

8/18/94  
1:30  
9/20/94  
10:00  
9/26/94  
ASAP

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50224

A REPAIR

DISTRICT \_\_\_\_\_

DATE 8/19/94

DATE SYSTEM APPROVED 4/21/95

INSPECTOR M. R. P. Kin

INDEXED

03-29139

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~X61893~~ 313-2640

Jonathan Follmer-Follmer Construction

IS PERMITTED TO INSTALL

ALTER

ADDRESS 835 Day Road, Sykesville, Maryland 21784

PHONE 442-1541

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ ROAD 12044 Frederick Road

PROPERTY OWNER Mazor Jerry & Michelle Rader PHONE: 531-6182

ADDRESS Robert Schelhaase 12302 Farmfield Road, Monrovia, MD 21770

SEPTIC TANK CAPACITY 1250 GALLONS MIN. 1000 GAL PUMP PIT

NUMBER OF BEDROOMS 4 (3+ADDITION) W/ ONE OR TWO EFFLUENT PUMPS

180 SQUARE FEET PER BEDROOM AND ALARM

LINEAR FEET OF TRENCH REQUIRED 240

REPAIR: PURPOSE - To evaluate the condition and location of existing septic system.

CALL FOR INSPECTION WHEN GROUND IS OPENED AND SANITARIAN WILL RECOMMEND REPAIR SYSTEM.

INLET 2' BOTTOM 5' 3' STONE INITIAL SYSTEM

2 TRENCHES 120' LONG, 2' WIDE, D.B. @ HIGH EDGE

TRENCHES ALONG LOW SIDE OF SDA

REPAIRS: 2-120' TRENCHES EACH

MR 8/26/94

PLANS APPROVED BY Mark Rifkin

DATE 8/18/94

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

BLDG. PERMIT SKIN'D

AND RETURNED 5-25-99

PERMIT VOID AFTER TWO YEARS

Serial # B70116752

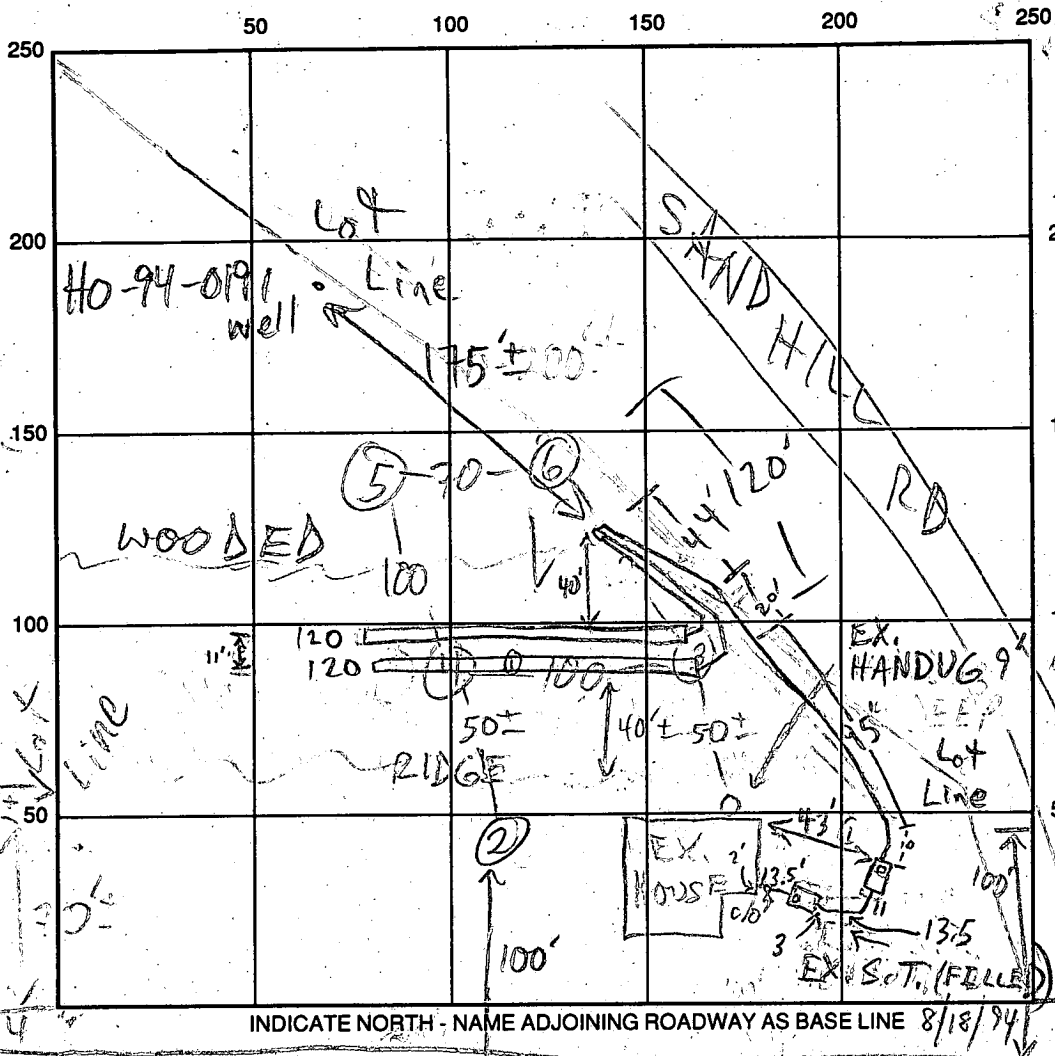
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

detached garage

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

AP 50224



red brn sil m  
sol mica loam  
WATER ENTERING  
and/or wet mica loam  
EX. SAND AND DUG  
HOUSE  
SEP

brn sa c l m  
tan gray  
brn sa l m  
5-2090  
hard & soft sandstone  
Frag 95  
13 1/2

SEPTIC TANK LEVEL 1500 S.T. 1000 P.C. CLEANOUTS \_\_\_\_\_  
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 1 1/2 / 5/5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 / 2 FT.  
 EFFECTIVE GRAVEL DEPTH 1 1/2 / 3/3 FT. TOTAL LENGTH 2 @ 120 FT.  
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 2 @ 360 SQ. FT.  
 DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 ABSORBENT AREA 720 SQ. FT.

REMARKS: 8/18/94 PERC AREA EST'D EX. CINDER BLOCK TANK COLLAPSED  
8/31/94 1500 GAL S.T. 1000 GAL P.C. SET - OK TO COVER; TAR  
INSIDE TANKS MR 9/26/94 OK TO STONE ① TRENCH; DIG  
② TRENCH MR 9/28/94 OK TO COVER TRENCHES & LINES;  
NEED PUMP INSP & CEMENT @ 2" LINE INTO P.C. MR  
4/21/95 PUMP & ALARM OPERATION OK MR  
 DATE SYSTEM APPROVED 4/21/95 INSPECTOR M. Ripkin



1/2" OR 5/32" E 1980 FOOT LONG DESCRIBED IN DEED 132/486

915.40 PLAT DISTANCE HOLD (CMP. 4049) (CMP. 0647)

PHILIP DEITZ JR. 251/427

I HEREBY CERTIFY THAT I HAVE MADE A TRANSIT TAPE SURVEY OF THE PROPERTIES SHOWN HEREON FOR THE PURPOSE OF ESTABLISHING BOUNDARY LINES AND HAVE FOUND THE INFORMATION SHOWN HERE TO BE CORRECT.

6-10-94 John C. Mellema Sr. DATE JOHN C. MELLEMA SR.

BOUNDARY & LOCATION SURVEY

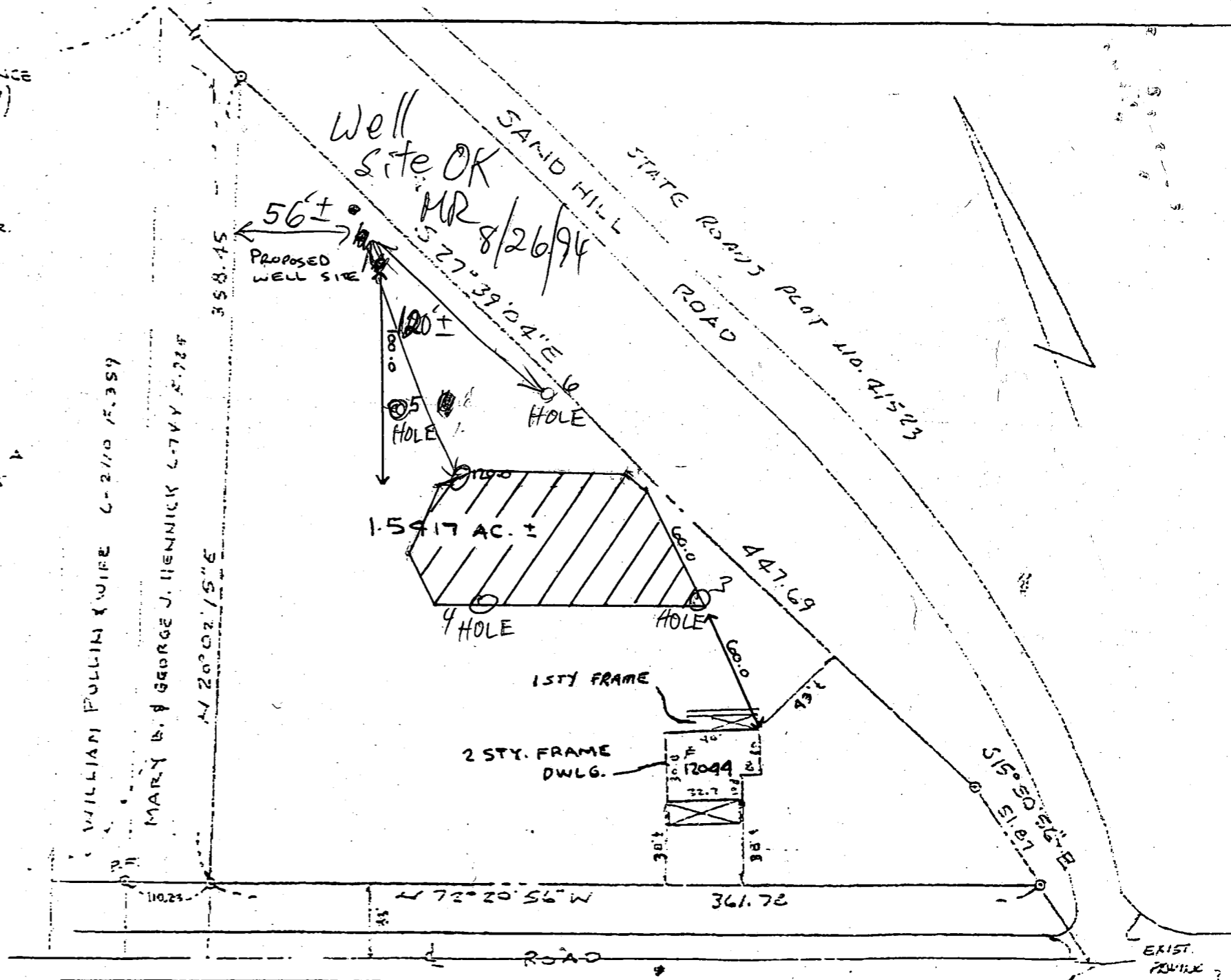
12044 FREDERICK RD.

HOWARD CO. MARYLAND

SCALE: 1"=60' JUNE, 1994

DEED REF. 291/49

PREPARED BY JOHN C. MELLEMA SR. INC. 5409 EAST DR. BALTIMORE, MARYLAND 21227



FREDERICK ROAD (MD. RTE. 144) (66' R/W)

C1 4544

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER P50224

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 090994

Depth of Well 400 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-0191

OWNER Rader last name 12044 Frederick Rd first name Michelle TOWN W. Friendship

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 (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include top soil, shale, sand, shale, brown mica, and tan mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 21 NO. OF POUNDS 2700

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

MAIN CASING TYPE S D Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 157

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

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

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED yes (Y) no (X)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE George F. Eusterman

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) 40 157 400

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

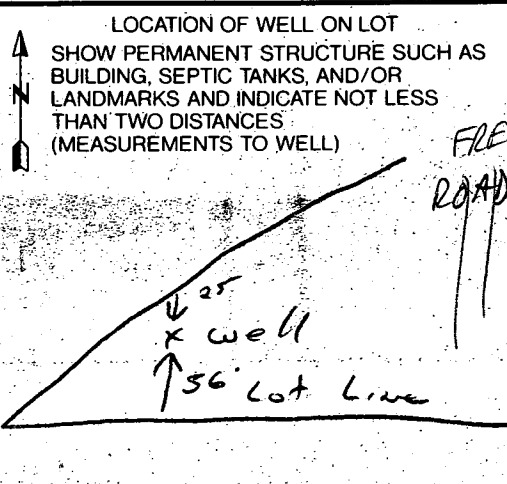
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W.Q. TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 400 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 2 (nearest foot)



B 1 **07790** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

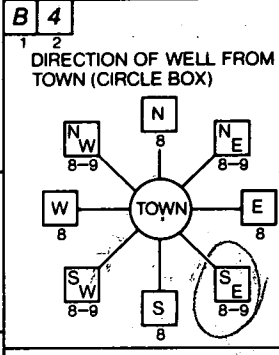
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
**HA-94-0191**  
 fill in this form completely

Date Received (APA) **082244**  
**OWNER INFORMATION**  
**RADER MICHAEL**  
 15 Last Name 13 Owner 11 First Name 34  
**12302 PARKFIELD RD**  
 36 Street or RFD 55  
**MONROVIA MD 21770**  
 57 Town 70 State 72 Zip 76

B 3 **LOCATION OF WELL**  
**Howard**  
 8 COUNTY 21  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT 48 50  
**WEST FRIENDSHIP**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **2 MI**  
 73 76 77 78

**DRILLER INFORMATION**  
**George F. Easterday**  
 40  
 Driller's Name 77 License No. 80  
**L. Franklin Easterday, Inc.**  
 Firm Name  
**9265 Brown Church Rd., Mt. Airy, Md. 21771**  
 Address  
**George F. Easterday** 7/19/94  
 Signature Date



**12044** NEAR WHAT ROAD 30  
 NORTH  
 WEST EAST SOUTH  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **300**  
 ENTER FT or MI **FT**

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  
**P50224** COUNTY NO.  
 STATE SIGNATURE  
 DATE ISSUED **082694** **Mark E. Kilkin** 8/26/95  
 NORTH GRID **534000** EAST GRID **0820000**

APPROXIMATE DEPTH OF WELL **300** FEET

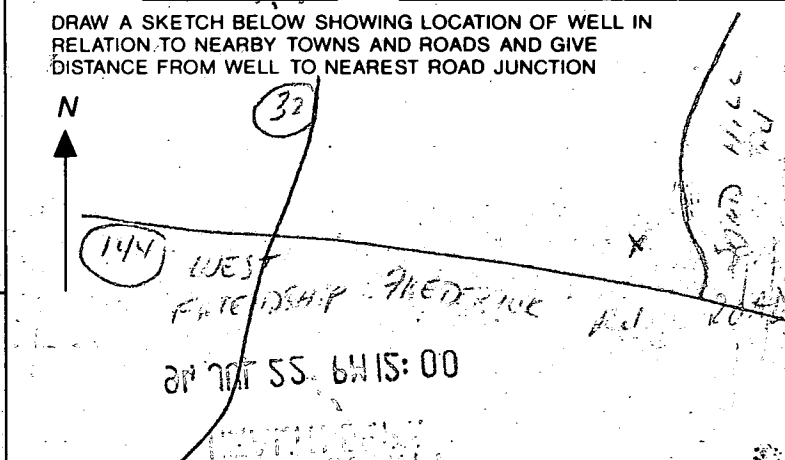
APPROXIMATE DIAMETER OF WELL **6** INCH

**METHOD OF DRILLING (circle one)**  
 BORED (or Augered)  JETTED  Jettied & DRIVEN   
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)   
 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  
**32**

**9/9/94 NOON**  
**No Insp**

**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  
 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 (OEP USE ONLY)  
 APPROP. PERMIT NUMBER **GAP**  
 FORCE **112** PERMIT No. **HA-94-0191**

SPECIAL CONDITIONS  
**Mrs./Mr. Rader 831-9184 410-715-2000 800-918-4358**

HOWARD ALPHA, INC.  
726/335  
50.00A.  
P. 377

MARION HARLES &  
CLYDE D. PENDLETON T/C  
792/705  
156.26A.  
P. 3

HOWARD ALPHA,  
INC.  
1067/272  
60.37A.  
P. 155  
10F2

20F2  
P/O  
P. 155

SAND HILL

40

NKK  
PLAKOTORIS  
658/431  
R66  
12.04A.

ROBERT J. LOVELESS,  
ET AL.  
459/519  
33.39 A.  
P. 5

JOHN C  
CALHOUN  
802/765  
5.53A  
P. 149

Map 16  
Grid 13  
Pat. 27

P392

P389

P384

P385

P389

PAUL  
O. WEBB  
697/304  
5.48A  
P. 304

P378

HENRY L. CRAWFORD  
269/443 6.4A  
IRA GRAY JR.  
316/367 4.98A.  
R68  
R69

P. 291

P. 290

P. 292

P391

MARIE  
P. 188

JAMES R.  
THOMAS  
221/287  
20.76A.  
R. 6

P388

12044  
Fred.  
Rd

15

LINDY  
L. DELL  
468/8  
9.00A.  
P. 115  
P. 33

PHILIP  
DEITZ  
251/487  
29.31A  
P. 23

SAUNDERS  
531/513  
5.00A.  
P. 270

WM. E.  
SAUNDERS  
468/353  
13.53A.  
P. 29

DENNIS OZ  
WHITTAKER  
508/205  
8.04 A.  
P. 260

SEOUNG  
H. YOO  
646/52  
5.15A.  
P. 296

H.P.  
RIEGER  
814/418  
5.24A.  
P. 297

L.K.  
GRABILL  
652/204  
5.80A.  
P. 298

MAP 15  
P. 227

MAP 15  
P. 393

P. 87

P. 265

P. 296

P. 299

P. 300

P. 300

00H-10-24 FRI 11:08 JOHN C. MELLEMA



1 ST OR 5 2' E 1980 FOOT LINE  
DESCRIBED IN DEED 137/496

PLAT DISTANCE  
HOLD (COMP. 4044)  
(COMP. 4647)

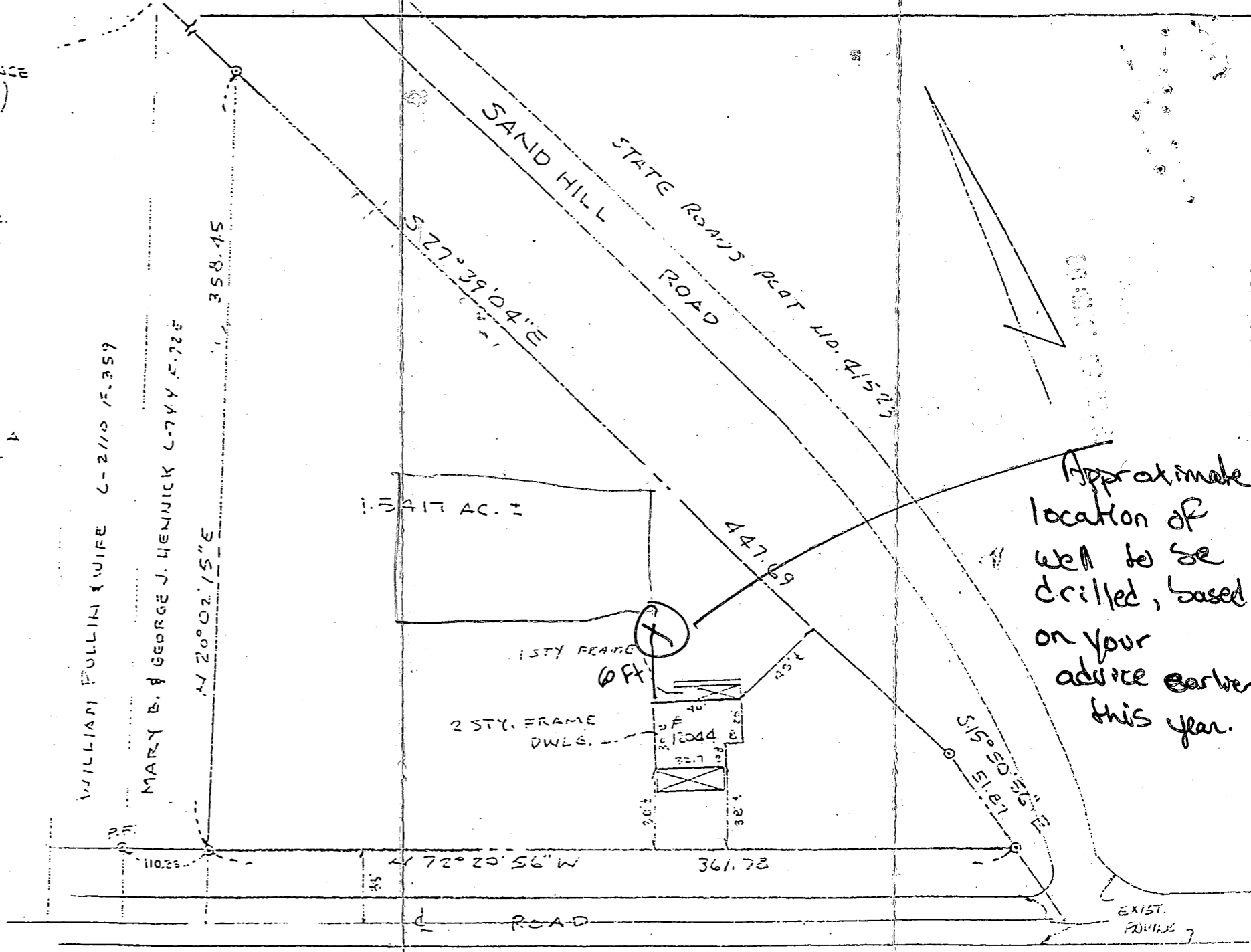
PHILIP REITZ JR.  
251/427

I HEREBY CERTIFY THAT I HAVE MADE A  
TRANSIT TAPE SURVEY OF THE PROPERTIES  
SHOWN HEREON FOR THE PURPOSE OF  
ESTABLISHING BOUNDARY LINES AND HAVE  
FOUND THE INFORMATION SHOWN HERE  
TO BE CORRECT.

6-10-94 *John C. Mellema Sr.*  
DATE JOHN C. MELLEMA SR.

BOUNDARY & LOCATION SURVEY  
12044 FREDERICK RD.  
HOWARD CO. MARYLAND  
SCALE: 1"=60' JUNE, 1994  
DEED REF. 291/49

PREPARED BY  
JOHN C. MELLEMA SR. INC.  
5409 EAST DR.  
BALTIMORE, MARYLAND 21237  
707-7488 FAX 247-2507



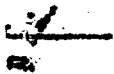
Approximate  
location of  
well to be  
drilled, based  
on your  
advice earlier  
this year.

FREDERICK ROAD (MD. RTE. 144)  
(66' R/W)

PLAT DISTANCE  
D (CMP. 4044)  
(CMP. 26-97)

17 DEITZ JR.  
251/627

AVE MADE A  
PROPERTIES  
USE OF  
AND HAVE  
N HERE

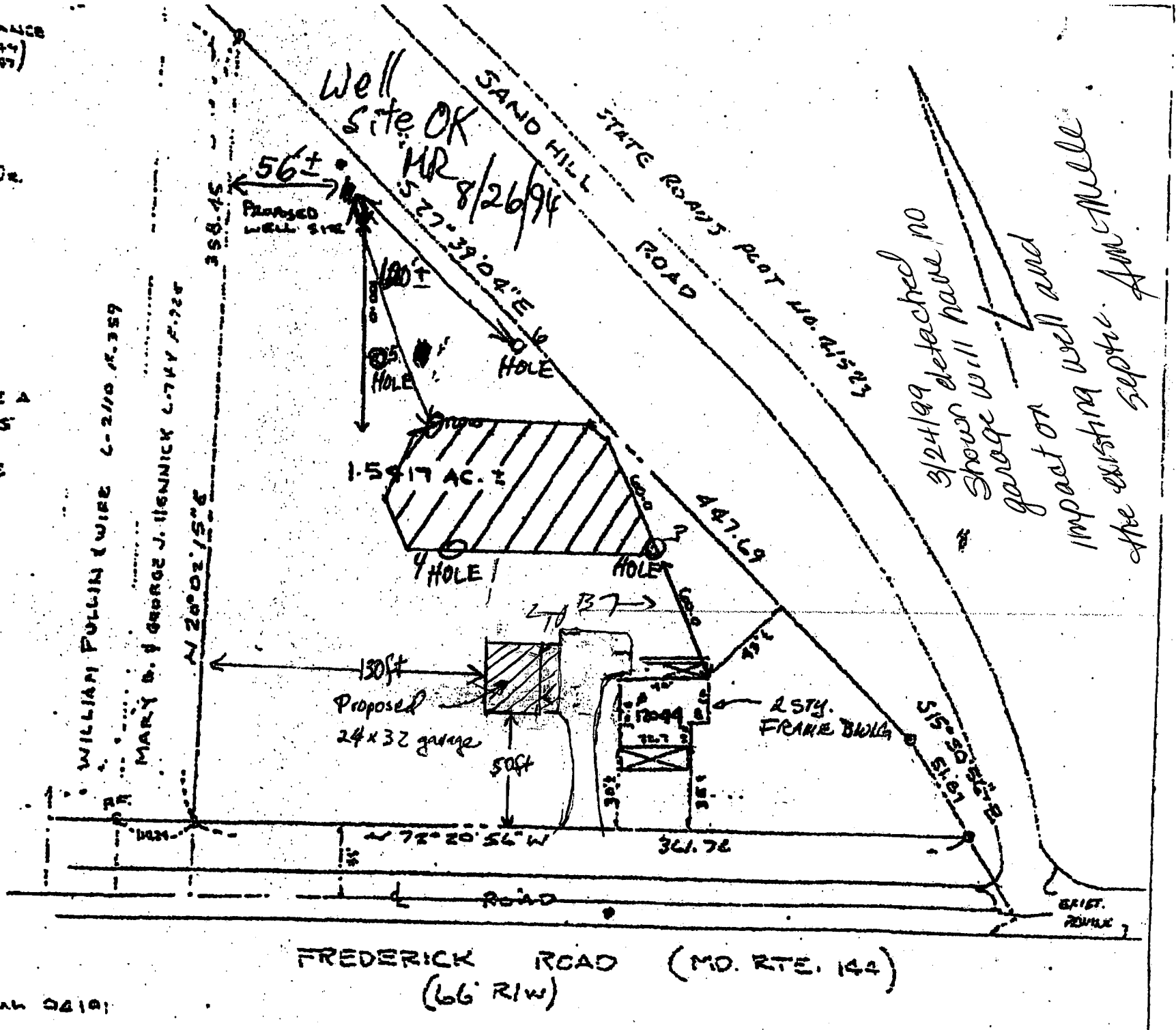


VIEW

1994

7

100 AN 04101



WILLIAM PULLIN (WIFE) C-2110 R. 359

MARY D. & GEORGE J. HENNING C-774 F. 724

FREDERICK ROAD (MD. RTE. 144)  
(66' R/W)

3/23/99  
Please ATTENTION

Mrs Avis. L. Corbin, Chief.

Dept. Zoning

50224

Submit Revised

Drawing Permit # B00116752 - 12044 Frederick Rd

Due to changed set Back from

Rt 144

Set Back Total 90 feet.

from center RT 144

3/30/99

Plan submitted did not show a revised location for the garage - left message w/ Avis for further explanation  
AW

Robert Schelhaase  
Versitule Contracting

3/22/99

Health Dept  
DPZ

