

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

\*Time Expired for F.C.O.P. Compliance  
Burgemeister-Bell, Inc.

3/17/95 3-20-95 PM 4/0

P 50578A

A 47196

DISTRICT 3rd

DATE 3/14/95

DATE SYSTEM APPROVED 3/20/95

INSPECTOR RPL

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 10331 S. Dolfield Road, Owings Mills, Maryland 21117 PHONE 363-0880

SUBDIVISION West Friendship Estates LOT 33 ROAD 3132 River Valley Chase

PROPERTY OWNER ~~John H. Selfridge Builders, Inc.~~ JAMES SELF RIDGE

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5/contractor

200 SQUARE FEET PER BEDROOM (1000 sq. ft.)

LINEAR FEET OF TRENCH REQUIRED 334' of trench

[ 334' of Trench Needed ]  
 $3 \overline{) 1000}$

BLDG. PERMIT SIGNED  
AND RETURNED 7/30/96

Serial # B701 01417-200 garage

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 175 feet down the left property line and 20 feet off the same property line. Run trenches on contour to right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/9/94 DCS

PLANS APPROVED BY Mark Rifkin

DATE 11/29/94

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

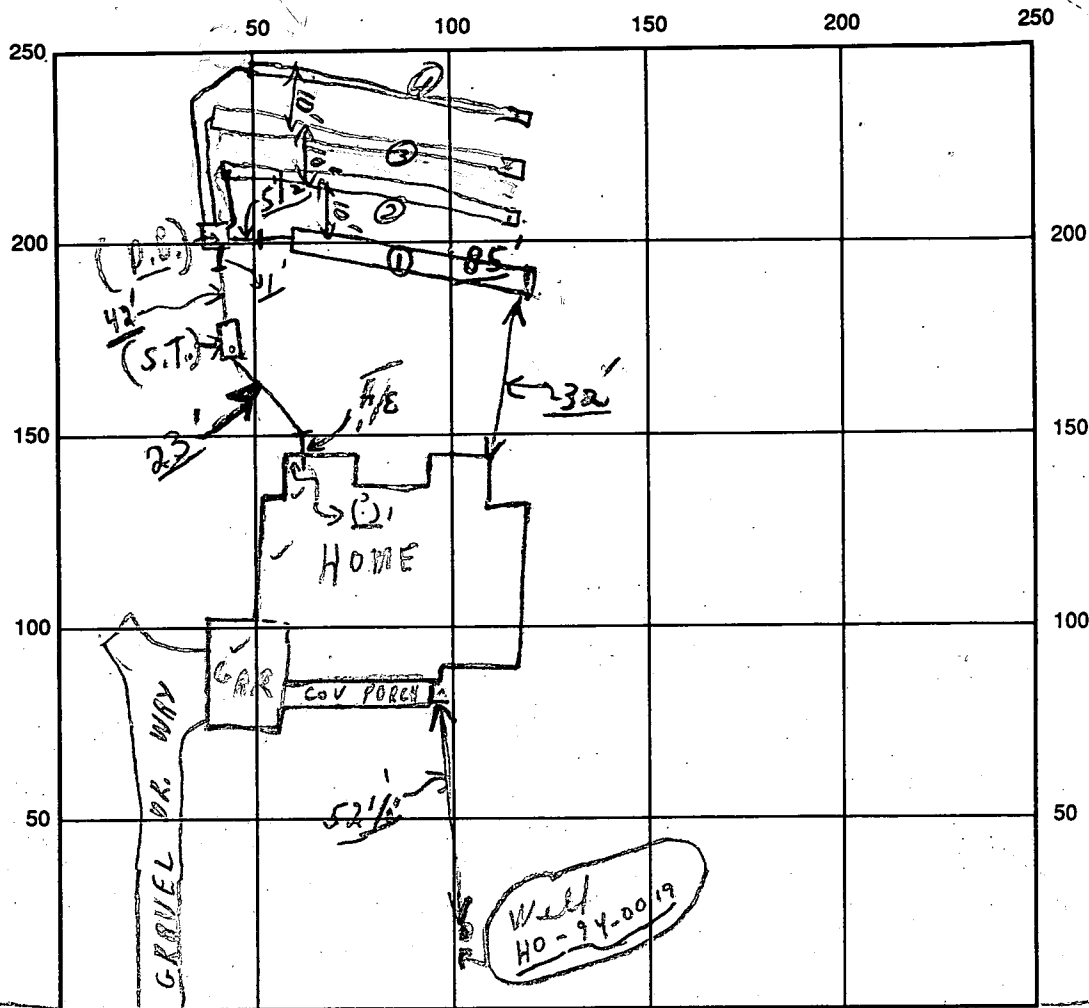
PERMIT VOID AFTER TWO YEARS

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

A 47196



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS Partial S.T. 5

DISTRIBUTION BOX LEVEL OK (Baffles No) Manhole to be completed

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 337 FT. (334 = Needed)

NUMBER OF TRENCHES 4 ONE 10/11 SQ. FT.

DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.

(Late) ABSORBENT AREA ~ SQ. FT.

REMARKS: 3/12/95 OK TO COVER FROM HOME TO D. BOX and OK to  
only cover #1 trench, partial; call "HOLD FOR A CALL"  
End of Trenches open - good soil ok to gravel & cover Trenches when finished.  
Note end of lot Trench extends about 5ft past ends of other 4. R/P 3/20/95

3/17 Final on W.P.T. of C.R.

DATE SYSTEM APPROVED 3/20/95 INSPECTOR [Signature]

River Valley

Chase -

NO RPS #3

# APPLICATION

PERCOLATION TESTING

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

A 47/96

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 6/12/91

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 PERCONTEE, INC.

ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES Section III LOT NO 22 122 (7/12/91) Final

ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70 Lot 33

TAX MAP 15 PARCEL # 42

SIZE OF LOT 3.00 AC. +/- TYPE BLDG SFD  
(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.

APPROVED BY John C. Reuer (SIGNATURE OF APPLICANT) FOR PERCONTEE, INC. FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

HD-216

## THIS IS NOT A PERMIT

Lot 122  
A 47196

ON LINE  
1  
SOIL PROFILE

0 BROWN CLAY  
2 BROWN CLAY  
2 BROWN CLAY  
2 LUMPY SAND LOAM  
10.5 HARD

ON LINE  
2

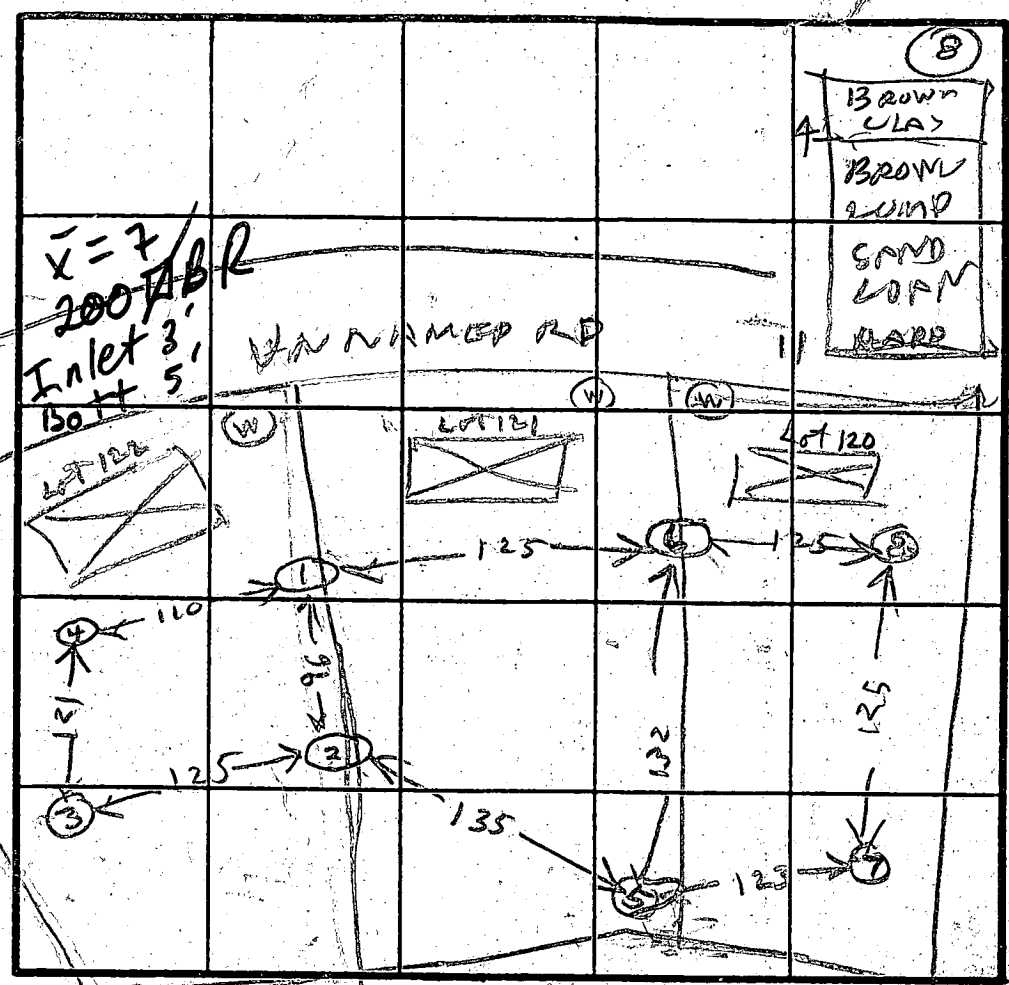
0 BROWN CLAY  
2 BROWN CLAY  
9 BROWN CLAY  
9 LUMPY SAND LOAM

3

0 BROWN CLAY  
3 BROWN CLAY  
3 LUMPY SAND LOAM

4

0 BROWN CLAY  
2 BROWN CLAY  
2 LUMPY SAND LOAM  
HARD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ON LINE  
5

0 BROWN CLAY  
1 BROWN CLAY  
1 BROWN CLAY  
1 SAND LOAM

ON LINE  
6

0 BROWN CLAY  
3 BROWN CLAY  
1 LUMPY SAND LOAM

7

0 BROWN CLAY  
3 BROWN CLAY  
1 LUMPY SAND LOAM

| DATE    | TEST NO. | DEPTH | PRE-WET    |      | TEST - 1' DROP |      | TIME |                       |
|---------|----------|-------|------------|------|----------------|------|------|-----------------------|
|         |          |       | START      | STOP | START          | STOP |      |                       |
| 7/12/91 | 1V       | 7.5   | 1020       | 1024 | 1024           | 1030 | 6    | ON LINE<br>#121       |
|         | 1S       | 3     | 1021       | 1024 | 1024           | 1030 | 6    |                       |
|         | 1V       | 10.5  | OK SHALLOW |      |                |      |      | #122                  |
|         | 2S       | 2.5   | 1030       | 1036 | 1036           | 1042 | 6    | ON LINE<br>#121 & 122 |
|         | 2V       | 9     | OK SHALLOW |      |                |      |      |                       |
|         | 3S       | 3.5   | 1040       | 1053 | 1053           | 1102 | 9    | LOT #122              |
|         | 3V       | 11.5  | OK SHALLOW |      |                |      |      |                       |
| 7/12/91 | 4V       | 9     | OK SHALLOW |      |                |      |      | LOT #122              |
|         | 5S       | 3.5   | 1114       | 1119 | 1119           | 1128 | 4    | ON LINE<br>#120 & 121 |
|         | 5V       | 11    | OK SHALLOW |      |                |      |      |                       |
|         | 6S       | 3.5   | 1124       | 1128 | 1128           | 1138 | 10   | ON LINE<br>#120       |
|         | 6V       | 7     | 1124       | 1126 | 1126           | 1129 | 3    |                       |
|         | 6V       | 11    | OK SHALLOW |      |                |      |      | #121                  |
|         | 7S       | 4     | 1142       | 1143 | 1143           | 1146 | 3    |                       |
|         | 7V       | 10    | OK SHALLOW |      |                |      |      | LOT #120              |
|         | 8V       | 11    | OK SHALLOW |      |                |      |      | LOT #120              |

REMARKS NO SURVEY OR STAKED HOLES

TYPE OF SOIL  
TESTED BY R. HODGES

JOHN REARER  
ALSO PRESENT HUGH OKETTERMAN

C1 8706

SEQUENCE NO.  
(DENV USE ONLY)STATE OF MARYLAND  
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY  
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN  
45 DAYS AFTER WELL IS COMPLETED.COUNTY  
NUMBER

47200 47196

ST/CO USE ONLY  
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

0 2 2 5 9 4

22 17 7 26  
(TO NEAREST FOOT)

H0-94-0019

OWNER LAND BELIEVED DEV.  
STREET OR RFD last name BOGEY COURT first name TOWN WEST FRIENDSHIP  
SUBDIVISION WEST FRIENDSHIP EST. SECTION 1 LOT 33

## WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS  
PENETRATED, THEIR COLOR, DEPTH,  
THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use<br>additional sheets if needed) | FEET |     | Check<br>if water<br>bearing |
|--------------------------------------------------|------|-----|------------------------------|
|                                                  | FROM | TO  |                              |
| Dirt                                             | 0    | 1   |                              |
| Soft Br. Mica                                    | 1    | 39  |                              |
| Soft Br. Mica                                    | 39   | 40  | X                            |
| Blue Sandstone                                   | 40   | 80  |                              |
| Blue & Br. Sandst.                               | 80   | 81  | X                            |
| Blue Sandstone                                   | 81   | 105 |                              |
| Br. Sandstone                                    | 105  | 106 | X                            |
| Blue Sandstone                                   | 106  | 177 |                              |

## GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 20 NO. OF POUNDS 1880

GALLONS OF WATER 120

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 53 ft.  
(enter 0 if from surface)casing  
types  
insert  
appropriate  
code  
below

## CASING RECORD

ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHERMAIN  
CASING  
TYPENominal diameter  
top (main) casing  
(nearest inch)Total depth  
of main casing  
(nearest foot)

S T 6 55

E  
A  
C  
H  
C  
A  
S  
I  
N  
G

OTHER CASING (if used).

diameter depth (feet)  
inch from toscreen type  
or open hole

## SCREEN RECORD

insert  
appropriate  
code  
belowST BR HO  
STEEL BRASS OPEN  
BRONZE HOLE  
PL OT  
PLASTIC OTHER

C2

| E<br>A<br>C<br>H<br>S<br>C<br>R<br>E<br>E<br>N | DEPTH (nearest ft.) |                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | 1 2                 | 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |
| 1                                              | H O                 | 17 7 55                                                                                                                                                                                                                                                                                         |
| 2                                              |                     |                                                                                                                                                                                                                                                                                                 |
| 3                                              |                     |                                                                                                                                                                                                                                                                                                 |

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK  
IF WELL DRILLED WAS  
FLOWING WELL INSERT  
F IN BOX 68OEP USE ONLY  
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q  
70 72 74 75 76  
TELESCOPE LOG OTHER DATA  
CASING INDICATOR

C3

## PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO  
MEASURE PUMPING RATE submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING 24

WHEN PUMPING 61

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

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

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)Bogey Court  
Dwell

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED  
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

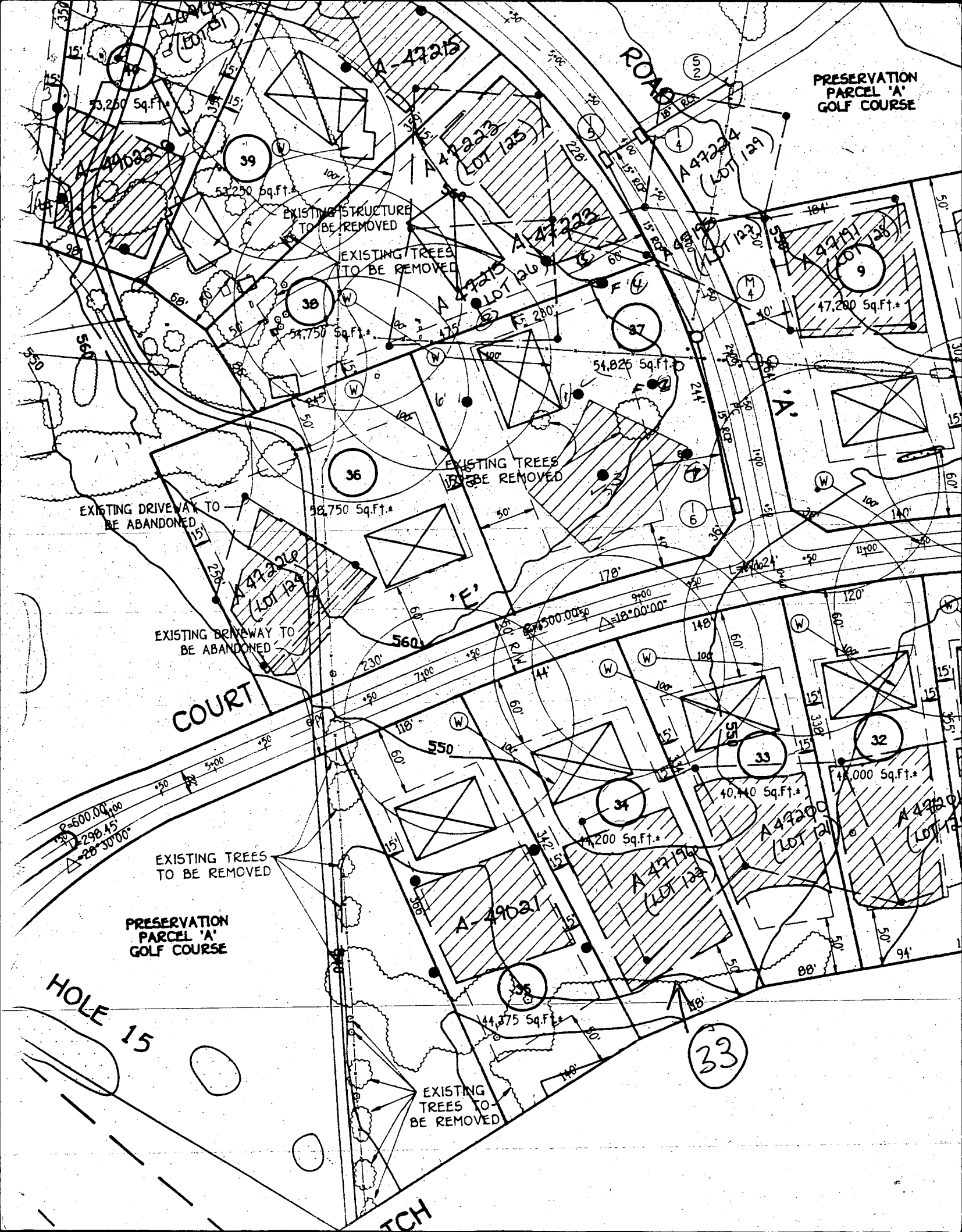
P TEST WELL CONVERTED TO PRODUCTION  
WELLI HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN  
ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"  
AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE  
ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRE-  
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF  
MY KNOWLEDGE.

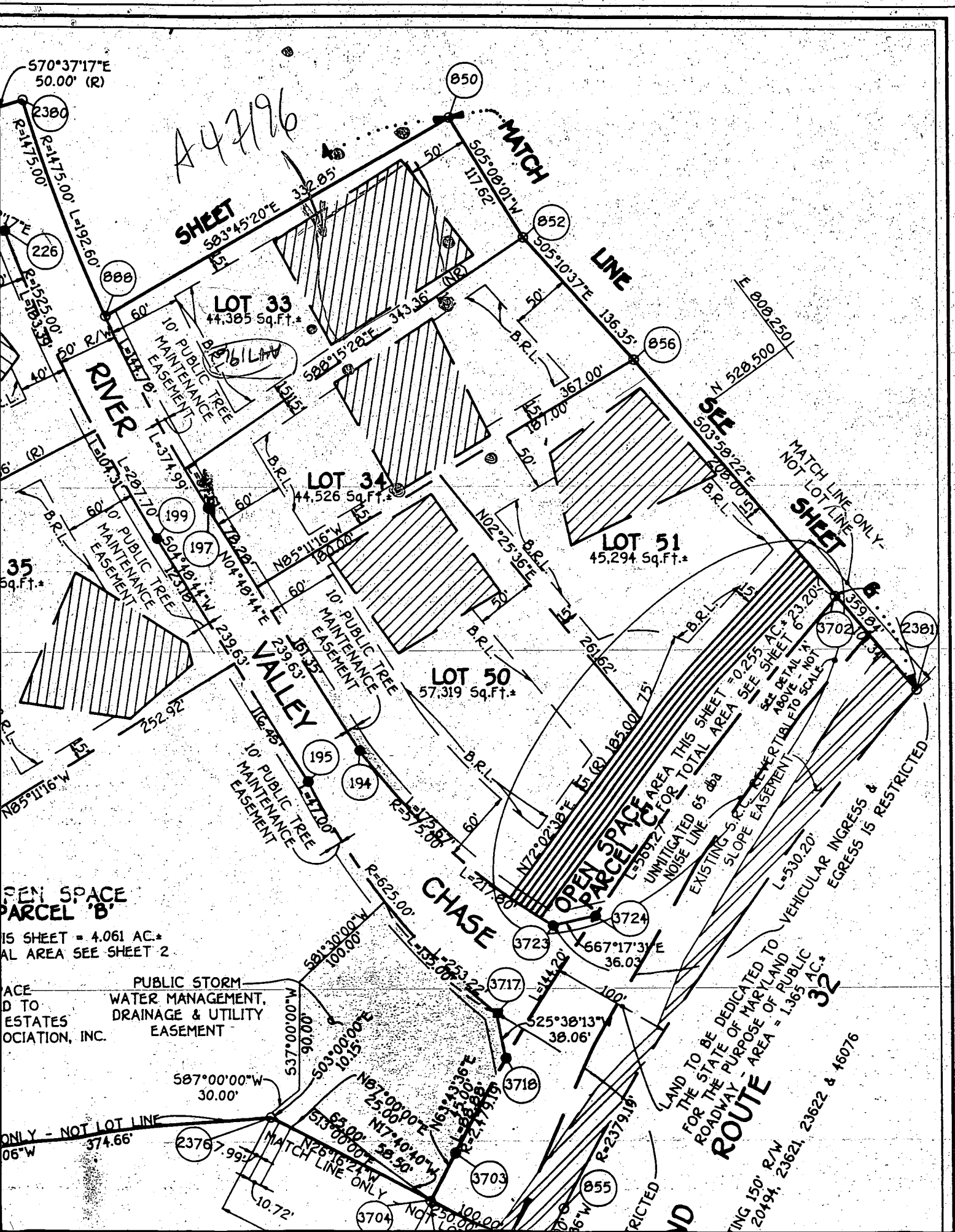
DRILLERS IDENT. NO. 256

DANA KYKER JR. II

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman  
responsible for sitework if different from permittee)

COUNTY

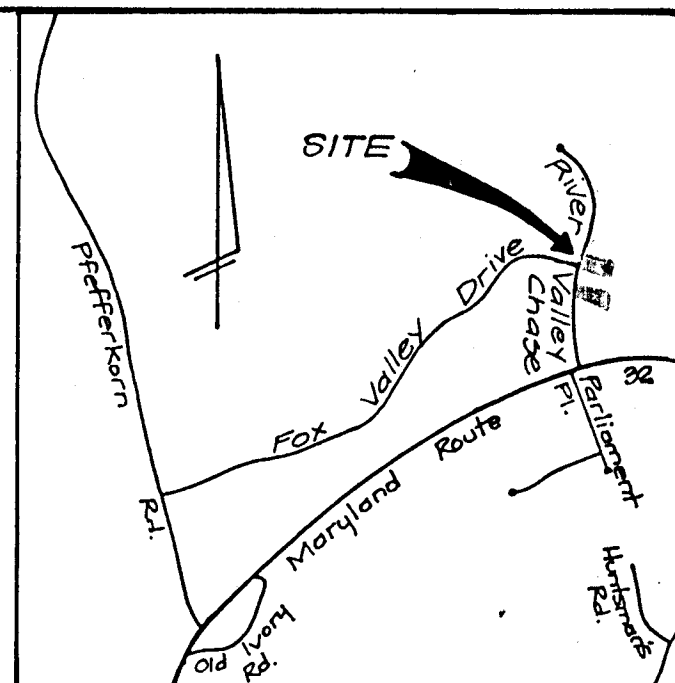






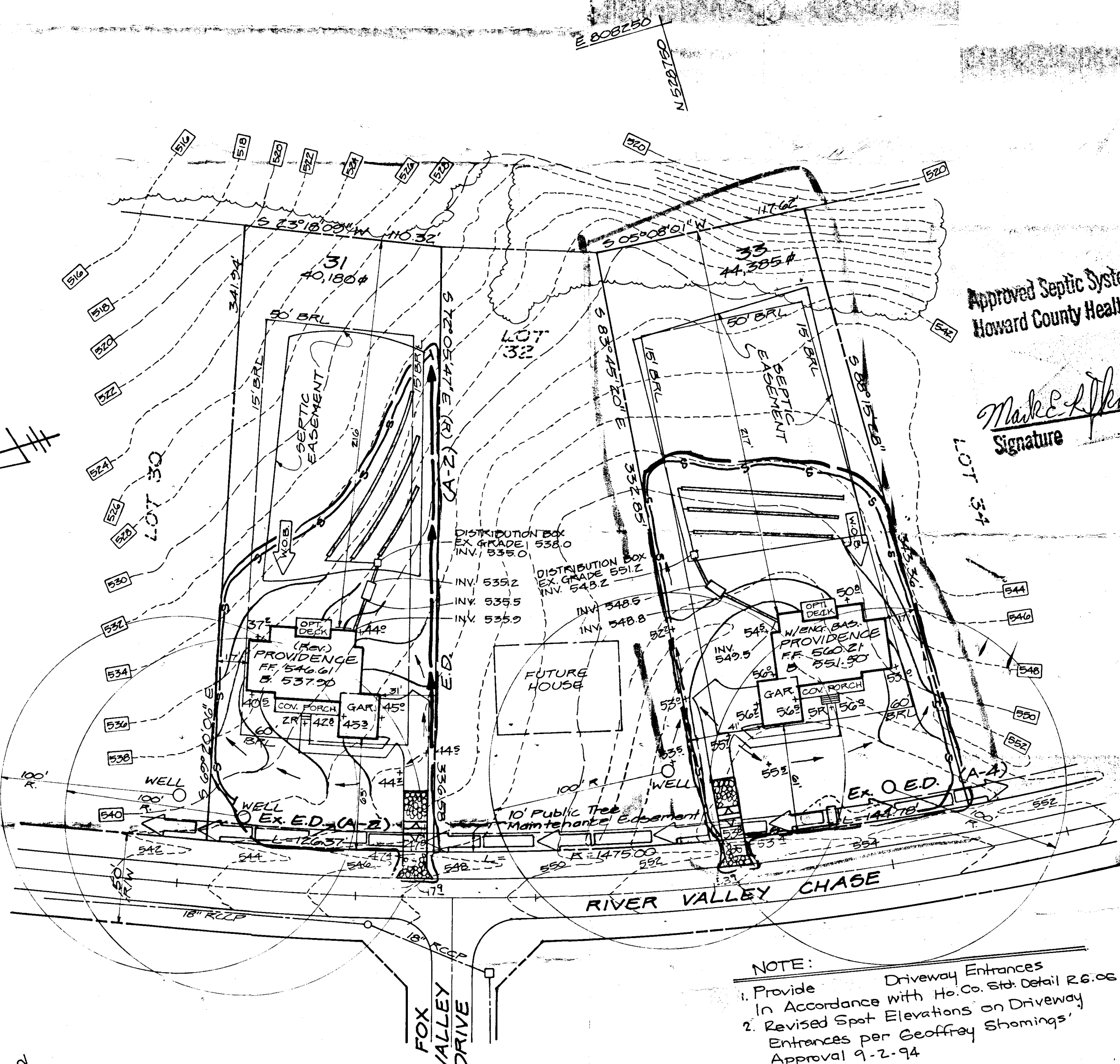
# LEGEND

Contour Interval 2 Ft.  
Proposed Contour --- 448 ---  
Existing Contour --- 448 ---  
Spot Elevation + 482  
Direction of Drainage →  
Silt Fence ---S---S---  
Stabilized Construction Entrance w/Mountable Berm  
Ex. Earth Dike → Ex. E.D. (A-1) →  
Earth Dike → E.D. (A-1) →  
Limit of Disturbance ---



## VICINITY MAP

Scale: 1" = 2000'



Approved Septic System Plan  
Howard County Health Department

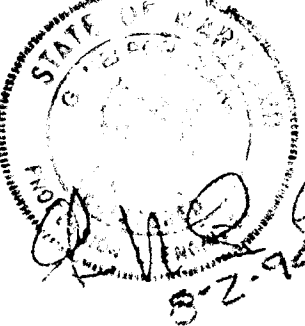
Mark E. L. Kim 4/29/94  
Signature Date

NOTE:  
1. Provide Driveway Entrances In Accordance with Ho. Co. Std. Detail R.6.06  
2. Revised Spot Elevations on Driveway Entrances per Geoffrey Shomings' Approval 9-2-94

### ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

8-2-94



GP-75-08

|                                                                                                                                                                                |                                                                                                                                                                                                                                                                                   |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH. |                                                                                                                                                                                                                                                                                   |                     |
| DESIGNED<br>ZAL<br>RMT                                                                                                                                                         | <b>SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN</b><br><b>LOTS 31 &amp; 33</b><br><b>WEST FRIENDSHIP ESTATES</b><br>SECTION 1<br>3RD ELECTION DISTRICT<br>HOWARD COUNTY, MARYLAND<br>For: JAMES H. SELFREDGE BLDGS, INC.<br>8131 Dorsey Run Road<br>Jessup, Maryland 20794 | SCALE<br>1" = 50'   |
| DRAWN<br>MCR                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   | DRAWING<br>1 OF 1   |
| CHECKED<br>JME                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   | JOB NO.<br>24-144   |
| DATE<br>8-2-94                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   | FILE NO.<br>24-144X |

PROPOSED DETACHED  
GARAGE

