

10/19/87
Anytime

10/22
Final
AM

05-398959

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 39891

A 35419

DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 8/19/87

DATE SYSTEM APPROVED 10/22/87

INSPECTOR RH

I. L & F Plumbing IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION Lime Kiln Valley II ROAD 7641 Green Dell Lane LOT 29, Sec. 2

PROPERTY OWNER Westin Builders

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 193 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 260 feet from the front lot line and 80 feet from the right side of the lot as seen when facing the lot from Green Dell Lane. Run the trenches along level ground toward both the right side of the lot and the left side of the lot.

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

OK/SK

PLANS APPROVED BY R. Hodges DATE 7/25/86

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).

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.

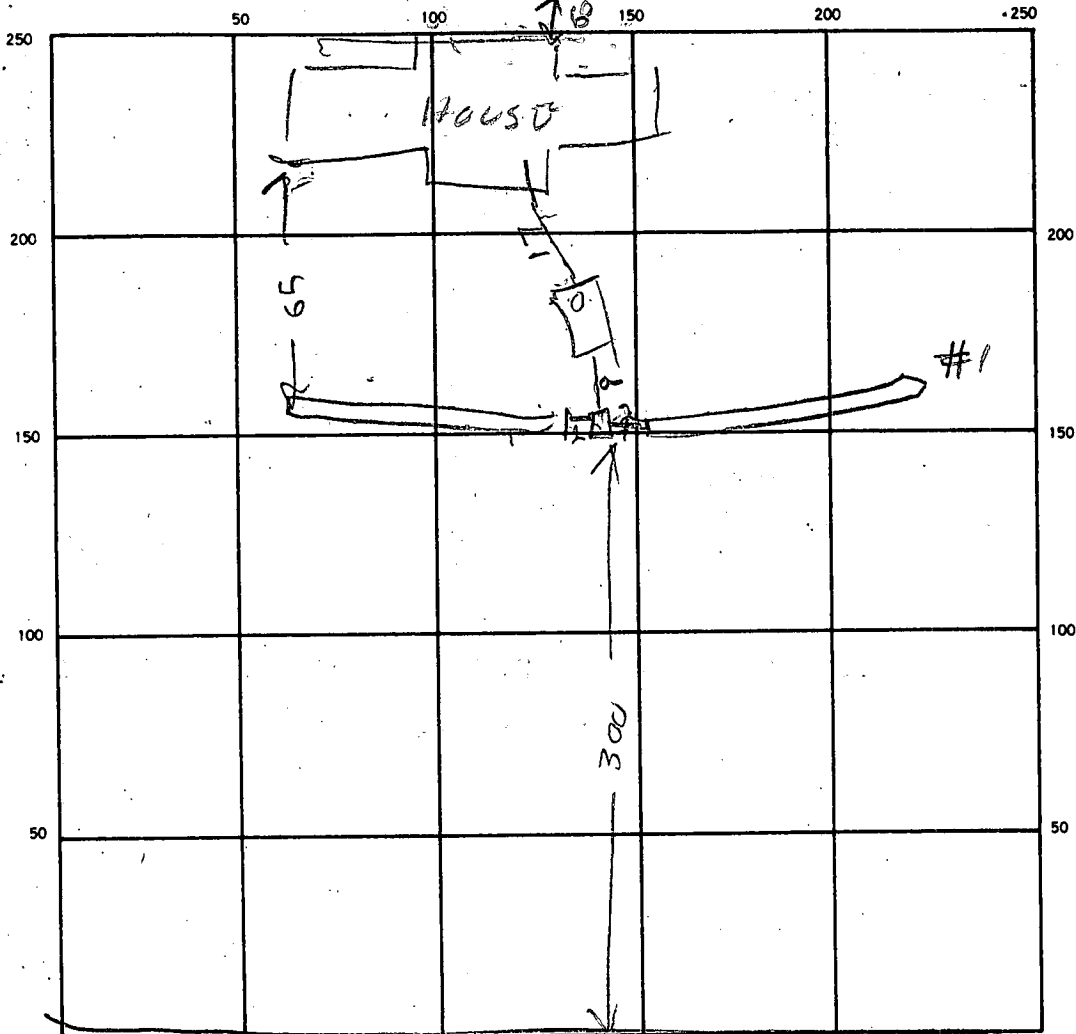
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A-35419



SEPTIC TANK. LEVEL OK 2000 CLEANOUTS OK

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 9 1/2 FT. TRENCH WIDTH 2 1/2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 6 1/2 FT. TOTAL LENGTH 23 1/2 FT. TOTAL 983 REQUIRED 772

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 498 | 485 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 10/19/87 LOCATION OK TRENCHES OK ADD STONE

FINISH JOB & CALL R HODGES

10/22/87 JOB FINISHED

DATE SYSTEM APPROVED 10/22/87 INSPECTOR Raymond Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND · DEPARTMENT OF HEALTH AND MENTAL HYGIENE

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

A 35-419

P _____

DISTRICT 5th

DATE April 3, 1985

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 Grace A. E. Eisenhardt c/o Tracy, Schulte & Associates, Inc.

ADDRESS 8450 Baltimore National Pike, Suite 34 PHONE 465-6105

PROPERTY LOCATION

SUBDIVISION Lime Kiln, Section 2 LOT NO 31

ROAD AND DESCRIPTION Southwest of Green Dell Lane; West of Brown's Bridge Road

SIZE OF LOT 3.000 Ac TYPE BLDG N/A
(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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

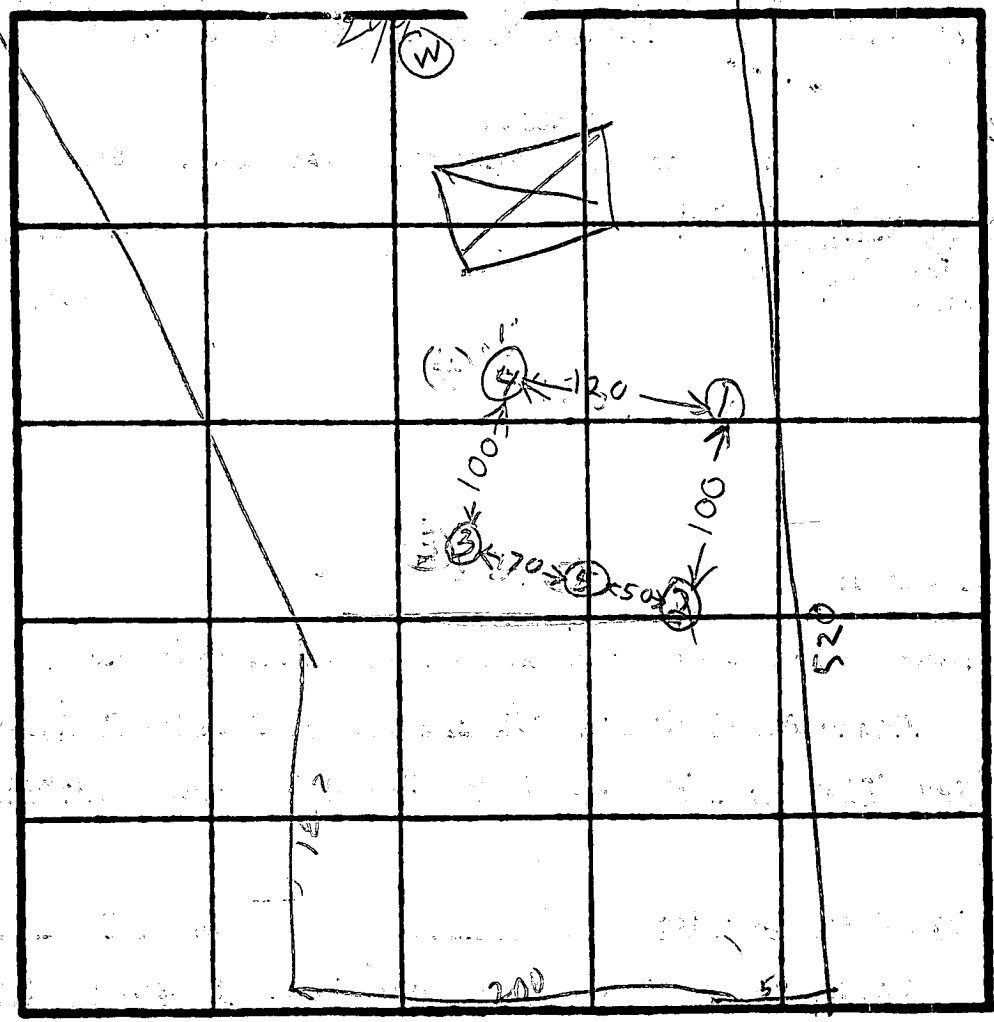
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

SOIL PROFILE

1
2
3
BROWN CLAY
BROWN SAND LOAM



HOLE ELEVATION

- ④ = HIGHEST
- ⑤ = LOWEST
- ① = NEXT HIGHEST
- ② = NEXT LOWEST
- ③ = MEDIUM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/11/85	1S	3 1/2	1123	1124	1124	1126	2
	2V	12	LOOKS	OK			
	2S	3 1/2	1128	1135	1135	1041	6
	2V	12 1/2	LOOKS	OK			
	3S	3 1/2	1155	1157	1157	1200	3
	3V	12	LOOKS	OK			
	4S	3 1/2	1208	1210	1210	1214	4
	4V	12 1/2	LOOKS	OK			
	5V	11	LOOKS	OK			

F TIME 4min
 INLET 8.5 -
 BOTTOM 8.5 -

4
BROWN CLAY
LIGHT BROWN SAND LOAM
11
4

3
BROWN CLAY
RED BROWN SAND LOAM

REMARKS HOLES DUG PER SURVEYOR PLAT EXCEPT ⑤

TYPE OF SOIL
 TESTED BY RHODGES ALSO PRESENT KHATHFIELD

EH-12-1079

B 1 1738

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

01-01-1653

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

please print or type

fill in this form completely

Date Received

8 13

OWNER INFORMATION

SECURITY DEVELOPMENTS
8 NORMANBY SHOPPING
FILLICOTT CITY MD 21043

B 3

LOCATION OF WELL

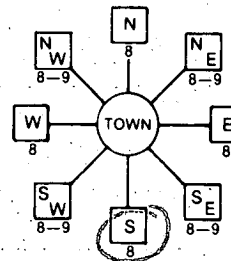
HIGHLAND COUNTY
LINE KILM VAILEY
SECTION 9 LOT 49
HIGHLAND
MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION

Ralph Maune
Ralph Maune Well Drilling
210 Browns Church Rd. Ar. Ar. Md.
Ralph Maune 7/22/86

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



GREENWELL RD
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



340
DISTANCE FROM ROAD

ENTER FT or MI

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-35499 COUNTY NO.
OEP SIGNATURE STATE HEALTH INSERT S
DATE ISSUED 092986 CO SIGNATURE EXP. DATE
NORTH GRID 483000 EAST GRID 0813000

APPROXIMATE DEPTH OF WELL 150 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

REPLACEMENT OR DEEPEMED 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 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 SA WRITE INITIALS PERMIT No. 01-01-1653

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

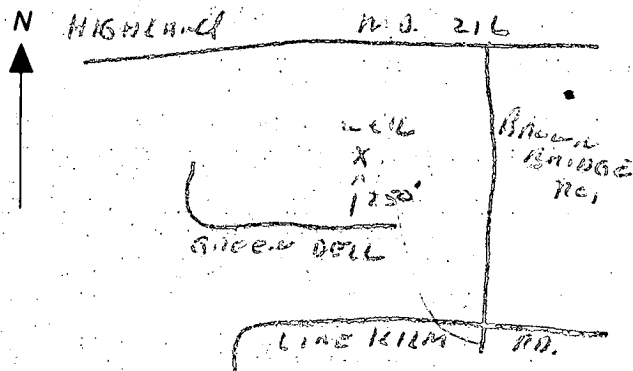
SOURCES OF DRILLING WATER

- 1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8103
4593

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



9/9/86

35' casing

32' open

8 bags cement

Location as per stake
(approved site)

H₂O sample taken

C1 5282

SEQUENCE NO. (OEP 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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A-35419

DATE Received

DATE WELL COMPLETED 060986

Depth of Well 220 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-1653

OWNER SECURITY DEVELOPMENT last name GREEN DELL LA first name TOWN HIGHLAND SUBDIVISION LIME HILL VALLEY EST. SECTION 2 LOT 29

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy Sand Stone, MICA, Sand Stone, MICA.

GROUTING RECORD section including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD section including: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING Nominal diameter, Total depth.

SCREEN RECORD section including: screen type or open hole insert appropriate code below (ST, BR, HO, PL, OT), DEPTH (nearest ft.)

SCREEN RECORD table with columns for depth and screen type codes (HO, BR, ST, PL, OT).

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. ELECTRIC LOG OBTAINED. 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...

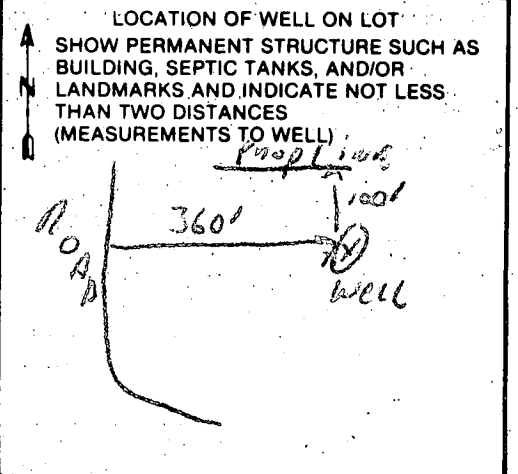
DRILLERS IDENT. NO. 303, DRILLERS SIGNATURE (Kahh E. Adams), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

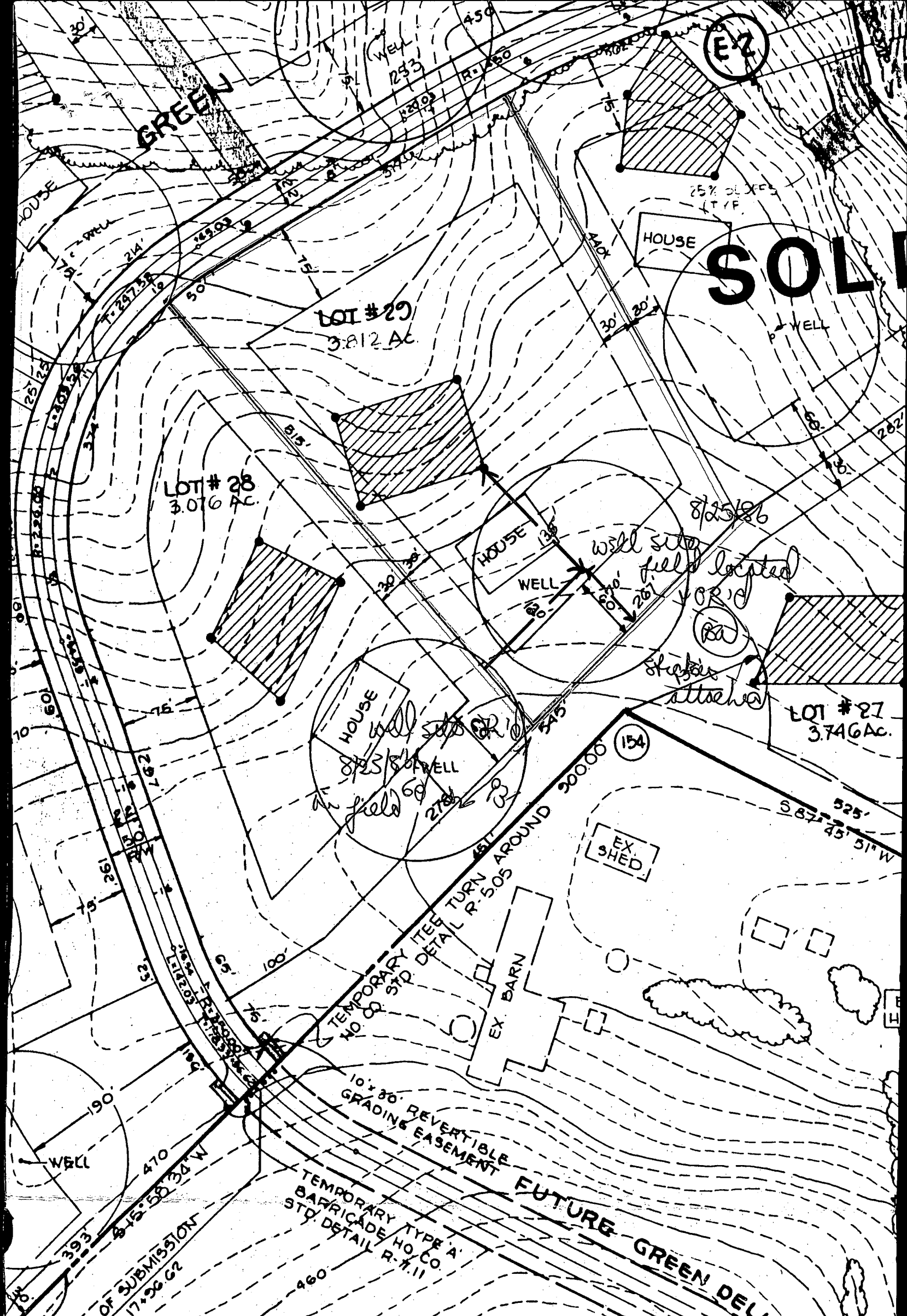
GRAVEL PACK section including: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) section including: T (E.R.O.S.), WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST section including: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL, TYPE OF PUMP USED (S submersible).

PUMP INSTALLED section including: DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.





PROJECT **LIME KILN VALLEY**
 SECTION 2 AREA 1
 LOTS 15 THRU 32

LOCATION HOWARD COUNTY, MARYLAND
 5TH ELECTION DISTRICT
 TAX MAP 40 PARCEL 116

I authorize Ralph Mayne
to sign pump papers

James D. King