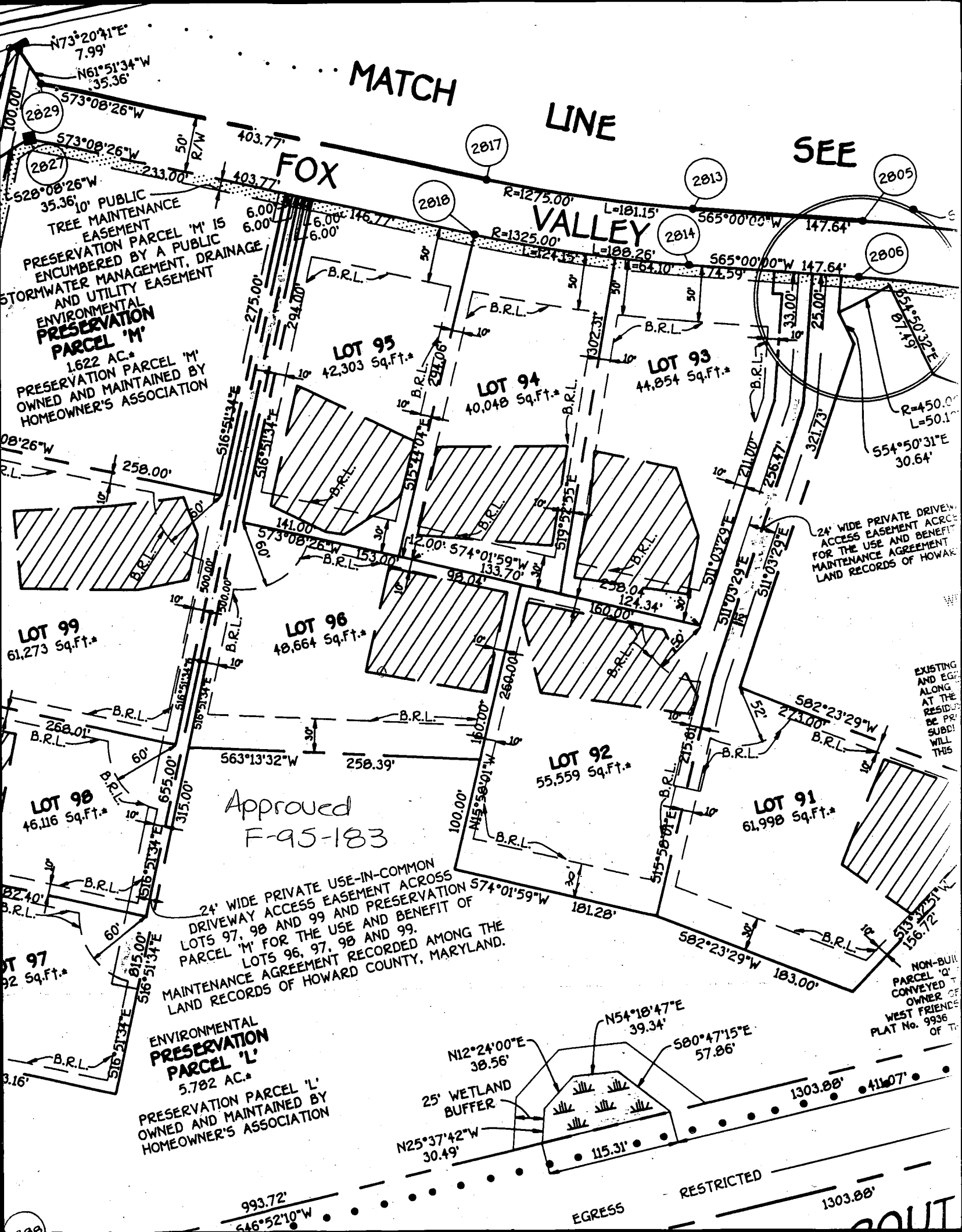
24' WIDE PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT ACROSS LOTS 97, 98 AND 99 AND PRESERVATION PARCEL 'M' FOR THE USE AND BENEFIT OF LOTS 96, 97, 98 AND 99. MAINTENANCE AGREEMENT RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

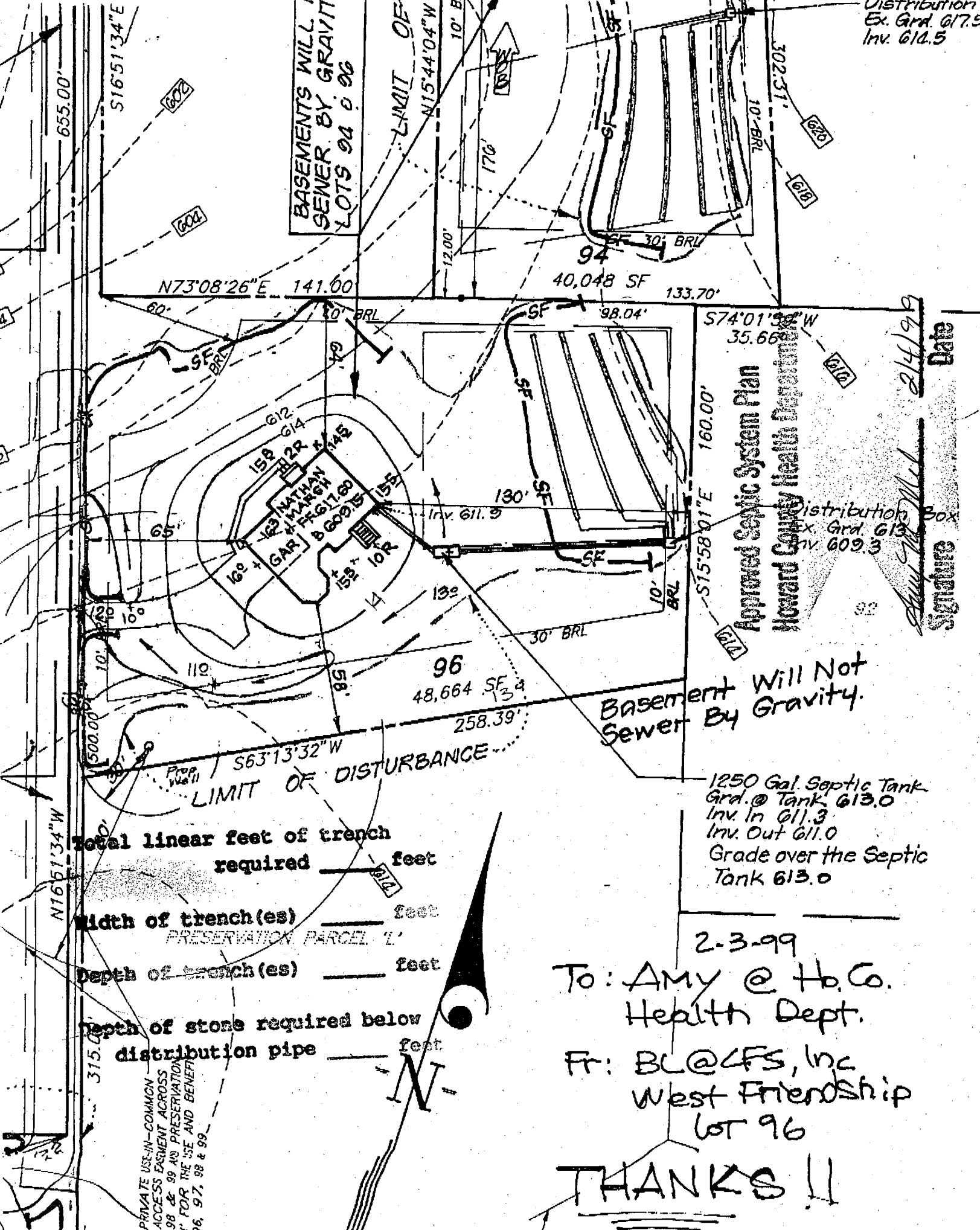
25' WETLAND BUFFER

24' WIDE PRIVATE DRIVEWAY ACCESS EASEMENT ACROSS FOR THE USE AND BENEFIT MAINTENANCE AGREEMENT LAND RECORDS OF HOWARD COUNTY, MARYLAND.

EXISTING AND EGRESS ALONG AT THE RESIDENCE BE PERMITTED SUBDI WILL THIS

NON-BUILDING PARCEL 'Q' CONVEYED TO OWNER OF WEST FRIENDS PLAT No. 9936 OF TR





BASEMENTS WILL
SEWER BY GRAVITY
LOTS 94 & 96

LIMIT OF

Approved Septic System Plan
Howard County Health Department

Distribution Box
Ex. Grd. 613
Inv. 609.3

Signature: *[Handwritten Signature]*
Date: 2/4/99

Basement Will Not
Sewer By Gravity.

1250 Gal. Septic Tank
Grd. @ Tank 613.0
Inv. In 611.3
Inv. Out 611.0
Grade over the Septic
Tank 613.0

Total linear feet of trench required _____ feet

Width of trench(es) _____ feet

Depth of trench(es) _____ feet

Depth of stone required below distribution pipe _____ feet

2-3-99
To: Amy @ Hb. Co.
Health Dept.
Fr: BL@CFS, Inc
West Friendship
Lot 96

THANKS !!

PRIVATE USE-IN-COMMON
ACCESS EASEMENT ACROSS
98 & 99 AND PRESERVATION
FOR THE USE AND BENEFIT
96, 97, 98 & 99

B 1 **8846** SEQUENCE NO. (MDE USE ONLY)
 1 2 3 4 5 6
 7 8

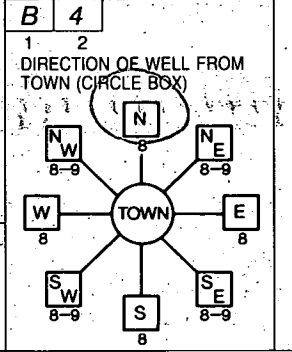
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-94-2014
 70 fill in this form completely 79

Date Received (APA) **12/16/98**
 8 MM DD YY 13
Alter Home's OWNER INFORMATION
 15 Last Name Owner First Name 34
9017 Red Branch Rd
 36 Street or RFD 55
Columbia MD 21045
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
Howard COUNTY 21
Fox Valley SUBDIVISION 42
 SECTION 44 46 LOT **96** 48 50
Glennely NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** M 73 76 77 78

DRILLER INFORMATION
Paul M. Fabiszak M W D 3 9 9
 Driller's Name 76 License No. 81
G. Edgar Harr Sons' Corp Firm Name
12047 Falls Rd Cockeysville 21030 Address
Paul M. Fabiszak Signature **12/15/98** Date



3321 Fox Valley Drive NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **100** 37 DISTANCE FROM ROAD FT 38 39
 ENTER FT OR MI
 TAX MAP: _____ BLK: _____ PARCEL: _____

B 2 WELL INFORMATION
 7 2 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **750**
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard Co COUNTY NAME **A48736** COUNTY NO.
 STATE SIGNATURE _____ INSERT S →
 DATE ISSUED **12/22/98** **A M. M. M. M.** 12/22/98
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID **520000** EAST GRID **800000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET
 24 28
 APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 37 CABLE REVerse-ROTary DRive-POINT
 other _____

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEAN AN EXISTING WELL
 39 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER 54 _____ 63
 PERMIT No. **HO-94-2014**
 70 71 72 73 74 75 76 77 78 79

