

8/18/92

05-414156

# PERMIT

## SEWAGE DISPOSAL SYSTEM

P 48073

A 37806

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

*INDEX - TIME EXPIRED FOR*

DISTRICT \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT

*F.C.O.P COMPLIANCE*

DATE 5/5/92

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

*5/9/93 C. Williams / CBS* DATE SYSTEM APPROVED 8/19/92

## INDEXED

INSPECTOR Mark Rifkin

Whitworth Excavating

IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 12680 Clarksville Pike, Clarksville, Maryland PHONE 854-2513

SUBDIVISION Clearview Estates LOT 47, Sec. 2 ROAD 12019 Broad Meadow Lane

PROPERTY OWNER Tony & Lise Mangerie

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

*PLR: 384-6493  
Demmitt*

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting from the right front lot corner, start the first trench 180 feet down the right (280.00') lot line and 100 feet off this same lot line. Run trenches on contour toward rear of 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 MR 5/5/92*

PLANS APPROVED BY Mark Rifkin

DATE 2/26/92

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

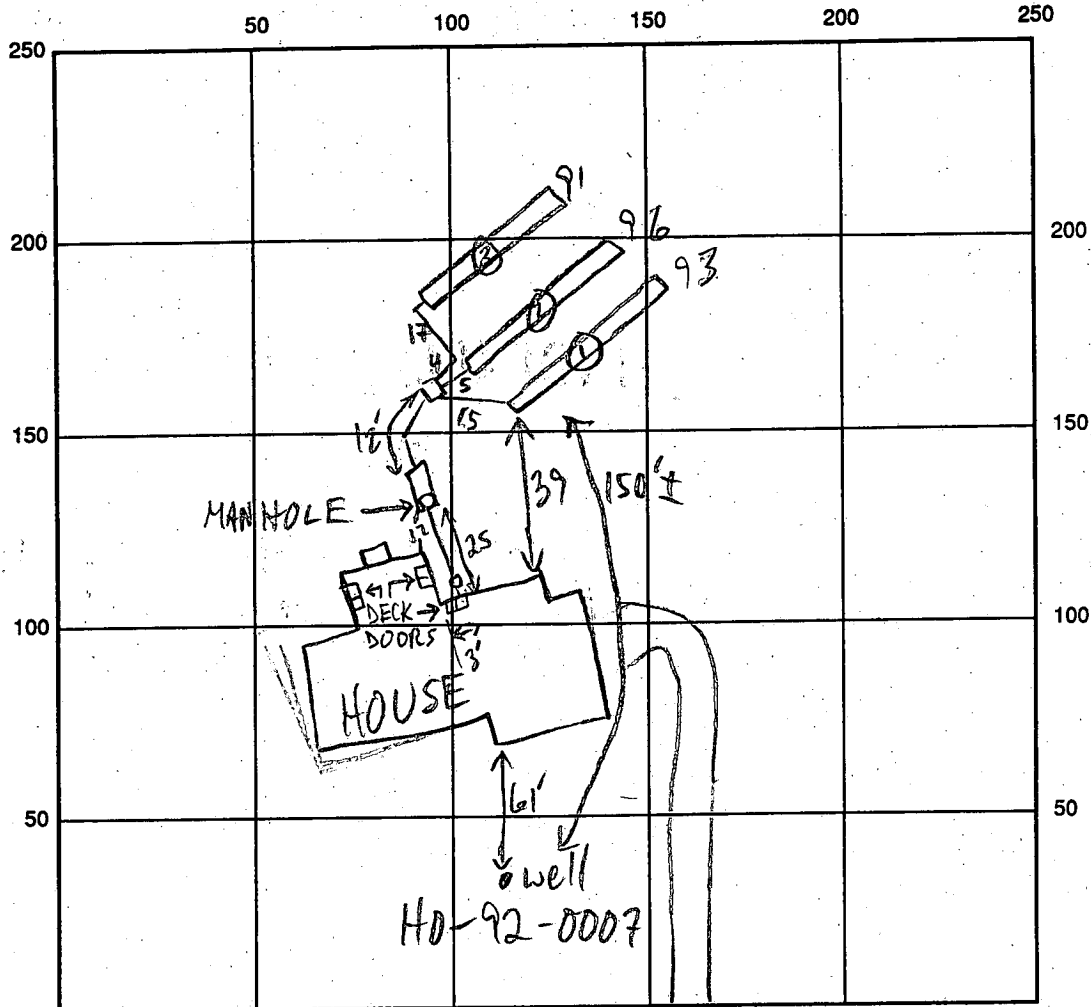
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



BROADMEADOW LA INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 GAL - OK

CLEANOUTS S.T. - MANHOLE - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH  $\frac{1}{6} \frac{2}{6} \frac{3}{6}$  FT.

TRENCH WIDTH 3 FT.

INLET DEPTH  $\frac{1}{4} \frac{2}{4} \frac{3}{4}$  FT.

EFFECTIVE GRAVEL DEPTH  $\frac{1}{2} \frac{2}{2} \frac{3}{2}$  FT.

TOTAL LENGTH  $\frac{1}{93} \frac{2}{96} \frac{3}{97}$  FT.

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 279 288 273 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 840 SQ. FT.

REMARKS: 8/18/92 #1 OK TO STONE ALL TRENCHES MR  
8/18/92 #2 OK TO COVER ALL TRENCHES; S.T. MAY  
NEED MANHOLE; LIKELY CONFLICT BETW. FUTURE DECK  
& S.T. MR

8/19/92 MANHOLE & ALL WORK OK MR

DATE SYSTEM APPROVED 8/19/92

INSPECTOR M. Riffkin

A37806

SUBDIVISION: Clearview Est  
Broad Meadow Ln

LOT NUMBER: 47

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

TRENCHES

210 sq. ft./bedroom

Trench to be 3 wide.

Inlet 4 feet below original grade.

Bottom maximum depth 6 feet below original grade.

Effective area begins at 4 feet below original grade.

2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: STARTING FROM THE RIGHT FRONT LOT CORNER, START THE FIRST TRENCH 180' DOWN THE RIGHT (280.00') LOT LINE AND 100' OFF THIS SAME LOT LINE. RUN TRENCHES ON CONTOUR TOWARD REAR OF LOT. Manhole and Tank placement as shown on plan.

Minimum 100' minimum sidewall area. MR 2/26/92  
from existing well No. 2: 300' x 300' x 10' deep

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37886  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT \_\_\_\_\_  
DATE 10/9/86  
June 30, 1986

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 Conrad J. and Patricia Langenfelder <sup>Tony + Lise Mangerie</sup> Martha V. Langenfelder  
11904 Clarksville Road 5511 Hamilton Avenue  
ADDRESS Clarksville, Maryland 21029 PHONE \_\_\_\_\_ Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm Cleanview Est Sec. 2 LOT NO. 34 3545 (47)  
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane  
(12019 Broad Meadow Lane)  
SIZE OF LOT 3.1 AC. TYPE BLDG. Residential  
(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.

Steven P. Murray  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/2/86 Perc SATISFACTORY; Shop Now Syst ONLY; HOLD FOR subdivision PLAT.

S. Abel BLDG. PERMIT SIGNED  
AND RETURNED 3/23/92  
Serial # 41315  
SFD

# THIS IS NOT A PERMIT

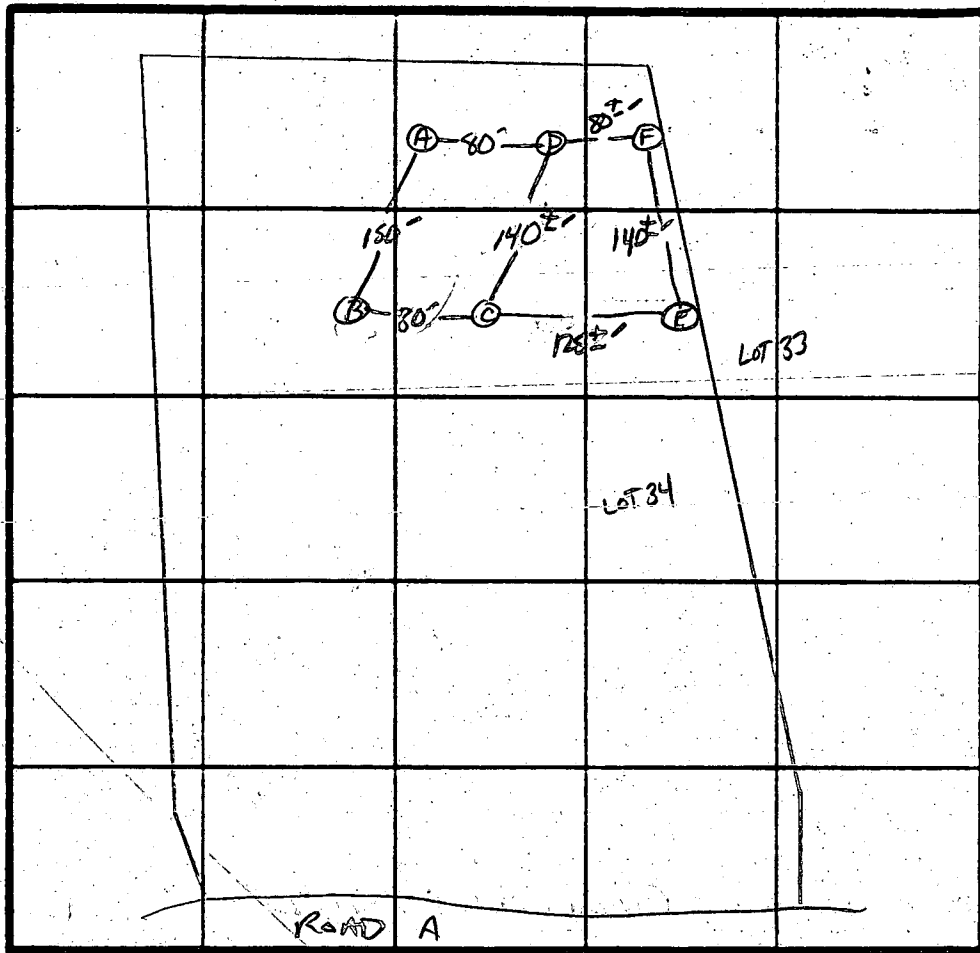
Ⓛ Ⓧ  
SOIL PROFILE

0  
12"  
3'  
12.5'

AP  
Yellow BR  
SAND LOAM  
<9% CLAY  
<10% FRAGS

17M - yell  
BROWN SAND  
LOAM  
<10%  
FRAGMENTS

Soil Dry



$\bar{X} = 14$   
210 BR  
Inlet 9'  
Bottom 6'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

to 108

6  
9"  
3.5'  
13'

Ⓧ Ⓛ  
AP  
Yellow BR silt  
Loam 9-12%  
CLAY - 15-25%  
FRAGMENTS

Yellow BR  
SAND LOAM  
Highly micaceous  
10-15%  
FRAGMENTS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/21/84	B	12" - 7"	SOIL WET	NO H <sub>2</sub> O	P 1hr.	NOT USED TO	AVOID W/S	
	D S	4"	2:37	2:38	2:38	2:40	2min	
		10.5"	un. FORM	SOIL BELOW 3"				
	C S	4"	2:48	2:58	2:58	3:20	22min	
		13"	UNIFORM SOIL	BELOW 4"				
	E S	4"	3:00	3:06	3:06	3:22	16min	
		9"	3:03	3:12	3:12	3:28	16min	
	E V	13"	SAMPLE AS HOLE # C					
	E V	12.5"	SAME AS HOLE D					

REMARKS HOLES DIFF THAN PLAT / Shallow Syst. Only

TYPE OF SOIL CHESTER / GLENOLG

TESTED BY S. Abe

ALSO PRESENT Allen BACKHOE (Weld) JANE

ENR 12 10/8

224  
APPLICATION

A1101

HOWARD COUNTY

# PERMIT APPLICATION

#25  
NY

SERIAL NUMBER  
41315

DEPARTMENT OF INSPECTIONS, LICENSES & PERMITS  
3430 COURT HOUSE DRIVE, ELICOTT CITY, MARYLAND 21043

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

12014 Broad Meadow Lane  
ELICOTT CITY MD 21043

GRADING/SEDIMENT CONTROL  YES  NO

DESCRIPTION OF WORK AUTHORIZED

New Single Family Home  
w/ Attached 2 car garage

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
47	356	-	-	19	-	-

SUB DIVISION	ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.
CLEARVIEW	R	29	5	6051.01

OWNER'S NAME AND ADDRESS: MARGERIE TONY & LISA MARGERIE  
10527 HUNTERS WAY  
LAWER MD 20707  
PHONE NO.: 776-454

OCCUPANT'S NAME AND ADDRESS: SAME  
PHONE NO.:

ARCHITECT OR ENGINEER'S NAME AND ADDRESS: N/A  
PHONE NO.:

CONTRACTOR'S NAME AND ADDRESS: RCM CONSTRUCTION  
5520 CEDAR LA  
COLUMBIA MD 21044  
PHONE NO.: 301/995-0133

EXISTING USE: VACANT  
PROPOSED USE: SINGLE FAMILY RES

EST. CONSTRUCTION COST: \$250,000  
LICENSE NUMBER: \_\_\_\_\_  
PERMIT FEE: \_\_\_\_\_

W/S CODE \_\_\_\_\_ FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE \_\_\_\_\_  
SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) \_\_\_\_\_  
DISTANCE IN FEET FROM SIDE STREET R/W LINE \_\_\_\_\_  
TO SIDE BUILDING LINE \_\_\_\_\_  
DISTANCE IN FEET, REAR YD. REQUIRING SET \_\_\_\_\_  
BACK CONDITIONS (IF ANY) \_\_\_\_\_ (CORNER LOT ONLY) \_\_\_\_\_

Checks payable to DIRECTOR OF FINANCE OF HOWARD COUNTY

**CAUTION**  
To begin construction before a permit placard has been issued and displayed on the job is a violation of the law.  
Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69 Revised

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			
ROOMS			
BATHS			
FIREPLACES			
FOOTINGS		FOUNDATION	S. WALLS

UTILITIES  
 WATER  WELD SEWER/SEPTIC  GAS  ELECTRICITY  TYPE OF HEAT: H. PUMP  AC

I have carefully examined and read this application and know the same is true and correct, and that in doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Bureau of Inspections, and Permit twenty-four hours in advance when I am ready for the inspections called for elsewhere in this application; and that no work will be covered up until such inspections have been completed with.

\_\_\_\_\_  
 TITLE: PR. CON. TITLE DATE: 2/24/92

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	3/23/92	Mark E. R. P. [Signature]
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 Distribution of Copies:  
 White - Building Official  
 Green - Planning & Zoning  
 Yellow - Engineering  
 Pink - Health Dept  
 Gold - S.H.A.

B 1 5385 SEQUENCE NO. (DP USE ONLY)  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
40-92-0007  
fill in this form completely

Date Received (APA) 020392  
OWNER INFORMATION  
RCM CORPORATION  
5520 CEDAR LANE  
COLUMBIA MD 21046

B 3 LOCATION OF WELL  
HOWARD  
CLEARVIEW ESTATES  
SECTION 44 46 LOT 47  
CLARKSVILLE  
MILES FROM TOWN 2 MI

DRILLER INFORMATION  
George F. Basterday  
L. Franklin Easterday, Inc.  
265 Brown Church Rd., Mt. Airy, Md. 21771  
Signature Date 1-29-92

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 70 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)  
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A37806  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE DATE ISSUED 022692 Mark E. Rifkin 8/26/92  
NORTH GRID 506000 EAST GRID 0820000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH 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

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 820  
N 5006

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
D THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  
Sketch showing location of well near Broad Meadow Lane and Meadows Lane. Includes handwritten notes: '3/5/92 10:30 location (only 90' from 25' casing south area) 20' opening but at staked site 10 bags gravel R/P 3-5-92' and a date stamp '25 FEB -3/6/92 3:51'.

Not to be filled in by driller (OEP USE ONLY)  
APPROX. PERMIT NUMBER GAP 60  
FORCE MK PERMIT No. 40-92-0007

SPECIAL CONDITIONS 995-0133 Al Trellis CLARKSVILLE COUNTY



**5143** 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 **A37806**

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED  
**030397**

Depth of Well  
**360**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**HD-92-0007**

OWNER **KCM Corp**  
 last name first name  
 STREET OR RFD **Broad Meadow** TOWN **Clarksville**  
 SUBDIVISION **CLEARVIEW** SECTION LOT **97**

**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	2	
Clay	2	3	
Sand Stone	3	8	
brown shale	8	20	
Mica	20	330	✓
Flint	330	332	
Mica	332	360	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **10** NO. OF BOUNDS **1000**  
 GALLONS OF WATER **50**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **20** 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 **ST** **G** **ZS**  
 Nominal diameter top (main) casing (nearest inch) **6** **25**  
 Total depth of main casing (nearest foot) **360**

**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.)**  
**HD** **23** **360**  
 EACH SCREEN  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) **56** **60**  
 from to

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.) W Q  
 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.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **66**  
 WHEN PUMPING **77**  
 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**  
 (CIRCLE) (YES or 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) **31** **35**  
 PUMP HORSE POWER **37** **41**  
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 (+) above LAND SURFACE (nearest foot) **2**  
 (-) below

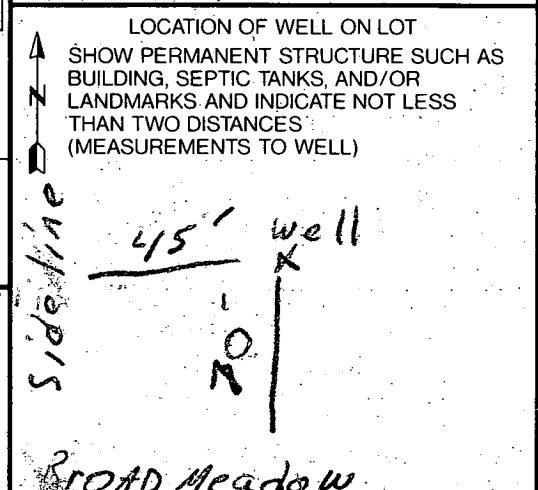
CIRCLE APPROPRIATE LETTER  
 A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
 E ELECTRIC LOG OBTAINED  
 P TEST WELL CONVERTED TO PRODUCTION WELL

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. **40**  
**Mario J. Edworthy**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
**Mario J. Edworthy**

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



COUNTY



8/20/92  
NSP

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 # 48015  
Date 4-10-92  
Name of Installer C. DONALD DEMENT Telephone 301 384 6493  
License Number 276  
Certified Well Pump Installer  Well Driller  Registered Plumber   
Name of Property Owner TONY MANZERIA Telephone 301-276-4654  
Subdivision BE CLEAR VIEW Lot # 47 Well Tag # HO-92-0007  
Site Address 2019 BROAD MEADOW LANE  
ELLICOTT CITY 21043

Pump  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make GEHL  
3. Model # \_\_\_\_\_  
4. Capacity 10 GPM  
5. Pump exceeds well capacity Yes  No   
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  Other

Motor  
1. Horsepower 3/4  
2. RPM \_\_\_\_\_  
3. Voltage \_\_\_\_\_  
a. 110   
b. 220

Pitless Adapter  
1. Make MART  
2. Model # BP  
3. Depth 48

Tank  
1. Capacity 50  
2. Pressure relief valve? YES

Piping  
1. Type Poly  
2. Size 1" 160  
3. NSF and/or BOCA Code approved \_\_\_\_\_  
4. Depth of supply line 48"

Well data  
1. Depth 240 ft.  
2. Yield 104 GPM  
3. Static water level 60 ft.  
4. Will water supply be disinfected by installer? YES

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: C. Donald Dement

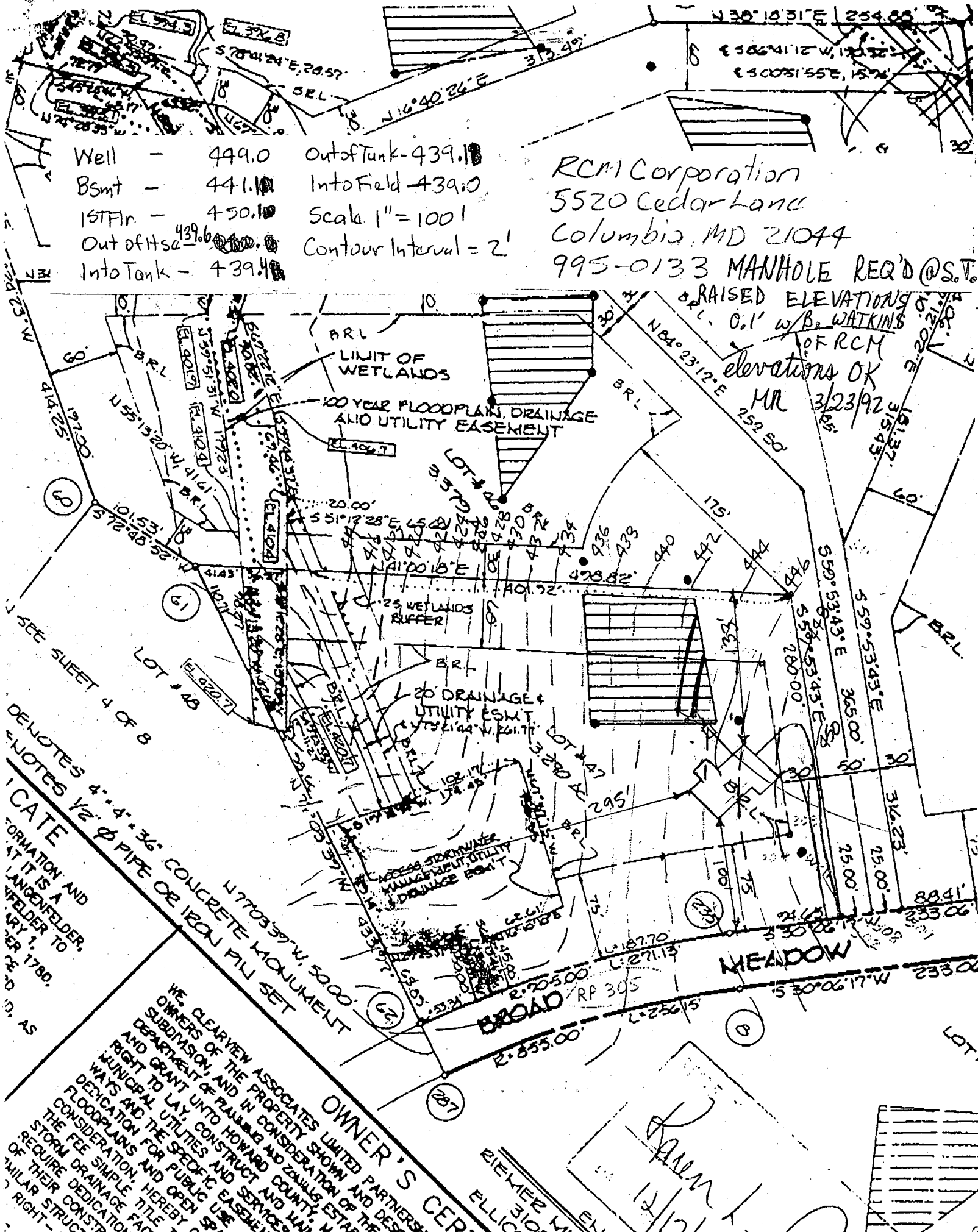
Date: 4-10-92

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

Well - 449.0    Out of Tank - 439.1  
 Bsmt - 441.1    Into Field - 439.0  
 1st Flr - 450.1    Scale 1" = 100'  
 Out of Its - 439.6    Contour Interval = 2'  
 Into Tank - 439.4

RCM Corporation  
 5520 Cedar Lane  
 Columbia, MD 21044  
 995-0133 MANHOLE REQ'D @ S.T.

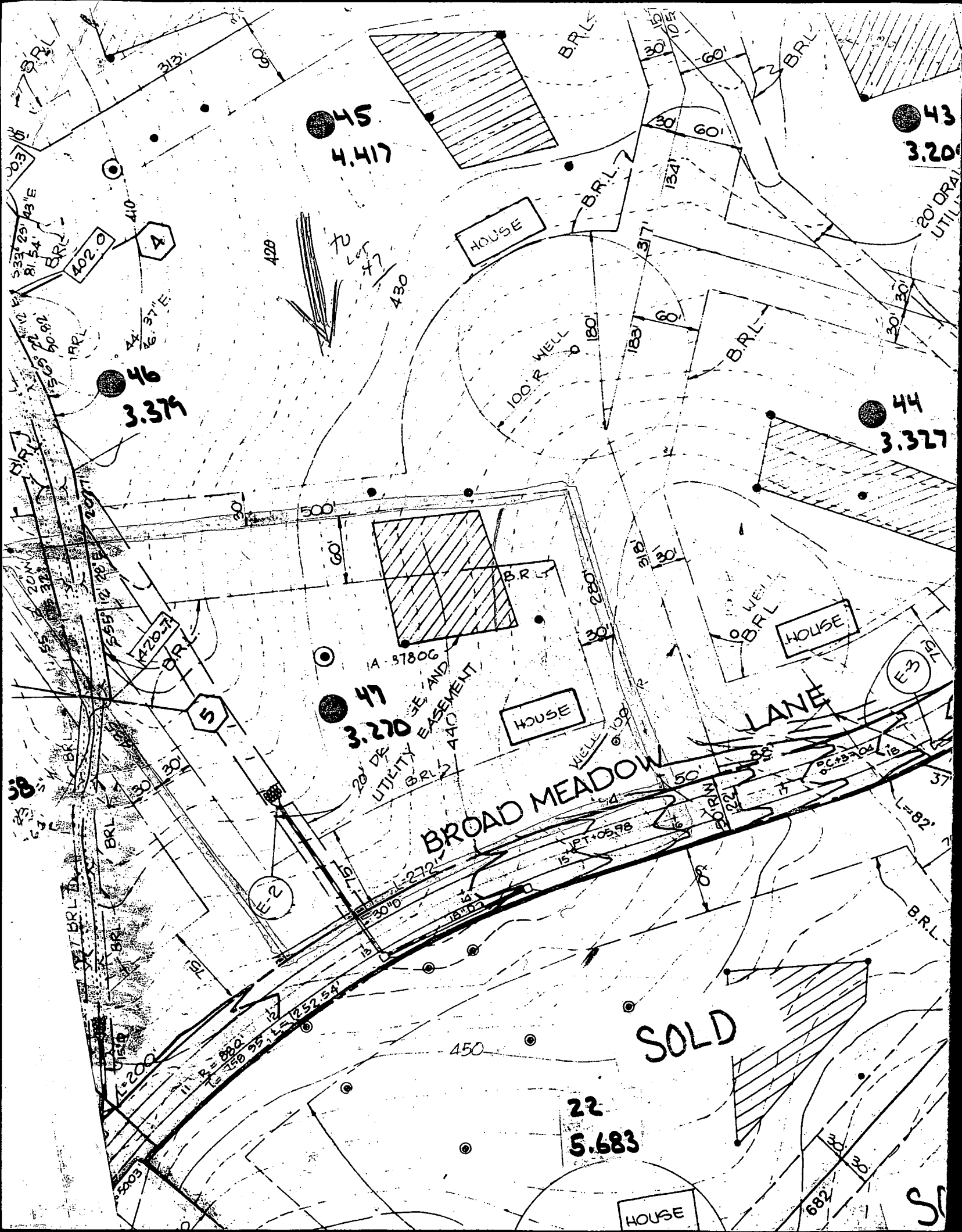
RAISED ELEVATIONS  
 0.1' w/B. WATKINS  
 OF RCM  
 elevations OK  
 MR 3/23/92



SEE SHEET 4 OF 8  
 DENOTES 4" x 4" x 36" CONCRETE MONUMENT  
 NOTES 1/2" Ø PIPE OR IRON PILE SET  
 CATE  
 INFORMATION AND  
 LANGENFELDER,  
 1780  
 AS

WE, CLEARVIEW ASSOCIATES LIMITED PARTNERSHIP,  
 OWNERS OF THE PROPERTY SHOWN AND DESIGNATED  
 SUBDIVISION, AND IN CONSIDERATION OF THE  
 DEPARTMENT OF PLANNING AND ZONING, ESTABLISH  
 AND GRANT UNTO HOWARD COUNTY AND LAURENS  
 MUNICIPAL UTILITIES AND PUBLIC SERVICES  
 RIGHT TO LAY, CONSTRUCT AND MAINTAIN  
 WAYS AND THE SPECIFIC EASEMENTS  
 DEDICATION AND OPEN SPACE  
 FLOODPLANS AND OPEN SPACE  
 THE FEE SIMPLE TITLE  
 CONSIDERATION OF THE  
 STORM DRAINAGE FAC  
 REQUIRE DEDICATION  
 OF THEIR CONSTR  
 SIMILAR STRUCT  
 RIGHT

OWNER'S CERTIFICATE  
 BIEWER MILL  
 12/17/92



45  
4.417

43  
3.200

46  
3.379

44  
3.327

47  
3.270  
20' DR. UTILITY EASEMENT  
B.R.L. 440

22  
5.683

BROAD MEADOW LANE

SOLD

HOUSE

HOUSE

HOUSE

HOUSE

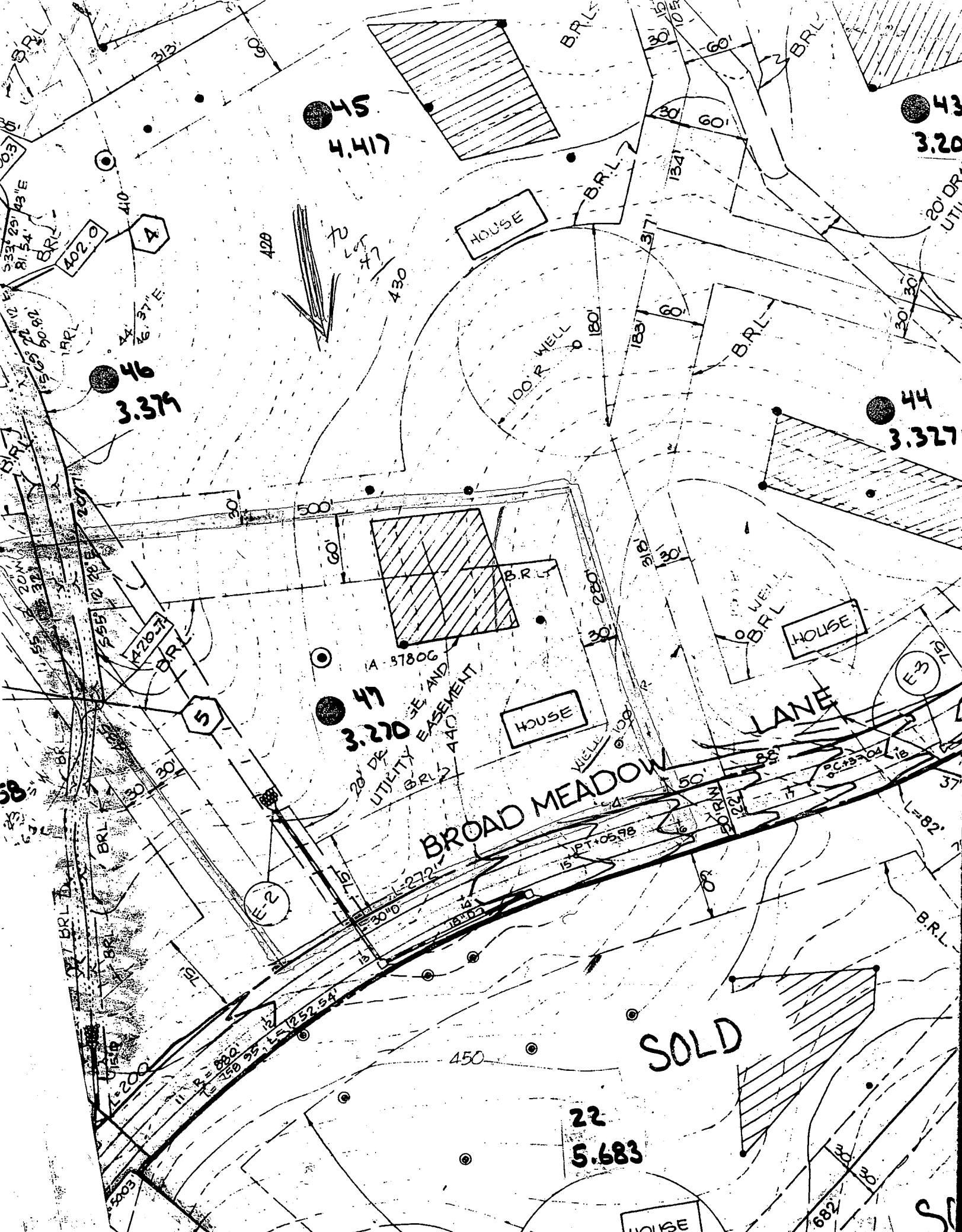
100' R WELL

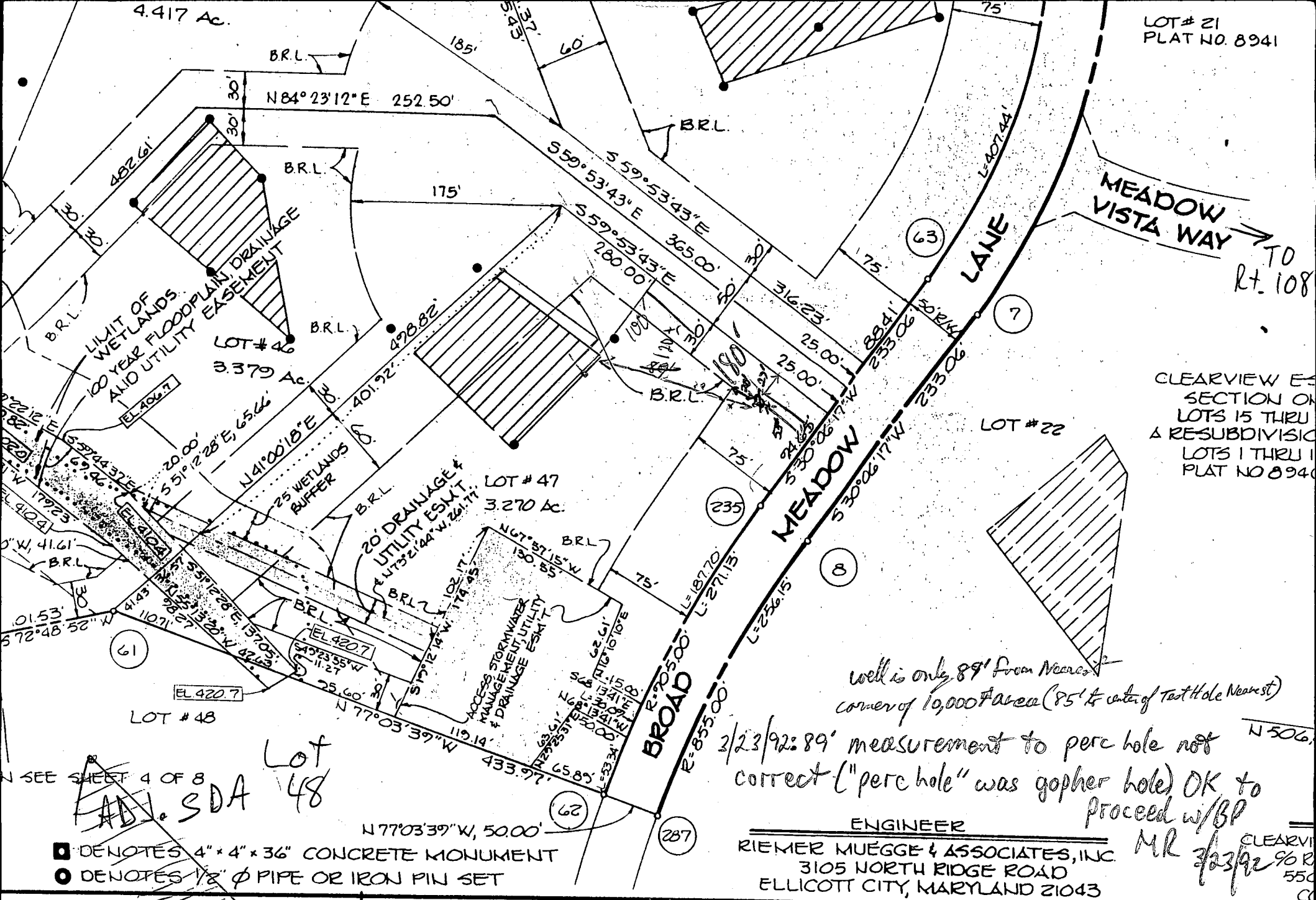
WELL  
B.R.L.

20' DR. UTILITY

E-3

E-2





LOT # 21  
PLAT NO. 8941

MEADOW VISTA WAY  
TO Rt. 108

CLEARVIEW E.S.  
SECTION ON  
LOTS 15 THRU  
& RESUBDIVISION  
LOTS 1 THRU 1  
PLAT NO 8940

LOT # 22

well is only 89' from Nearest  
corner of 10,000 Area (85' to center of Test Hole Nearest)

2/23/92: 89' measurement to perc hole not  
correct ("perc hole" was gopher hole) OK to  
proceed w/BP

ENGINEER  
RIEMER MUEGGE & ASSOCIATES, INC  
3105 NORTH RIDGE ROAD  
ELLCOTT CITY, MARYLAND 21043

MR 3/23/92  
CLEARVIEW  
96 R  
550  
CO

**CERTIFICATE**

OF MY KNOWLEDGE, INFORMATION, AND  
HEREON IS CORRECT. THAT IT IS A  
CONVEYED BY CONRAD J. LANGENFELDER,  
WIFE AND MARTHA V. LANGENFELDER TO  
PARTNERSHIP, BY DEED DATED FEBRUARY 1,

**OWNER'S CERTIFICATE**

WE, CLEARVIEW ASSOCIATES LIMITED PARTNERSHIP, BY RANDALL REINER, PARTNER,  
OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF  
SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE  
DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES  
AND GRANT INTO HOWARD COUNTY, MARYLAND ITS SIGNATURE

RECORDED AS PLAT  
ON 12/17/92  
LAND RECORDS OF

SEE SHEET 4 OF 8  
AD. SDA Lot 48

- DENOTES 4" x 4" x 36" CONCRETE MONUMENT
- DENOTES 1/2" Ø PIPE OR IRON PIN SET