

2/6/90 10:00  
2/8/90 1:30 PM 10 am  
2/9/90 ASAP

05-341922

File

# PERMIT

P 45467  
A REPAIR

SEWAGE DISPOSAL SYSTEM  
MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT \_\_\_\_\_

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

DATE 1-26-90

INDEXED

DATE SYSTEM APPROVED 2-9-90

INSPECTOR C. B. A.

WAYNE THOMPSON ~~FTR~~ IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X  
BWT Inc. Excavating 498-6138 backhoe  
ADDRESS \_\_\_\_\_ PHONE 725-2392

SUBDIVISION \_\_\_\_\_ ROAD 6824 Mink Hollow Road LOT \_\_\_\_\_

PROPERTY OWNER Michael Delore and Debbie Fountain 496-6862  
ADDRESS 6824 Mink Hollow Road  
Highland, Maryland

~~IF GARAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 20% AND ABSORPTION AREA BY 20%~~

~~GARAGE GRINDER~~ YESXXXXXXXXXXXXXXXXXXXX

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

REPAIR - PURPOSE - TO ESTABLISH SUFFICIENT SEPTIC CAPACITY TO HANDLE THE PROPOSED  
ADDITION (approx. 5 bedrooms)  
CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

\* SEE OTHER SHEET 16' WELL 10/15/90

180 sqft/bedrm, Inlet at 4.0 ft, Bottom at 8.5 ft. 4.5 ft of effective stone. 200 linear ft of trench. Request drawing of septic tank location & depths before installation, Ok to start trenches. 2-6-90 JEN

PLANS APPROVED BY C. Williams DATE 1/25/90

COVER NO WORK UNTIL INSPECTED AND APPROVED

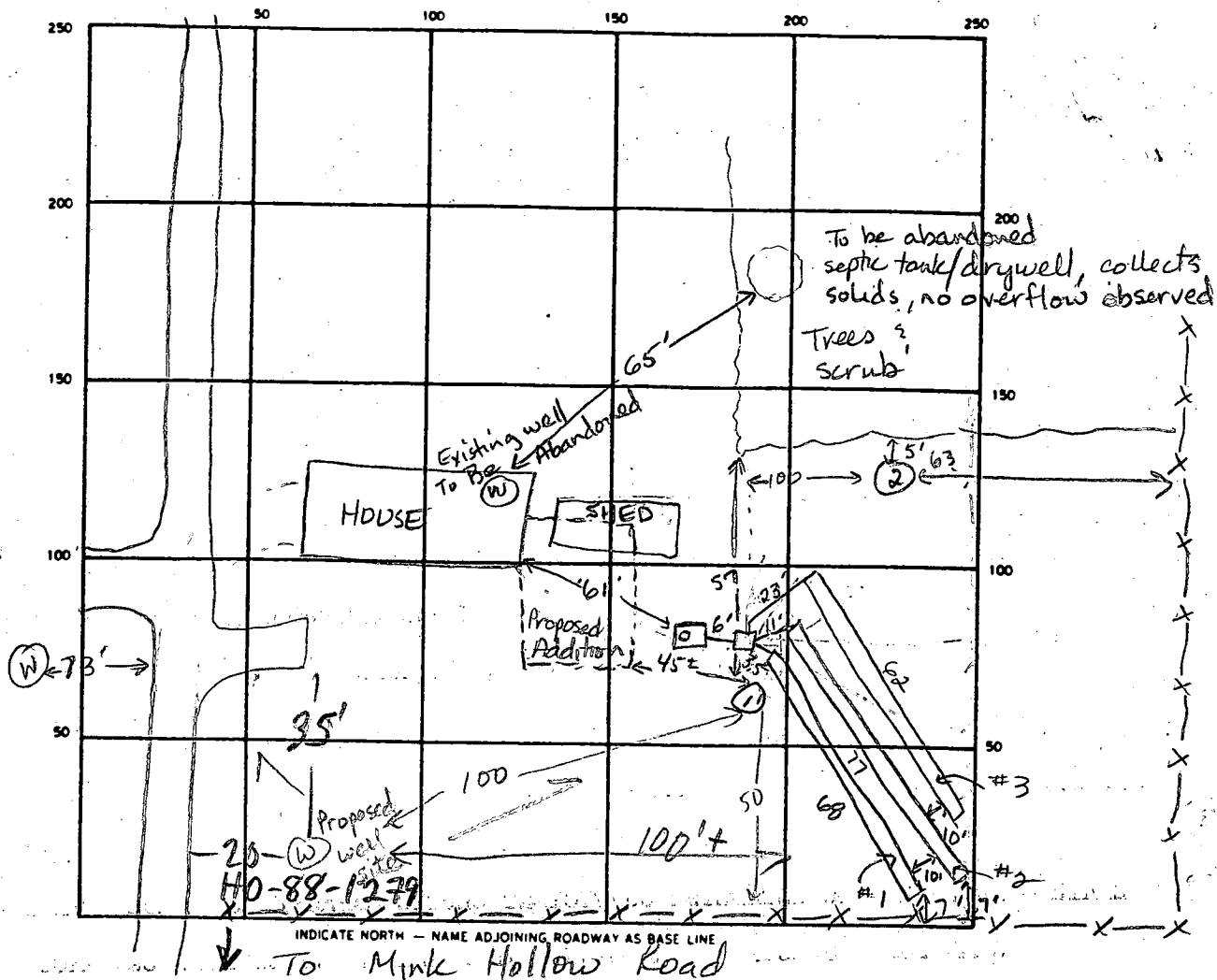
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

- 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

LOG. PERMIT SIGNED  
AND RETURNED 2/12/90  
Serial # 31231

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS. Addition - 48' x 54'

45467



SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 on tank <sup>2/9/90</sup> <sup>for</sup> <sup>OK-plug</sup> <sup>Put apron of</sup> <sup>flat concrete</sup> <sup>block on top for</sup> <sup>plug!</sup> <sup>used</sup>

DISTRIBUTION BOX LEVEL ok w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 8.5 8.5 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.0 4.0 FT.

EFFECTIVE GRAVEL DEPTH 4.5 4.5 4.5 FT. TOTAL LENGTH 68 77 68 FT. } 209

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 306 346 229 SQ. FT.

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

ABSORBENT AREA 931 SQ. FT.

REMARKS 2-8-90 OK to stone all three trenches, add pipe & paper.  
OK to cover centers of trenches leaving all ends open. JEN  
2-8-90 OK to cover trench #1 & 2 leaving end of #2 open to  
inlet. JEN 2/9/90 A.M. #3 Trench open & #1 Trench <sup>ONLY 2 ends</sup> <sup>for</sup> <sup>sand open only</sup>  
OK TO COVER ALL WORK - FINAL. <sup>C. Bell</sup>

DATE SYSTEM APPROVED 2/9/90 INSPECTOR Charles Beyer

C1 1506 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

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.  
COUNTY NUMBER P 45.467

ST/CO USE ONLY DATE RECEIVED DATE WELL COMPLETED Depth of Well PERMIT NO. FROM "PERMIT TO DRILL WELL"  
26 400 26 28 29 30 31 32 33 34 35 36 37  
28 29 30 31 32 33 34 35 36 37

OWNER DeLore MIKE  
STREET OR RFD last name CROWN TRAIL first name TOWN HIGHLAND  
SUBDIVISION SECTION LOT

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	
SAND stone	0	40	
Comp. Mica rock	40	400	

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
TYPE OF GROUTING MATERIAL  
CEMENT  BENTONITE CLAY   
NO. OF BAGS 9 NO. OF POUNDS 346  
GALLONS OF WATER 54  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 38 ft.  
(enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
ST CO STEEL CONCRETE  
PL OT PLASTIC OTHER  
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
Sf 5 44

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.)  
EACH SCREEN  
1 HC 43 400  
2  
3  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
from to

PUMPING TEST  
HOURS PUMPED (nearest hour) 6  
PUMPING RATE (gal. per min. to nearest gal.) 11  
METHOD USED TO MEASURE PUMPING RATE Air  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 30  
WHEN PUMPING 315  
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 } LAND SURFACE  
- below } (nearest foot)

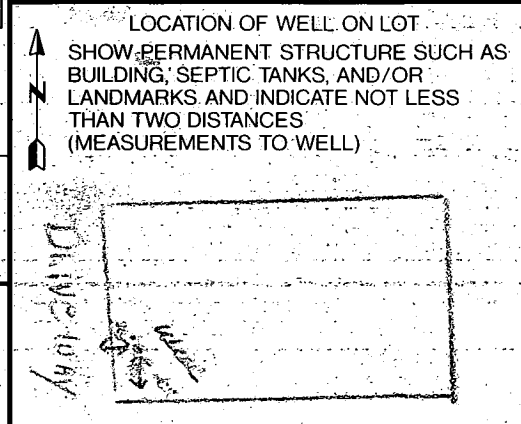
CIRCLE APPROPRIATE LETTER  
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
E ELECTRIC LOG OBTAINED  
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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. 937  
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

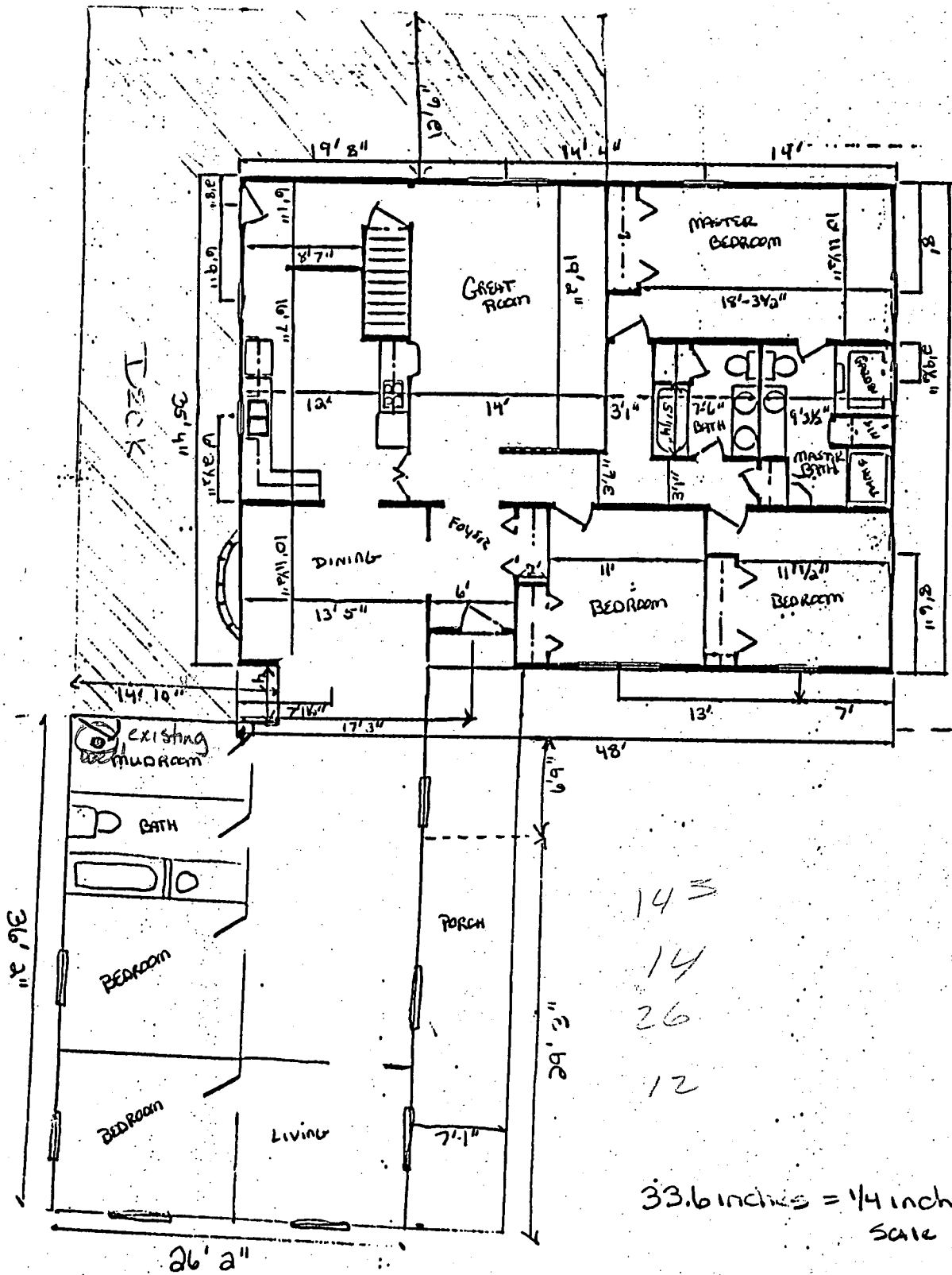


SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)  
TELESCOPE CASING LOG INDICATOR OTHER DATA  
COUNTY

NEW  
ADDITION

17  
11  
31

EXISTING  
HOUSE



REPLACEMENT WELL SITE INSPECTION

OWNER MICHAEL DELORE

DATE REQUESTED \_\_\_\_\_

ADDRESS 6824 MINK HOLLOW RD.

DRILLER \_\_\_\_\_

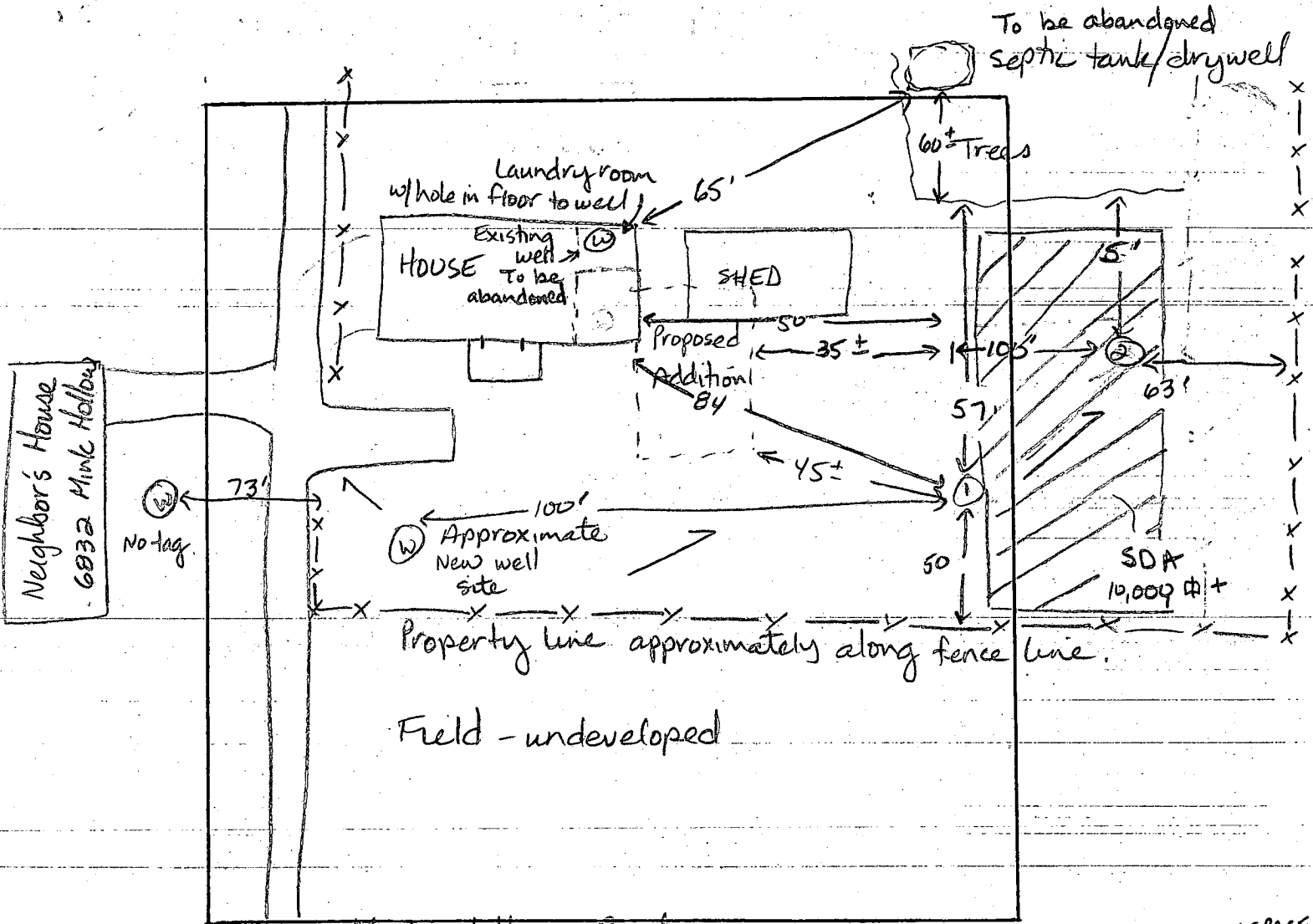
HIGHLAND, MD.

WELL TAG# \_\_\_\_\_

854-3345 machine at house

COUNTY# \_\_\_\_\_

LOCATION DIAGRAM



COMMENTS: APPLICANT PROPOSES ADDITION. EXISTING WELL IN EXISTING ~~BASIN~~ CRAWLSPACE.

INSPECT FOR RECOMMENDATION ABOUT EXISTING WELL. KEEP OR ABANDON?

Well in existing laundry room under floor, open to outside. Homemade aluminum cap is caulked over 6 in of steel casing. Recommend new well drilled 100 ft from septic. Existing septic is only a 5 ft deep 8 ft ± diameter drywell which collects solids and liquids according to owner. 2-6-90 JEN

Perc Notes 2-6-90

①

0-4.0	Br sa sil lm trc of micaceous sil, < 15%
4.0-13.0	Tan micaceous sil sandy loam, little decomposed rock < 20%, no structure 40% saprolite
13.0	Bottom

①

Depth	Presoak	1 inch		Min	
3.5 S	11:43	11:58	11:58	12:20	22
8.0 M	11:44	11:46	11:46	11:49	4min
13.0 D	Bottom (see profile)				
5.5 S	11:59	12:01	12:01	12:05	4min
13.0 D	Bottom (see profile)				

②

②

0-5.5	Yellow-brown sil lm, roots
5.5-13.0	Tan micaceous sa sil, < 50% saprolite, little decomposed rock < 5%
13.0	Bottom

$\bar{x} = 4 \text{ min}$   
 180 sqft/bdrm  
 Inlet 4.0 ft  
 Bottom 8.5 ft  
 200 ft trench required

# APPLICATION

Repair  
To septic  
2-16-90  
10:00am

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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 Michael Delore and Debbie Fountain

ADDRESS 6824 Mink Hollow Road PHONE H 854-3345  
W 496-6862 (Mrs)

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

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION 6824 Mink Hollow Road

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

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(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.

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

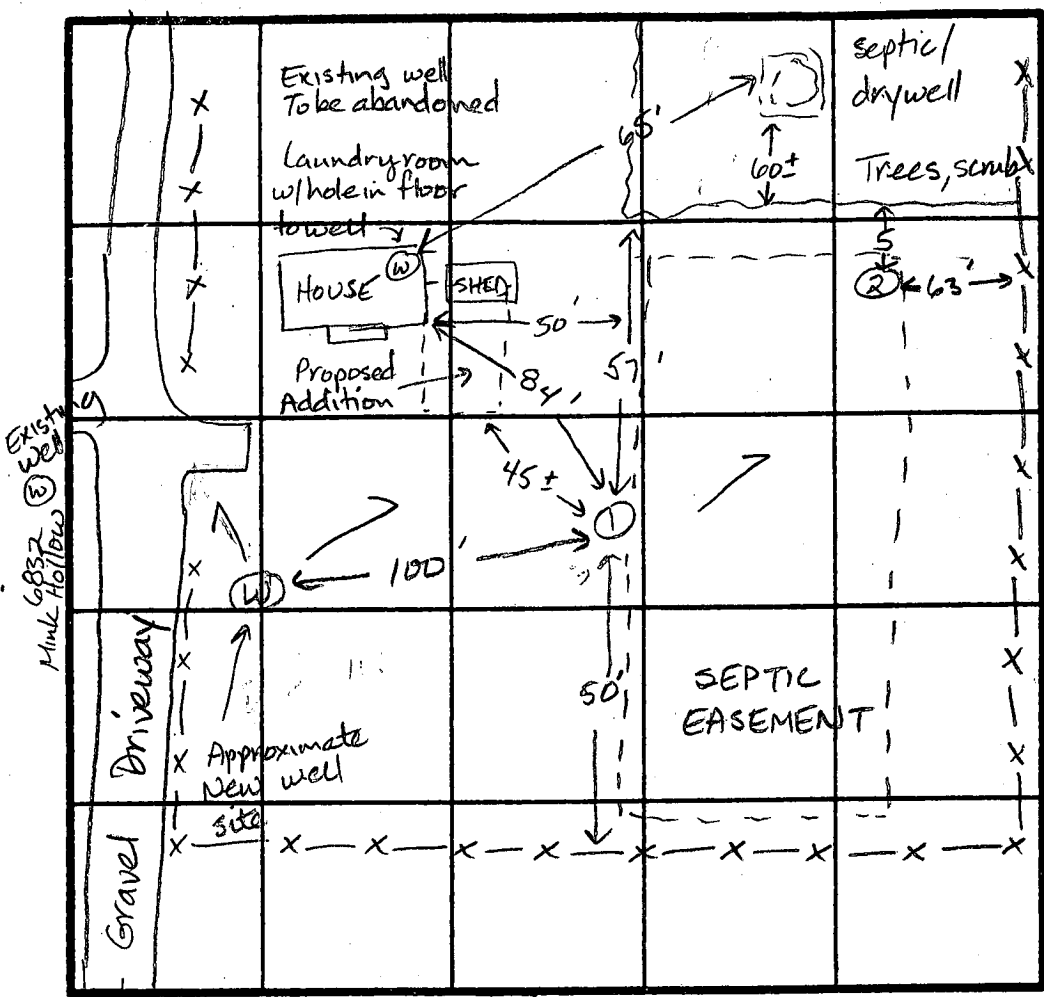
HD-216

# THIS IS NOT A PERMIT

To be abandoned.

①  
SOIL PROFILE

0-4.0 Br sa si cl lm, trc of mica si, <15%  
4.0-13.0 Tan mica si sa lm, little decom rx, <20% no struct, <40% saprolite  
13.0 Bottom



$\bar{x} = 4 \text{ min}$   
Inlet = 4.0 ft  
Bottom = 8.5 ft  
180 sqft/bedrm

②

0-5.5 Yellow-br si cl lm, roots  
5.5-13.0 Tan mica sa si lm, <50% saprolite, little decom rock, <50%  
13.0 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-6-90	1	3.5 S	11:43	11:58	11:58	12:20	22
		8.0 M	11:44	11:46	11:46	11:49	4
		13.0 D	Bottom (see profile)				
V	2	5.5 S	11:59	12:01	12:01	12:05	4
		13.0 D	Bottom (see profile)				

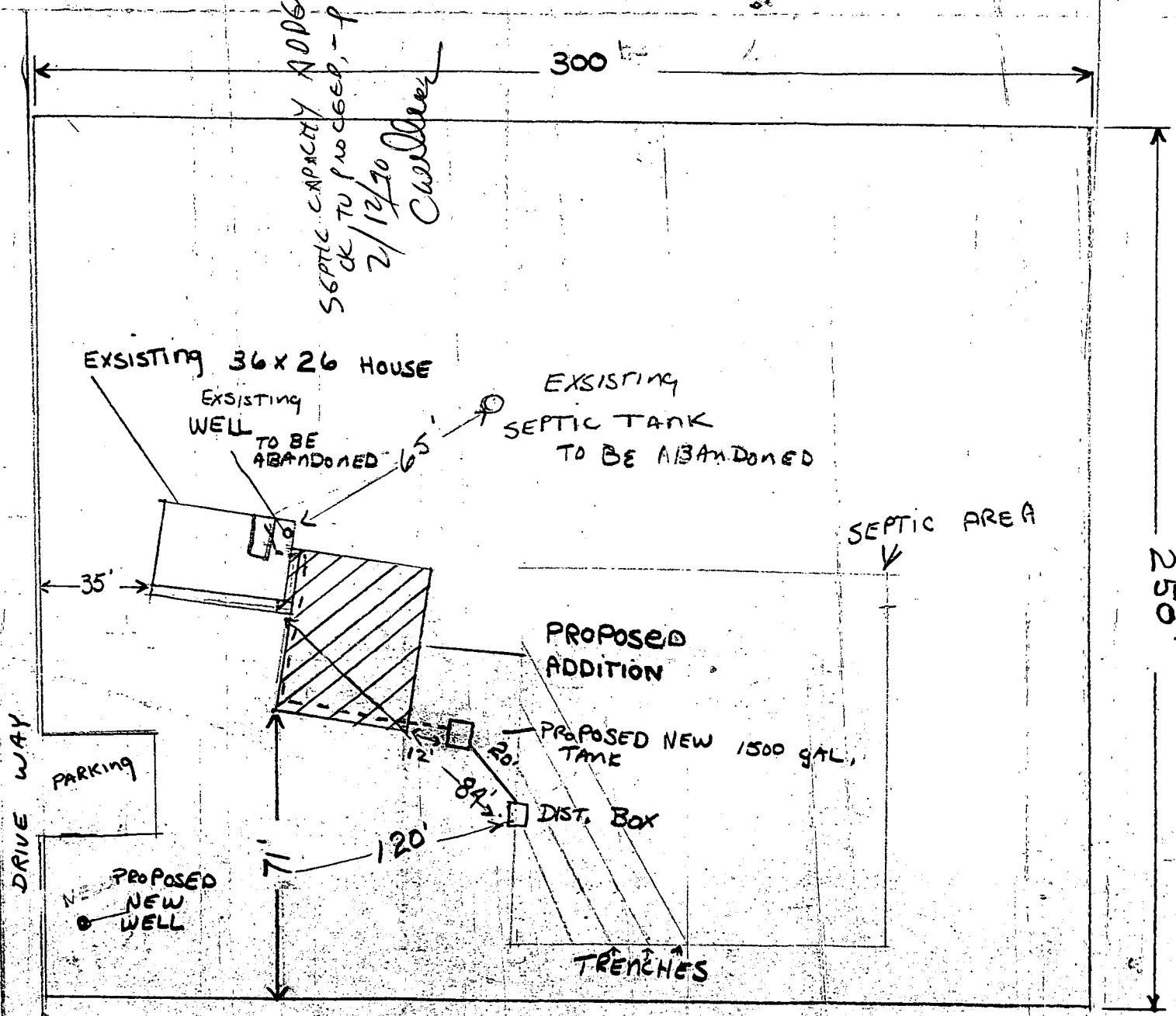
REMARKS Repair to be 100 ft off new well

TYPE OF SOIL 0-4 Br sa si cl lm, 4-13 Tan mica sa si lm <50% saprol, <20% rx

TESTED BY Jane Nadeau ALSO PRESENT M DeLore BWT Inc

PERK  
REPAIR  
PERMIT #  
45467

SEPTIC CAPACITY ADDED  
OK TO PROCEED, - P45467  
2/12/20  
C. Walker



EXISTING  
WELL  
6832  
MINK HOLLOW

250'