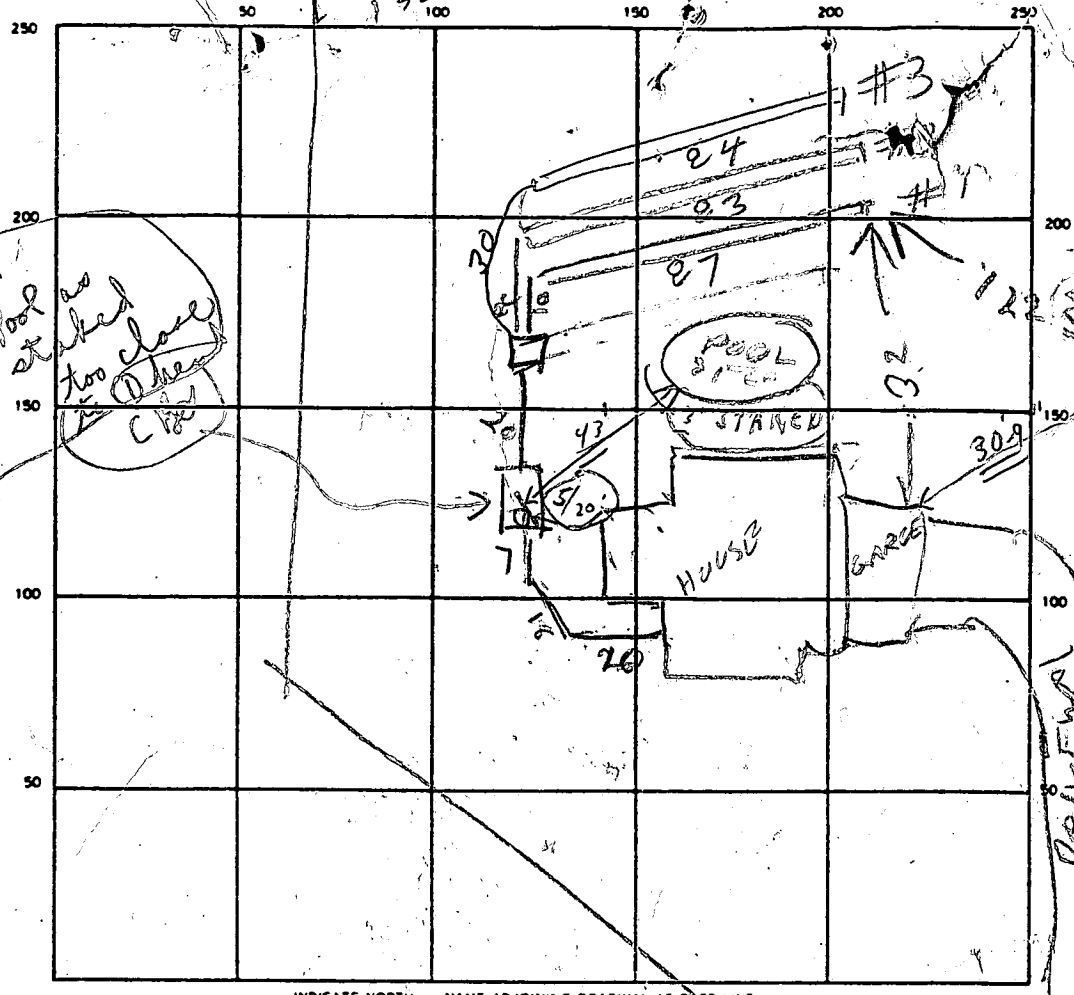




SEE PLANS



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 CLEANOUTS 57 OK

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 27 | 23 | 24

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 762 SQ. FT.

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

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 7/12/90 - LOCATION OK. OK TO COVER TRENCH #18 & 2  
TANK & HOUSE SEWER 7/12/90 TRENCH #3 OK

DATE SYSTEM APPROVED 7/12/90 INSPECTOR Raymond W. Hodges

# APPLICATION

PERCOLATION TESTING

A 44657

P \_\_\_\_\_

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

PERC. TEST TO  
MOVE SEPTIC DOWNHILL  
AS FAR AS POSSIBLE  
TO ACCOMMODATE HOUSE SITE PLANS.

DISTRICT \_\_\_\_\_

DATE 6/30/89

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

6/29/89 C.W.

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER HENRY H FERRERO & Junice Graft

ADDRESS 6100 NAVAL AVE, Lanham, MD 20706 PHONE 301-459-3927

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION ROVER MEADOWS LOT NO. 7

ROAD AND DESCRIPTION 13910 ROVER MAILL ROAD  
WEST FRIENDSHIP, MD

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT 4+ Acres TYPE BLDG. SINGLE FAMILY  
(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. Henry Ferrero

(SIGNATURE OF APPLICANT)

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

BOG. PERMIT SIGNED  
AND RETURNED 9-21-89 SFD

DATE BP # 29509 - hdms.

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

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

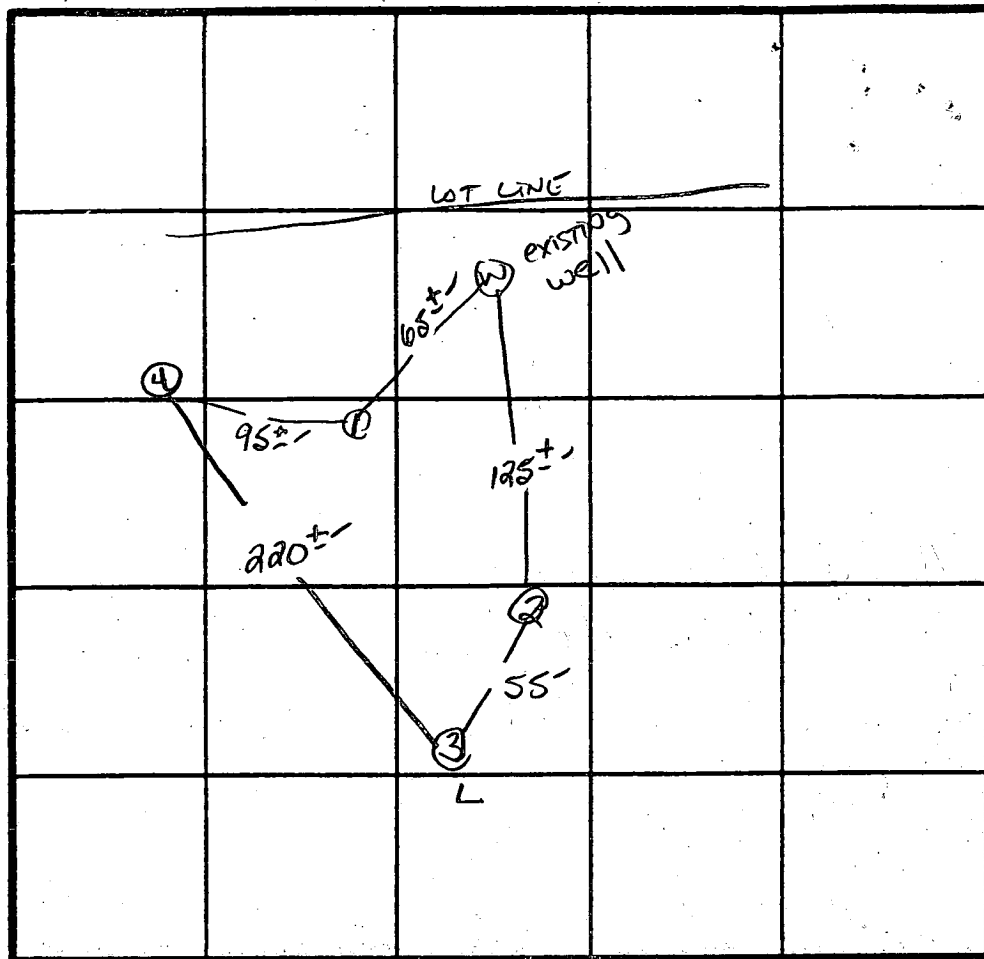
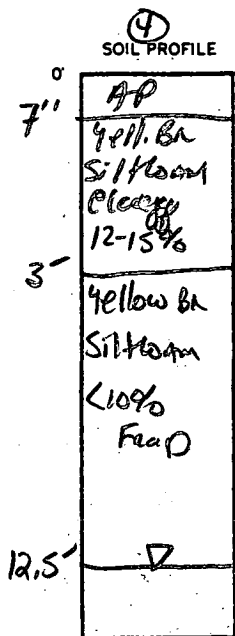
REASONS FOR REJECTION OR HOLDING 7-11-89 Holes EXCAVATED JUST OUTSIDE EXISTING HOLES - All Are similar

to original test. ACCEPTABLE AREA ON ATTACHED SKETCH 7-11-89 OWNER TO

SUPPLY ADJUSTED SDA IN NEXT WEEK - NO LETTER REQUIRED. SA

## THIS IS NOT A PERMIT

HD-216



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rover Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/1/89	1 V	H <sub>2</sub> O AT 14" clay TO 3.0					
	2 V	H <sub>2</sub> O AT 13" clay TO 5.5'					
	3 V	H <sub>2</sub> O AT 13" clay TO 5.0'					
	4 V	H <sub>2</sub> O AT 12.5' clay TO 3.0'					

REMARKS \_\_\_\_\_

TYPE OF SOIL Glendale-Chester Lm.

TESTED BY S. Abel

ALSO PRESENT K. Allen  
ma. pedelo

# APPLICATION

SEWAGE DISPOSAL TESTING

A 39509

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd

DATE April 20, 1987

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 John A. Boender

ADDRESS Rover Mill Road PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION ~~No Cottages Property~~ ROVER MEADOWS LOT NO. 7

ROAD AND DESCRIPTION on the East side of Rover Mill Road, at the intersection of  
Old Rover Road

SIZE OF LOT 3 Acre Minimum TYPE BLDG. 3-4  
(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. Dennis M. Ryols  
(SIGNATURE OF APPLICANT)

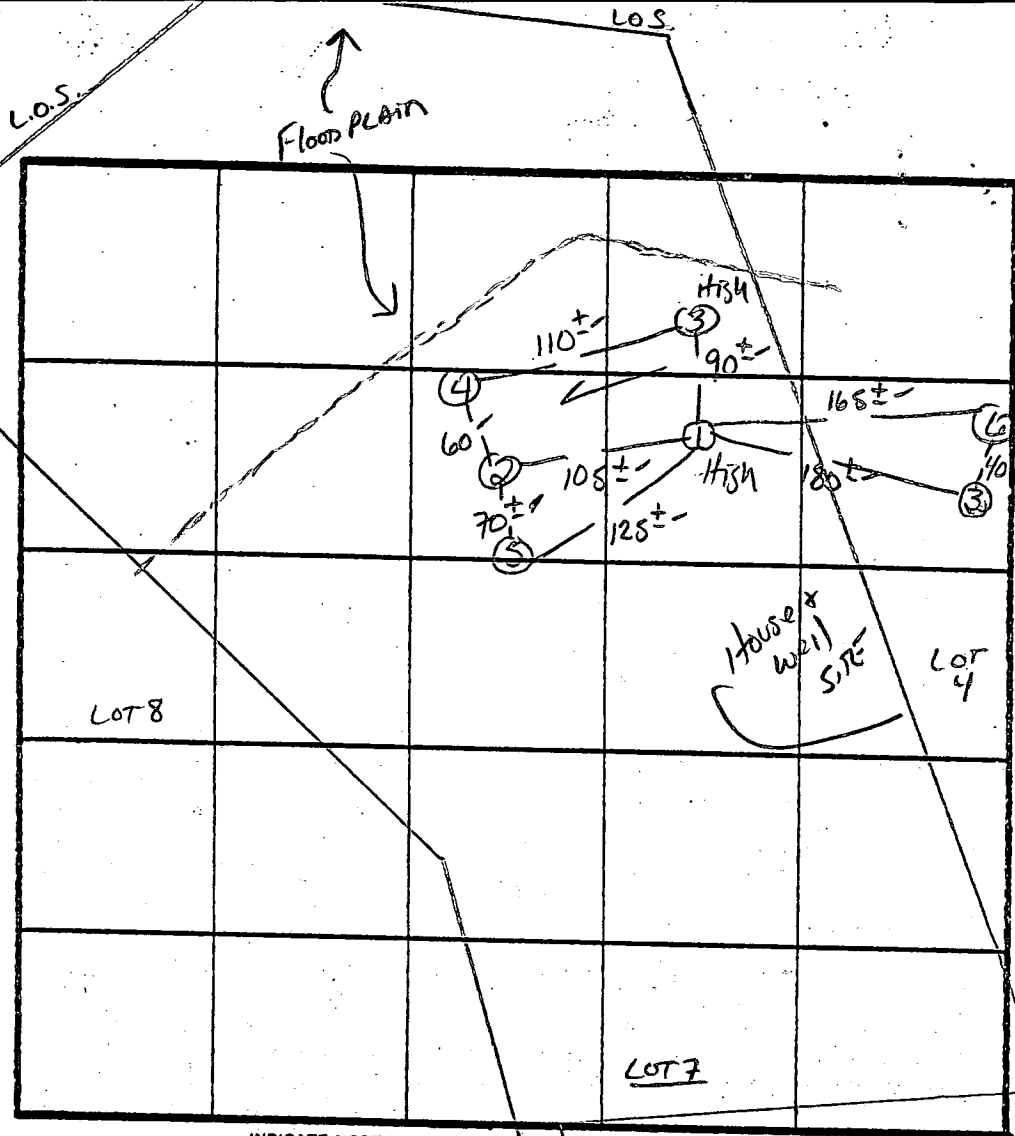
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 5-22-87 Perc Satisfactory Hold for RAT - SA 6-29-87  
NO ADJUSTMENT IN PERC AREA PERMITTED DOWNSLOPE: SA.

## THIS IS NOT A PERMIT



X PERC 3 MIN  
 180 Φ/BL  
 MAX INLET  
 3.0"  
 BOTTOM MAX  
 5.0"

SOIL PROFILE  
 10±" AP  
 Yell Bl  
 SILT LOAM  
 CLAY 12%  
 Yell. Red  
 veins  
 3-4"  
 Yell Bl  
 MICACEOUS  
 SILT LOAM  
 10-20%  
 FRAGS  
 11.5-12.5"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.  
 LOT 6  
 ROVER Mill Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/22/67	1 S	4.5'	11:51	11:53	11:53	11:57	4 MIN
	1 V	13'	DRY SOIL -		UNIFORM SOIL BELOW 4'		
	2 S	4'	12:03	12:04	12:04	12:07	3 MIN
	2 M	7.5'	12:06	12:08	12:08	12:11	3 MIN
	3 S	4.5'	11:58	12:00	12:00	12:02	2 MIN
	3 V	12.5'	DRY SOIL -		UNIFORM SOIL BELOW 4'		
	2 V	WATER AT 12.5'		UNIFORM SOIL BELOW 3.5'			
	4 S	4.5'	12:07	12:08	12:08	12:10	2 MIN
	4 V	WATER AT 12.5'		UNIFORM SOIL BELOW 3.5'			
	5 V	13'	WATER AT 11.5 FE		UNIFORM BELOW 4'		

REMARKS Holes DIFF THAN PLAT  
 TYPE OF SOIL CHESTER LOAM  
 S. Abel  
 Dennis R. - Rocky Neil

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 # 45810  
Date 6/11/90

Name of Installer CLARKE P+H Inc

Telephone 489-4029

License Number \_\_\_\_\_

Certified Well Pump Installer \_\_\_\_\_ Well Driller \_\_\_\_\_ Registered Plumber 3808

Name of Property Owner S.F. Contractor Inc

Telephone 442-1133

Subdivision Rover Meadow Lot # 7

Well Tag # \_\_\_\_\_

Site Address 13910 Rover Mill Rd

Pump

- Type
  - Deep well jet \_\_\_\_\_
  - Shallow well jet \_\_\_\_\_
  - Submersible
- Make Goulds
- Model # \_\_\_\_\_
- Capacity \_\_\_\_\_ GPM
- Pump exceeds well capacity Yes \_\_\_\_\_ No \_\_\_\_\_
- If Yes, is low pressure cutoff switch installed? Yes \_\_\_\_\_ No \_\_\_\_\_
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors \_\_\_\_\_ Cable guards  Other \_\_\_\_\_

Motor

- Horsepower \_\_\_\_\_
- RPM \_\_\_\_\_
- Voltage \_\_\_\_\_
  - 110 \_\_\_\_\_
  - 220

Pitless Adapter

- Make PT 800
- Model # \_\_\_\_\_
- Depth 42"

Tank

- Capacity 66
- Pressure relief valve? 75

Piping

- Type Plastic
- Size 1"
- NSF and/or BOCA Code approved \_\_\_\_\_
- Depth of supply line 42'

Well data

- Depth \_\_\_\_\_ ft.
- Yield \_\_\_\_\_ GPM
- Static water level \_\_\_\_\_ ft.
- 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: Kenneth C. Clark

Date: 4-13-90

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

C1 9653 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 A 39509

DATE RECEIVED

DATE WELL COMPLETED 08/1988

DEPTH OF WELL 185 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-888-C0001

OWNER FERRERO HANK STREET OR RFD RIVER MILL ROAD TOWN WEST FRIENDSHIP SUBDIVISION RIVER MEADOWS SECTION LOT 7

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, FEET (FROM, TO), Check if water bearing. Rows include Top Soil, Sandy Sandstone, MICKA, Sandstone, MICKA.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 17 NO. OF POUNDS 1700 GALLONS OF WATER 102 DEPTH OF GROUT SEAL (to nearest foot)

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

MAIN CASING Nominal diameter Total depth top (main) casing of main casing (nearest inch) (nearest foot)

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

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

DEPTH (nearest ft.) 185

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. 273 DRILLERS SIGNATURE

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

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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

C 3

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 8 METHOD USED TO MEASURE PUMPING RATE Base test WATER LEVEL (distance from land surface) BEFORE PUMPING 20

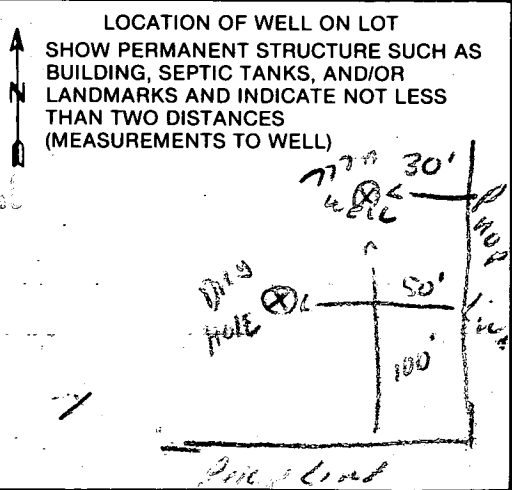
WHEN PUMPING 43 TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (S) submersible

PUMP INSTALLED

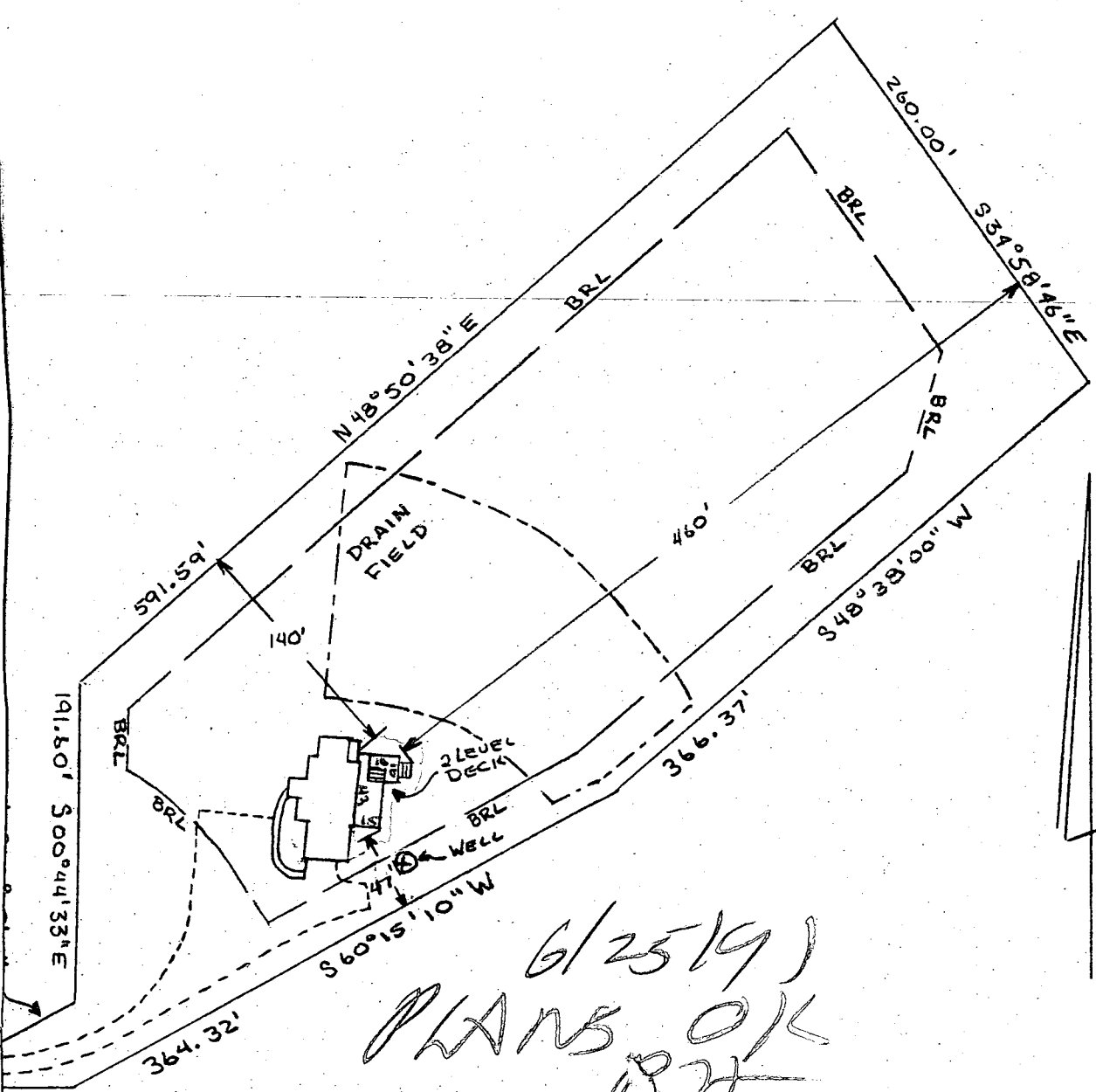
DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

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 (-) below LAND SURFACE (nearest foot)



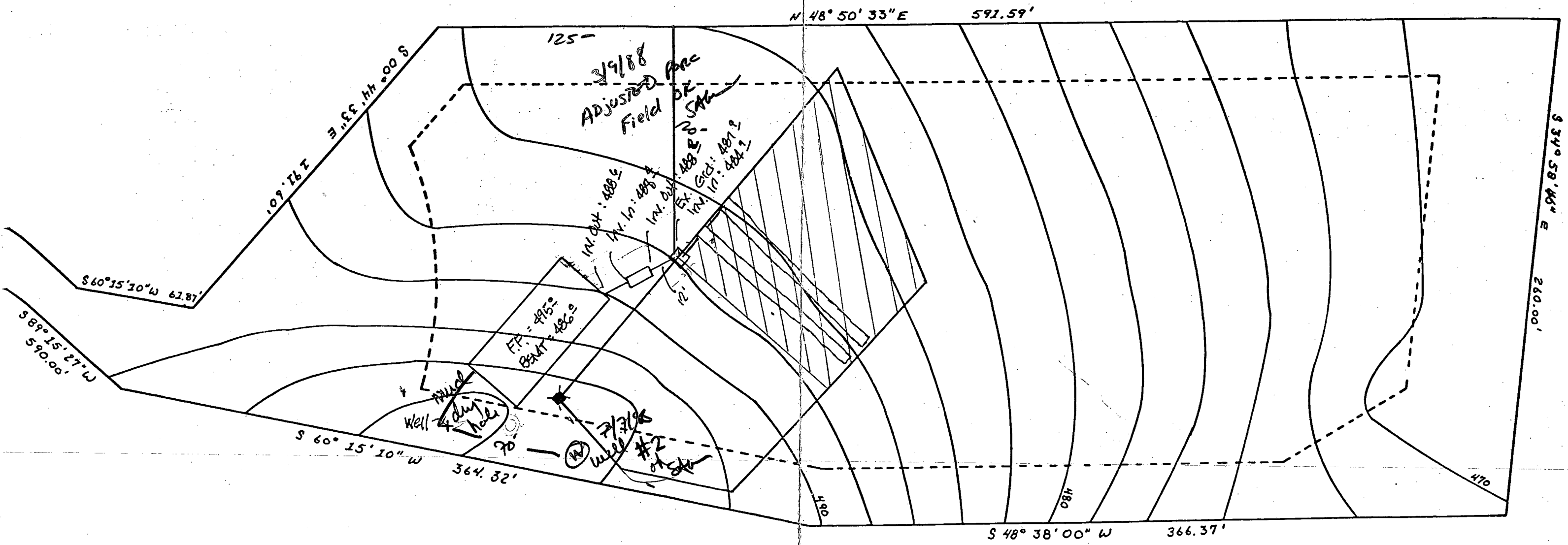
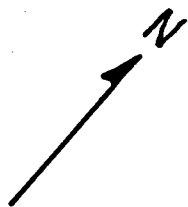
COUNTY



6/25/91  
 PLANS OK  
 [Signature]

DECK LOCATION PLAN

SCALE: 1" = 100'	APPROVED BY:	DRAWN BY HF 6/13/91
DATE: 6/15/91		REVISED
13910 ROVER MILL ROAD, WEST FRIENDSHIP LIBER 1814 FOLIO 448 PLAT 7614 LOT 7		
		DRAWING NUMBER 1



1. DISTRIBUTION BOX (HEAD OF DRAIN FIELD)
  - 100' FROM WELL, MINIMUM
  - 125' FROM WELL, MAXIMUM
2. HOUSE TO WELL - 30' MINIMUM
3. HOUSE TO DISTRIBUTION BOX - 20' MINIMUM

<b>ROVER MEADOWS SUBDIVISION - LOT # 7</b>		
SCALE: 1" = 50'	APPROVED BY:	DRAWN BY H.F.
DATE: 2/28/88		REVISED
<b>WELL, HOUSE, AND DRAIN FIELD SITING</b>		

NOTES:

- ① FLOOR, OUTSIDE DOOR 3" LOWER THAN BASEMENT FLOOR - BASEMENT ELEV. 487. CONCRETE STAIRWELL FLOOR - 486.75
- DRAIN 1" LOWER - USE BRASS PLATE DRAIN COVER - 486.67 1/8" / FT. FALL
- USE 12" OF 3" CAST IRON PIPE FROM DRAIN INLET TO PVC - 4"

GENERAL NOTE SEPTIC SYSTEM TO BE INSTALLED IN COMPLIANCE WITH HOWARD COUNTY CODE  
 BASEMENT ELEV. 487  
 INVERT UNDER BASEMENT FLOOR - 486.25  
 INVERT AT SEPTIC TANK - 485.5  
 INVERT AT DISTRIBUTION BOX - 484.25  
 FIELD DRAINS - 484.0

