

TaxID - 03-315517

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50049A

A 42194

DISTRICT 3rd

DATE 5/27/94

DATE SYSTEM APPROVED 9/16/93

INSPECTOR CW

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-9881~~ 313-2640

**INDEXED**

Jack Fyock Septic Service

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 988-9270

SUBDIVISION Second Discovery LOT 421 ROAD 12736 Maryvale Court

PROPERTY OWNER Eugene & Elizabeth Mele

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1500 ✓ GALLONS

NUMBER OF BEDROOMS 5

220 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 367

#### INSTALL:

1-1000 gallon pump chambers with single effluent pumps with controls and alarms.

Contractor to supply pump detail prior to issuance of septic permit.

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 110 from the rear lot line and 110 feet from the right lot line. Run trenches along contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/18/93 R14

1200 gallon tank

PLANS APPROVED BY C. Williams

DATE 1/09/90

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 42194

1/9/15/93  
SPM  
11:00  
1/9/16/93



# APPLICATION

PERCOLATION TESTING

A 42195

P \_\_\_\_\_

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

DISTRICT THIRD

DATE FEB 26, 1988

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 WM MITCHESON

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

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION MITCHESON PROPERTY ("SECOND DISCOUNT") LOT NO. 8 NEWTS <sup>(5)</sup>

ROAD AND DESCRIPTION OFF FOLLY QUARTER RD. MANYVALG CT.

TAX MAP 22 BLK 23 PARCEL # 44

SIZE OF LOT \_\_\_\_\_ 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.

(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR SHALLOW TRENCHES DATE 3/22/89

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

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

REASONS FOR REJECTION OR HOLDING SRI

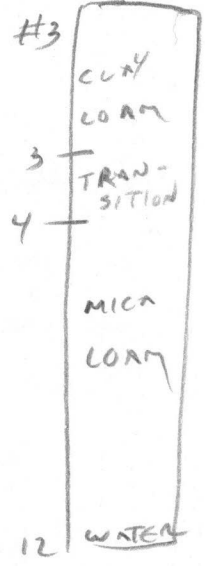
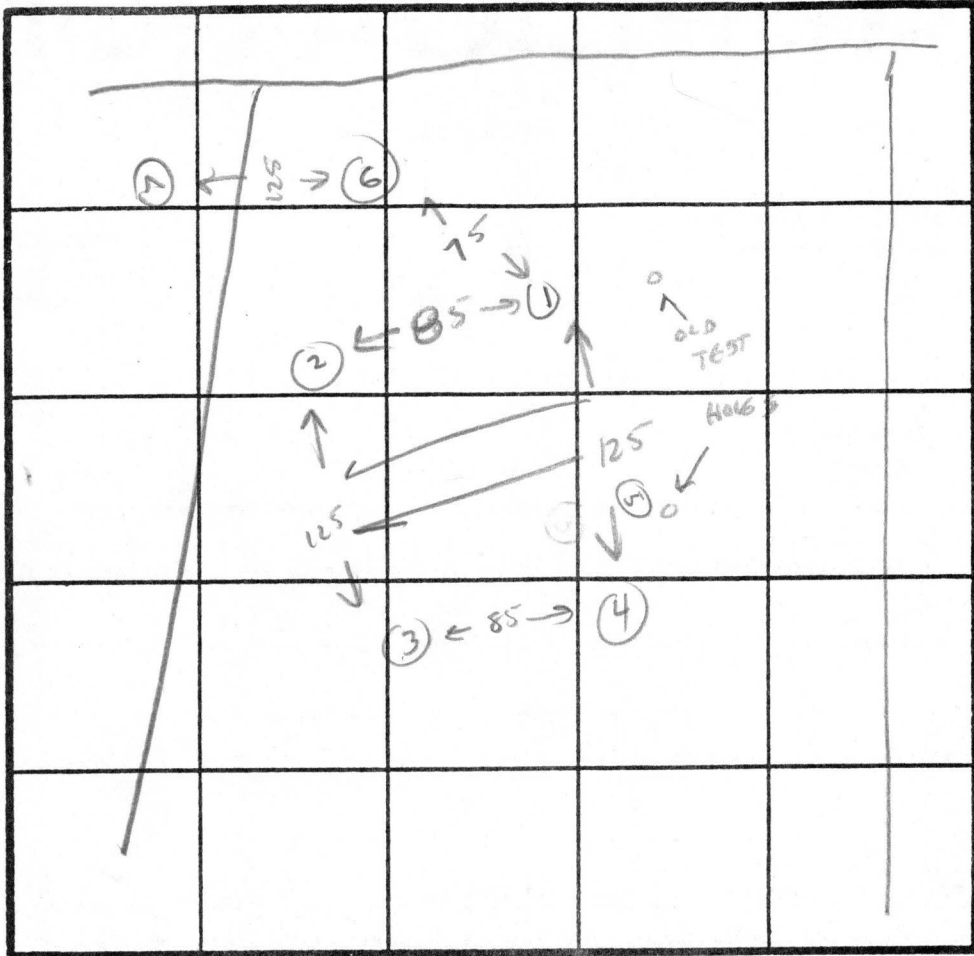
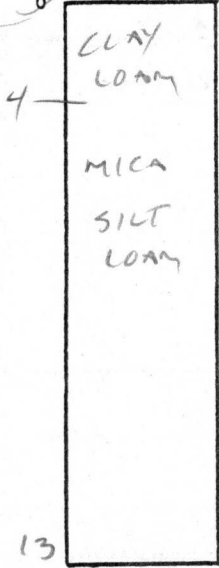
HD-216

# THIS IS NOT A PERMIT

LOT 15

# 2,617

SOIL PROFILE

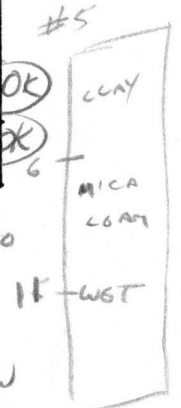
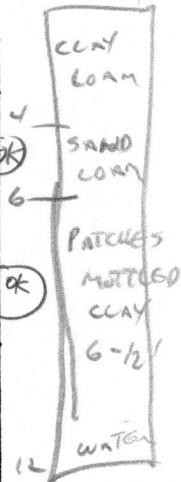


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

2,617

INVEST 4  
BOTTOM 6'  
12 MIN  
210 # BR

| DATE    | TEST NO. | DEPTH      | PRE-WET        |                        | TEST - 1' DROP |      | TIME   |
|---------|----------|------------|----------------|------------------------|----------------|------|--------|
|         |          |            | START          | STOP                   | START          | STOP |        |
| 3/22/89 | 1        | 5          | 12:53          | 1:01                   | 1:01           | 1:29 | 28 MIN |
|         |          | 12         | CLAY 6'        | MICA LOAM              |                |      |        |
|         | 2        | 4          | 2:20           | 2:26                   | 2:26           | 2:35 | 9 MIN  |
|         |          | 13         |                |                        |                |      |        |
|         | 3        | 3          | 12:52          |                        | SLOW           |      | FAILS  |
|         |          |            | WATER AT 12'   | VIS OK TO 11'          |                |      |        |
|         | 4        | CLAY TO 4' |                | MIXED CLAY & LOAM 6-11 |                |      | FAILS  |
|         | 5        | CLAY TO 6' |                | WET AT 11'             |                |      | FAILS  |
|         | 6        | 4'<br>13'  | 2:38<br>VIS OK | 2:43<br>4-13'          | 2:43<br>2:45   | 2:51 | 8 MIN  |
|         | 7        | 4'<br>13'  | VIS OK         | 4-13'                  |                |      |        |



REMARKS US6 1-2-6-7 RED DESIGN LOT / SEPTIC AREA TO BE 50X200

TYPE OF SOIL MICA LOAM SHALLOW SYSTEM ONLY - POSSIBLE WATER TABLE

TESTED BY CW Williams

ALSO PRESENT FLYCK, ATTACHED

# APPLICATION

PERCOLATION TESTING

A 42195  
P \_\_\_\_\_

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

DISTRICT Third  
DATE Feb., 26, 1988

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 William W. Aitcheson  
ADDRESS 12706 Folly Quarter Rd. Clarksville, Md. 21029 PHONE 301 596 9208

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:  
SUBDIVISION Aitcheson Property "Second Discovery" LOT NO 5 NEW 18  
ROAD AND DESCRIPTION Court 'A' (570' Off Folly Quarter Rd.) MANYVALE CT

TAX MAP 22 Blk 23 PARCEL # 44  
SIZE OF LOT 3.35 acres TYPE BLDG Single Family Dwg  
(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.

William W. Aitcheson  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

HOLD PENDING FURTHER TESTS SEE NEXT DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING SEE NEXT SHEET FOR ADJUSTED LAYOUT

HD-216

# THIS IS NOT A PERMIT

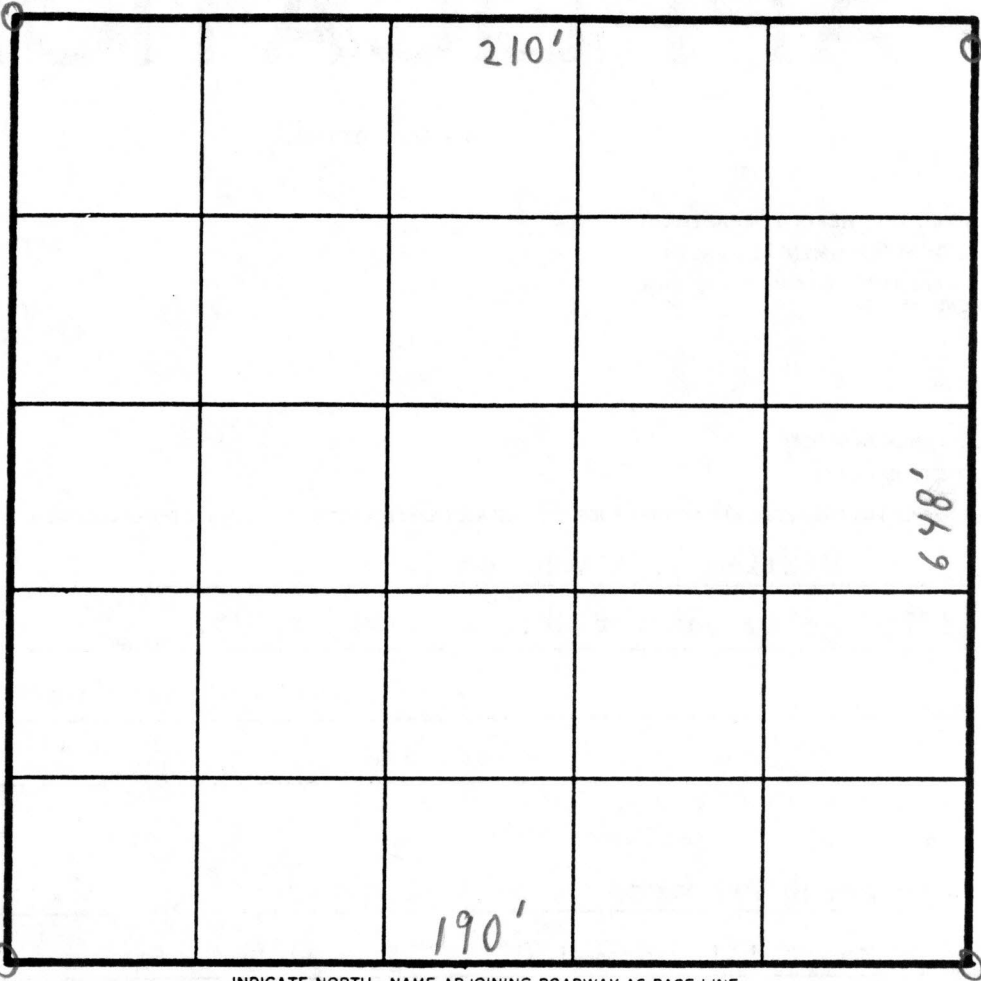
A42195

# 5

SOIL PROFILE

0'

598'



210'

648'

190'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

|     | DATE  | TEST NO. | DEPTH | PRE-WET |      | TEST - 1" DROP |      | TIME |
|-----|-------|----------|-------|---------|------|----------------|------|------|
|     |       |          |       | START   | STOP | START          | STOP |      |
| 1'- | 11/88 |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |
| 1'- |       |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |
| 1'- |       |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |
| 1'- |       |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |
|     |       |          | '     | :       | :    | :              | :    |      |

8/2/88

REMARKS NOT DUG - WET SEASON REQ'D TO DUG TO SURROUNDING WATER HOLES,

TYPE OF SOIL \_\_\_\_\_

TESTED BY C. Melin ALSO PRESENT AITCHESON, SKIP

# APPLICATION

PERCOLATION TESTING

A 42194  
P \_\_\_\_\_

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

DISTRICT Third

DATE Feb., 26, 1988

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 ~~William W. Aitchison~~ Eugene + Elizabeth Mele

ADDRESS 12706 Folly Quarter Rd., Clarksville, Md. PHONE 301 596 9208

PROSPECTIVE BUYER Eugene Elizabeth Mele 531-2706

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

PROPERTY LOCATION:

SUBDIVISION Aitchison Property "Second Discovery" LOT NO. 4 12736

ROAD AND DESCRIPTION Folly Quarter Rd. (behind Lot 3) MARYVALE CT

TAX MAP 22 Blk 23 PARCEL # 44

SIZE OF LOT 3.75 acres TYPE BLDG Single Family Dwg.  
(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.

W. W. Aitchison  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

HOLD PENDING FURTHER TESTS C. Williams - WGT 567500 REQ. D. DATE 8/2/88

REASONS FOR REJECTION OR HOLDING SEE NEXT SHEET FOR ADJUSTED LAYOUT / WGT SEASON TESTS.

BLDG. PERMIT SIGNED  
AND RETURNED 10/22/92  
Serial # 46475  
SFD - 5 Bedrooms

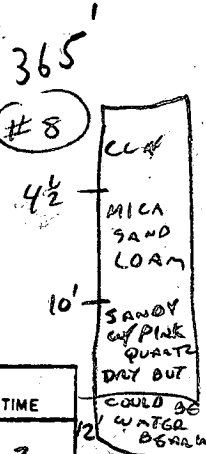
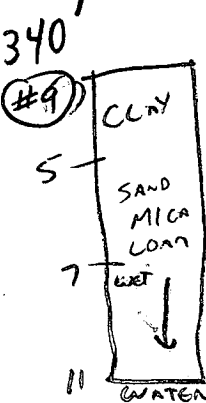
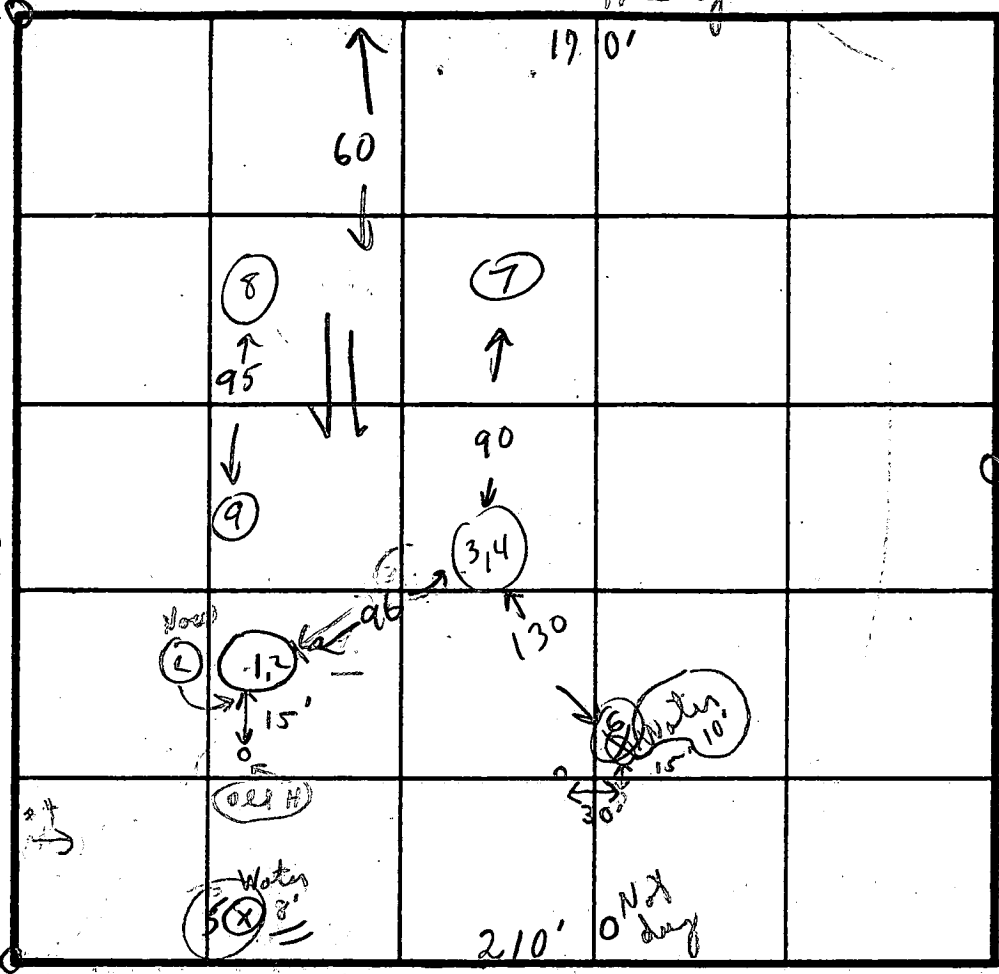
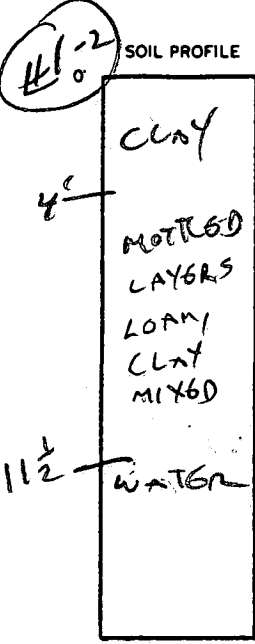
# THIS IS NOT A PERMIT

HD-216

A42194

Hedgerow

#4



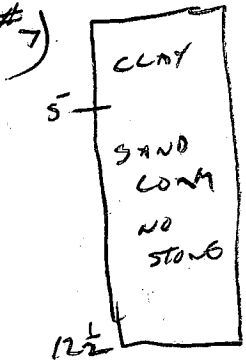
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

COURT "A"

SOIL PROFILE

- #1) 1' - 4' Clay
- #3) 1' - 3 1/2' Clay
- 3 1/2' - 12' Sandy loam
- #5) 1' - 4' CLAY
- 5' MOTTLED LOAM
- 8' WATER
- #6) 1' - 5' CLAY
- MOTTLED
- 5-10' LOAM + GRAY CLAY MOTTLED

| DATE   | TEST NO. | DEPTH   | PRE-WET  |              | TEST - 1" DROP  |                | TIME             |
|--------|----------|---------|----------|--------------|-----------------|----------------|------------------|
|        |          |         | START    | STOP         | START           | STOP           |                  |
| 8/2/88 | 17       | 4'      | 10:00    | 10:09        | 10:09           | 10:32          | 23               |
|        | 23       | 11' 8"  | ←; Water |              | MOTTLED TO 4-5' |                |                  |
|        | 37       | 3 1/2'  | 10:21    | 10:26        | 10:26           | 10:33          | 7 min            |
|        | 43       | 12'     |          |              |                 |                | usual sandy loam |
|        | 57       |         |          | WATER 8'     | MOTTLED         | AT 5'          | X                |
|        | 67       |         |          | WATER 9 1/2' | MOTTLED         | ABOVE          | X                |
|        | 77       | 4'      | 11:13    | 11:13        | 11:10           | 11:12          | 2 min            |
|        |          | 8'      | 11:08    | 11:10        | 11:10           | 11:12          | 2 min            |
|        |          | 12 1/2' |          | VIS OK       |                 |                |                  |
|        | 87       |         |          | CLAY TO 5'   | SUBJECT AT 7'   | WATER          | 11'              |
|        |          |         |          | NOT TEST     | CLAY            | WATER          |                  |
|        | 97       |         |          | NO TEST      | CLAY TO 5'      | WET LOAM AT 7' | WATER AT 10'     |



REMARKS: HOLD FOR BEST SEASON

TYPE OF SOIL: \_\_\_\_\_

TESTED BY: C. BO

ALSO PRESENT: \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 42194  
P \_\_\_\_\_

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

DISTRICT THIRD  
DATE FEB 26, 1988

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 WM AITCHESON

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

PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION: AITCHESON PROPERTY ("SECOND DISCOVERY") LOT NO. NEW 14

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP 22 BLK 23 PARCEL # 44

SIZE OF LOT \_\_\_\_\_ 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.

(SIGNATURE OF APPLICANT)

APPROVED BY Cwellia FOR SHALLOW TRENCHES DATE 3/22/89

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

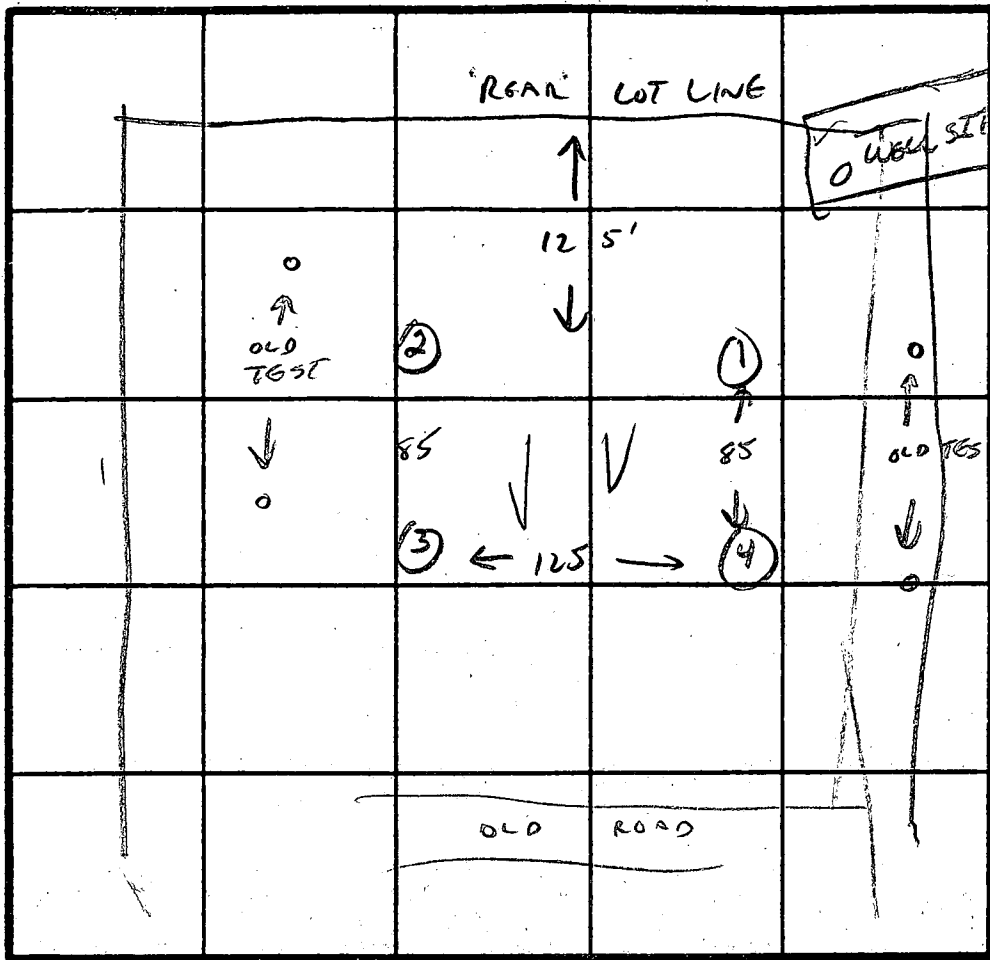
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

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

HD-216

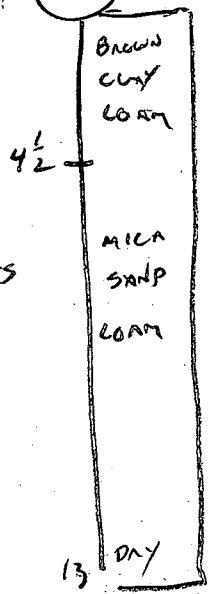
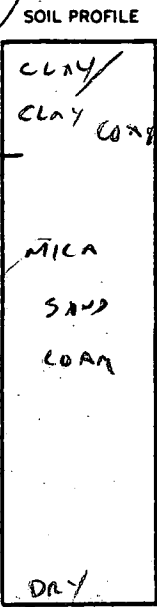
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LOT #14



#1

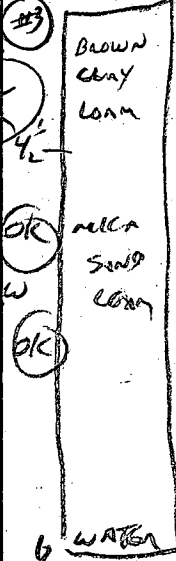
#2



JUST 4' MAX DEPTH 6' X 10 MIN 210 #3

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

#4



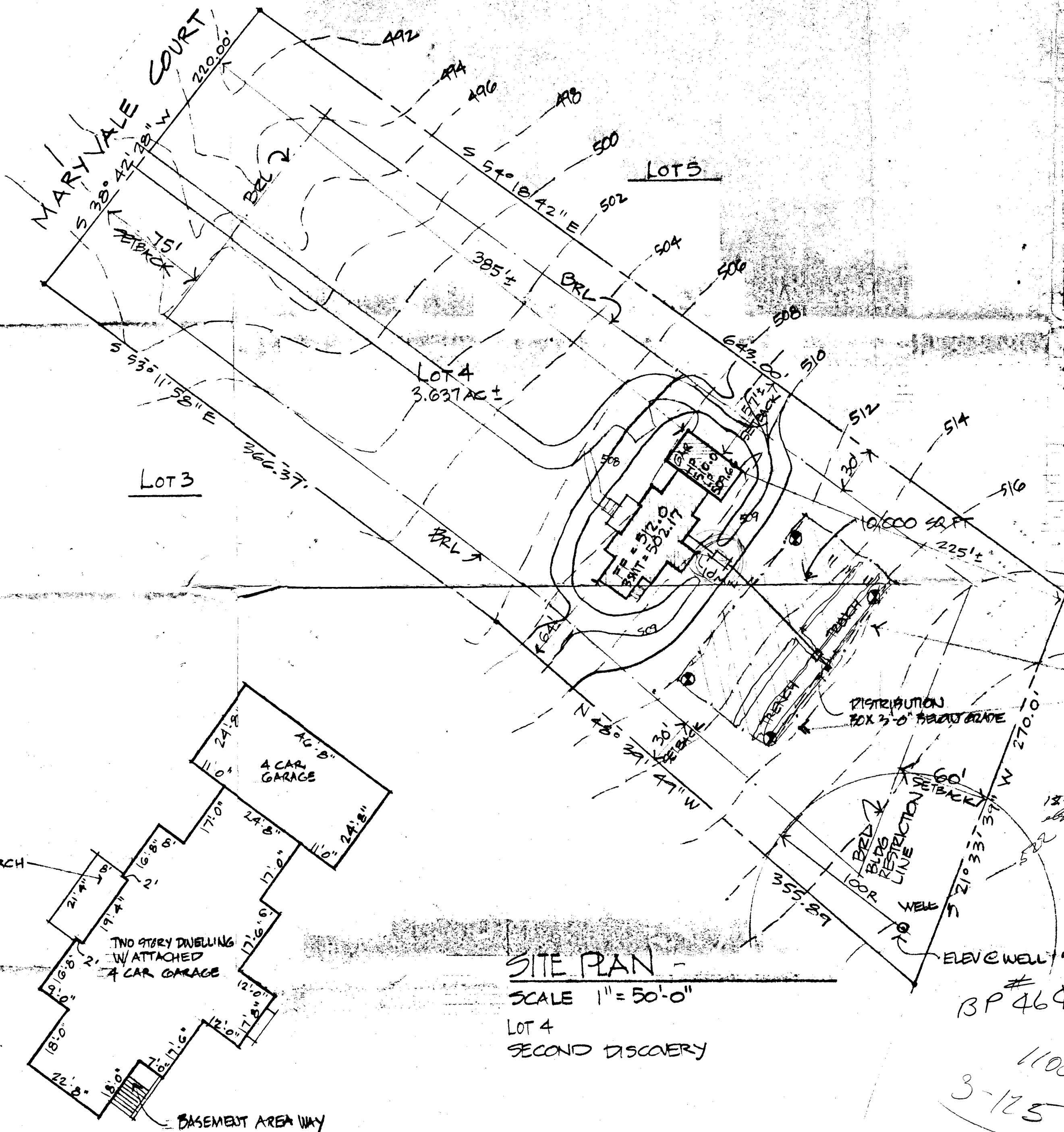
| DATE    | TEST NO. | DEPTH | PRE-WET |      | TEST - 1" DROP |                                 | TIME   |    |
|---------|----------|-------|---------|------|----------------|---------------------------------|--------|----|
|         |          |       | START   | STOP | START          | STOP                            |        |    |
| 3/22/89 | 1        | 5     | VIS     | OK   | LOAM           |                                 | OK     |    |
|         |          | 13    | VIS     | OK   | 5-11           | POSSIBLE H <sub>2</sub> O BELOW |        |    |
|         | 2        | 5     | 1:32    | 1:34 | 1:34           | 1:37                            | 3 MIN  | OK |
|         |          | 13    | VIS     | OK   | 5-11           | POSSIBLE H <sub>2</sub> O BELOW |        |    |
|         | 3        | 5     | 1:34    | 1:40 | 1:40           | 1:51                            | 11 MIN | OK |
|         |          | VIS   | OK      | 5-11 |                |                                 |        |    |
|         | 4        | 5     | VIS     | OK   | 5-11           | WATER AT 12'                    |        |    |
|         |          |       |         |      |                |                                 |        |    |
|         |          |       |         |      |                |                                 |        |    |

REMARKS NO ADJUSTMENT DOWNHILL - CLAY LAYER GETS HEAVIER AT LOW ELEVATIONS

TYPE OF SOIL MICA LOAM SHALLOW SYSTEM ONLY - POSSIBLE WATER TABLE

TESTED BY C. William

ALSO PRESENT FROCK, AITCHESON



**ELEVATIONS**

- FIRST FLOOR = 512.0
- BASEMENT = 502.17
- SANITARY @ EXIT = 508.0
- SEPTIC TANK
  - IN = 507.75
  - OUT = 507.50
- DISTRIBUTION BOX = 513.0 \*

\* EJECTED FROM PUMP CHAMBER ELEVATION DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE BY HOWARD COUNTY 518

SEPTIC SYSTEM IN ACCORDANCE WITH HOWARD COUNTY REQUIREMENTS

**NOTE!**

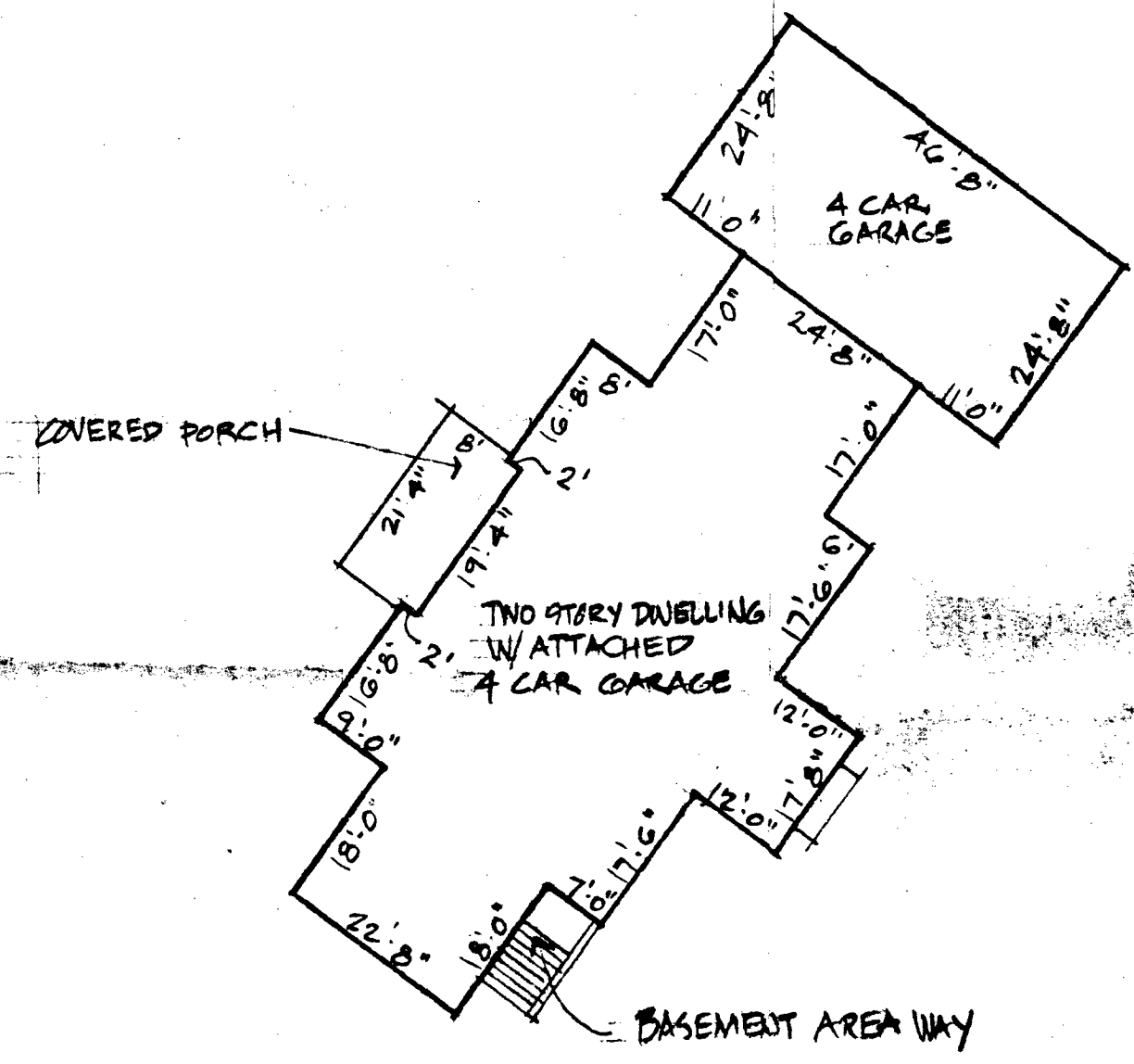
TRENCH LENGTH DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE BY HOWARD COUNTY DEPT OF ENVIRONMENTAL HEALTH. TRENCH 3' WIDE INLET 4' BELOW GRADE BOTTOM 6' BELOW ORIG. GR. - 2' OF STONE BELOW DIST. PIPE - 220 SQ FT / BEDRM

**SITE PLAN**

SCALE 1" = 50'-0"

LOT 4  
SECOND DISCOVERY

**DWELLING PLAN** scale 1" = 20'-0"



**MELE RESIDENCE**  
LOT 4  
SECOND DISCOVERY  
HOWARD COUNTY, MARYLAND

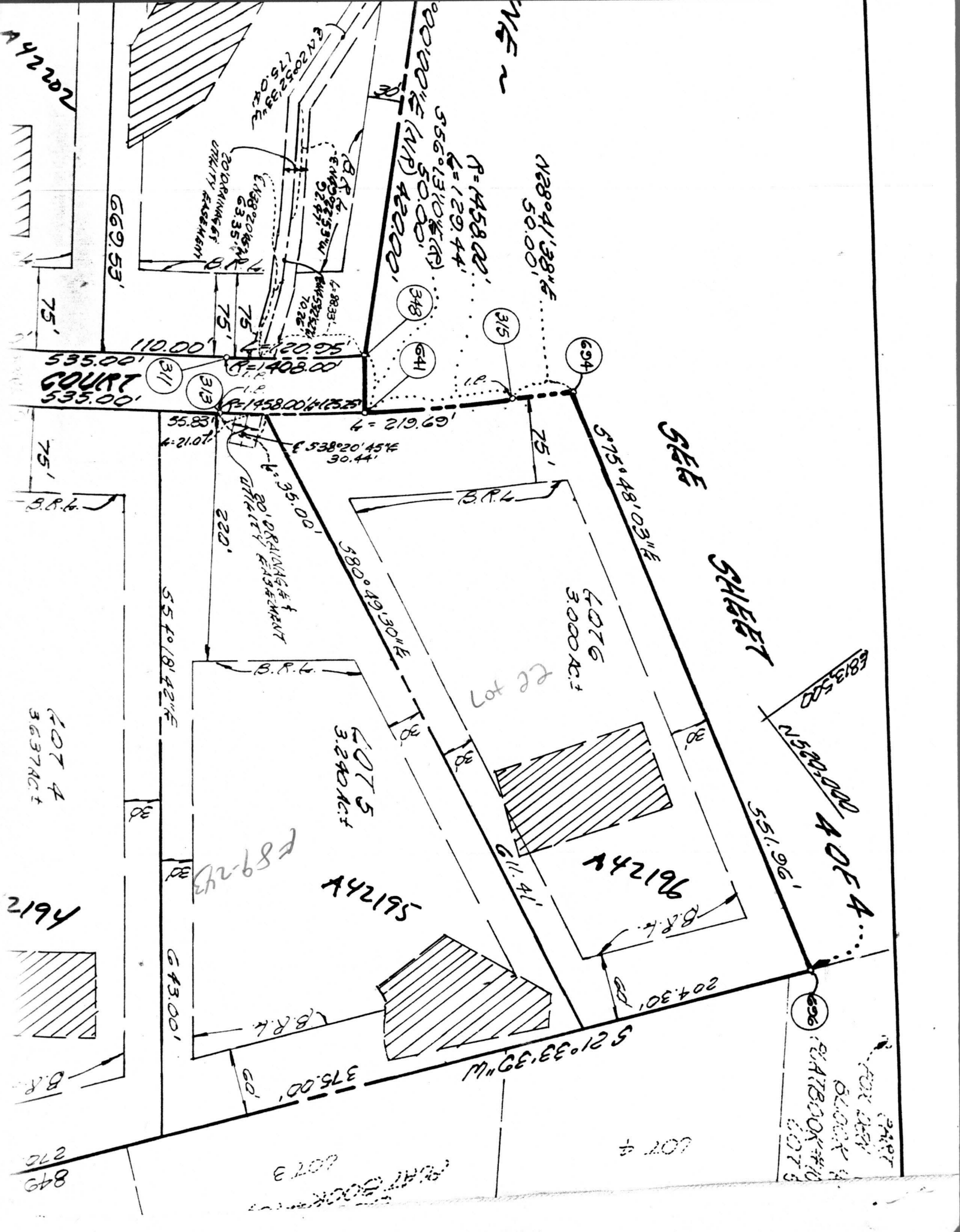
Stan Ryder Jr. & Associates  
Architects  
8308 Liberty Road • Baltimore, MD 21207  
(410) 521-2367 Fax (410) 521-2464

ARCHITECTURAL REGISTRATION BOARD  
3326-A  
DEC 4 1992  
**SPI**

BP 46475  
1100 #  
3-125

12-22-92  
also attached to  
consultation





A 42202

669.53'

75'

75'

75'

75'

75'

75'

75'

75'

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

669.53'

75'

75'

75'

75'

75'

75'

75'

75'

535.00'

535.00'

535.00'

535.00'

535.00'

535.00'

535.00'

535.00'

535.00'

556°13'10" E 50.00' (NP) 420.00'

556°13'10" E 50.00' (NP) 420.00'

556°13'10" E 50.00' (NP) 420.00'

556°13'10" E 50.00' (NP) 420.00'

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556°13'10" E 50.00' (NP) 420.00'

R=1458.00' L=129.44'

R=1458.00' L=129.44'

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R=1458.00' L=129.44'

R=1458.00' L=129.44'

1289°41'38" E 50.00'

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575°48'03" E 575.48'03"

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COURT

SEE SHEET

LOT 6 3,000 AC.±

LOT 5 3,240 AC.±

LOT 4 3,637 AC.±

2194

A42195

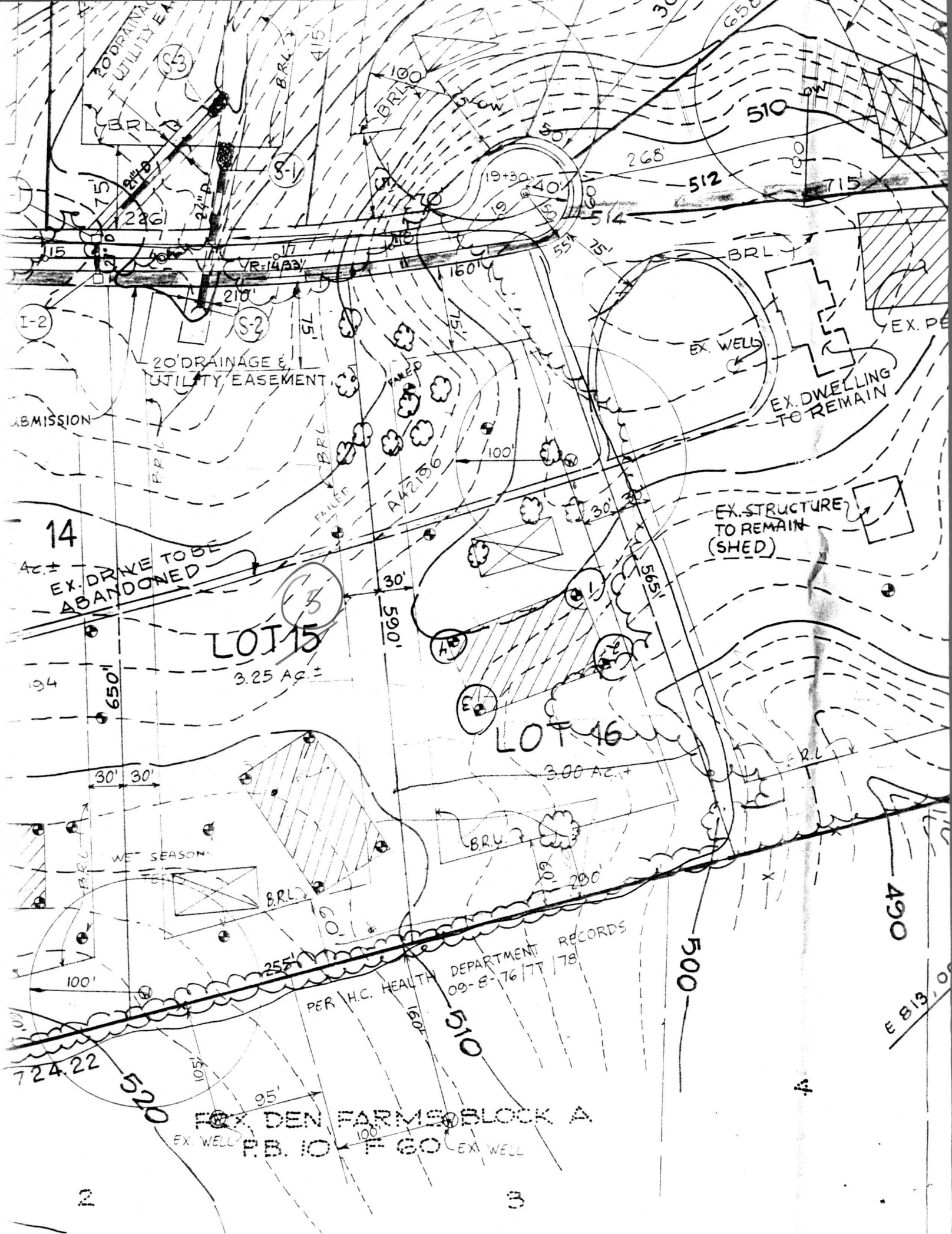
A42196

2497 FOR 2501 BLOCK 9 PATBOOK #10 LOT 5

849

PATBOOK #10 LOT 3

LOT 4



20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE & UTILITY EASEMENT

14  
Ac.±  
EX. DRIVE TO BE ABANDONED

LOT 15  
3.25 Ac.±

LOT 16  
3.00 Ac.±

PER H.C. HEALTH DEPARTMENT RECORDS 09-8-76/77/78

FOX DEN FARMS BLOCK A  
F.B. 10 F 60 EX. WELL

EX. DWELLING TO REMAIN

EX. STRUCTURE TO REMAIN (SHED)

ADMISSION

EX. PE

I-2

S-2

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AB

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C1 **1299** SEQUENCE NO. (DENV. USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND**  
**WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A42194**

ST/CO USE ONLY  
 DATE Received [ ] [ ] [ ] [ ] [ ] [ ]  
 DATE WELL COMPLETED **011890**

Depth of Well **115**  
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
**40-88-1157**

OWNER **Second Discovery Ltd. Partnership**  
 last name **Marviale** first name **Cy** TOWN **Glenn**  
 STREET OR RFD. **SECTION 2 LOT 4**  
 SUBDIVISION **SECOND DISCOVERY**

**WELL LOG**  
 Not required for driven wells

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

| DESCRIPTION (Use additional sheets if needed) | FEET |     | Check if water bearing |
|---|------|-----|------------------------|
|   | FROM | TO  |                        |
| Top Soil                                      | 0    | 2   |                        |
| Shale   | 2    | 25  | ✓                      |
| M. KA   | 25   | 35  |                        |
| Sandstone                                     | 35   | 40  | ✓                      |
| M. KA   | 40   | 90  |                        |
| Sandstone                                     | 90   | 95  | ✓                      |
| M. KA   | 95   | 165 |                        |

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED  YES  NO  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **7** NO. OF POUNDS **762**  
 GALLONS OF WATER **42**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **2** ft. to **23** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE  PL  
 Nominal diameter top (main) casing (nearest inch) **4**  
 Total depth of main casing (nearest foot) **21**

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST STEEL  BR BRASS  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN 1 **4** 2 **11** 3 **13** 4 **4**  
 S C R E E N 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN [ ] (NEAREST INCH)  
 from [ ] to [ ]

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

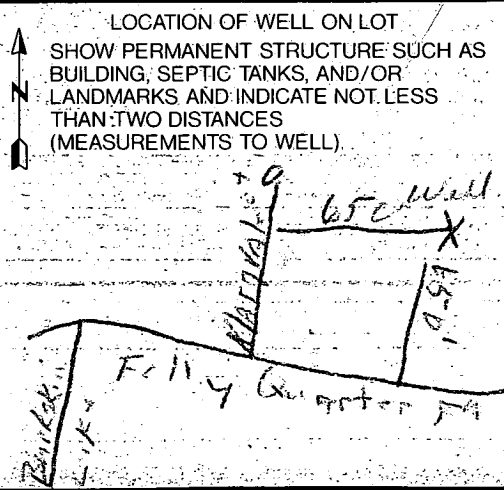
DRILLERS IDENT. NO. **153**  
 DRILLERS SIGNATURE **[Signature]**  
 (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (Sign of Driller or journeyman responsible for sitework if different from permittee) **[Signature]**

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.) 70 [ ] 72 [ ] W Q 74 75 76 [ ] [ ] [ ]  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **25** WHEN PUMPING **30**  
 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)  above  below LAND SURFACE [ ] (nearest foot)



B 1 **5367** SEQUENCE NO. (DP. USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

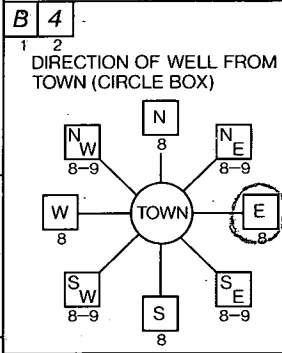
STATE OF MARYLAND  
PERMIT TO DRILL WELL  
please print or type

STATE-PERMIT NUMBER  
**HD-88-1157**  
fill in this form completely.

Date Received (APA) **122889**  
OWNER INFORMATION  
**Spe Dis Ltd Partner**  
15 Last Name Owner First Name 34  
**8327 Main Street**  
36 Street or RFD 55  
**Edgewater City Md 21043**  
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD** 8 COUNTY 21  
**Second Discovery** 23 SUBDIVISION 42  
SECTION **1** 44 46 LOT **04** 48 50  
**Genevly** 52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) **1** 73 **MI** 76 77 78

DRILLER INFORMATION  
**Frank Delph** 77 License No. **452**  
Driller's Name  
**Frank Delph Well Drillers Inc**  
Firm Name  
**18234 Penn Shop Rd Mt Airy Md.**  
Address  
**Frank Delph** 12/19/89  
Signature Date



**Maryvale Court** 11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH N  
WEST W  
EAST E  
SOUTH S  
34 **150** 37 DISTANCE FROM ROAD  
ENTER FT or MI **FT** 38 39

B 2 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)  
 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  
**A42194** COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S  
DATE ISSUED **01/18/90** **Mark E. Kellum** 7/18/90  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **520000** EAST GRID **0813000**  
50 55 57 63

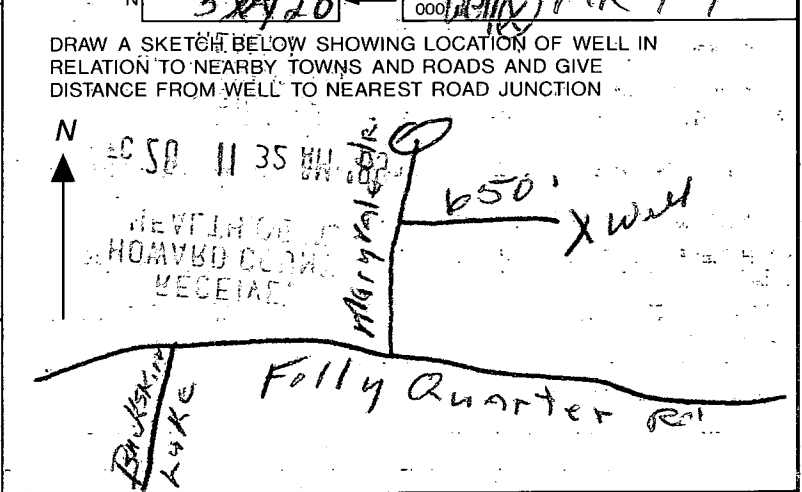
APPROXIMATE DEPTH OF WELL **300** 24 FEET 28

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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 \_\_\_\_\_

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  
E **1813**  
N **5200**  
000 000  
**1/18/90 GROUT NOT OBS'D**  
**31' CASING**  
**27' OPEN**  
**7 BAGS**  
**2' CASING A.G.**  
**MR 1/18/90**

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  
39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52



Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_ 54 63  
FORCE **MD** WRITE INITIALS IN BOX PERMIT No. **HD-88-1157**  
67 68 70 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

# FILE INQUIRY FORM

Property Address: 12736 Maryvale Ct Lot 21  
second discovery

Prop. Pool @ lower end of SDA  
Advised Applicant to show pool + 20' sep.  
and add ~~the~~ septic area @ top of hill  
maintain 10' to tank  
No overt problems expected

(PIL) 5/14/04