

11/5/93 ASAP

Tax ID -02-360729

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48613

A 45095

DISTRICT \_\_\_\_\_

DATE 10/23/92

DATE SYSTEM APPROVED 1/8/93

INSPECTOR M. Rifkin

# INDEXED

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

~~X451-9933~~ 313-2640

Bill Sunell IS PERMITTED TO INSTALL  ALTER

ADDRESS 8543 Old Frederick Road, Ellicott City, Md 21043 PHONE 465-1252

SUBDIVISION Kefauver Property LOT 2 ROAD 8521 Old Frederick Road

PROPERTY OWNER Walter Wilkerson

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

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 ing from the intersection of the 161.92' and the 211.07' lot lines, place the distribution box 80 feet down the 161.92' lot line and 150 feet off the same lot line. Run trenches on 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 9/11/92 RH

PLANS APPROVED BY Mark Rifkin REVISED DATE 11/26/91

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

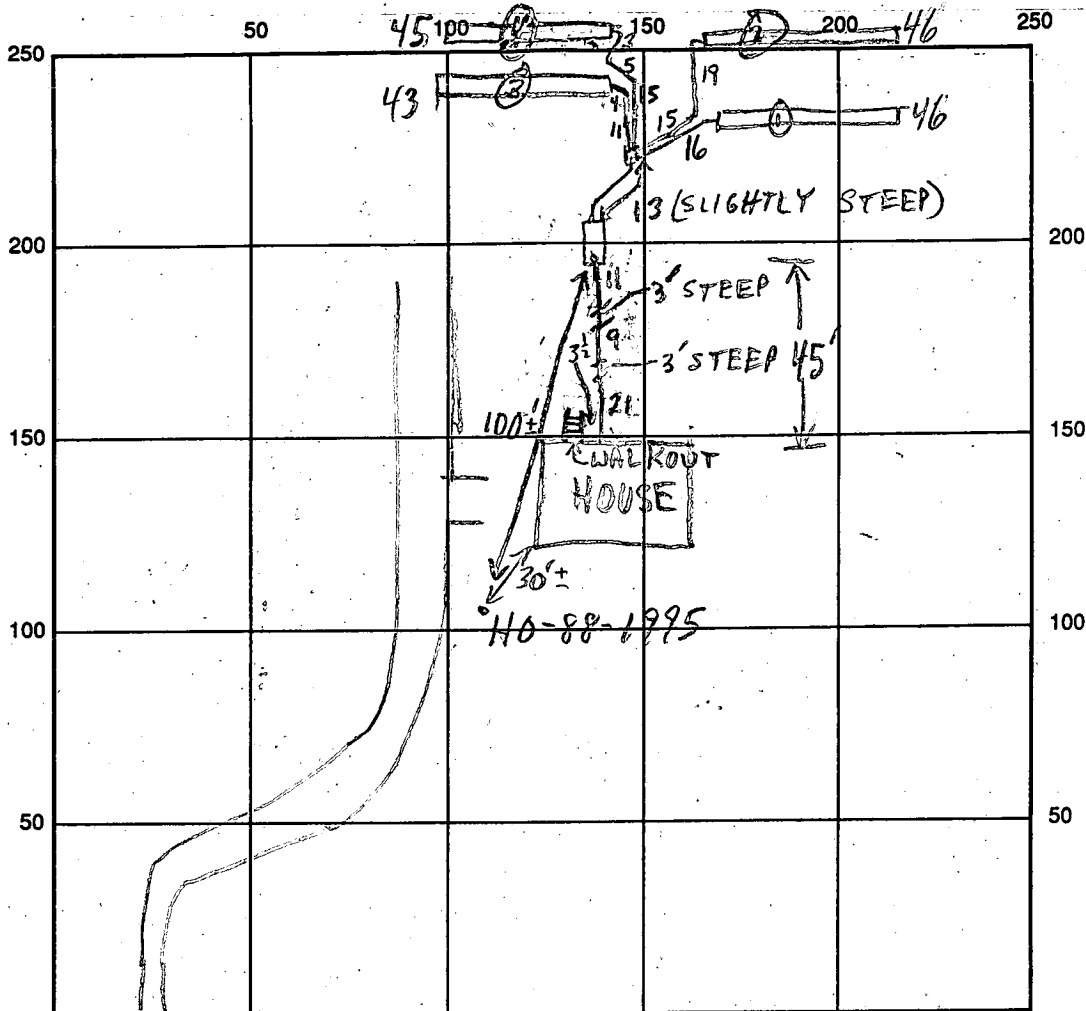
PERMIT VOID AFTER TWO YEARS

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  
45095



OLD FRED. RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL? -OK CLEANOUTS S.T. -OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 1/2 2/3 3/4 FT.

EFFECTIVE GRAVEL DEPTH 2 1/2 - 3 FT. TOTAL LENGTH 46 46 43 45 FT.

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ / BOTTOM AREA 1138 1388 129 135 SQ. FT.

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

ABSORBENT AREA 540 SQ. FT.

REMARKS: 1/5/93 #1 NO ONE PRESENT; 10' BEFORE S.T. SLOPED, 10' BEFORE D.B. SLOPED, NO PAPER, PERF PIPE ONLY 2-HOLE TYPE; NO STONE OVER ANY TRENCH PIPE, TRENCH 2 SATURATED w/ SAND FOR 5-10'; STOP WORK ORDER GIVEN MR 1/5/93 #2 T/C w/INSTALLER, CORRECTIONS FORTHCOMING MR

1/8/93 ALL PROBLEMS FIXED, WORK OK TO COVER

DATE SYSTEM APPROVED 1/8/93 INSPECTOR M. R. P. KIN

11-28-89  
10:00am

# APPLICATION

PERCOLATION TESTING

A 45095

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

- 1, 100ft buffer to pond
- 2, Dig 2 additional holes toward lot-2 and away from proposed SDA, at same elevation.

DISTRICT \_\_\_\_\_

DATE 10/19/89

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 EMERSON KEFAUVER Walter Wilkerson

ADDRESS 1841 WOODSTOCK RD, WOODSTOCK, MD 21163 PHONE 465-1416

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

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

PROPERTY LOCATION:

SUBDIVISION KEFAUVER PROP. LOT NO. Lot 2 Prelim

ROAD AND DESCRIPTION SOUTH SIDE OLD FRED. RD @ DANIELS RD  
(8521 Old Frederick Road)

TAX MAP 18 PARCEL # 19

SIZE OF LOT 3.0 AC. ± TYPE BLDG. SINGLE FAMILY  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED**  
**AND RETURNED 8-11-92**  
*Serial # 44784-3 Rm*

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.

Emerson N. Kefauver  
(SIGNATURE OF APPLICANT)

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

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

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

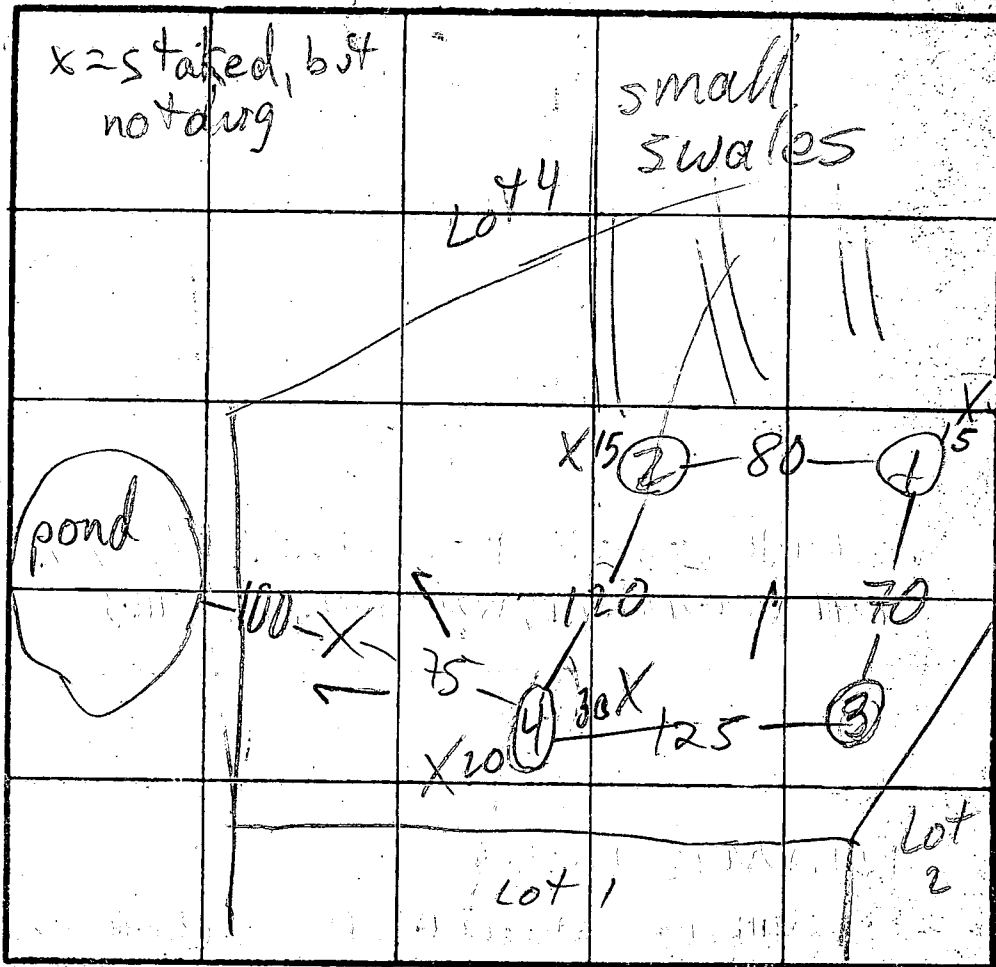
REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OK MR 12/1/89

## THIS IS NOT A PERMIT

Lot 3  
A45093

① ② ③  
SOIL PROFILE

3  
1 ft. brn sandy clay loam  
1 ft. tan & dk. tan sandy silty loam  
10% frags  
1 1/2



③ HI  
④ MED  
② LO

$\bar{x} = 4$   
180' BR.  
IN LOT-3  
BOTTOM-5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

brn  
org  
sandy  
clay  
loam  
brn  
gray  
sand  
loam  
20% frags  
9 1/2 HARD  
BOTTOM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME	
			START	STOP	START	STOP		
1/28/89	1 S	4	2:56	2:57	2:57	2:59	2	
	1 V	11 1/2	see profile					
	2 S	4	3:09	3:12	3:12	3:18	6	
	2 V	10 1/2	sim to ① 10% frags clay to 3					
	3 V	11	OK clay to 3' 10% frags					
	4 S	5 1/2	3:26	3:27	3:27	3:29	2	
			3:27	3:29	3:29	3:34	5	
	4 V	9 1/2	see profile					

REMARKS SHALLOW ONLY - HOLES ② & ③ PER PLAT

TYPE OF SOIL

TESTED BY

M. RIFKIN

ALSO PRESENT

OK Jeng T. owner

1057
123.51'
88.95'
148.45'

75	534813.418	855481.766
76	534887.453	855492.653
110	535413.505	854825.391
113	535362.979	854948.094

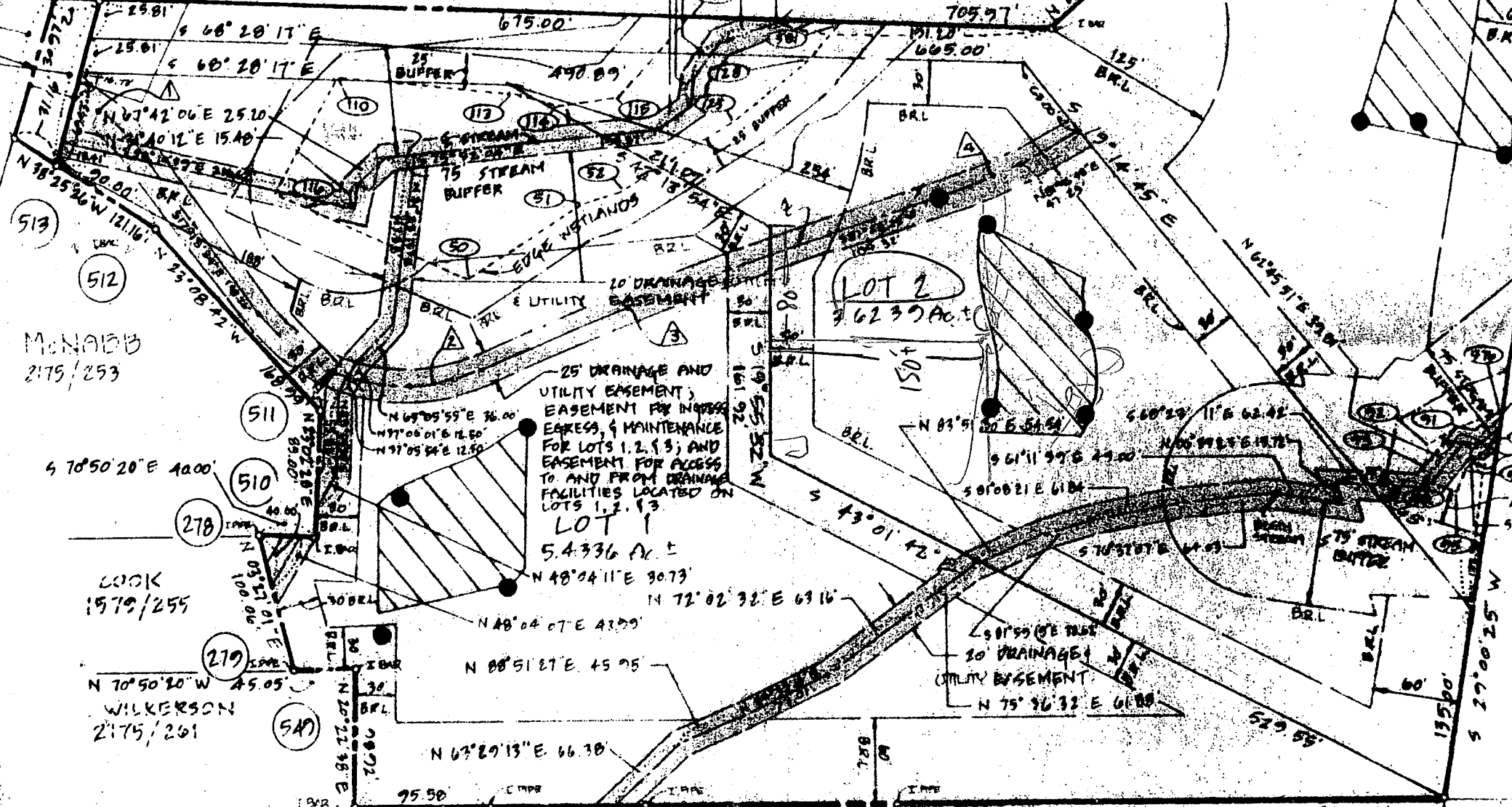
580	535372.366	855089.484
581	535332.800	855185.981

\$ 61° 07' 33" E 29.31'

515  
507  
OLD FRED RD  
509

LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR PURPOSE OF A PUBLIC ROAD.  
0.2178 AC. ±  
SEE DETAIL 'A' THIS SHEET

Copy of Plat Sent for Sign MARY KEFAUVER 2175/277



McNABB  
2175/253

LOOK  
1579/255

WILKERSON  
2175/261

25' DRAINAGE AND UTILITY EASEMENT, EASEMENT FOR NOTICES, EGRESS, & MAINTENANCE FOR LOTS 1, 2, & 3, AND EASEMENT FOR ACCESS TO AND FROM DRAINAGE FACILITIES LOCATED ON LOTS 1, 2, & 3.

LOT 1  
5.4336 Ac. ±

LOT 2  
3.6239 Ac. ±

LOT 3  
3.9773 Ac. ±

15' STREAM BUFFER  
75' STREAM BUFFER  
EDGE WETLANDS  
25' BUFFER

20' DRAINAGE UTILITY EASEMENT

513  
512

511  
510

278

279

509

508

509

580

581

110

113

116

118

120

122

124

50

52

54

56

58

60

62

64

66

68

70

72

74

76

78

80

82

84

86

88

90

92

94

96

98

100

102

104

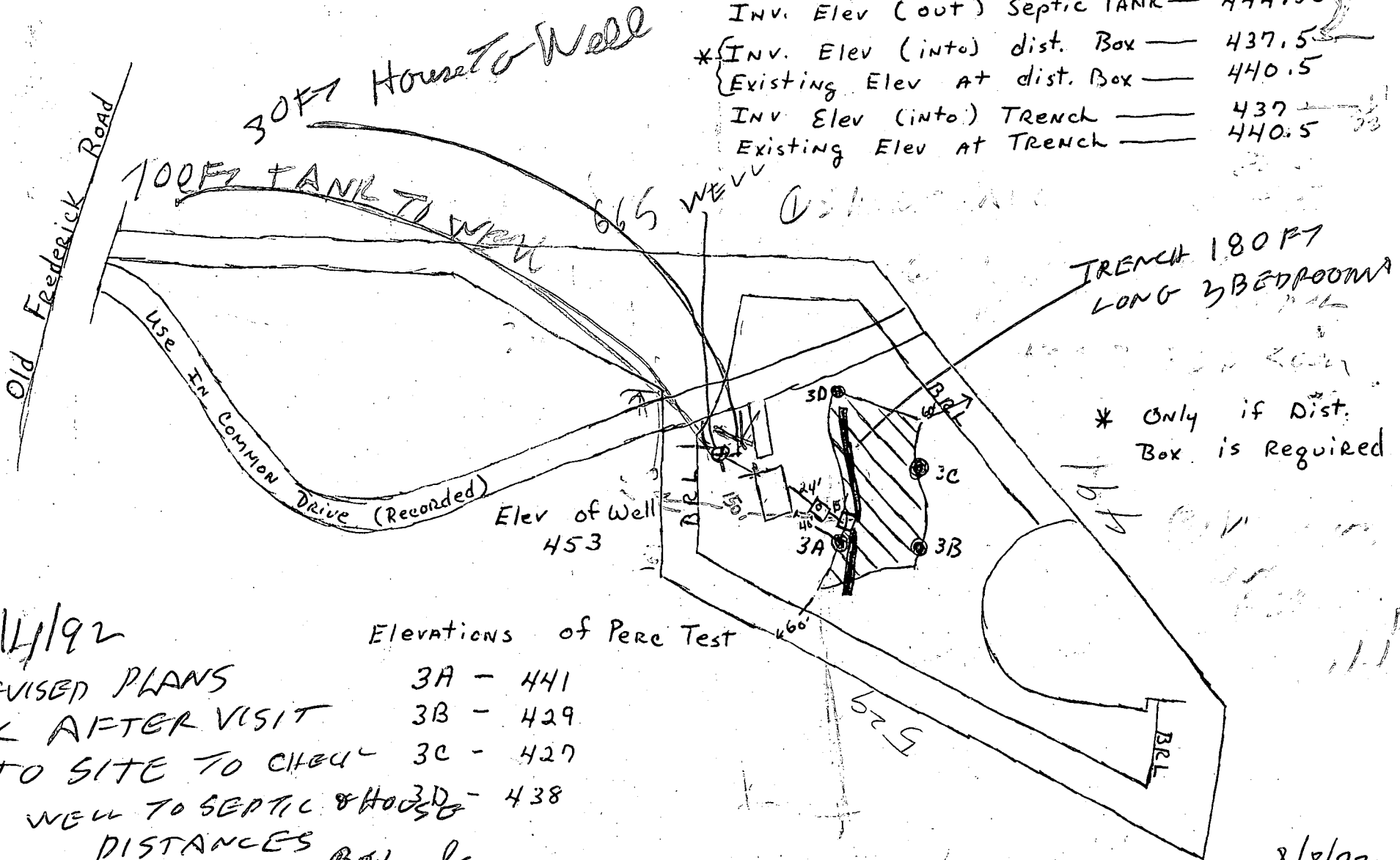
106

108

110

Permit # 44784

FF Elev	_____	454.5
BE Elev	_____	445.5
INV Elev (out of House)	_____	445
Exist Elev At Septic TANK	_____	447
INV. Elev (into) Septic TANK	_____	444.75
INV. Elev (out) Septic TANK	_____	444.50
* INV. Elev (into) dist. Box	_____	437.5
Existing Elev at dist. Box	_____	440.5
INV Elev (into) TRENCH	_____	437
Existing Elev at TRENCH	_____	440.5



8/11/92

REVISED PLANS

OK AFTER VISIT

TO SITE TO CHECK

WELL TO SEPTIC & HOUSE

DISTANCES

Elevations of Perc Test

3A - 441

3B - 429

3C - 427

3D - 438

I certify that the above measurements are actual and correct

For this property

Walter Wilkerson - 465-4964 / 461-9957

8/8/92

OLD FRED. RD

MONA'S  
203/42

COOK  
1573/255

WILKERSON  
204/58

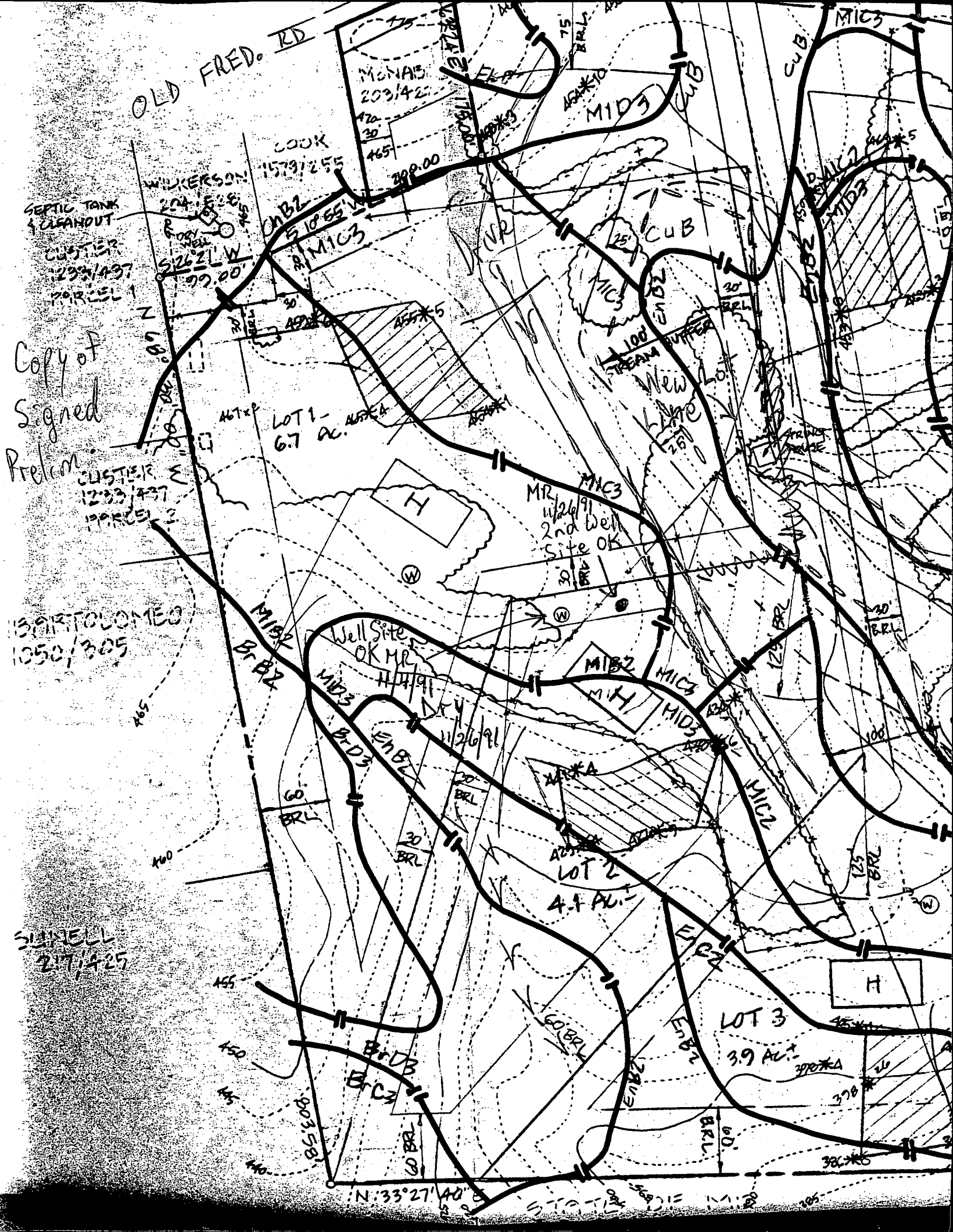
SEPTIC TANK  
& CLEANOUT  
CUSTOMER  
1233/437  
PARCEL 1

Copy of  
Signed  
Prelim

CUSTOMER  
1233/437  
PARCEL 2

BARTOLOMEO  
1050/305

SIMMELL  
217/425



C1 4658

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 A 45095

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

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

1 1 3 0 9 1

22 3 5 3 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER: Wilker son last name, Walter first name. STREET OR RFD: Old Frederick rd. TOWN: Ellicott City. SUBDIVISION: KEFAUVEK PROPERTY. SECTION: LOT 2

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: Dirt (0-1), Red Clay & Sand (1-7), Soft Br. Sandstone (7-20), Hard Blue & Br. Sandstone (20-28), Hard Blk. Sandstone (28-60), Hard Br. Sandstone (60-62), Hard Blk. & White Sandstone (62-218), Hard Br. & Blue Sandstone (218-220), Hard Blk. & Blue Sandstone (220-353).

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box). TYPE OF GROUTING MATERIAL: CEMENT CM, BENTONITE CLAY BC. NO. OF BAGS: 13. NO. OF POUNDS: 1222. GALLONS OF WATER: 78. DEPTH OF GROUT SEAL (to nearest foot): from 0 to 39 ft.

CASING RECORD casing types insert appropriate code below. MAIN CASING TYPE: S (STEEL), T (TUBULAR). Nominal diameter top (main) casing (nearest inch): 6. Total depth of main casing (nearest foot): 41.

OTHER CASING (if used) diameter inch, depth (feet) from to. SCREEN RECORD screen type or open hole insert appropriate code below. HO (OPEN HOLE) at depth 41.

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

PUMPING TEST C 3

HOURS PUMPED (nearest hour): 3. PUMPING RATE (gal. per min. to nearest gal.): 8.5. METHOD USED TO MEASURE PUMPING RATE: submersible. WATER LEVEL (distance from land surface) BEFORE PUMPING: 3.4. WHEN PUMPING: 2.64. TYPE OF PUMP USED (for test): 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).

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.

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. 296 RONALD L. KYKER

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Ronald L. Kyker

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

SLOT SIZE 1 2 3. DIAMETER OF SCREEN (NEAREST INCH) from to. 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.), W.Q. (74, 75, 76). TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

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).

Handwritten notes: Old Frederick rd, 295th Rd, submersible well.