

4/9/90 ANYTIME

04-348796

# PERMIT

P 45789

SEWAGE DISPOSAL SYSTEM

A 31121

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 4/8/90

INDEXED

DATE SYSTEM APPROVED 4/16/90

INSPECTOR M. Rifkin

Walter W. King Plumbing & Heating Contractors, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 5305 King's Court, Frederick, Maryland 21701 PHONE 1-301-662-6990

SUBDIVISION Ellerslie Court ROAD 3130 Ellerslie Court LOT 6

PROPERTY OWNER Martin + Joan Tagereri Pulte Homes JANICE Rub

ADDRESS \_\_\_\_\_

~~SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 10%~~

~~CARBON CHANDER~~ XXXXX

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

219  
31840  
380

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 305 ft from the front lot line and 80 ft from the right lot line as seen facing the lot from Ellerslie Ct. Run trenches on contour toward the rear lot line.

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

Trenches #1-3 have about 2.5 ft of elevation difference along length of trench, JEN

PLANS APPROVED BY Sid Abel cm DATE 05/23/89

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

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

BLDG. PERMIT SIGNED

AND RETURNED 4/20/90

Serial # 00510 - Pro

BLDG. PERMIT SIGNED

AND RETURNED 4/10/91

Serial # 38386 - Pro

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

BLDG. PERMIT SIGNED

AND RETURNED 5-27-98

Serial # B10 111874  
purpose tank

51121

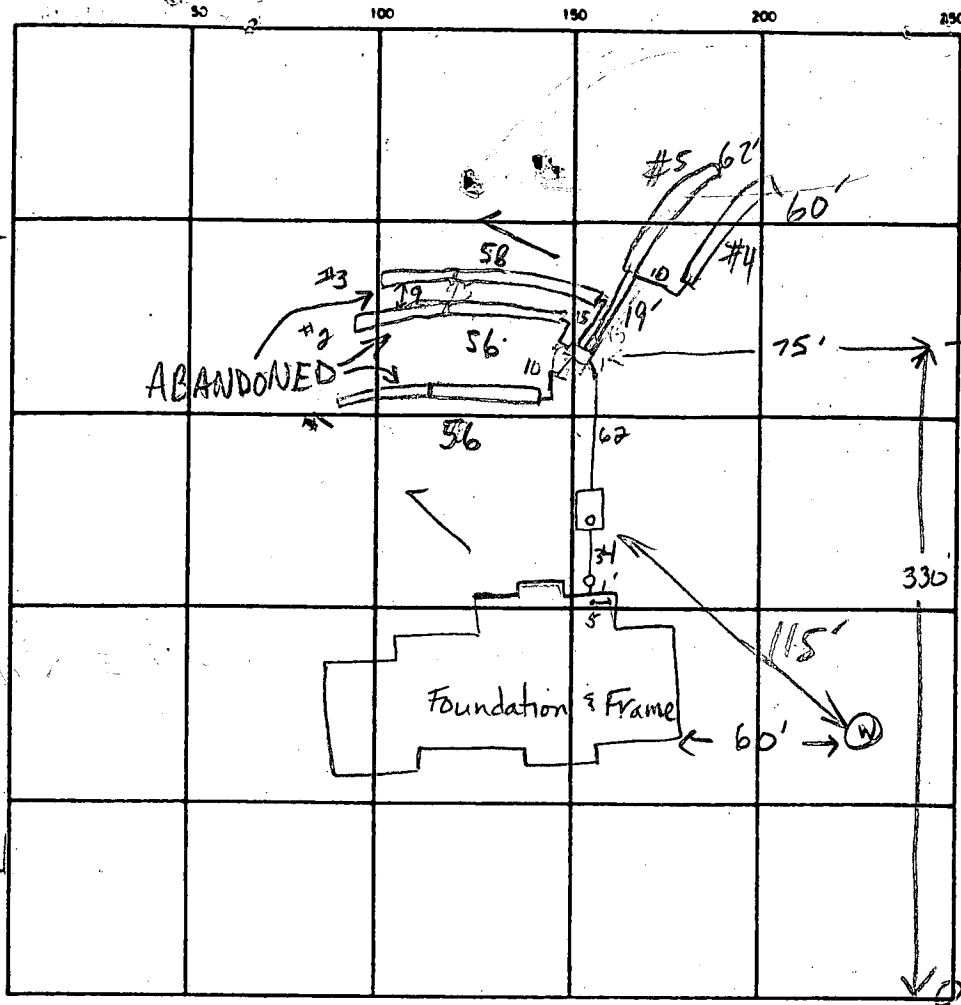
Mike  
Byer  
Superintendent

#1 5' 1/2" change  
#2 4' 6" in slope  
#3 3' 5 3/4" inlet to inlet

#1, 2, 3 to be 55' long  
maximum,  
about 2.5 ft  
drop from  
front of trench

Need 120 ft additional  
trench.

5' 3 3/4"  
16' 3"  
28' 2"  
16' 5"  
11' 6"



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Ellershe Court

SEPTIC TANK LEVEL 1250 GAL-OK CLEANOUTS 1 at house, 1 on s. tank

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD. DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①56 ②58 ③60 ④62 FT.

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA ①168 ②174 ③180 ④186 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 876 SQ. FT.

REMARKS 11-9-90 Trenches all run downhill. Stop work order issued -EN  
11-13-90 Met contractor on-site. Trenches #1-3 to be 55 ft long with 2-60 ft long  
trenches to run along contour at upper end of SDA. DEN 11/16/90 #45'  
ABANDONED AT EACH END OF EX. TRENCH; NEW TRENCHES  
OK, ALL WORK OK TO COVER MR

DATE SYSTEM APPROVED 11/16/90 INSPECTOR M. Ripkin

# APPLICATION

*Pres.*

A 31121  
P \_\_\_\_\_

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT FOURTH

DATE JANUARY 19, 1981

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. WILLIAM MITCHELL *Pulte Home Corp*

ADDRESS 13071 TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION

SUBDIVISION ROSEBAR

ROAD AND DESCRIPTION NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNTWOODS ROAD AND HOBBS ROAD.

*3130 ELLERSLIE COURT*

SIZE OF LOT 3 Ac. ± TYPE BLDG. SINGLE FAMILY

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

SIGNATURE OF APPLICANT *Charles J. Conrad Sr.*

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

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

HOLD PENDING FURTHER TESTS *C.B. Shecker* DATE *1/26/81*

REASONS FOR REJECTION OR HOLDING *WET SEASON CHECK FOR REDESIGN SEWAGE*

*AREA OUT OF ORIGINAL AREA C.B.V. 1/27/81 REDESIGN*

*ED + TESTS TO FRONT OF LOT*

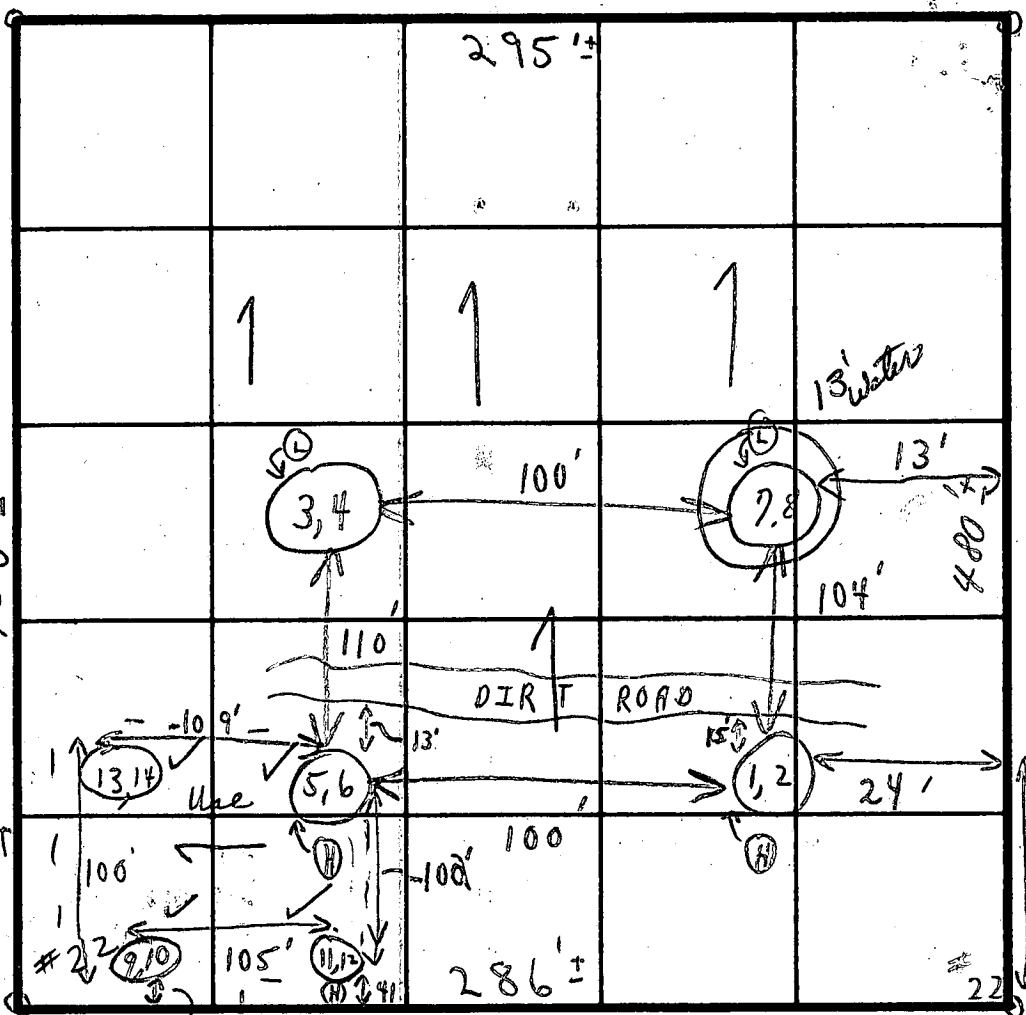
*C.B.V.*

# THIS IS NOT A PERMIT

#6 = #2/6  
5/15/81

SOIL PROFILE

SEE EACH HOLE BELOW  
↓



FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
UN NAMED ROAD

SOIL PROFILE

|                            | DATE      | TEST NO. | DEPTH  | PRE-WET |      | TEST - 1' DROP |      | TIME   |
|----------------------------|-----------|----------|--------|---------|------|----------------|------|--------|
|                            |           |          |        | START   | STOP | START          | STOP |        |
| 1'-3 1/2' clay             | 1/26/81   | 1        | 3 1/2' | 1:44    | 1:47 | 1:47           | 1:52 | 5 min  |
| 3 1/2' loam<br>to 12'      |           | ② 2      | 7 1/2' | 1:43    | 1:48 | 1:48           | 1:53 | 5 min  |
| 1'-3' clay                 |           | 3        | 3'     | 1:25    | 1:27 | 1:27           | 1:33 | 6 min  |
| 3' loam<br>to 12'          |           | ④ 4      | 9'     | 1:23    | 1:25 | 1:25           | 1:28 | 3 min  |
| 1'-3' clay                 |           | ⑤ 5      | 3'     | 1:59    | 2:00 | 2:00           | 2:02 | 2 min  |
| 3' loam carrying<br>to 11' |           | ⑥ 6      | 7 1/2' | 1:59    | 2:01 | 2:01           | 2:03 | 2 min  |
| 1'-3' CLAY                 |           | 7        | 3'     | 2:19    | 2:25 | 2:25           | 2:38 | 13 min |
| 3'-8' LOAM<br>WATER 13'    |           | ⑧ 8      | 7 1/2' | 2:19    | 2:28 | 2:28           | 2:49 | 21 min |
| 1'-4 1/2' clay             | 4/29/81   | ⑨ 9      | 4 1/2' | 2:45    | 2:49 | 2:49           | 3:03 | 14 min |
| 4 1/2' loam 12'-8"         | " " " " " | ⑩ 10     | 9 1/2' | 2:46    | 2:49 | 2:49           | 3:02 | 13 min |
| 1'-4 1/2' clay             |           | ⑪ 11     | 4 1/2' | 2:48    | 2:56 | 2:56           | 3:19 | 23 min |
| 4 1/2' loam 13'            |           | ⑫ 12     | 10'    | 2:48    | 2:55 | 2:55           | 3:12 | 17 min |

8'-10" LOAM + SAND + STONE  
13' WATER DAMP

REMARKS: 1/24/81 1 LOW HOLE WATER 12'-13' TESTS IN OPEN FIELD {HOLD FOR WET SEASON}

4'-LOAM to 12" 10" TYPE OF SOIL: 13 4' 8-10" 14  
TESTED BY: C.B. ✓ 888 11 min avg } R. FYOCK SKIP  
ALSO PRESENT: C. CROVO + ASSG.

# APPLICATION

*Perit*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31118  
P \_\_\_\_\_

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

DISTRICT FOURTH

DATE JANUARY 19, 1981

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. WILLIAM MITCHELL

ADDRESS 13071 TRIADELPHIA ROAD, ELLICOTT CITY, MD. 21043 PHONE 988-9207

PROPERTY LOCATION:

SUBDIVISION ROSEBAR LOT NO. 19

ROAD AND DESCRIPTION NORTHWESTERLY CORNER AT THE INTERSECTION OF BURNTWOODS ROAD AND HOBBS ROAD.

SIZE OF LOT 13 Ac. +- TYPE BLDG. SINGLE FAMILY

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.

SIGNATURE OF APPLICANT Charles J. Crow Jr.

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

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

HOLD PENDING FURTHER TESTS C.B. Stecker DATE 1/27/81

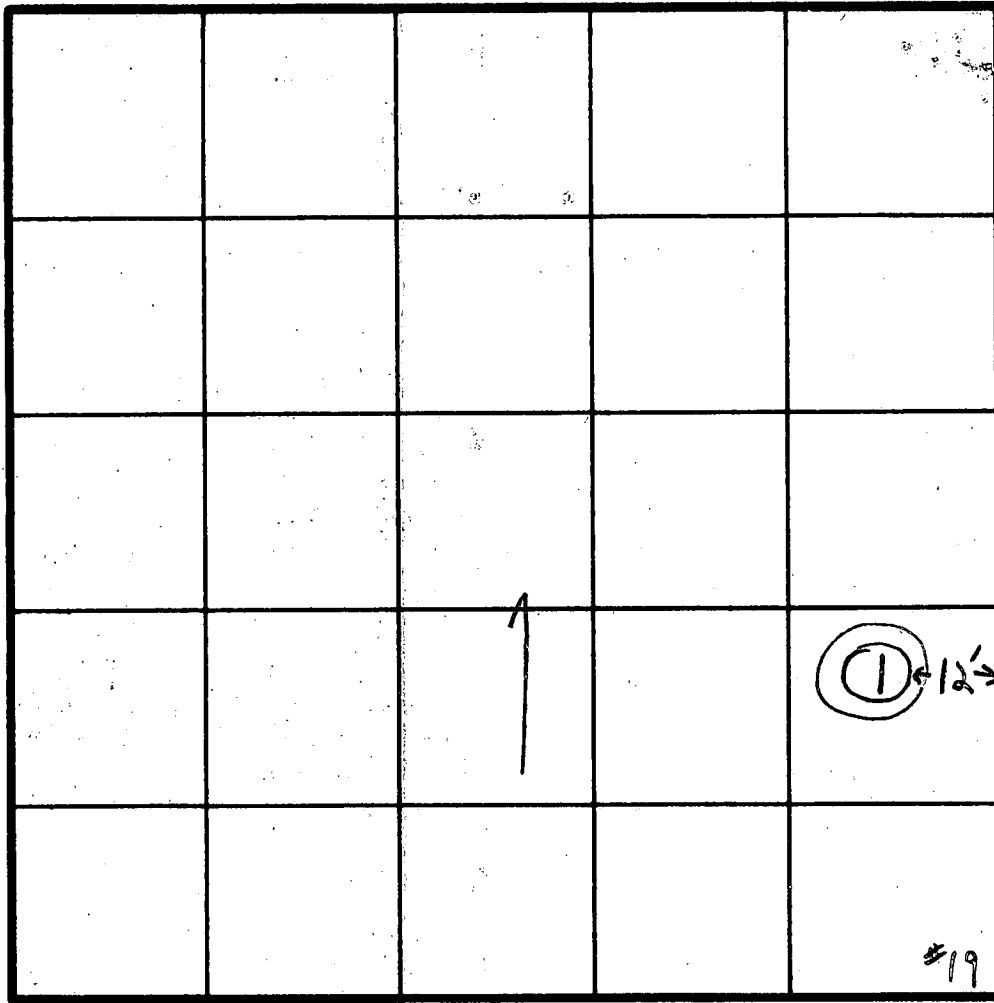
REASONS FOR REJECTION OR HOLDING WATER @ HOLE, C.B.S.

# THIS IS NOT A PERMIT

#19

SOIL PROFILE

SEE EACH HOLE BELOW



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

UNNAMED ROAD

SOIL PROFILE

| SOIL PROFILE          | DATE    | TEST NO. | DEPTH | PRE-WET |       | TEST - 1" DROP   |      | TIME |
|-----------------------|---------|----------|-------|---------|-------|------------------|------|------|
|                       |         |          |       | START   | STOP  | START            | STOP |      |
| { WATER @ 10" - 11" } | 4/22/81 | 1        | 1     | CLAYES  | 1'-6" | WATER @ 10-11" X |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |
|                       |         |          |       |         |       |                  |      |      |

REMARKS HOLD FOR WET SEASON

TYPE OF SOIL \_\_\_\_\_

TESTED BY C. B. S. ALSO PRESENT CROVO & ASST  
R. FYOCK  
SKIP

0221540

N 75° 11' 35" W

320±

263.00'

260±

30±

230±

N 60° 45' 25" W  
200±

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

BUILDING RESTRICTION LINE

LOT 6  
3.6 Ac±

LOT 5  
3.6 Ac±

LOT 4  
3.1 Ac±

LOT 3  
3.0 Ac±

LOT 2  
3.1 Ac±

STA 2+48  
LIMIT OF  
LINEAR  
PROFILE

BITUMINOUS MOUNTABLE CURB

ABLE  
BY THE  
HEALTH OFFICER  
AND 7" COMB. COND.  
& GUTTER



FILE

B 1 1157 SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

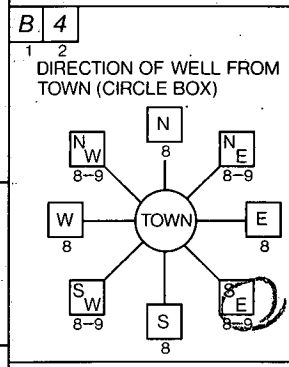
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

STATE PERMIT NUMBER  
110-88-0493  
 fill in this form completely

Date Received (APA) 030289  
 OWNER INFORMATION  
 KOREN DEVELOPMENT  
 CENTRE PARK JR  
 COLUMBIA MD 21045

B 3 LOCATION OF WELL R-43207  
 HOWARD COUNTY  
 ELLERSLIE  
 SECTION 44 46 LOT 6 50  
 GLENWOOD  
 MILES FROM TOWN (enter 0 if in town) 1 MI

DRILLER INFORMATION  
 George F. Easterday  
 L. Franklin Easterday, Inc.  
 9205 Brown Church Rd., Mt. Airy, Md. 21771  
 Signature: George F. Easterday Date: 3/1/89



ELLERSLIE CT  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD 710 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  
 A-31121 COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  
 DATE ISSUED 031589 CO SIGNATURE Sidney Cole EXP. DATE 09-14-89  
 NORTH GRID 528000 EAST GRID 0799000

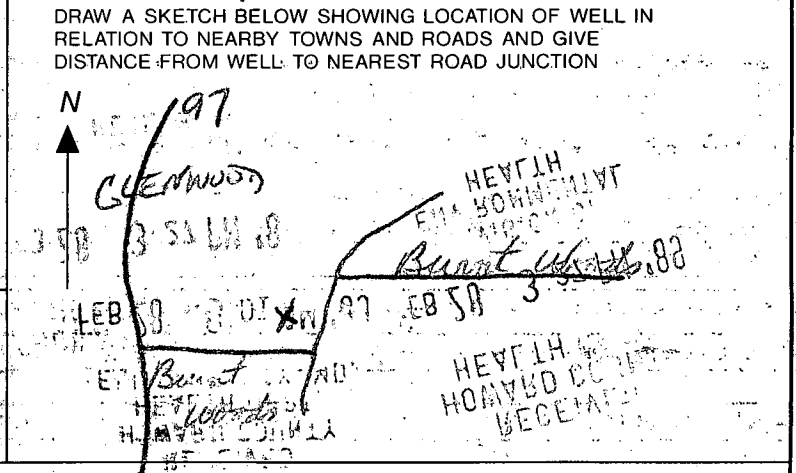
APPROXIMATE DEPTH OF WELL 200 FEET

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

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  
 E 7904  
 N 5208

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE): \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 FORCE SA PERMIT No. 110-88-0493

SPECIAL CONDITIONS

**C1** 2330 SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

**STATE OF MARYLAND  
 WELL COMPLETION REPORT**  
 FILL IN THIS FORM COMPLETELY  
 PLEASE PRINT OR TYPE

PROVIDER MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
 COUNTY NUMBER **A 31121**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ]  
 DATE WELL COMPLETED **06/28/89**

Depth of Well **200** Per driller  
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"  
**HO-88-0493**

OWNER **Kenon Development**  
 STREET OR RFD last name **Simpson** first name **Kenon** TOWN **Greenwood**  
 SUBDIVISION **Simpson** SECTION **1** LOT **6**

**WELL LOG**  
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

| DESCRIPTION (Use additional sheets if needed) | FEET |     | Check if water bearing |
|---|------|-----|------------------------|
|   | FROM | TO  |                        |
| Top Soil                                      | 0    | 1   |                        |
| Red clay                                      | 1    | 4   |                        |
| Br. mica                                      | 4    | 20  |                        |
| Tan mica                                      | 20   | 30  |                        |
| Blk. mica                                     | 30   | 110 |                        |
| Sand stone                                    | 110  | 112 | ✓                      |
| Mical   | 112  | 200 |                        |

*Per permit 6/28/89 CO*

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL **CM** **BC**  
 CEMENT BENTONITE CLAY  
 NO. OF BAGS **10** NO. OF POUNDS **1400**  
 GALLONS OF WATER **50**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **24** ft.  
 (enter 0 if from surface)

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

MAIN CASING TYPE **ST**  
 Nominal diameter top (main) casing (nearest inch) **6**  
 Total depth of main casing (nearest foot) **27**

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

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

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN 1 **HO** 2 **27** 3 **200**  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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. **40**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
**Blane Lee Jones**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_  
 DIAMETER OF SCREEN [ ] [ ] [ ] [ ] (NEAREST INCH)  
 56 60

GRAVEL PACK from [ ] to [ ]  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 **68**

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T (E.R.O.S.) **WQ**  
 70 [ ] 72 [ ] 74 75 76 [ ] [ ] [ ]  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Permit**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **8**  
 WHEN PUMPING **90**  
 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: **29**  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) [ ] [ ] [ ] [ ]  
 PUMP HORSE POWER [ ] [ ] [ ] [ ]  
 PUMP COLUMN LENGTH (nearest ft.) [ ] [ ] [ ] [ ]  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 (+) above } LAND SURFACE (nearest foot) **2**  
 (-) below }

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)

**SEE plot plan**

11/16/90

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   X    
Replacement       

Receipt # 45805  
Date 04/20/90

Name of Installer W.W.King Plbg. & Htg. Contr.. INC.

Telephone 1-301-662-6990

License Number 2217

Certified Well Pump Installer        Well Driller        Registered Plumber   X  

Name of Property Owner Pulte Homes

Telephone 1-301-681-5800

Subdivision Ellerslie Est/Glen Manor Lot # 6

Well Tag # HO - 98 - 0493

Site Address 3130 Ellerslie Ct.

Pump

- 1. Type
  - a. Deep well jet
  - b. Shallow well jet
  - c. Submersible   X
- 2. Make Goulds
- 3. Model # 5ES05422===
- 4. Capacity 5 GPM
- 5. Pump exceeds well capacity Yes        No   X
- 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   X   Other

Motor

- 1. Horsepower 1/2
- 2. RPM 3500
- 3. Voltage       
  - a. 110
  - b. 220   X

Pitless Adapter

- 1. Make Martinson
- 2. Model # BP-10X
- 3. Depth 42" min  
60" max

Tank

- 1. Capacity 80
- 2. Pressure relief valve? yes

Piping

- 1. Type plastic 160#
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 42" min  
60" max

Well data

- 1. Depth 160 ft.
- 2. Yield 40 GPM
- 3. Static water level        ft.
- 4. Will water supply be disinfected by installer? yes

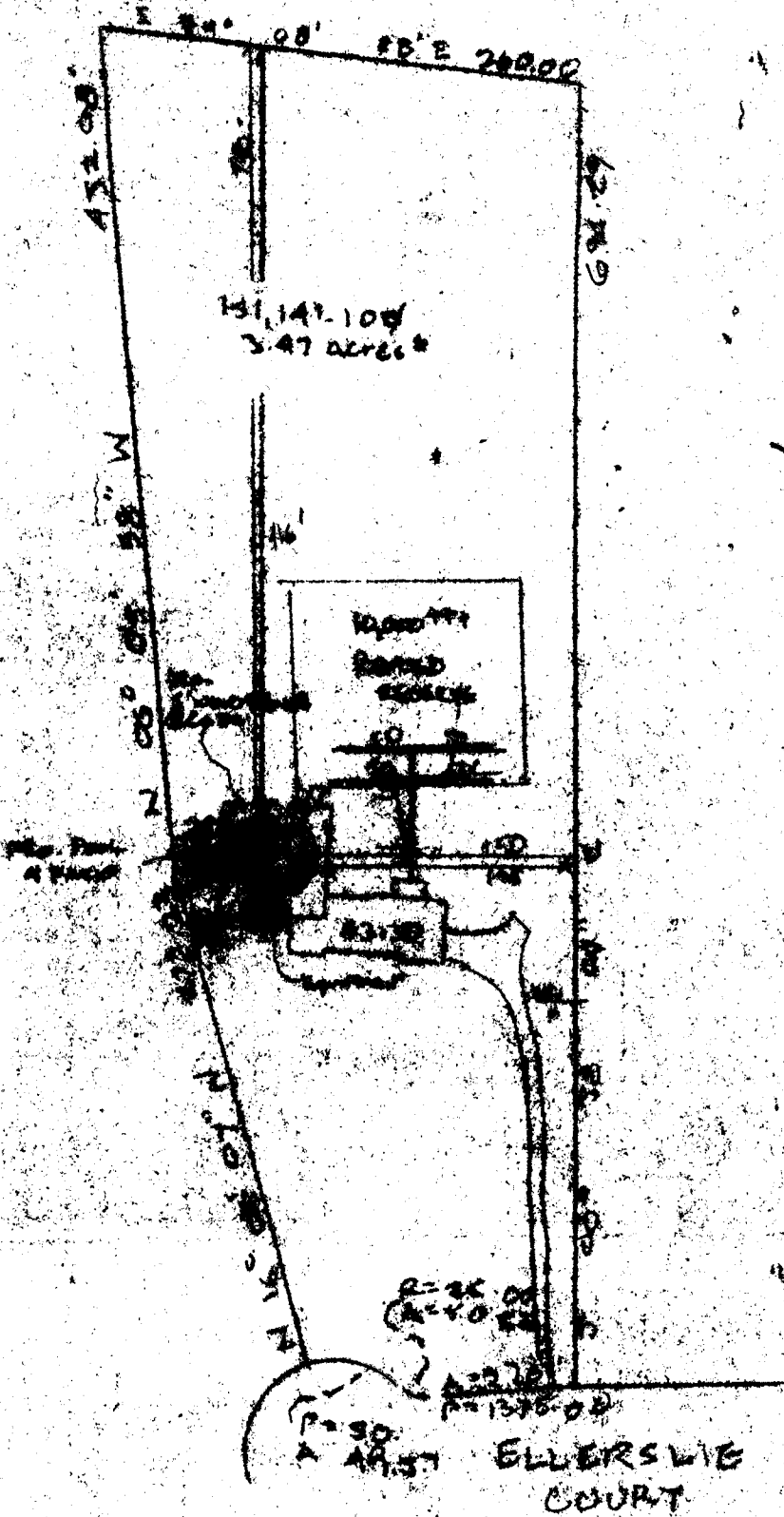
P.A. OK @ 3 1/2' ±  
BELOW FINISHED GRADE  
MR 11/16/90

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: Walter W King  
Date: 4-17-90

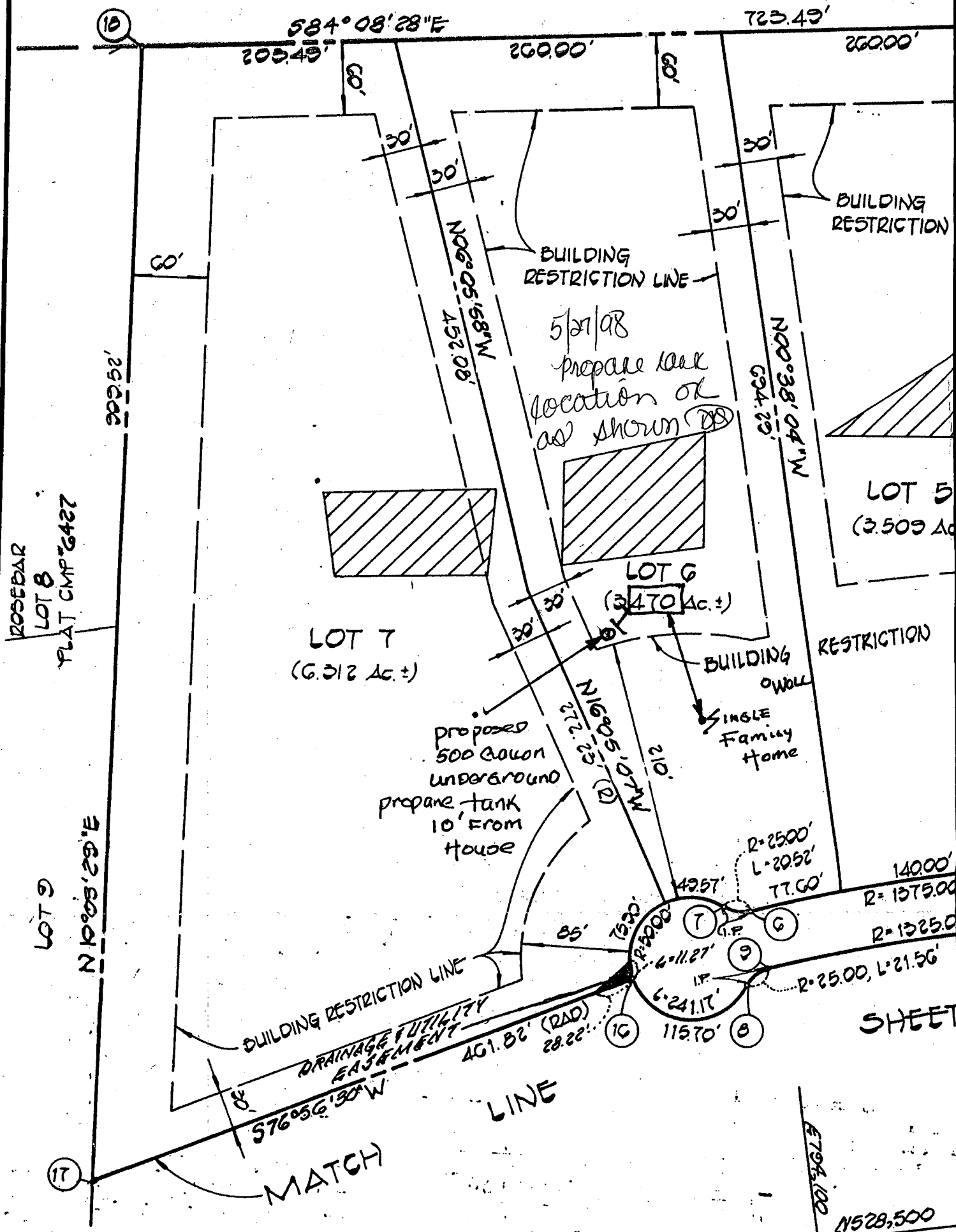
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



A ARIST ELLERSWIE COURT

SCALE 1"=100'

Property of  
WARREN H. BOYER  
1532/328



**AREA TABULATION FOR SHEET 2 OF 2**

|   |             |
|---|-------------|
| TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED.....  | 8           |
| TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED..... | 0           |
| TOTAL NUMBER OF LOTS TO BE RECORDED.....            | 8           |
| TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED.....    | 31.739AC. ± |
| TOTAL AREA OF OPEN SPACE TO BE RECORDED.....        | 0.000AC. ±  |