

10/5/88

04-336976

PERMIT

P 42652

A 34868

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 9/27/88

DATE SYSTEM APPROVED 10/5/88

INSPECTOR CW

Dave Hopkins

IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Warfield Estates ROAD 14570 MacClintock Dr. LOT 36

PROPERTY OWNER Robert Buckler

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 200 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 5 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 45 feet from the front lot line and 110 feet from the left lot line as seen when facing the property from MacClintock Drive. Run trench(s) along contour toward left side of property.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. CW

PLANS APPROVED BY Craig Williams/Bert Nixon Revised DATE 6/06/88

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.

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).

BUDG. PERMIT SIGNED AND RETURNED 10/16/88

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 40 PVC OR ABS.

Adding porch.
Serial No. 21829

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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

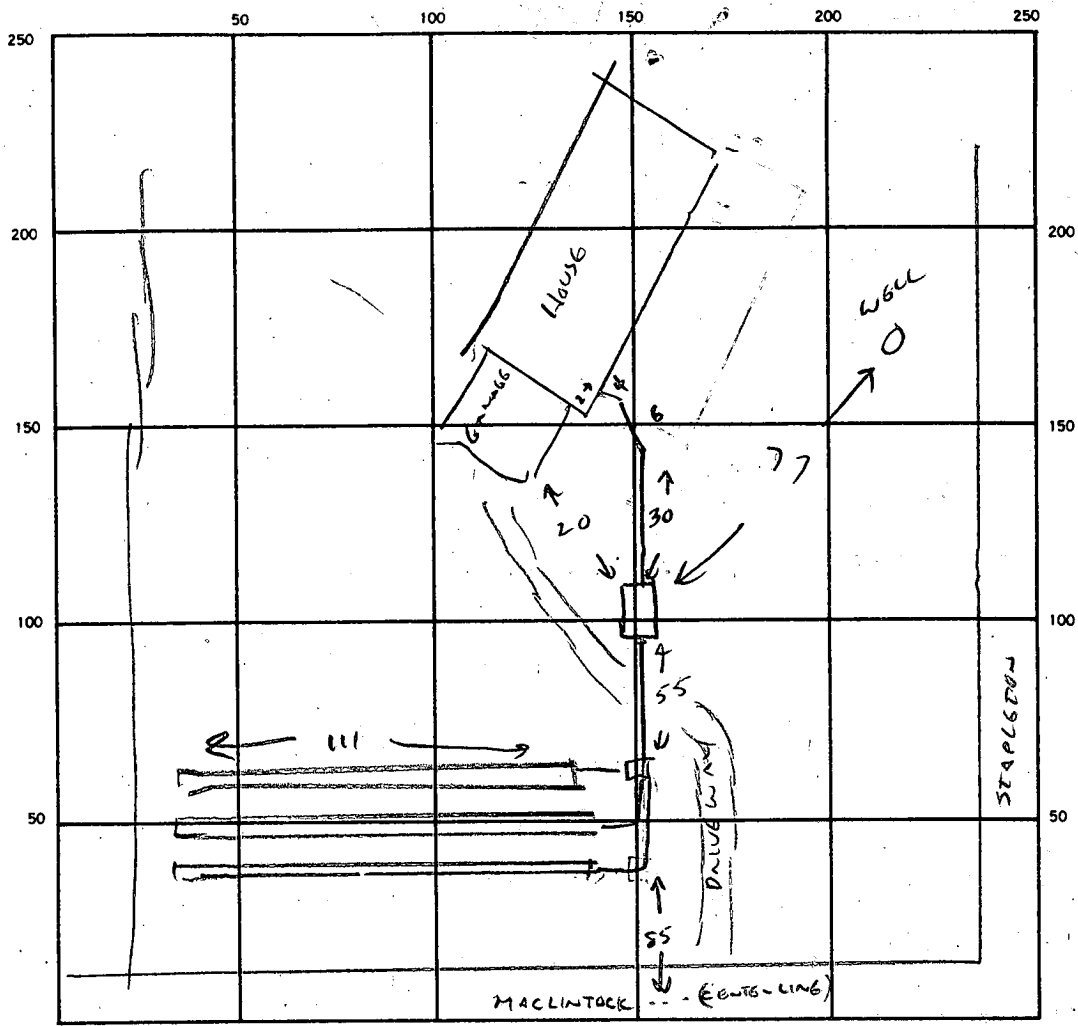
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 34868



SEPTIC TANK, LEVEL CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

DRAIN FIELD/TILE FIELD, DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 333 FT.

NUMBER OF TRENCHES 3 (111' BACK) ONE SIDEWALL/BOTTOM AREA 1000 SQ. FT.

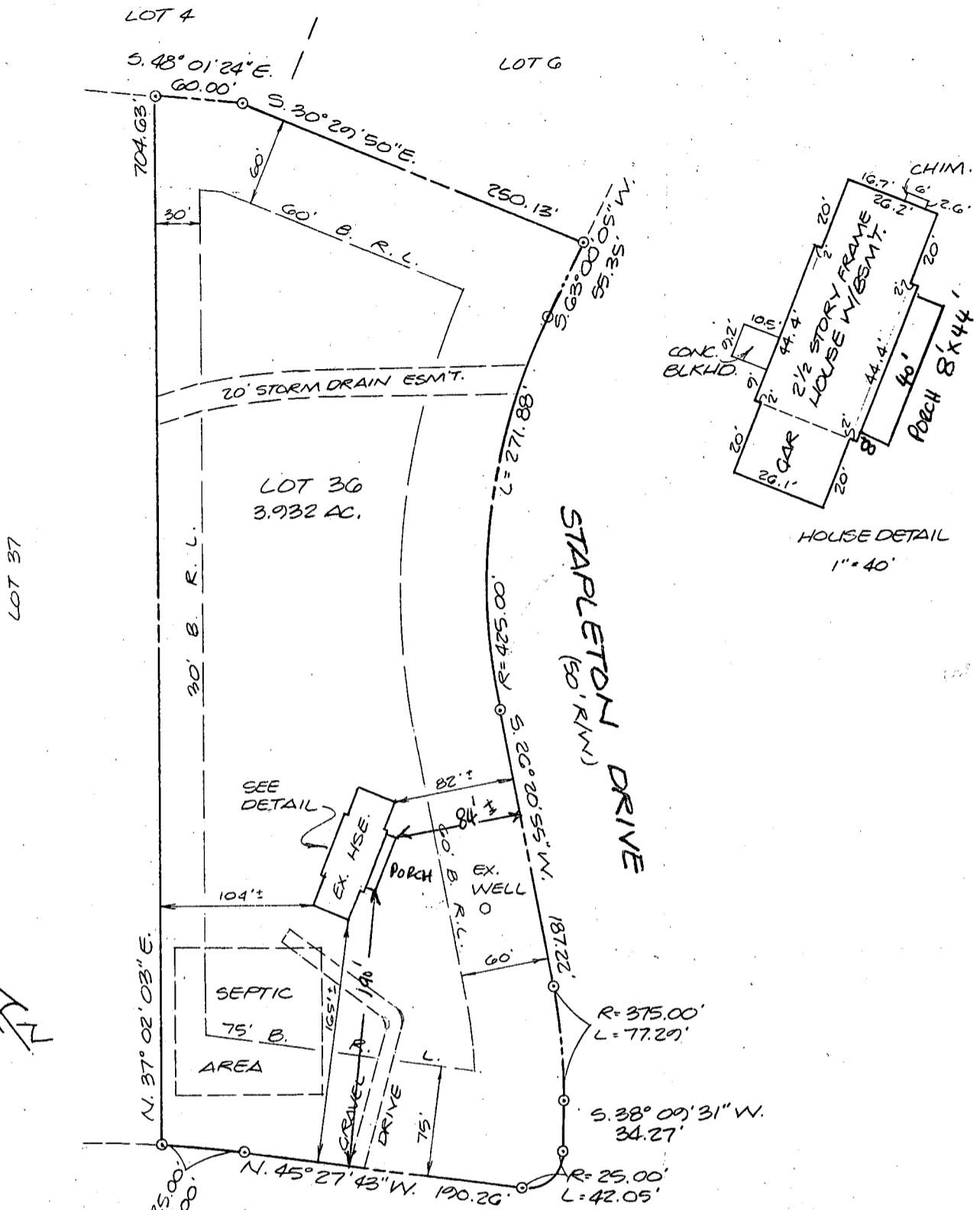
DRYWELL INSIDE DIAMETER 5 FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 1000 SQ. FT.

REMARKS OK TO COVER ALL WORK 10/5/88 CW

DATE SYSTEM APPROVED 10/5/88 INSPECTOR CW

WARFIELD ESTATES
 SECT. G
 P.B. 29) P. 77



HOUSE LOCATION SURVEY
 LOT 30, SECTION SEVEN
WARFIELD ESTATES
 14570 MAC CLINTOCK DRIVE
 ELECTION DISTRICT N° 4
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' SEPTEMBER 1988

10/10/88
 OK TO SIGN
 R HODGES

BIDG. PERMIT SIGNED
 AND RETURNED 10/10/88



9/7/88

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.
 Engineers • Surveyors • Planners
 310 South Main Street, Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015

| REFERENCE | JOB NO. |
|--------------|---------|
| PLAT N° 6478 | 88-1988 |

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
Receipt # 42598
Date 9/22/88
Name of Installer Martie M. Combs Telephone 1-301-237-3635
License Number 3204
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner Robert Buckler Telephone 1-301-565-2694
Subdivision Warfield Estates Lot # 36 Well Tag # ---
Site Address 14570 MacClinton Drive, Glenwood

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Goolds
3. Model # 7EH
4. Capacity 7 GPM
5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Motor
1. Horsepower 1/2
2. RPM
3. Voltage
a. 110
b. 220

Pitless Adapter
1. Make Howard
2. Model #
3. Depth

Tank
1. Capacity 27
2. Pressure relief valve? yes

Piping
1. Type 160 lbs Test
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 140'

Well data
1. Depth ft.
2. Yield GPM
3. Static water level ft.
4. Will water supply be disinfected by installer?

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.
Signature of Applicant: Martie M. Combs
Date: 9-20-88

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

B 1 5869 SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-81-2780

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

please print or type

fill in this form completely

Date Received (APA)

042288

OWNER INFORMATION

BUCKLER ROBERT

6601 PROSPECT AVE

CLYBORN MD 21071

B 3

LOCATION OF WELL

HOWARD

WARTFIELD RESTATES

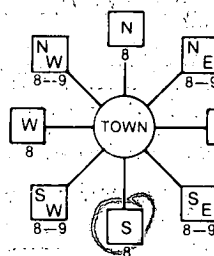
SECTION 1 LOT 36

GLENWOOD

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

B 4

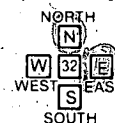
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



RAC. C. ZINTOCK DR

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 175

ENTER FT or MI FF

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 3

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 650

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 A 34868 COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED

060688 A Nifon 12-6-88 CO SIGNATURE EXP. DATE

NORTH GRID 526000 EAST GRID 0793000

APPROXIMATE DEPTH OF WELL 200 FEET

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

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)

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

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. HO-81-2780

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

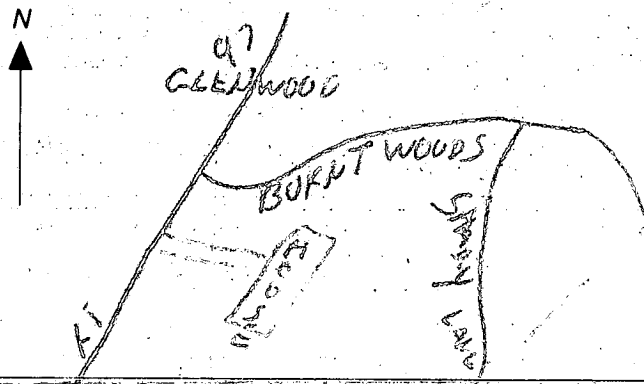
SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

7903 5206

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



6/20/88

granted 6/18/88

location as per staked

76' casing 13'-2' above

? / open

counted 16 bags at site

140 sample picked up

RECEIVED
HOWARD GOULD
HEALTH DEPT
APR 13 3 57 PM '88
MICHIGAN
DEPARTMENT OF
HEALTH

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34868

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 1/25/85

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 Robert Buckler

ADDRESS _____ PHONE Olen Ketterman 442-1336

PROPERTY LOCATION: NEW LOT 36 SECT 7

SUBDIVISION Warfield Estates LOT NO. 7 Parcel C1

ROAD AND DESCRIPTION 14570 MacClintock Drive & Stapleton Drive

SIZE OF LOT _____ TYPE BLDG. 3 or 4 Bedrooms
(NUMBER OF BEDROOMS)

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. /s/ Olen Ketterman
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR SHALLOW SYSTEM DATE 1985

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/14/85 Hold for Review House set lower than Solep

BLDG. PERMIT SIGNED
AND RETURNED 7/6/88

BP 19512
SAL

THIS IS NOT A PERMIT

SOIL PROFILE

0'

| | | | | |
|--|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|------|----------|-------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| | | | | | | | |
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| | | | | | | | |

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EH-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34868

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

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(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

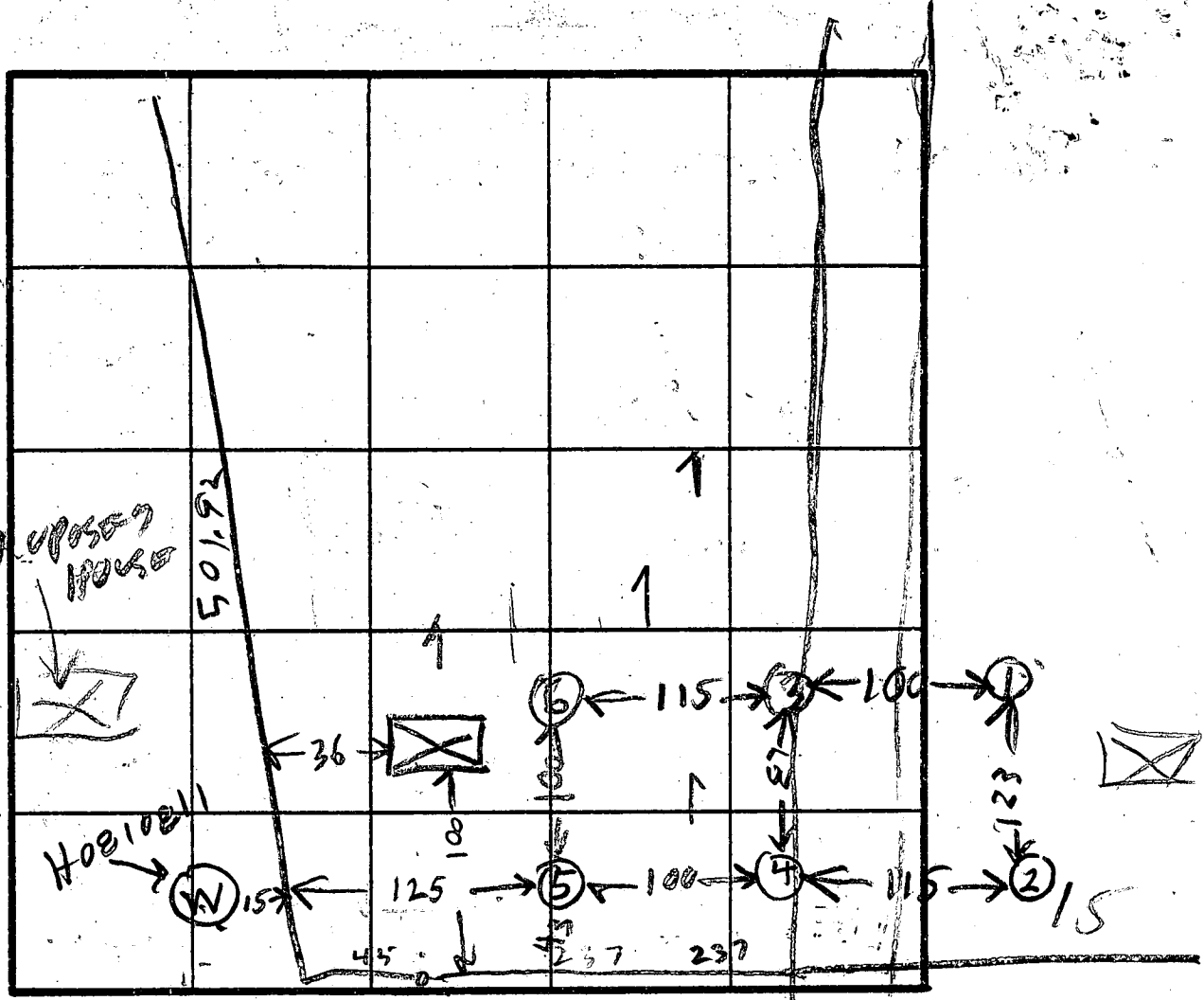
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

Lot C1



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

MAC CLINTOCK

SOIL PROFILE
 5
 BROWN CLAY
 BROWN SAND LOAM

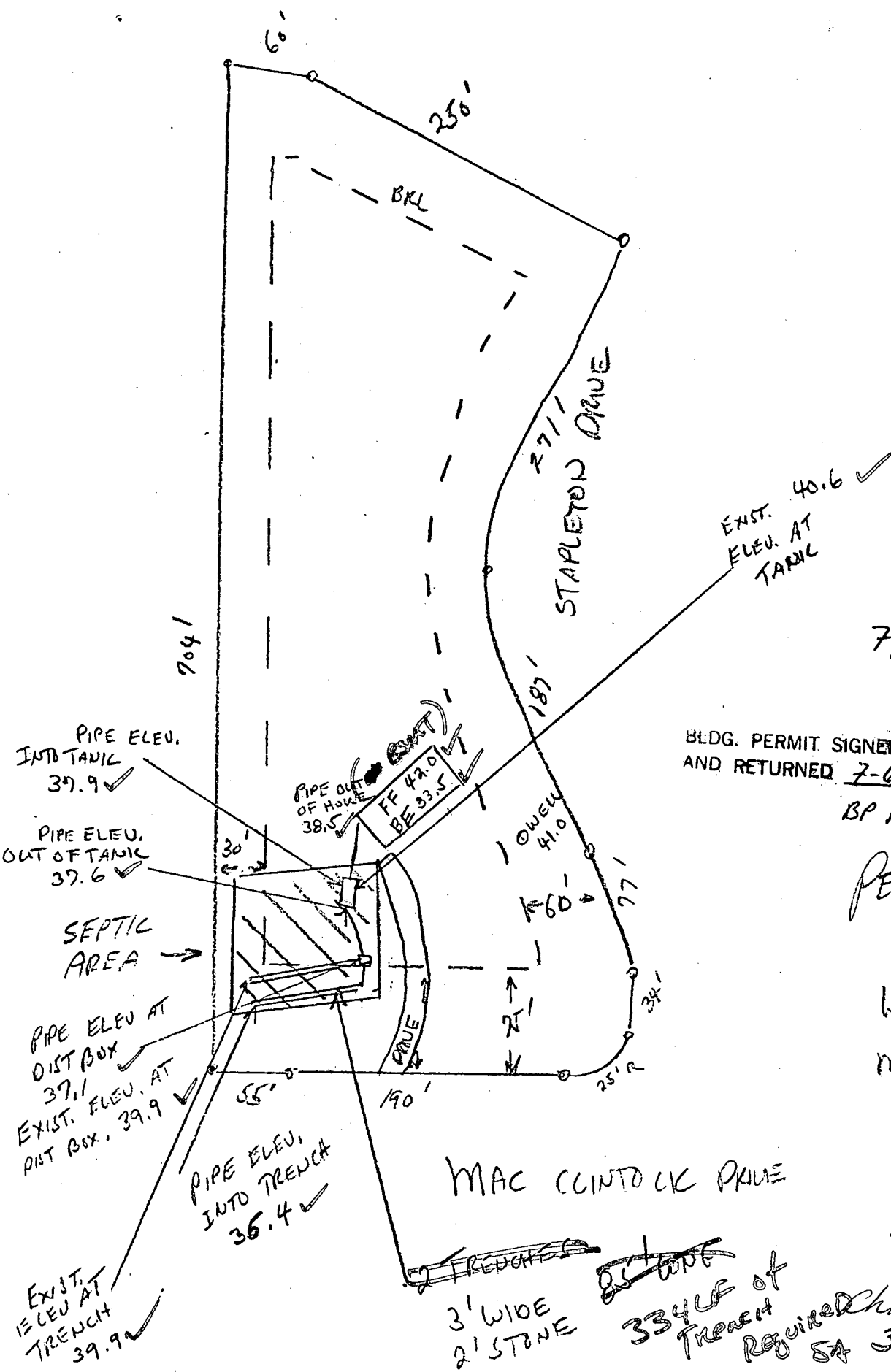
6
 TOPSOIL
 GRAY BROWN SAND

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|--------|---------|------|----------------|------|------|
| | | | START | STOP | START | STOP | |
| 1/15/58 | * 3 S | 5 | 222 | 231 | 236 | 246 | 10 |
| | 3 V | 13 | LOOKS | OK | | | |
| | * 4 S | 4 1/2 | 239 | 242 | 242 | 246 | 4 |
| | 4 V | 12 1/2 | LOOKS | OK | | | |
| | 5 S | 3 1/2 | 252 | 255 | 255 | 259 | 3 |
| | 5 V | 12 | LOOKS | OK | | | |
| 2/15/58 | 6 S | 3 | 254 | 256 | 256 | 260 | 2 |
| | 6 V | 14 1/2 | LOOKS | OK | | | |

HOLE ELEV.

(245) = HIGH
 (136) = LOW

REMARKS * ON LINE HOLES BETWEEN C1 & C2
 HOUSE SITE LOWER THAN HOLE 5
 TYPE OF SOIL BUT MAY BE OK TO BUILD GROUND UP
 TESTED BY B HODGES
 ALSO PRESENT O. KETTERMAN JR



7/6/88
 elevations by
 S. AC

BLDG. PERMIT SIGNED
 AND RETURNED 7-6-88

BP 19512
 SAC
 PERMIT # 19512

LOT #36
 WARFIELD ESTATES
 MR. + MRS. ROBERT
 BUCKLER
 3.932 ACRES

SCALE 1" = 100 FT.

MAC CLINTOCK PRIME

~~2' TRENCH~~
 3' WIDE
 2' STONE
 334' UP of
 Trench Required
 Charles Wilder -
 SA 301-526-7560