

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48509

A REPAIR

DISTRICT _____

DATE 9/15/92

DATE SYSTEM APPROVED 9/15/92

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

461-9933
313 2640 01-247042

Arlie Diehl

IS PERMITTED TO INSTALL _____ ALTER

ADDRESS 5325 Kerger Road PHONE 788-4274

SUBDIVISION ROY & EMERY LOT 4B ROAD 5325 Kerger Road

PROPERTY OWNER Arlie Diehl
5325 Kerger Road

ADDRESS _____

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS 4

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 84

1979
old A 29129
old P 30357

REPAIR - PURPOSE - Septic System has failed.

Call for inspection when ground is opened so sanitarian can recommend repair. 9/14/92

9/15/92 DEEP TRENCH OFF OLD DRY WELL 11 FT DEEP
INLET 5 FT DEEP 6 FT STONE, 2 FT WIDE
PLACE THE DITCH OFF THE OLD DRY WELL
RUNNING ALONG LEVEL GROUND TOWARD
THE REAR RH

PLANS APPROVED BY _____ DATE _____

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

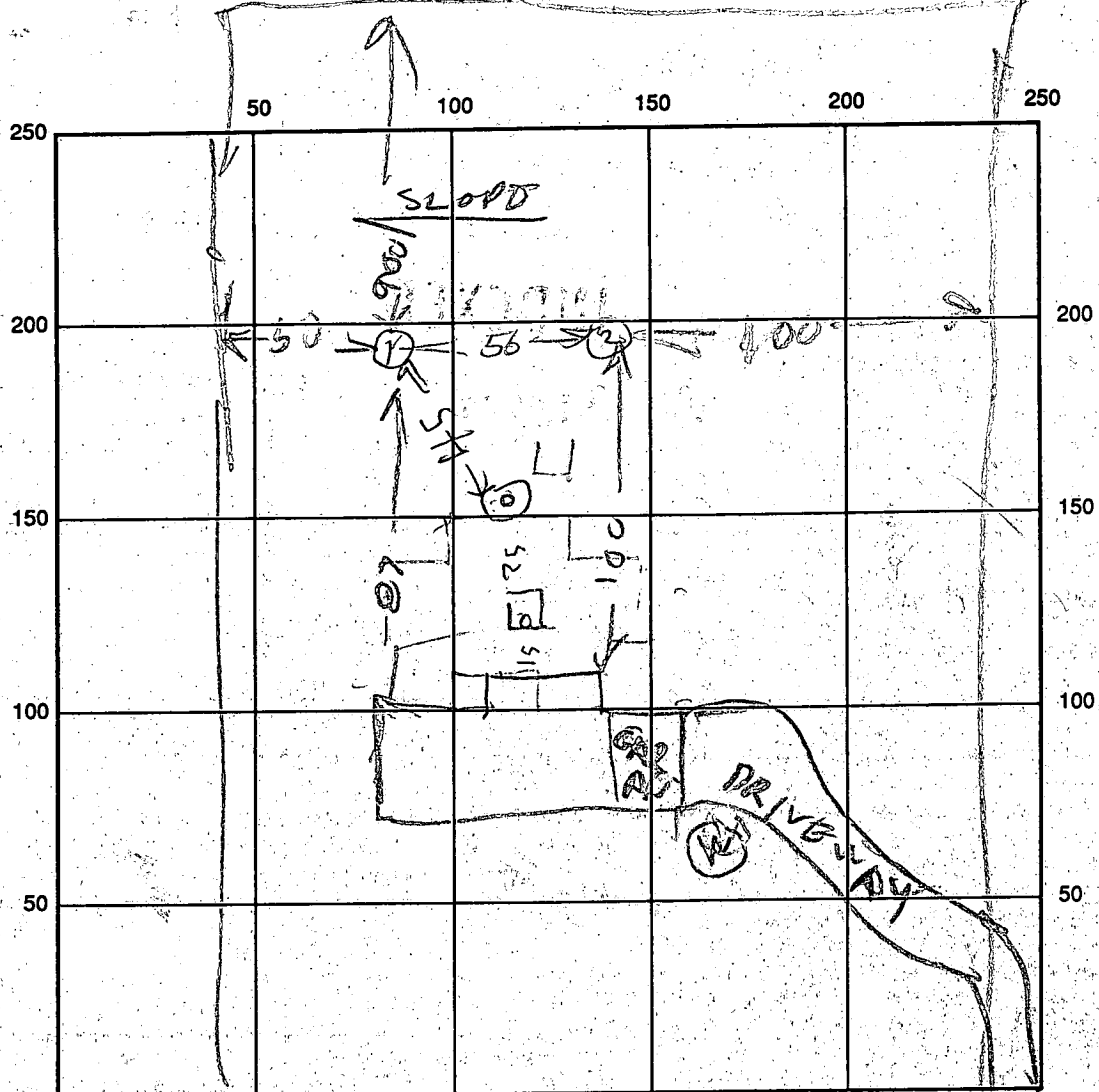
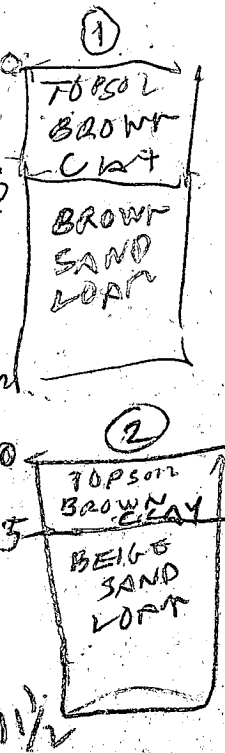
PERMIT VOID AFTER TWO YEARS

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 PVA 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 APPROVAL ON THIS PERMIT

PR 48509



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL N/A CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 11 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH 84 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 9/15/92 AM city water weel over 120 FT from septic but not used. System installed 1979, SOIL OK. HOME OWNER TO MEASURE DEPTH OF TRENCH RH

9/15/92 PM TRENCH DUG ADD STONE & CALL RH

9/16/92 1:40 AM STONE ADDED

DATE SYSTEM APPROVED 9/16/92 INSPECTOR Raymond Hodge

12/31/79
ready around
10:30 a.m.

PERMIT

P 30357

A 29129

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 1st

INDEXED

DATE 11/14/79

Olen Ketterman IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

SUBDIVISION _____ ROAD 5325 Kerger Road LOT 4-B

PROPERTY OWNER Arlie Diehl

ADDRESS 5203 Arbutus Avenue, Baltimore, 21227

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1500 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 600 SQ. FT. in system.

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 11 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

Place dry well 135 ft. from front lot lane and 80 ft. from left side as seen when facing from the front. Off Dry well after 5 ft. earth buffer Ok to install trench 30 ft. long, 11 1/2 ft. deep, 7 ft. of stone. Trench to follow contour and be inspected before gravel is installed.

PLANS APPROVED BY R.H./D.W. Monaghan DATE 5/20/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRAZO ACCEPTED.

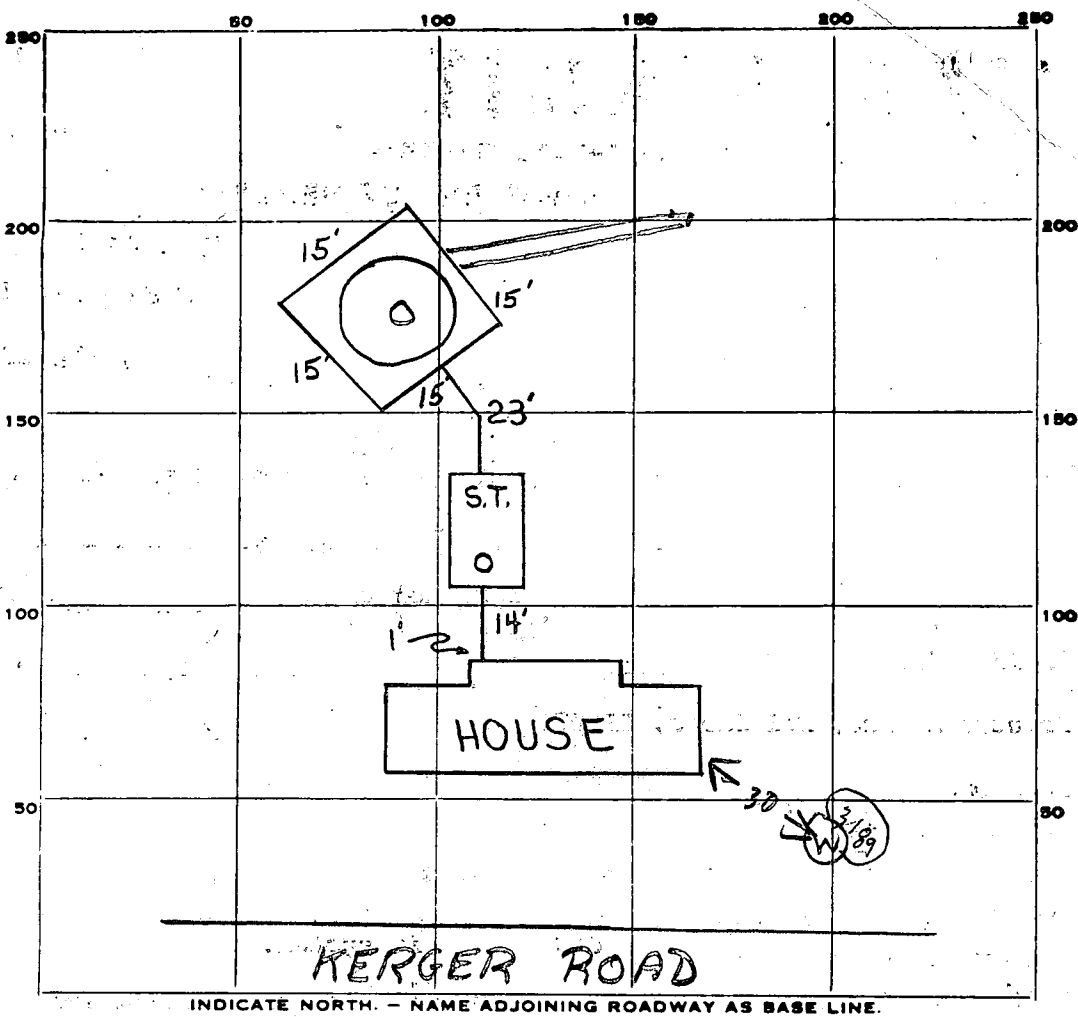
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

A
29129

$$\begin{array}{r} 60 \\ 7 \\ \hline 420 \end{array}$$

$$\begin{array}{r} 26 \\ 7 \overline{)180} \\ 14 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 29 \\ 7 \\ \hline 203 \\ 420 \\ \hline 623 \end{array}$$



PERMIT CARD _____

SEPTIC TANK, LEVEL CLEANOUTS S.T. / D.W.

DISTRIBUTION BOX, LEVEL N.A. CAST IRON Cast iron

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 29 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 7 FT. 420

ABSORBENT AREA 420 SQ. FT.

REMARKS 12/27/79 - OK TO COVER UP TO AND INCLUDING SEPTIC TANK, NEED AT LEAST 26' OF TRENCH ADD GRAVEL TO DRYWELL. R, A.

12/28/79 - trench not ready 12/31/79 AM OK to add gravel in trench. 12/31/79 PM 600 SQ FT REQUIRED

420 + 188 = 608 SQ FT TOTAL

DATE SYSTEM APPROVED 12/31/79 INSPECTOR Raymond Hodges

Permit

APPLICATION

#39085

A 29129

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT 1st

Septic Tank - 1250 gal - 1500

DATE 11/2/78

Dry Well - ~~600~~ sq ft absorbent subsoil area to begin below the first 4 1/2 ft of virgin gravel. Max depth permitted for DW is 11 1/2 ft below virgin gravel.

Place 1st Dry Well 135 ft from front lot line and 80 ft from left side as shown when facing front of front.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Place second DW: 45 ft directly behind the first one and connect in series

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

PROPERTY OWNER Roy Emery property

Artie Diehl off DW after 5' east bluff

ADDRESS 5203 Arboretum Ave.

OK to install trench 30 ft long - 11 1/2 ft deep 7 ft stone trench & follow contour

Balto., Md. 21227

PHONE to be completed before gravel is installed

PROPERTY LOCATION:

SUBDIVISION 5325 LOT NO. 4-B

ROAD AND DESCRIPTION Kerger Road

SIZE OF LOT ? TYPE BLDG. 3 or 4 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.

BLDG. PERMIT SIGNED AND RETURNED 5/7/79 Serial No. 39085

SIGNATURE OF APPLICANT /s/ Don Reuwer, Rhett Realty

APPROVED BY RH FOR Artie Diehl DATE 3-20-79

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/20/78 PERC OK BUT NO HOUSE SITE

THIS LOT TO BE COMBINED WITH ADJACENT LOT RH 3/5/79 HELD FOR REVIEW DM SAID ANOTHER #100 NEEDED BECAUSE THREE OF PERC HOLES DUG ON LOT 4B BUT TWO EXTRA PERC HOLES DUG ON EXTRA LAND FOR WHICH NO PERC

THIS IS NOT A PERMIT

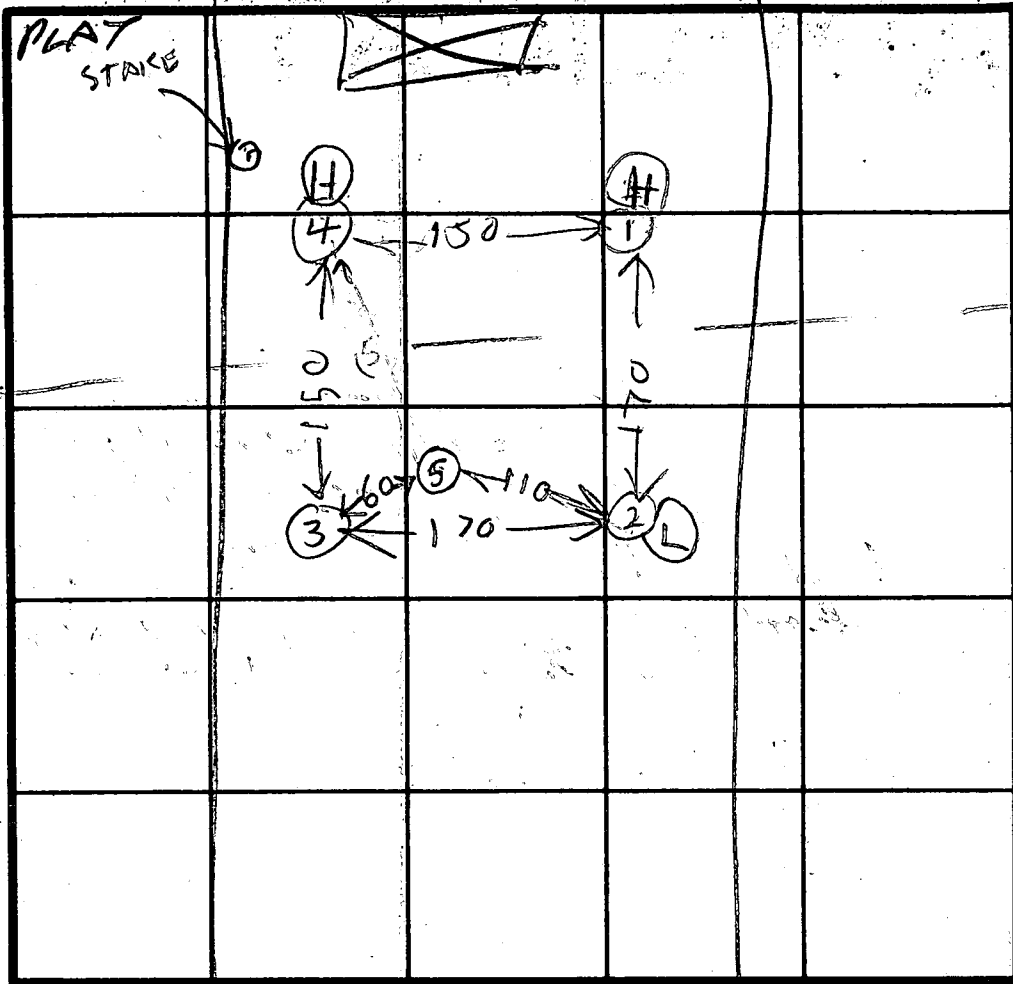
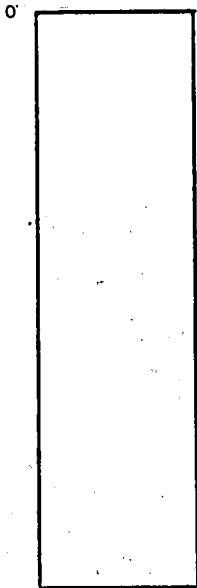
TEST FEE HAD BEEN PAID RH

SEE ATTACHED

PLAT STAKE

67
27
28
7

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/24/78	1S	5	210	230	230	355	25
	1D	13	210	218	218	230	12
	2S	4	213	217	217	220	3
	2D	13 1/2	213	232	232	245	13
	3S	5	221	232	232	252	little pen
	3D	14	221	252	little pen		
	4S	3 1/2	227	228	228	229	1
	4V	12	NOT TESTED SOFT SAND		DANGER OF CAVE IN		
	5S	3	306	324	little pen FAIL		
11/24/78	5D	12	307	304	309	311	2
	5M	5 1/2	322	326	326	329	3

REMARKS

NO HOUSE ON THIS BUT LOT LINES TO BE CHANGED

TYPE OF SOIL

TESTED BY

R.H.

ALSO PRESENT

DENNEY DEURA
D. REVER

KERGER ROAD

*See sheet for
plan of
proposed
dwelling
along
Kerger Road*

--- N 80° 44' 00" E 1035.88' ---

--- S 80° 44' 00" W 1025.72' ---

374 372 370 368 366 364 362 360
--- N 80° 44' 00" E 280.87' ---

N 09° 16' 00" W
186.81'

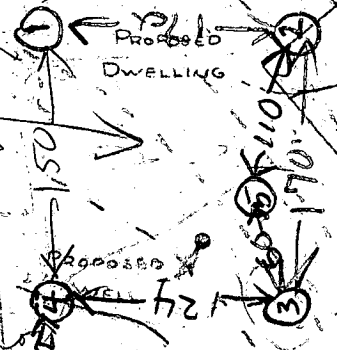
378.12'

--- S 09° 16' 00" E ---

PROPOSED DRAINAGE AREA

LOT 4-B
1.328 AC.

PROPOSED DWELLING



--- S 80° 44' 00" W 274.82' ---

PROPERTY OF

ROY F. EMERY, ET AL.

5075 ILCHESTER ROAD

ELLCOTT CITY, MARYLAND 21043

SCALE: 1" = 50' DATE: Nov. 23, 1977

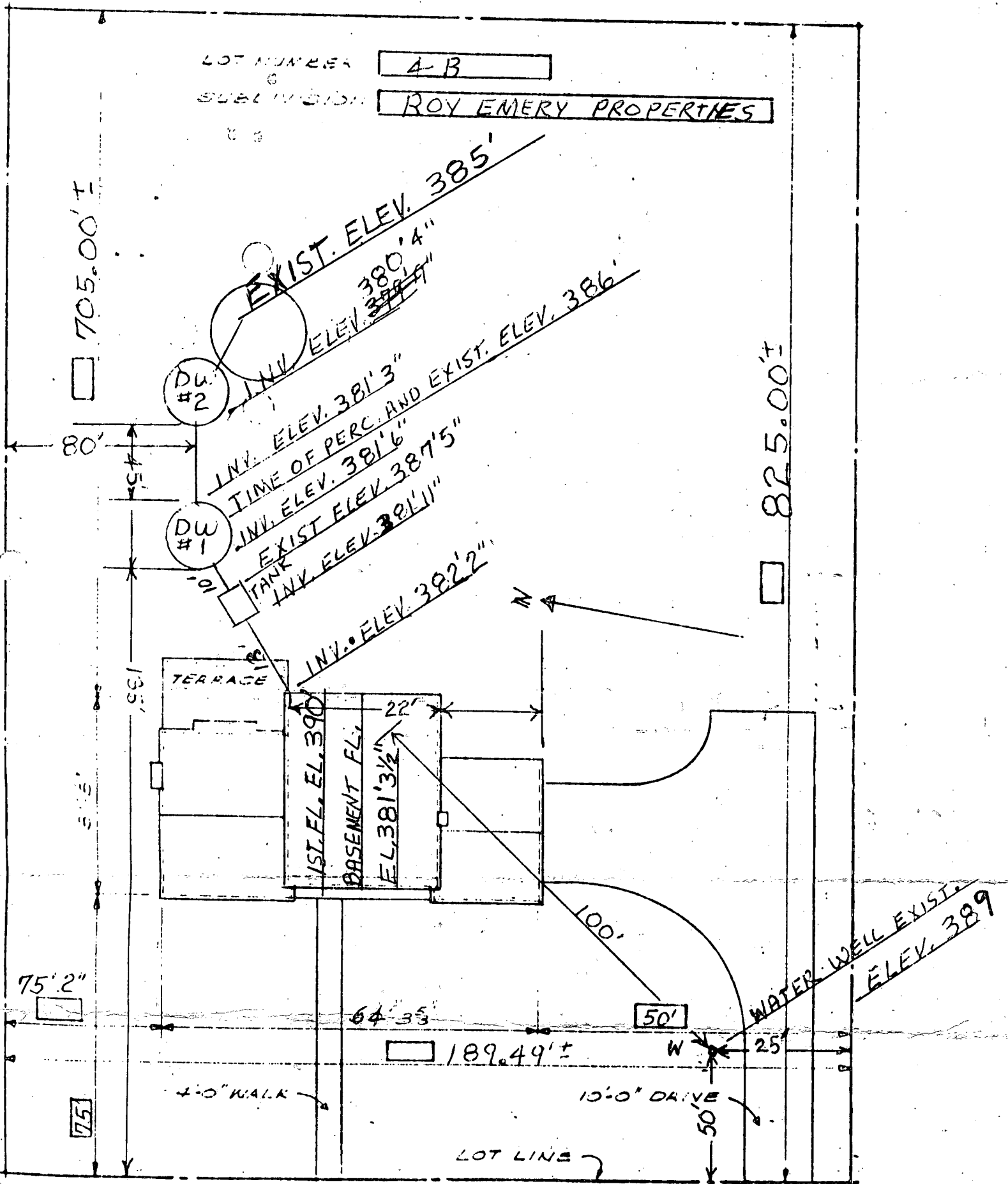
SHEET 2 OF 3

4B

SURVEYOR:
J. C. MELLEMA SR. INC.
3064 MACTAVISH AVENUE
BALTIMORE, MARYLAND 21229

I CERTIFY THE BELOW MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY

SIGNED: Julie E. Diehl



STREET: KERGER RD.
 4/27/79 PLANS OK BUT WELL NOT YET GROUDED RH
PLOT PLAN
 SCALE: 1" = 20'-0"

C 1 5560
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION
 FILL IN THIS FORM COMPLETELY
 COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)
 DATE WELL COMPLETED 5/4/79
 8-13 15 20

DEPTH OF WELL 272
 (TO NEAREST FOOT) 26

PERMIT NO. FROM "PERMIT TO DRILL WELL"
 HO-79-37189
 28 29 30 31 32 33 34 35 36 37
 DRILLERS IDENTIFICATION NO. 154

OWNER: ARLIE
 STREET OR RD: 503 ARBUTHUS AVE POST OFFICE: BALTO-MD. 21227

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK-IF WATER BEARING
	FROM	TO	
MARBLE CLAY	0	8	
SAND ROCK & SAND	8	20	
SAND ROCK	20	35	
GREY CLAY	35	45	
GRANITE ROCK	45	272	Y

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)
 CEMENT C M B C BENTONITE CLAY B C

NO. OF BAGS 10 NO. OF POUNDS 60

GALLONS OF WATER 60

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 46 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T C O CONCRETE
 PLASTIC P L O T OTHER

MAIN CASING TYPE S T C O
 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 64
 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 48 70

OTHER CASING (IF USED)

DIAMETER (INCH) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL S T B R H O BRASS OR BRONZE OPEN HOLE
 PLASTIC P L O T OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 47 TO 272

18 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 (NEAREST INCH)
 FROM 60 TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL (CIRCLE BOX) F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING 70 72 74 75 76
 LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 12

METHOD USED TO MEASURE PUMPING RATE Watch a Runoff

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 45 (NEAREST FOOT)
 17 20

WHEN PUMPING 760 (NEAREST FOOT)
 22 25

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

A AIR P PISTON T TURBINE
 C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)
 J JET S SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

+ ABOVE - BELOW
 LAND SURFACE (NEAREST FOOT) 2
 49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

PITLESS ADAPTER

CIRCLE APPROPRIATE BOXES

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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME: M.D. Drilling Co.
 SIGNATURE: [Signature]