

11/4/92 1 PM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48629
A 48423

DISTRICT 4th

DATE 10/30/92

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 11/4/92

INSPECTOR RH

Donald Parlette IS PERMITTED TO INSTALL X ALTER

ADDRESS 6575 Route 32, Clarksville, Maryland 21029 PHONE 531-2140

SUBDIVISION LOT ROAD 15210 Old Frederick Road

PROPERTY OWNER John Brigante -- Tenant House

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 108

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box on the 570' contour interval, just off the highest percolation test hole. This will be approximately 70 feet from the edge of the driveway and 325 feet from the existing well. Run trenches along contour within the designated sewage disposal easement, more or less parallel to the existing driveway.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok/cw*

PLANS APPROVED BY C. Williams DATE 8/24/92

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

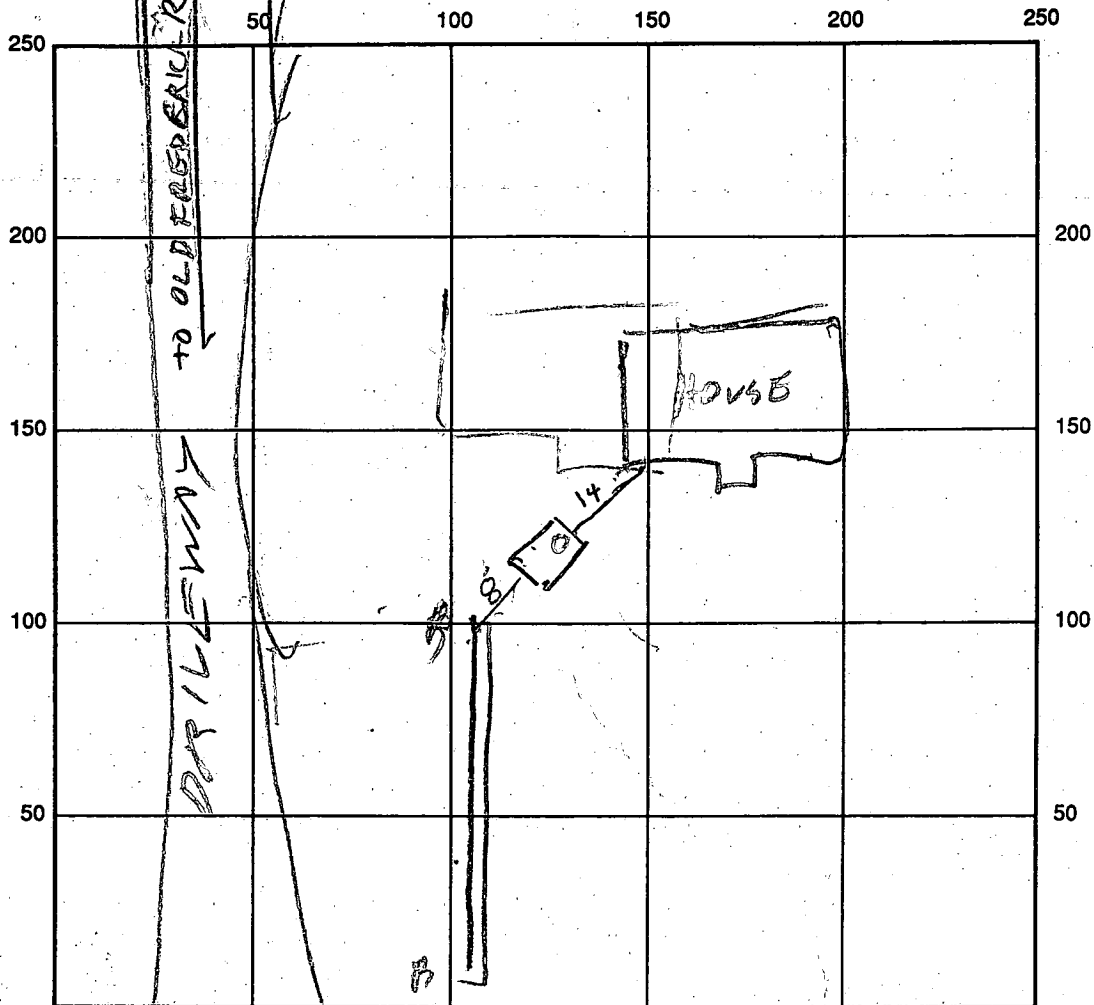
PERMIT VOID AFTER TWO YEARS

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**
***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A
48423



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 CLEANOUTS ST
 DISTRIBUTION BOX LEVEL N/A
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.
 EFFECTIVE GRAVEL DEPTH 8 FT. TOTAL LENGTH 110 FT.
 NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: 11/4/92 TRENCH DUG BETWEEN PERC HOLES
OLD EXISTING WELL TO BE USED (200+ FT FROM PERC HOLES)
ADD STONE TO DITCH & HOOK UP TANK R/H
11/4/92 - STONE ADDED TANK CONNECTED R/H

DATE SYSTEM APPROVED 11/4/92 INSPECTOR Raymond Hodger

8/18/92
10/09

APPLICATION

PERCOLATION TESTING

A 48423
P _____
DISTRICT 4
DATE 8/10/92

PREVIOUS PROPOSAL IS FOR TENANT HOUSE ON FARM NOT FOR SUBDIVISION.

RECEIVED
HOWARD COUNTY
HEALTH DEPARTMENT
AUG 10 PM 1:07

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

*"WORK-OVER" (NSP OR EXISTING HOUSE SEPTIC)
PROPOSAL IS TO SHARE WELL WITH EXISTING HOUSE - NOT CURRENTLY IN USE.*

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JOHN BRIGANTE

ADDRESS 2414 PACE RD HANOVER MD 21076 PHONE (410) 799-8173

AGENT OR PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION: FOR TENANT HOUSE 15210 OLD FREDERICK RD

SUBDIVISION N/A LOT NO. _____

ROAD AND DESCRIPTION 15210 15200 OLD FREDERICK RD WOODBINE MD

TAX MAP 8 PARCEL # 28

BLDG. PERMIT SIGNED
AND RETURNED 9/2/92
Serial # 45761-570
SINGLE FAMILY DWELLING

SIZE OF LOT _____ TYPE BLDG. SINGLE FAMILY DWELLING
(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. John Brigante
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 8/18/92 PERC OK HOLD FOR PERC CERT

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

48423

COUNTY #

SOIL PROFILE

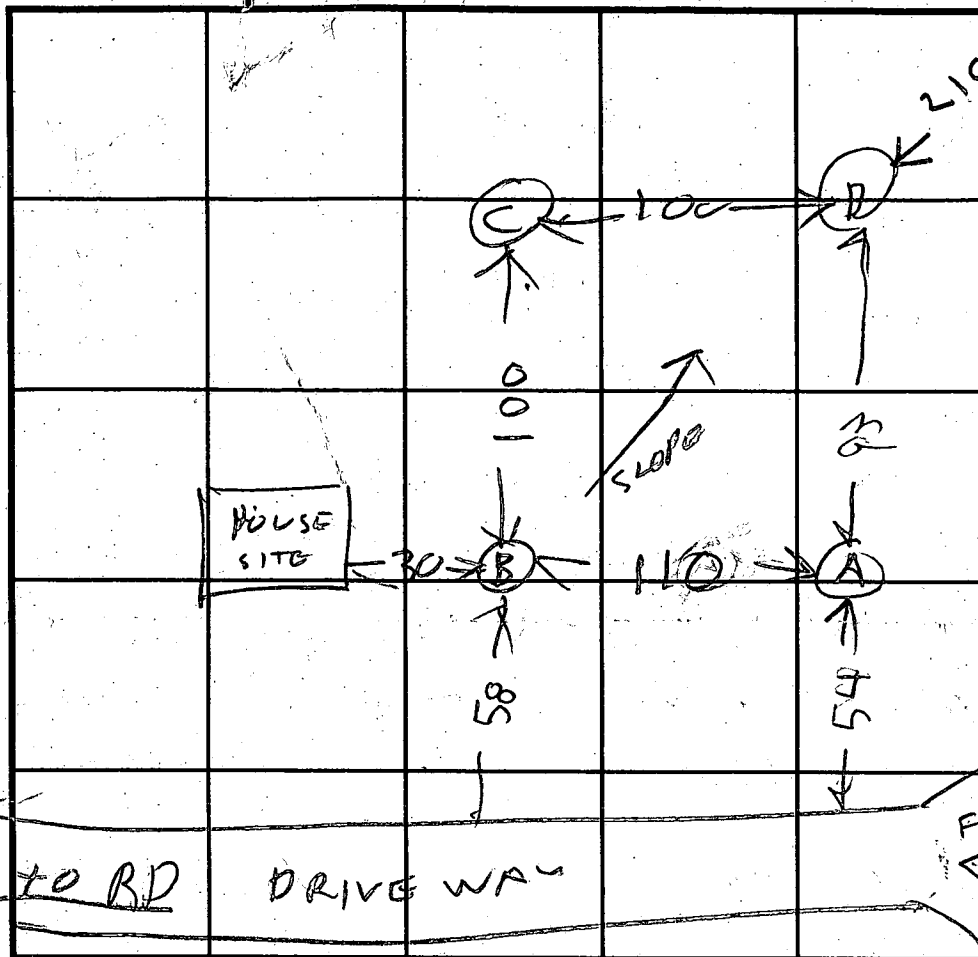
0' (A) (B)
 2' CLAY TOPSOIL
 BEIGE SAND LOAM
 5-70 SAPPOLITE

1 1/2

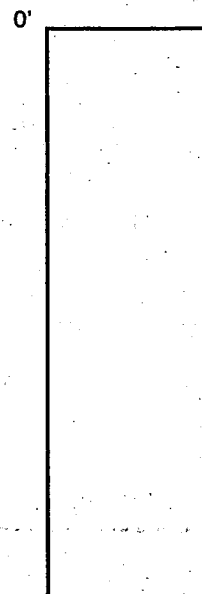
(C) (D)

3' CLAY TOPSOIL
 BEIGE FINE SAND LOAM

12



SOIL PROFILE



HOLE ELEVATION
 (B) = HIGHEST
 (A) = MEDIUM
 (D) = LOWEST
 VERY

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 9/18/92 | AS | 3 | 950 | 951 | 951 | 952 | 1 |
| | AV | 11.5 | OK | | | | |
| 9/18/92 | BS | 3 | 954 | 955 | 955 | 958 | 3 |
| | BV | 11.5 | OK | | | | |
| | CS | 4 | 959 | 1002 | 1002 | 1008 | 6 |
| | CV | 12 | OK | | | | |
| | DS | 4 | 1002 | 1004 | 1004 | 1011 | 7 |
| | DV | 12 | OK | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS

TYPE OF SOIL

TESTED BY

Raymond Jordan

ALSO PRESENT

J BRIGANTE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

4

TRENCH WIDTH

2

INLET DEPTH

3

MAXIMUM BOTTOM DEPTH

8

SQ. FT./BEDROOM

180

A 48423

JOHN BRIGANTE
15200 OLD FREDERICK RD

DRILLING
DATE
UNKNOWN

WELL

DRILLED WELL IN PIT

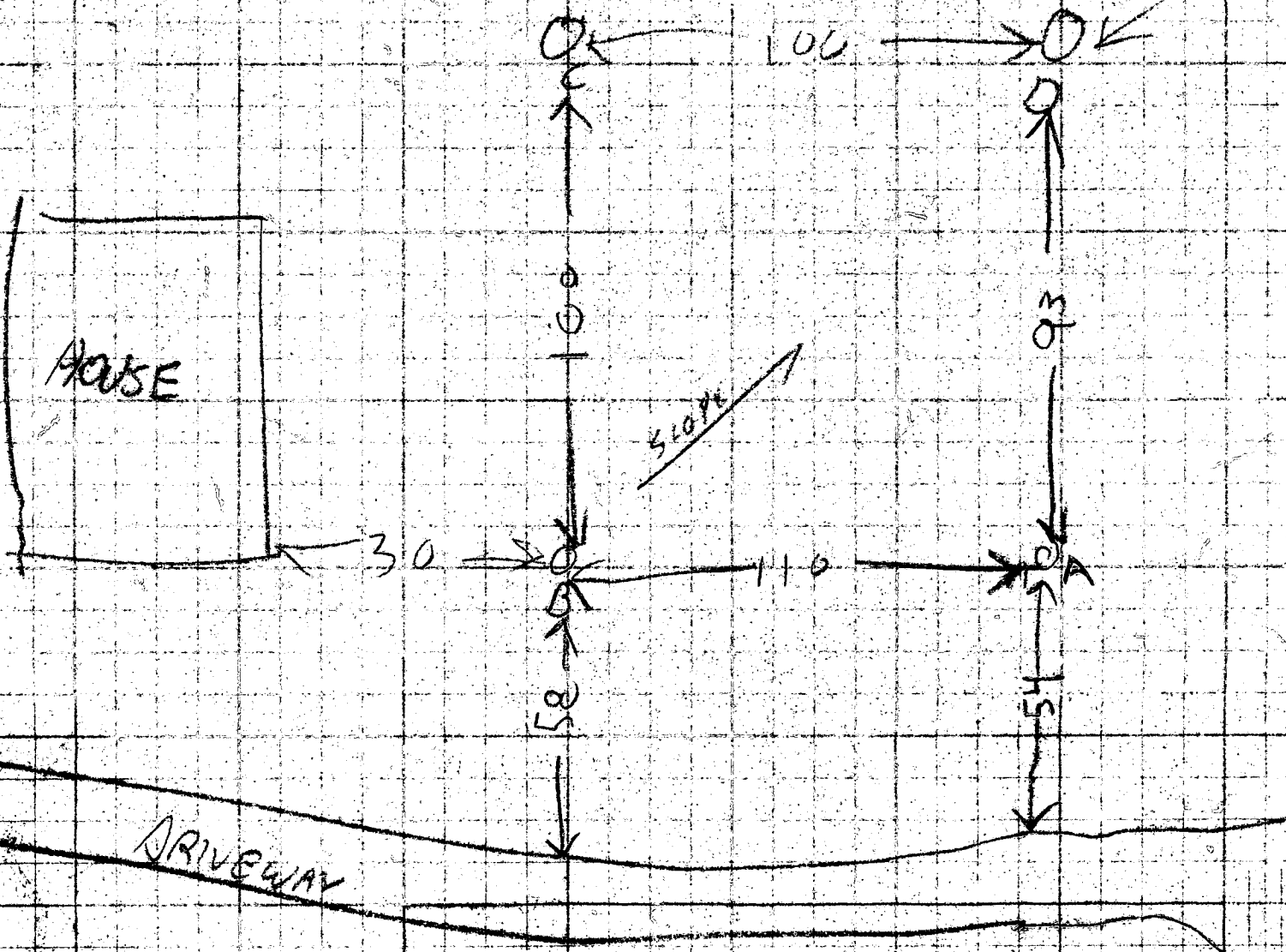
NOTHING SEEN

NO SUMP PUMP IN PIT

GROUT-22

WIRE LOG

EX W



DRILLED
WELL
NO SUMP PUMP
IN PIT

108 50
SHEET NO

108 50
SHEET NO

108 50
SHEET NO

DATE RECEIVED (APA) [] [] [] [] [] []

OWNER INFORMATION

8 13
BRISANTE JOHN

15 Last Name Owner First Name 34
15200 OLD FRED RD.

36 Street or RFD 55
WOODBINE MD 21292

57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

1 2 **HOWARD**

8 COUNTY 21
NONE

23 SUBDIVISION 42

SECTION **FF** LOT **FF**

44 46 48 50

MORGAN

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2** MI

73 76 77 78

DRILLER INFORMATION

Ralph MAYNE **273**

Driller's Name 77 License No. 80

Ralph MAYNE Well Drilling

Firm Name

9120 Brown Church Rd Mt Airy

Address

Ralph Mayne 4/14/93

Signature Date

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 **OLD FRED RD.** 30

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
N
WEST
W
E
EAST
S
SOUTH

34 **1000** 37

DISTANCE FROM ROAD

ENTER FT or MI **FT**

38 39

B 2 WELL INFORMATION

1 2 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)

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD A 42423

COUNTY NAME COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED **042393** **R. Hodges 4/23/93**

43 48 CO SIGNATURE EXP. DATE

NORTH GRID **540000** EAST GRID **0780000**

50 55 57 63

APPROXIMATE DEPTH OF WELL **150** FEET

24 28

APPROXIMATE DIAMETER OF WELL **6"** NEAREST 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 _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. well **Still grout**

2.

3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E **780**

N **540**

000 000

5/10/93 10:00 Well Driller
13 Bags of cement
70' casing
30' open grout
2' casing above ground
von [unclear]

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

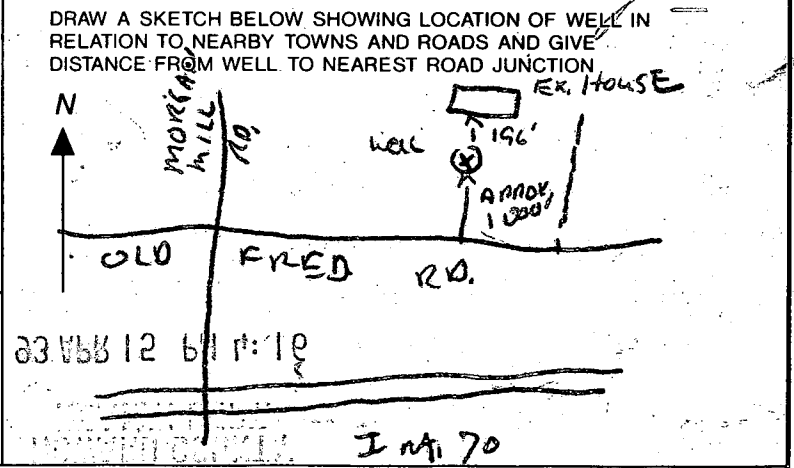
N THIS WELL WILL NOT REPLACE AN EXISTING WELL

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 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)

APPROX. PERMIT NUMBER [] [] [] [] G, A, P [] []

54 63

FORCE WRITE INITIALS IN BOX PERMIT No. **10-92-0348**

67 68 70 71 72 73 74 75 76 77 78 79

C1 7841

SEQUENCE NO. (DENV USE ONLY)

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 1-18-423

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

ST/CO USE ONLY DATE Received

0411693

DATE WELL COMPLETED

060093

Depth of Well

225 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

10-92-0348

OWNER JOHN TOWN WOOD BINE

STREET OR RFD 15 last name 200 first name TOWN WOOD BINE

SUBDIVISION SECTION LOT

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, Brown Shale, Brown Slate, Blue Slate, Brown Slate, Blue Slate.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N)

TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 18 NO. OF POUNDS 1800

GALLONS OF WATER 158 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD

casings types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 20

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

SCREEN RECORD

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

DEPTH (nearest ft.) HO 65 225

CIRCLE APPROPRIATE LETTER 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 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS IDENT. NO 273

DRILLERS SIGNATURE Nath Mape

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

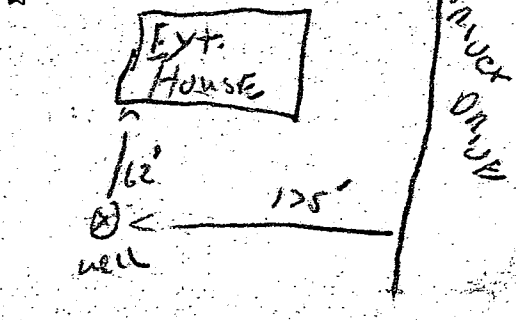
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 45 TYPE OF PUMP USED (for test) S submersible

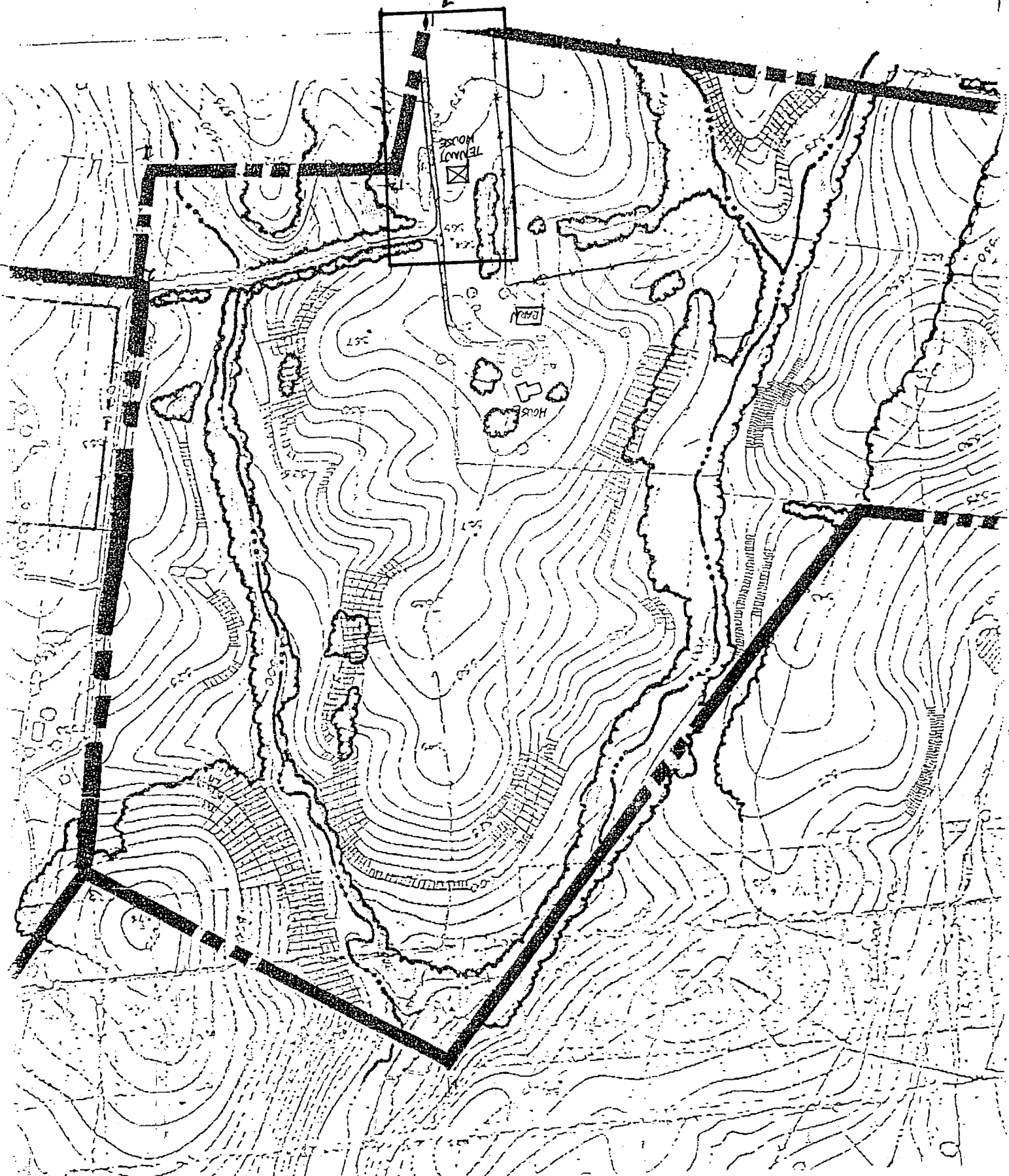
PUMP INSTALLED

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,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)



ENLARGEMENT



NORTH 21° 02' 28" EAST 365 FT

SOUTH 71° 35' 53" EAST 1133.74 FT

EXISTING DRIVEWAY

196'

WIRE FENCE

PROPOSED HOUSE

1ST FL EVEL 573²
BSMT EVEL 565⁹

175'

INVERT OUT OF HOUSE 568¹⁰

70'

INVERT INTO SEPTK TANK 568⁷
ELEV AT SEPTIC TANK 571¹⁰

163'

INVERT OUT OF SEPTIC TANK 568⁴

571³

DISTRO BOX
INLET ELEV 568¹

TRENCH LENGTH
TO BE DETERMINED
AT TIME OF
SEPTIC PERMIT

PERCOLATION
TEST HOLES

569⁹

564⁸

SOUTH 80° 13' 42"
EAST 602.19 FT

SCALE 1" = 40'

ELEVATION IN FEET ^{INCHES} ABOVE SEA LEVEL

*ELEVATIONS OK
9/2/92 CWT/ther*