

8/3/94
do 2/00
352270

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50172

A 42608

DISTRICT 4th

DATE 7/25/94

DATE SYSTEM APPROVED 8/3/94

INSPECTOR C. Bal

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~313-2640~~ 313-2640

INDEXED

Adamson Plumbing & Heating IS PERMITTED TO INSTALL ALTER

ADDRESS 7825 McClellan Avenue, Boonsboro, Maryland 21713 PHONE _____

SUBDIVISION Warfields Grant LOT 4 ROAD 16008 Misty Knoll Court

PROPERTY OWNER Warfields Grant Ltd. Part. Nick White

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

Add'l on - Pool
BLDG. PERMIT SIGNED
AND RETURNED 4-19-96
Serial # 64400

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 - Place the distribution box 255 feet down the right lot line and 45 feet off the same lot line as seen when facing the lot from Misty Knoll Court. 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 7/14/94 DKS

PLANS APPROVED BY Donna Soe/Ronald J. Pinkley DATE 05/16/94

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

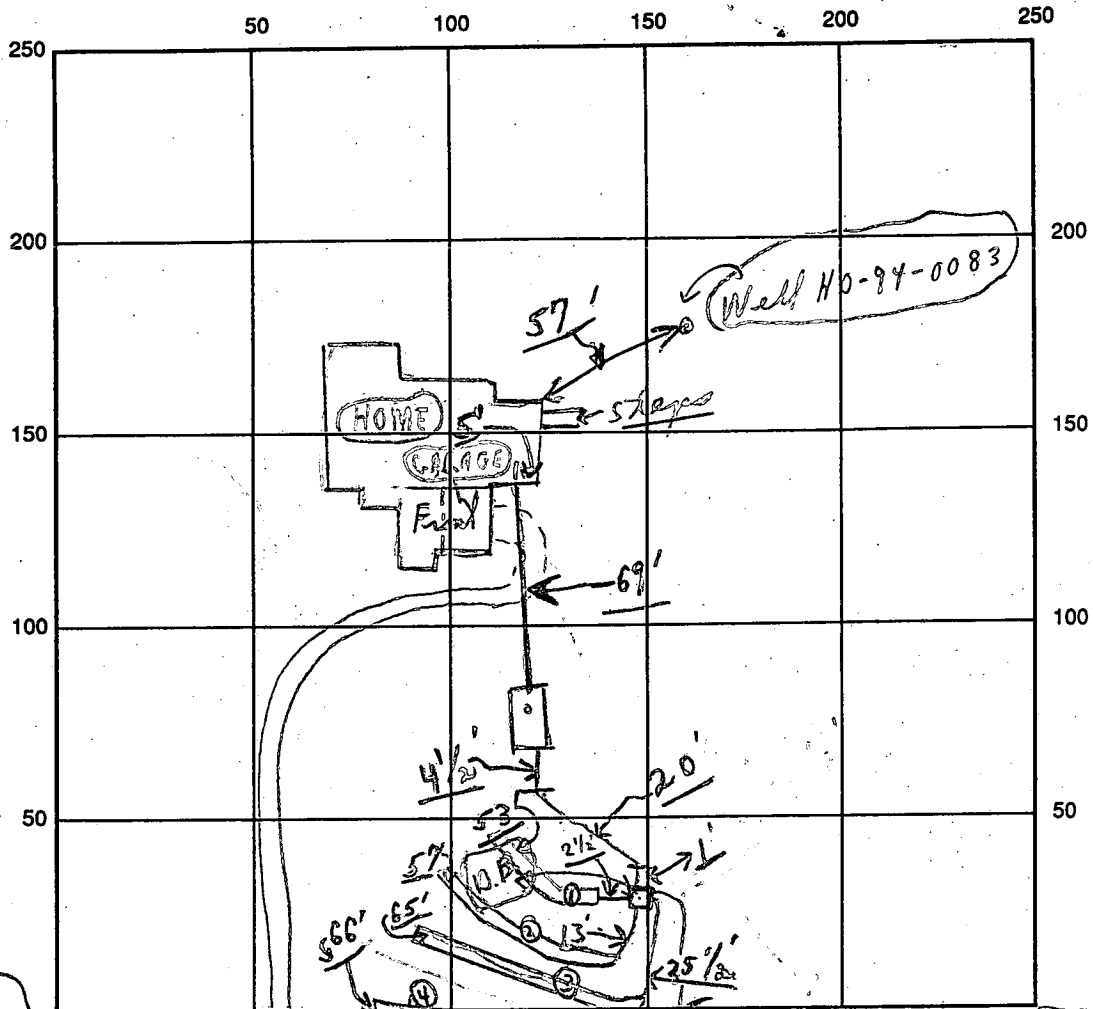
PERMIT VOID AFTER TWO YEARS

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
42608



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
MISTY KNOLL COURT S.T.

SEPTIC TANK LEVEL OK CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffles in)

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH (0.52 ② 52 ③ 65 ④ 66) FT. = (241)

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 723 SQ. FT.

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

ABSORBENT AREA 723 SQ. FT.

REMARKS: P.M. 8/3/94 ok to cover trenches as per arch-
material on sites - Final c/s

8/3/94 W.P.I. - ok Green left on top of well casing c/s

DATE SYSTEM APPROVED 8/3/94 INSPECTOR Charlie Bryan Sheet

APPLICATION

PERCOLATION TESTING

A 42608
P _____
4TH
DISTRICT _____
8-05-88 DATE _____

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

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 Mr. Robert M. Warfield Warfield Grant Ltd. Part.
ADDRESS 2425 Daisy Road, Woodbine, Md. 21797 PHONE 781-6786

PROSPECTIVE BUYER Carman Associates
ADDRESS P.O. Box 122, Ellicott City, Md. PHONE 854-6797

PROPERTY LOCATION: Warfields Grant
SUBDIVISION _____ LOT NO. 4
ROAD AND DESCRIPTION West Side Daisy Road (16008 Misty Knoll Court)

TAX MAP 13 PARCEL # 128

SIZE OF LOT 3 acres 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.

Philip A. Mangley
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-27-88 Per Satisfactory - Hold for Peris Saw

BLDG. PERMIT SIGNED
AND RETURNED 4/17/94
Serial # 545-41-
SFD-4Bome

THIS IS NOT A PERMIT

HD-216

A-42608

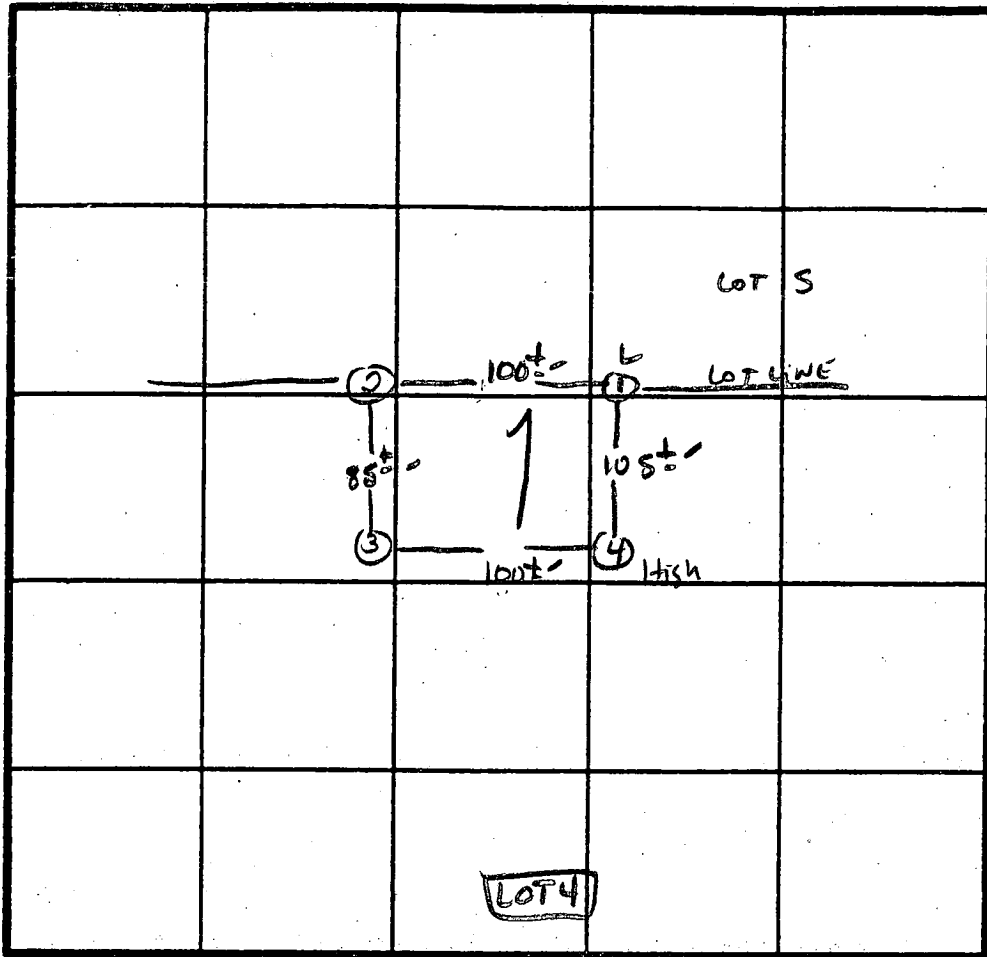
SOIL PROFILE

0" AP

6" Yellow Red (Pinkish) Silty loam (Clayey)

3" Yellow Br w/ Pink Casts 15-25% Frags 1" in TD 35-45% AT 11"

12"



X PERC
5 MIN
180' IN
INLET 3'
BOTTOM 5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

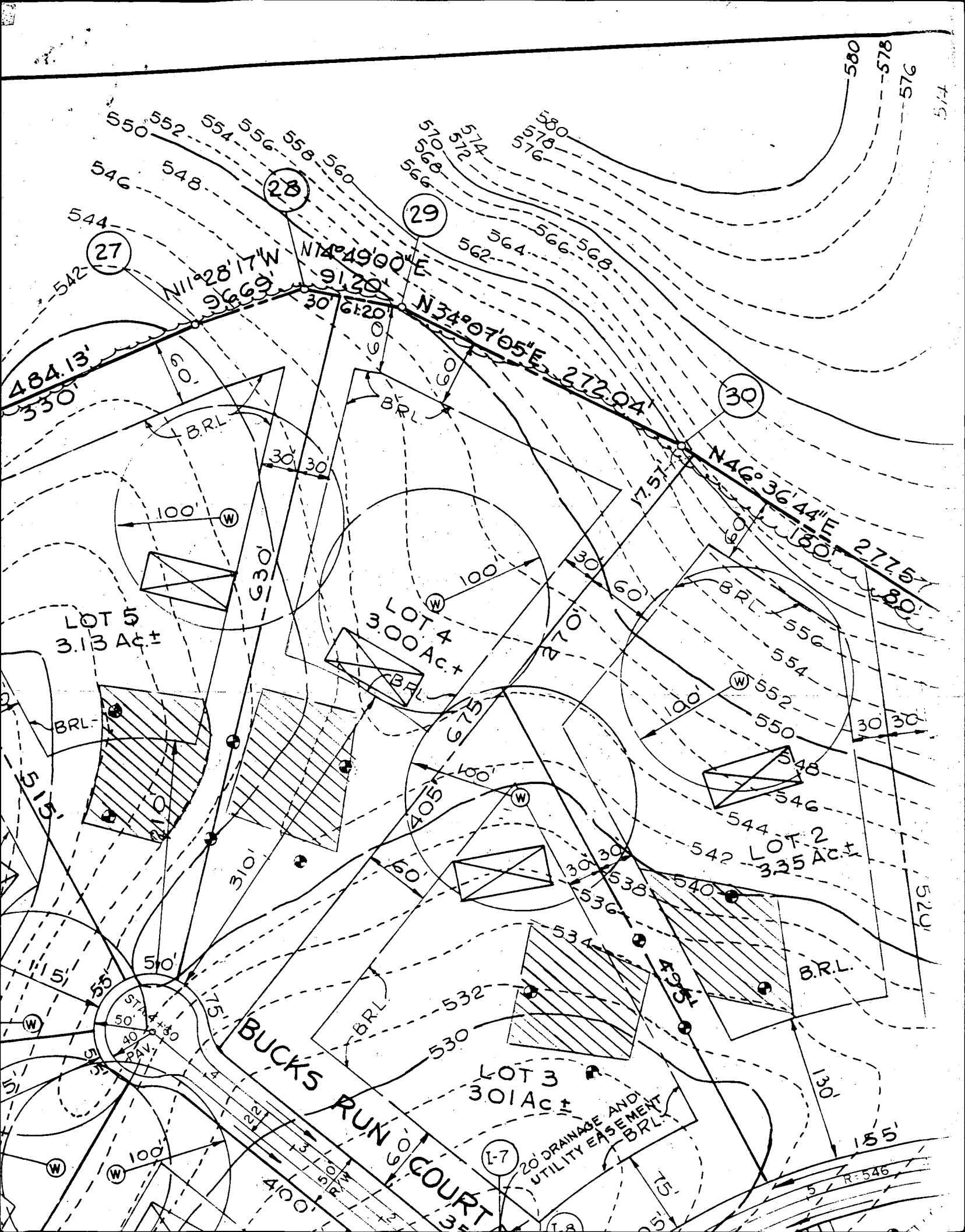
ED Warfield Rd.

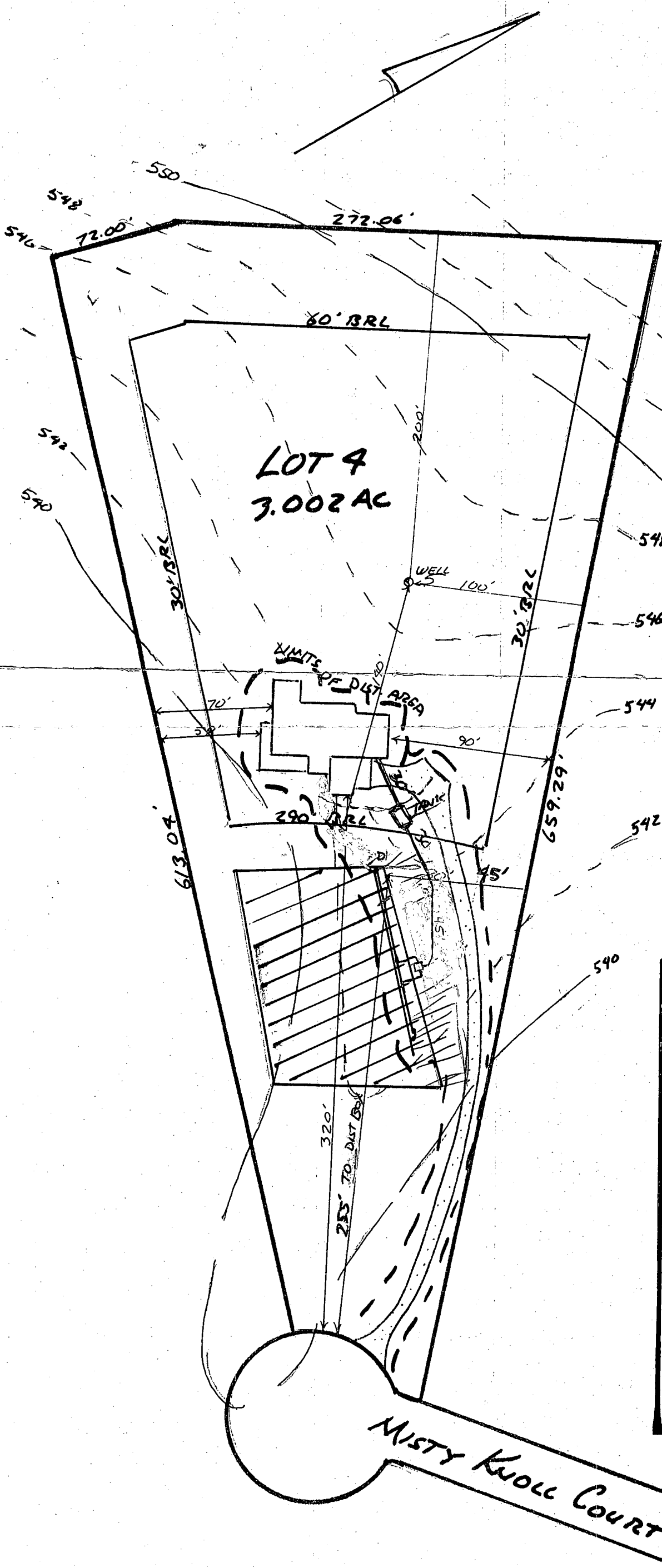
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/27/88	1 S	3.5"	11:34	11:38	11:38	11:48	10 MIN
		7.5"	11:34	11:36	11:36	11:40	4 MIN
	1 V	12"	As Profiled				
	2 S	4"	11:30	11:31	11:31	11:35	4 MIN
		12.0"	similar to profile				
	3 S	8.5"	11:33	11:35	11:35	11:38	3 MIN
		12.5"	similar to profile		w/ less frags		
	4 S	3.0"	11:37	11:38	11:38	11:40	2 MIN
		12.0"	less frags than profile				

REMARKS Holes APPROX PLAT - SHALLOW SYST ONLY

TYPE OF SOIL Glendale Chester

TESTED BY S. Abel ALSO PRESENT Phil M. Andrews
C. Cressel





Approved Septic System Plan
Howard County Health Department

Amy McMullen 6/17/94
Signature Date

ELEVATIONS:

Well	547.00'
House	
F.F.	547.00'
Base.	537.00'
Inv. Out	542.00'
Tank	
Ex. Gr.	542.00 544.00
Fin. Gr.	540.50 544.00
Inv. In	540.80 541.35
Inv. Out	540.40 540.75
DIST. BOX	
Ex. Gr.	543.00'
Fin. Gr.	543.00'
Inv. In	540.00'

Trench to be as required by the Health Department

MISTY KNOLL COURT

1" = 60'

BY: FRED DICKSON
781-6786

C1 5161

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A42008

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 325 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-94-0083

OWNER last name first name TOWN SUBDIVISION SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

PUMPING TEST HOURS PUMPED PUMPING RATE METHOD USED TO MEASURE PUMPING RATE WATER LEVEL BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows: Blue Rock, BROWN SHALE

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter Total depth

OTHER CASING (if used) diameter depth

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) SLOT SIZE DIAMETER OF SCREEN

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) TYPE OF PUMP INSTALLED CAPACITY: GALLONS PER MINUTE PUMP HORSE POWER PUMP COLUMN LENGTH CASING HEIGHT LAND SURFACE

CIRCLE APPROPRIATE LETTER 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"

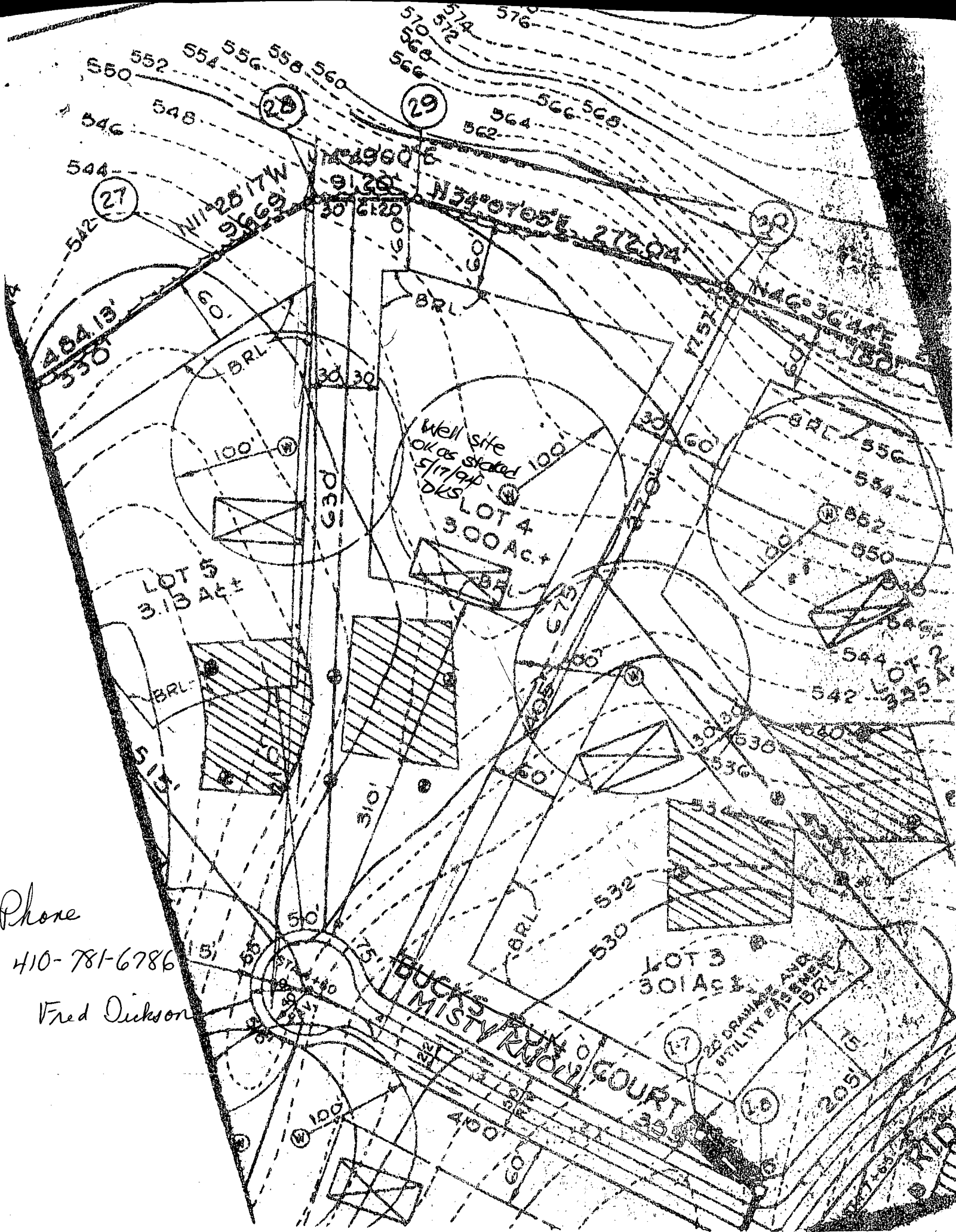
DRILLERS IDENT. NO. DRILLERS SIGNATURE

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS

See Attached Well location



Phone
 410-781-6786
 Fred Dickson

9827

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HC-94-0083 fill in this form completely

Date Received (APA)

05/19/94

OWNER INFORMATION

DICKSON FRED

5714 MINERVA AVE

ELDERSBURG MD 21784

DRILLER INFORMATION

Joseph L. Mayne 94 License No. 80

Jos. ph. L. Mayne Well Drilling Firm Name

3514 Ridge Rd. Mt. Airy MD. 21771 Address

Joseph L. Mayne 5/10/94 Signature Date

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-Percussion ROTARY (Hydraulic Rotary)
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
D THIS WELL WILL DEEPEMED AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE DS PERMIT No. HC-94-0083

SPECIAL CONDITIONS

LOCATION OF WELL

NEW RD 8 COUNTY

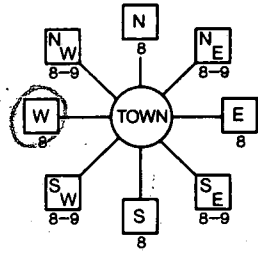
WARFIELD'S GRANT 23 SUBDIVISION

SECTION 44 LOT 48 50

Greenwood 52 NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 4 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



NEAR WHAT ROAD Misty Knoll Ct.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 400 ENTER FT or MI

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 142608 COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

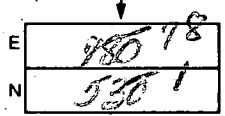
DATE ISSUED 05/17/94 CO-SIGNATURE EXP. DATE 5/19/95

NORTH GRID 531000 EAST GRID 0778000

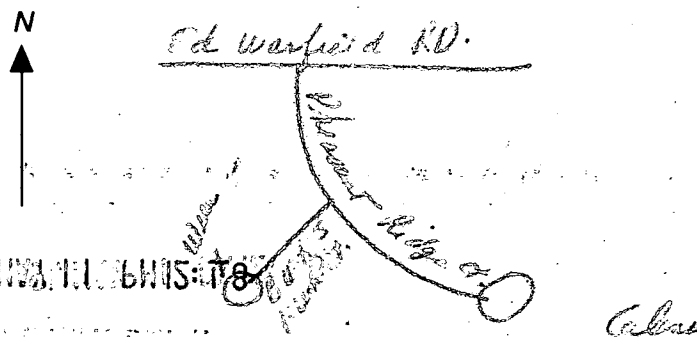
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. Well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



4/19/96

Pool location OK
as shown - No impact
to existing well or septic

Amy McMiller

