

NOON
4/28/93
(PLATE)
4/29/93
11:00 A.M.

Tap ID - 05 - 412161

File

4/28/93 (2) P.C.C.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 4850.4

A 47768

DISTRICT 5th

DATE 9/29/92

DATE SYSTEM APPROVED 4/29/93

INSPECTOR C. B. J.

~~Whitworth Excavating~~ FOBLE IS PERMITTED TO INSTALL ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, Maryland 21029 PHONE 854-2413

SUBDIVISION Chapel Woods II LOT 22 ROAD 11801 Shepards Crossing

PROPERTY OWNER Anees & Zeeba Ahsan

ADDRESS _____

SEPTIC TANK CAPACITY 2000 GALLONS

NUMBER OF BEDROOMS 6

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 270-216

TRENCHES - 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. 45 feet of stone below distribution pipe.

LOCATION - Place the distribution box 225 feet from the front lot line and 100 feet from the right lot line. Run trenches on contour toward rear of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/11/92 BH

PLANS APPROVED BY C. Williams REVISED MR 4/21/93 DATE 2/10/92

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

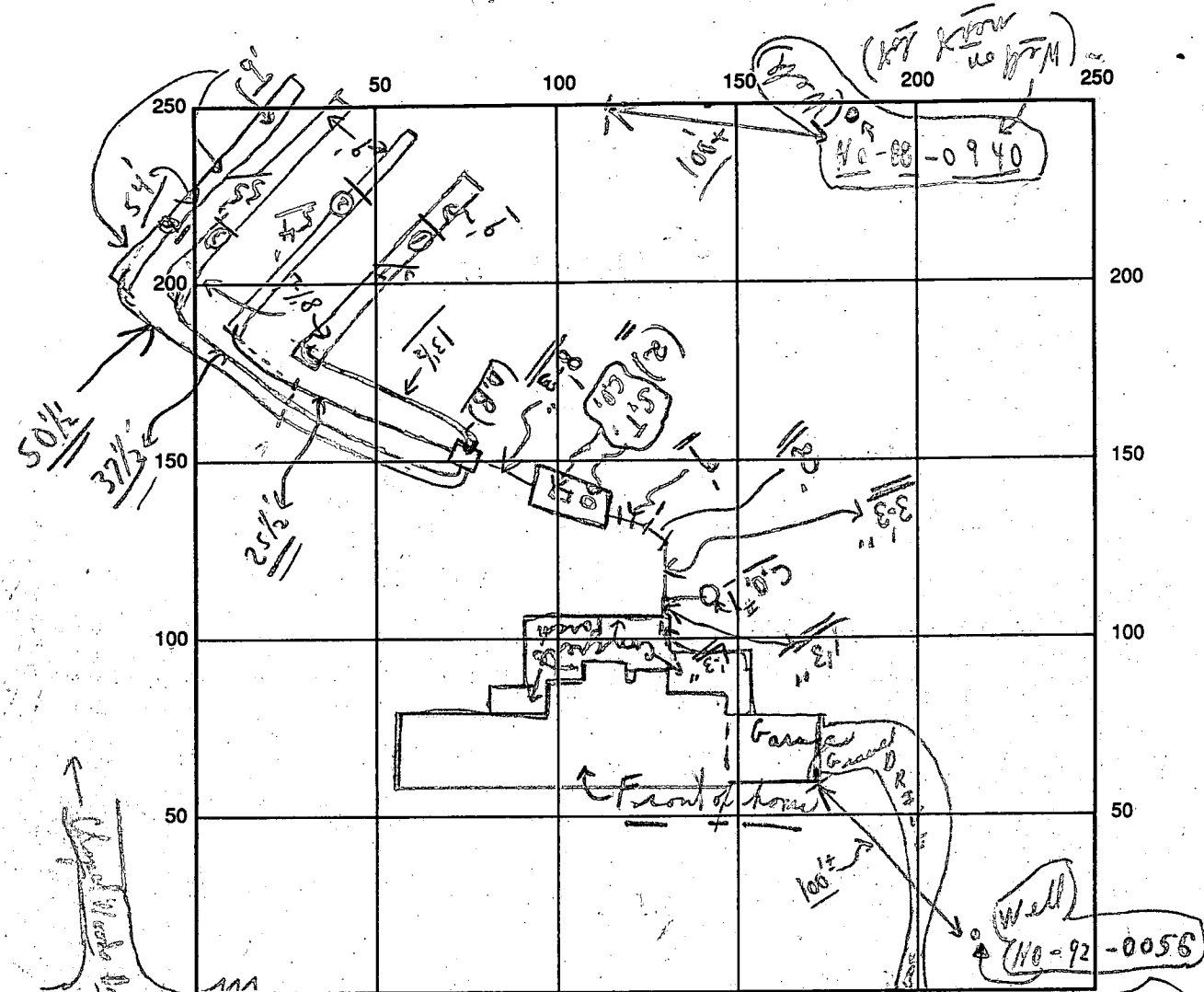
PERMIT VOID AFTER TWO YEARS

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**

A 47768



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Shepherd's Crossing

SEPTIC TANK LEVEL OK CLEANOUTS COL. #1 OK S.T. M.F.O. OK S.T. REOK

DISTRIBUTION BOX LEVEL OK (Baffle in)

DRAIN FIELD/TITLE DEPTH 8 1/2⁺ average FT. TRENCH WIDTH 2' FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5⁺ FT. TOTAL LENGTH 54' FT. = (217)

NUMBER OF TRENCHES 4 ONE SIDEWALL AREA 1085 SQ. FT.

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

ABSORBENT AREA 1085⁺ SQ. FT.

REMARKS: 4/20/93 ALL TRENCHES TO BE 100'+ FROM ANY WATER WELL;
P.M. 4/20/93 OK FROM HOUSE TO DIST. BOX; ONLY Partial C.B. 4/20/93 LATE P.M.
Partial - trenches #1, 2 and 3 (3) ok for stone; Need to see
only trench #4 left to dig before stone added; C.B. 4/29/93 ok
for stone in #4 trench; ok to cover as finish; Material on site
4/29/93 No W.P.I. C.B. 4/29 No W.P.I. C.B.

DATE SYSTEM APPROVED 4/29/93 INSPECTOR Charles Brown Shearer

Notes: as per above (built house & septic area
4/20/93 (located 4 trenches - due to water well on next lot and
Ray's house. Recommend repairs with new wells. C.B.)

APPLICATION

47768

PERCOLATION TESTING

A 47768

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

AHSAN, ANEES + ZEEBA

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

PROPERTY OWNER

~~JJM PARTNER SHIP (Eric Mikolasko)~~

ADDRESS

5570 - 205 Sterrett Place

PHONE

301-740-4466
730-1068

PROSPECTIVE BUYER _____

ADDRESS _____

PHONE _____

PROPERTY LOCATION:

SUBDIVISION

CHAPEL WOODS II

LOT NO.

22

ROAD AND DESCRIPTION

Directions: Rt 29 S to 108 West; 108 W to Linden Chapel Rd make Right.

Linden Chapel Road to Chapel Estates Dr make Left; Chapel Estates Dr to Shepards Crossings.

TAX MAP

29

PARCEL #

86

(11801 Shepards Crossing)

SIZE OF LOT

3 ac.

TYPE BLDG

Single

(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.

E. Mikolasko

(SIGNATURE OF APPLICANT)

APPROVED BY _____

FOR _____

DATE _____

REJECTED BY _____

FOR _____

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

REASONS FOR ~~REVISION~~ OR HOLDING

Reviewed - 1/29/92 for new well; abandonment of old well; new septic area + house site

HD-216

BLDG. PERMIT SIGNATURE

AND RETURNED

Serial # 92957-SPD

C.B.E.

THIS IS NOT A PERMIT

pinkly

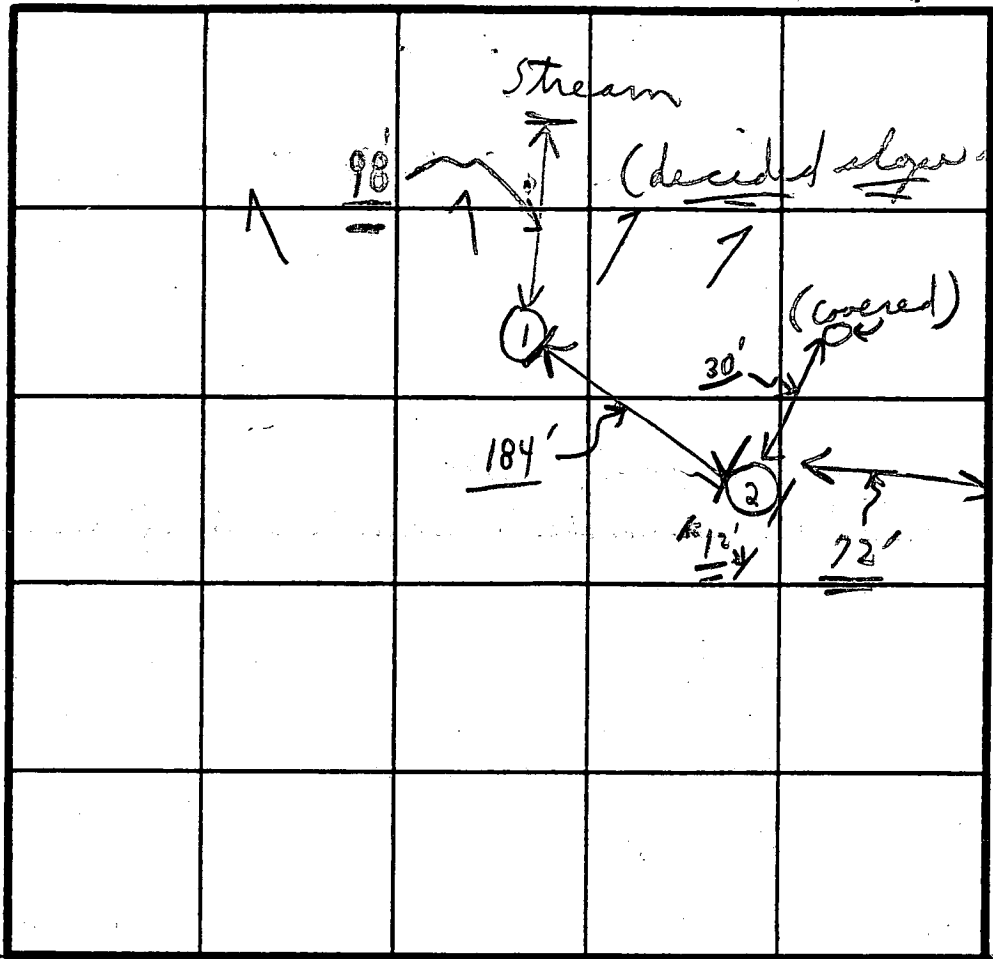
Hole
① = "G"

SOIL PROFILE

0' to 3'
CLAY

3' to 14'
Sandy
Loam
Some
Mica

14'
DRY



110-88-0940
Existing
Water
Well

SN

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole
② = "F"

0' to 5 1/2'
Clay

5 1/2' to 14'
LOAM

↓

DRY
TO
14'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
8/21/91	① "G"	0' to 3'	Clay		3' to 14' Sandy loam		}
	① =	14'	dry		Some mica		
	② "F"	0' to 5 1/2'	Clay		5 1/2' to 14' LOAM		}
	② =	14'	dry				

REMARKS 8/21/91 (2) Visual holes only - at site

TYPE OF SOIL

TESTED BY No tests
C. BR.

ALSO PRESENT (1) JORD CASE (2) CHRIS

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 37578
P _____

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

DISTRICT _____
DATE 8/19/86

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 J.J.M. Partnership

ADDRESS 5570-201 Sterrett Place PHONE 740-4466
Columbia, Maryland 21045

LOT 22 on Prelim

PROPERTY LOCATION:

SUBDIVISION Chapel Woods II LOT NO. 21

ROAD AND DESCRIPTION West side of Middle Patuxent; North of Route 108

SIZE OF LOT 3.5 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.

John Mikolasko
(SIGNATURE OF APPLICANT)

APPROVED BY Fickling Abel FOR Stenderet Fund DATE 7-24-87

REJECTED BY _____ FOR _____ DATE _____

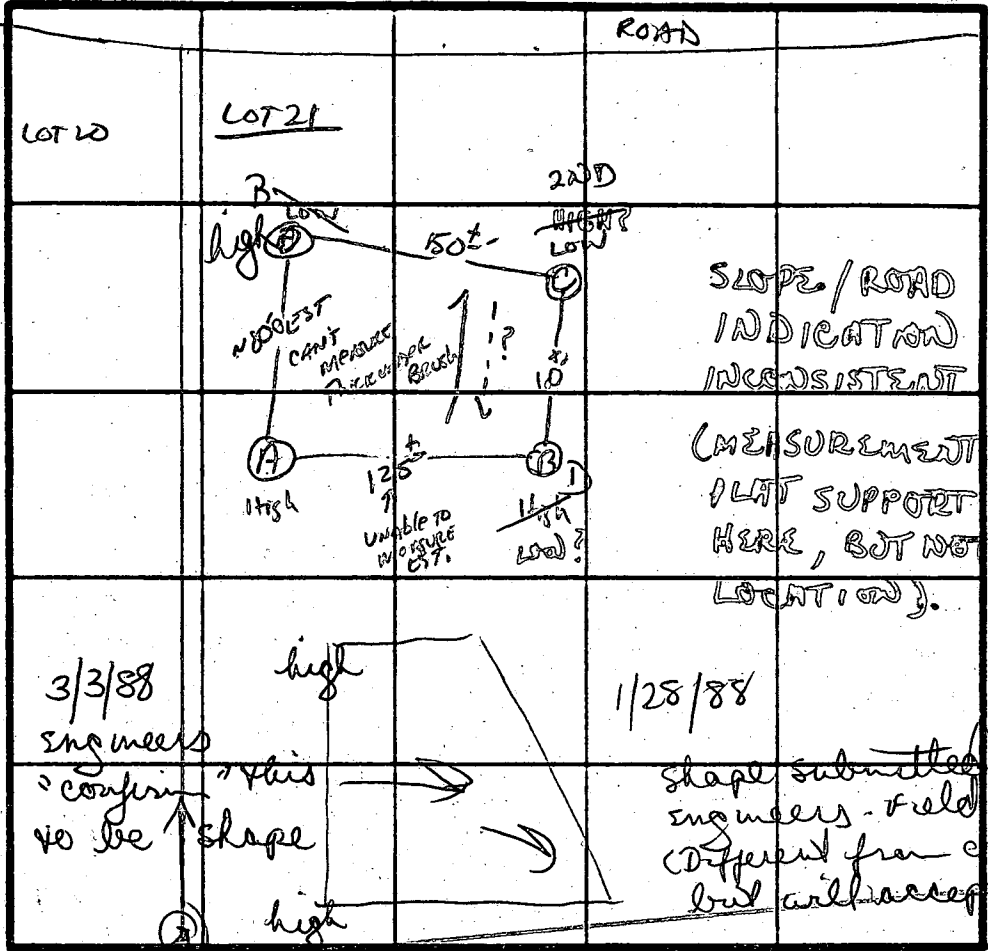
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-9-86 Rec. Satisfactory; Hold For Subdivision Plat. S. Map

THIS IS NOT A PERMIT

SOIL PROFILE

0	4 1/2'	3'	13'
(A)	(B)		
A-3			
Yellow Bl SAND LOAM 9-12% CLAY 100% FRAGS			
Yellow Br SAND LOAM Slightly micaceous 10-15% FRAGMENTS			



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/1/86	A S	3.5'	2:30	2:32	2:32	2:37	5 min
		18.5'	2:28	2:29	2:29	2:31	2 min
	A V	13'	UNIFORM soil below 3"				
	B S	3.5'	2:44	2:46	2:46	2:49	3 min
	B V	13'	UNIFORM soil below 3"				
	C S	4'	2:53	3:07	3:07	3:34	27 min
	C V	X SHALLOW PIT	SAME ELEVATION AS HOLE # B				
	D S	3'	3:02	3:11	3:11	3:33	28 min
	D V	12.5'	UNIFORM soil below 4"				

x=12

REMARKS HOLES PER PLAT. APPROX

TYPE OF SOIL

TESTED BY S. Abel

ALSO PRESENT H/O owner/developer



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 11, 1992

Reply to:

Mr. and Mrs. Michael A. Franchetti
4504 Alpine Rosebend
Ellicott City, Maryland 21043

RE: Well Tag Number: HO-88-0940
Lot 21 - Chapel Woods
Shepards Crossing

Dear Mr. and Mrs. Franchetti:

This office has just received a site plan for the adjacent Lot 22, indicating that the well (HO-88-0940) which had been permitted for that lot, was inadvertently drilled on your lot.

Our records show that your property is already served by a separate well (HO-88-0939).

Please contact this office to confirm whether or not well tag number: HO-88-0940 is in fact on your property. The owner of Lot 22 reports that he has been unsuccessful in arranging an easement to allow his use of the well. If the well is on your property, and there are no plans for it to be put into service, then it is appropriate to discuss proper abandonment procedure.

Please contact this office (461-9933) as to what your intent is or if you would prefer to discuss this matter further. Thank you for your cooperation in this matter.

Very truly yours, -

Craig Williams, Program Director
Water and Sewerage Program

CW:jr

Enclosure

cc: Eric Mikolasko - JJM, Inc.
Chris Reid - Reimer Muegge & Associates
File

Lot 22 Chapel Woods
 4.222 Acres
 Scale 1"=100'
 Contour Interval = 2'

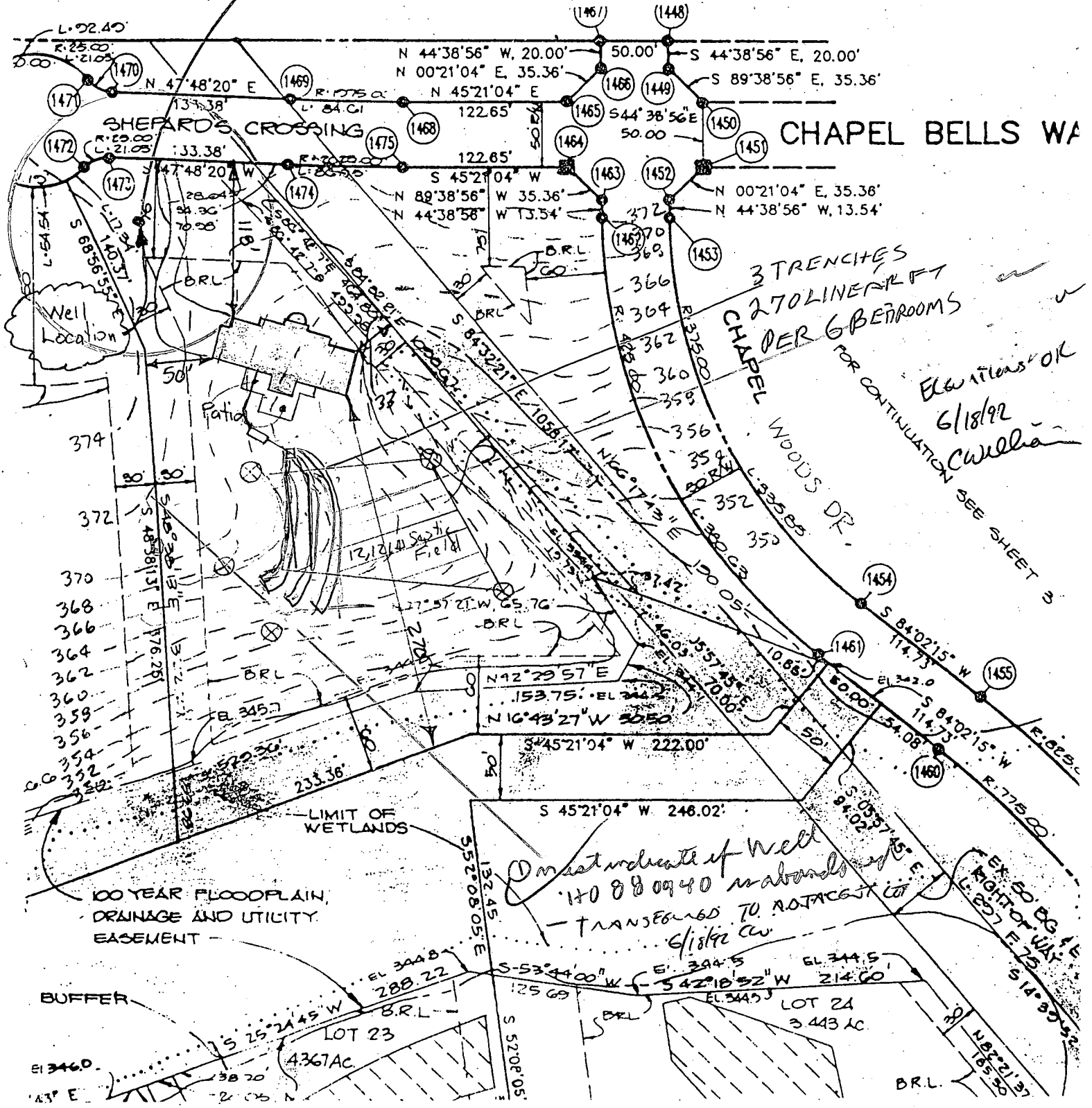
RCMI Corporation
 5520 Cedar Lane
 Columbia, MD 21044
 410-993-0133

Ground at Field	367.0
Into Field	363.0
Out of Tank	363.7
Into Tank	364.0
Out of House	364.5

Basement 364.0 * Ejector Pump for Basement Facilities
 1st Floor 373.7



No 920056



63

Elevations OK
 6/18/92
 CW

FOR CONTINUATION SEE SHEET 3

Must indicate if Well 170 88 09 40 is abandoned - TRANSFERRED TO ADJACENT LOT 6/18/92 CW

EX 50' EG 4' E RIGHT OF WAY

BUFFER

LIMIT OF WETLANDS

100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT

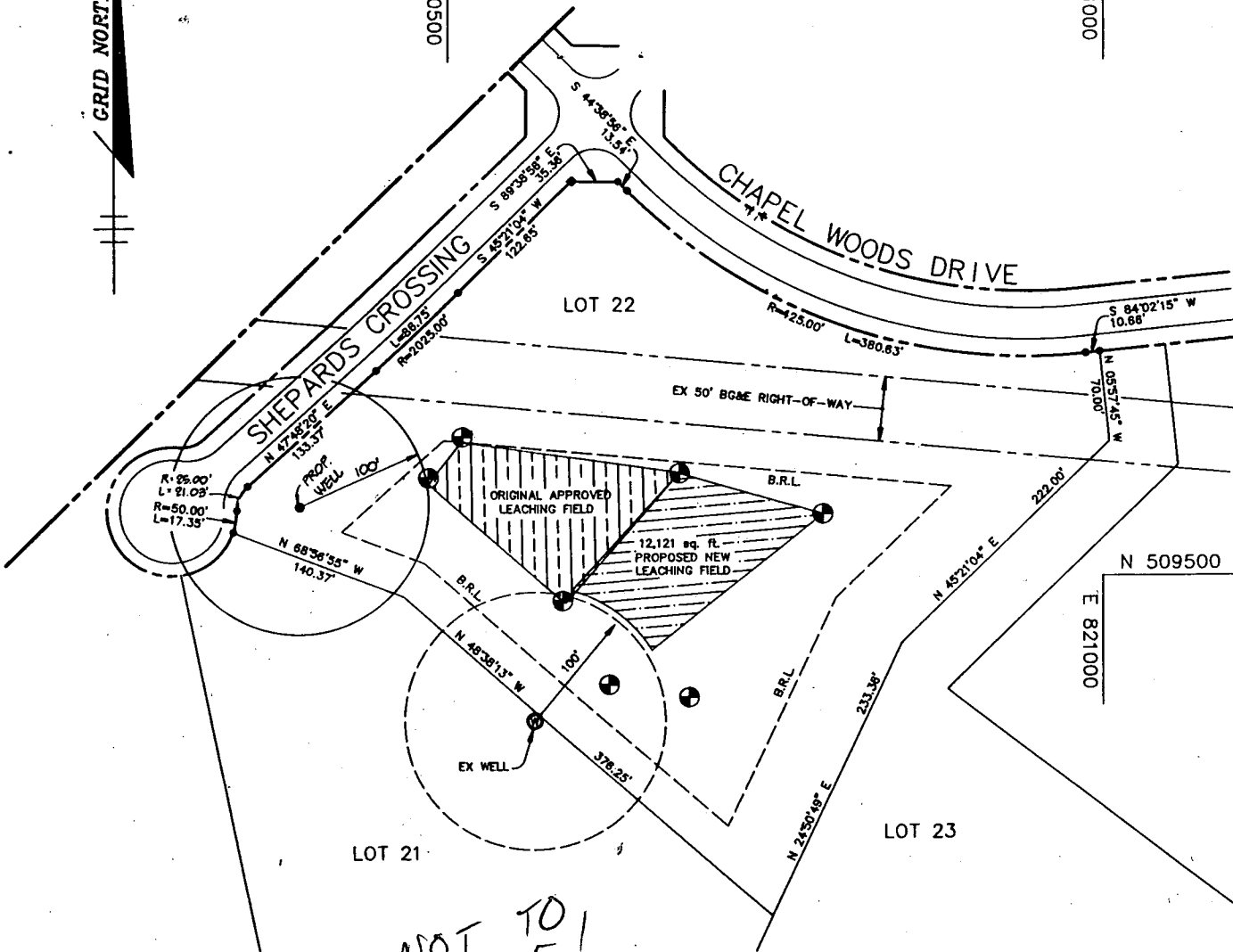
LOT 23 4.367 AC

LOT 24 3.413 AC

GRID NORTH

820500

821000



NOT TO SCALE!

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS BY HOWARD COUNTY HEALTH DEPARTMENT.

Jocelyn Boyd 2-13-92
 COUNTY HEALTH OFFICER cwo DATE

RIEMER MUEGGE & ASSOCIATES, INC.
 A Land Planning, Engineering and Consulting Firm
 8818 Centre Park Drive • Suite 200 • Columbia, Md 21045
 301-997-8900 FAX : 301-997-9282

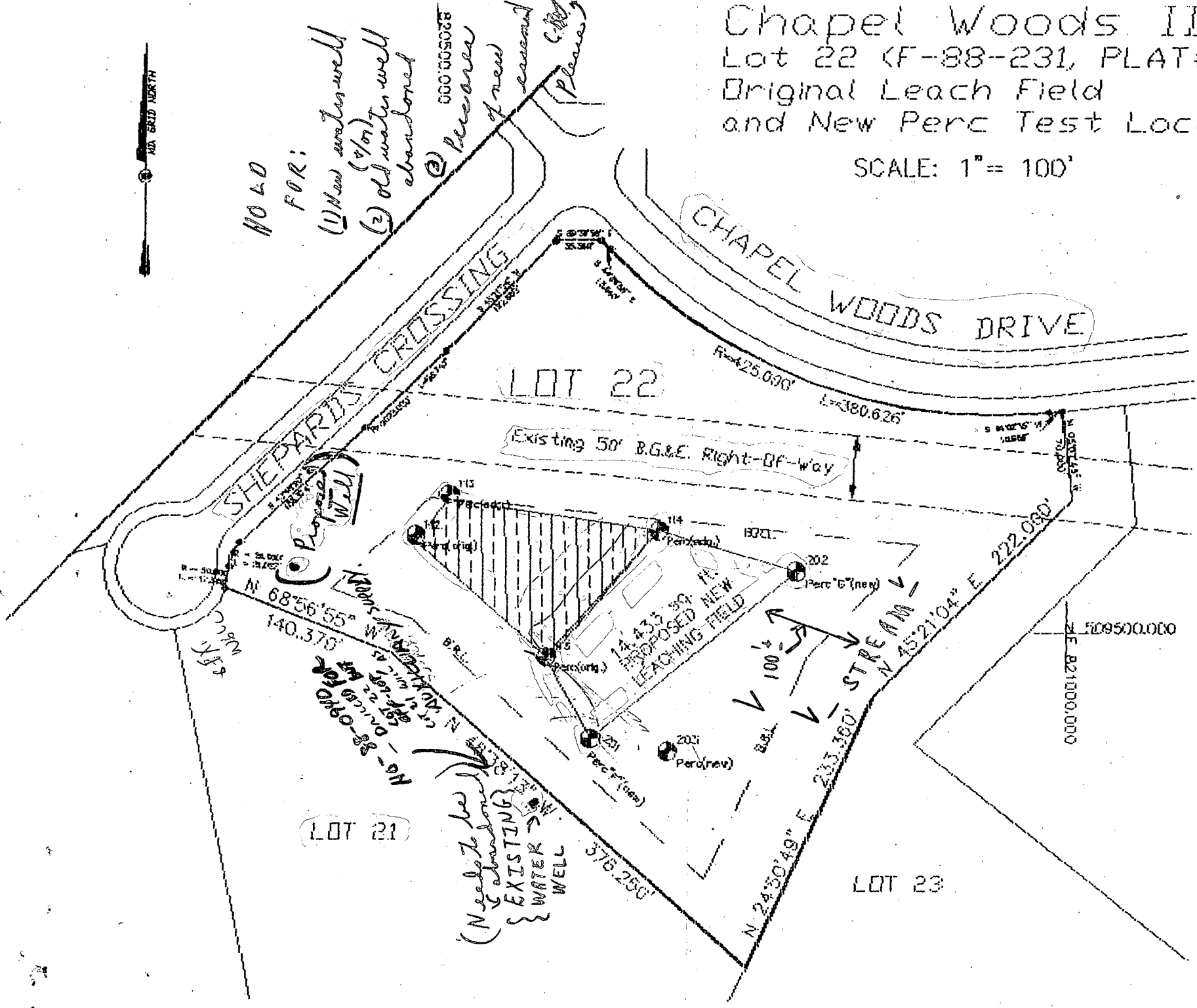
**SEPTIC EASEMENT
 MODIFICATION**

CHAPEL WOODS II
 LOT 22
 F-88-231 PLAT #9009
 DATE : FEBRUARY 3, 1992
 SCALE: 1" = 100'

Chapel Woods II

Lot 22 (F-88-231, PLAT#9009)
Original Leach Field
and New Perc Test Locations

SCALE: 1" = 100'



NO. 40
FOR:
(1) New water well
(2) Old water well abandoned

220500.000
Pleasure
of new
assess

LOT 22

CHAPEL WOODS DRIVE

SHEPARIN CROSSING

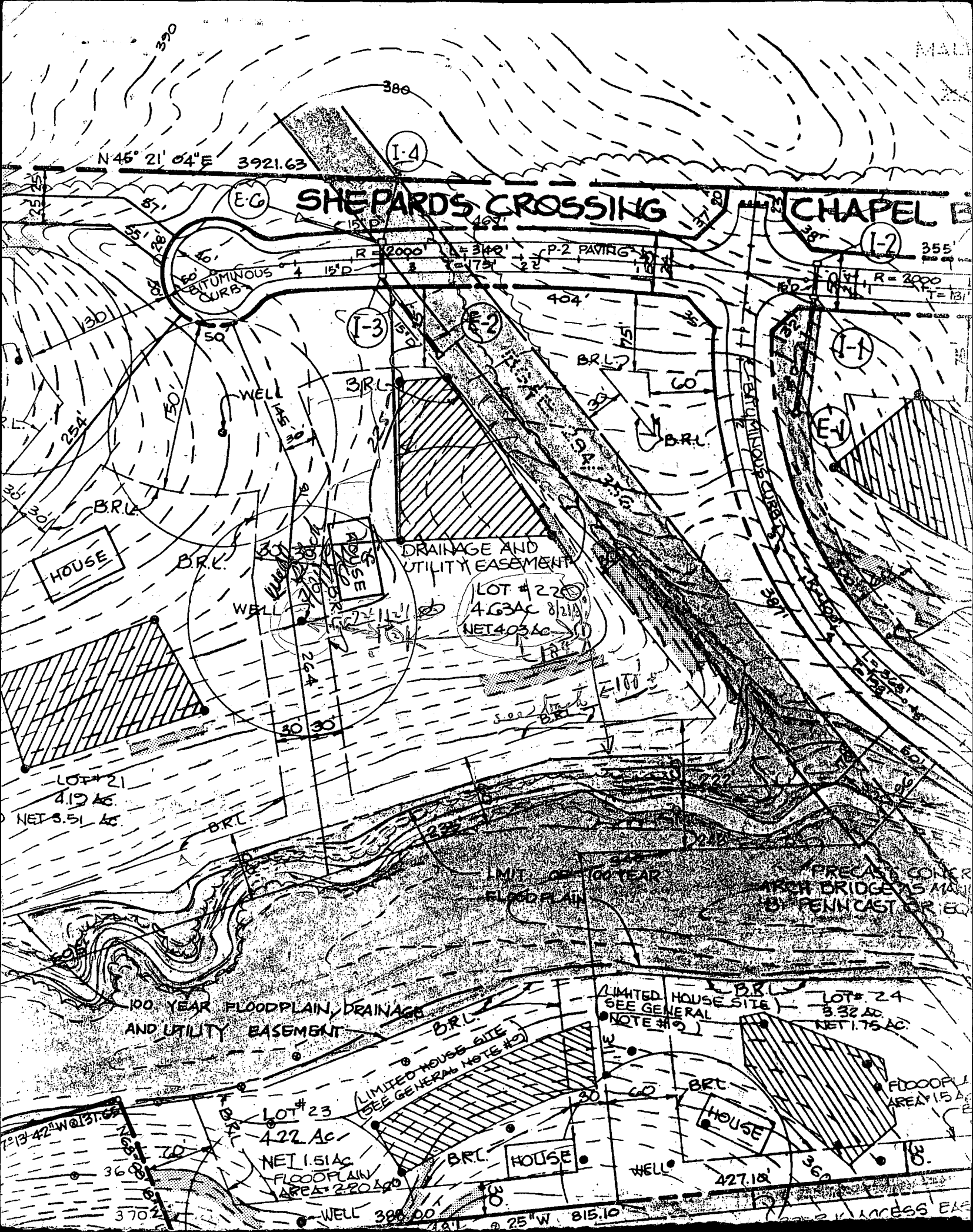
Existing 50' B.G.&E. Right-Of-Way

(Needs to be abandoned)
EXISTING WATER WELL

LOT 21

LOT 23

Engineer is Riemer, Muegge & Assoc



MAL

390

380

N 45° 21' 04" E 3921.63'

SHEPARD'S CROSSING

CHAPEL

(E.G)

(I-2)

355

BITUMINOUS CURBS

P-2 PAVING

R=2000' T=131'

(I-3)

(E-2)

(I-1)

(E-1)

HOUSE

DRAINAGE AND UTILITY EASEMENT

LOT # 22
4.63 AC 8/21/83
NET 4.03 AC

LOT # 21
4.19 AC
NET 3.51 AC

LIMIT OF 100 YEAR FLOODPLAIN

PRECAST CONCR ARCH BRIDGES MAIN BY PENNCAST OR EQ

100 YEAR FLOODPLAIN, DRAINAGE AND UTILITY EASEMENT

LIMITED HOUSE SITE (SEE GENERAL NOTE #9)

LOT # 24
3.32 AC
NET 1.75 AC

LOT # 23
4.22 AC
NET 1.51 AC
FLOODPLAIN AREA 2.70 AC

HOUSE

HOUSE

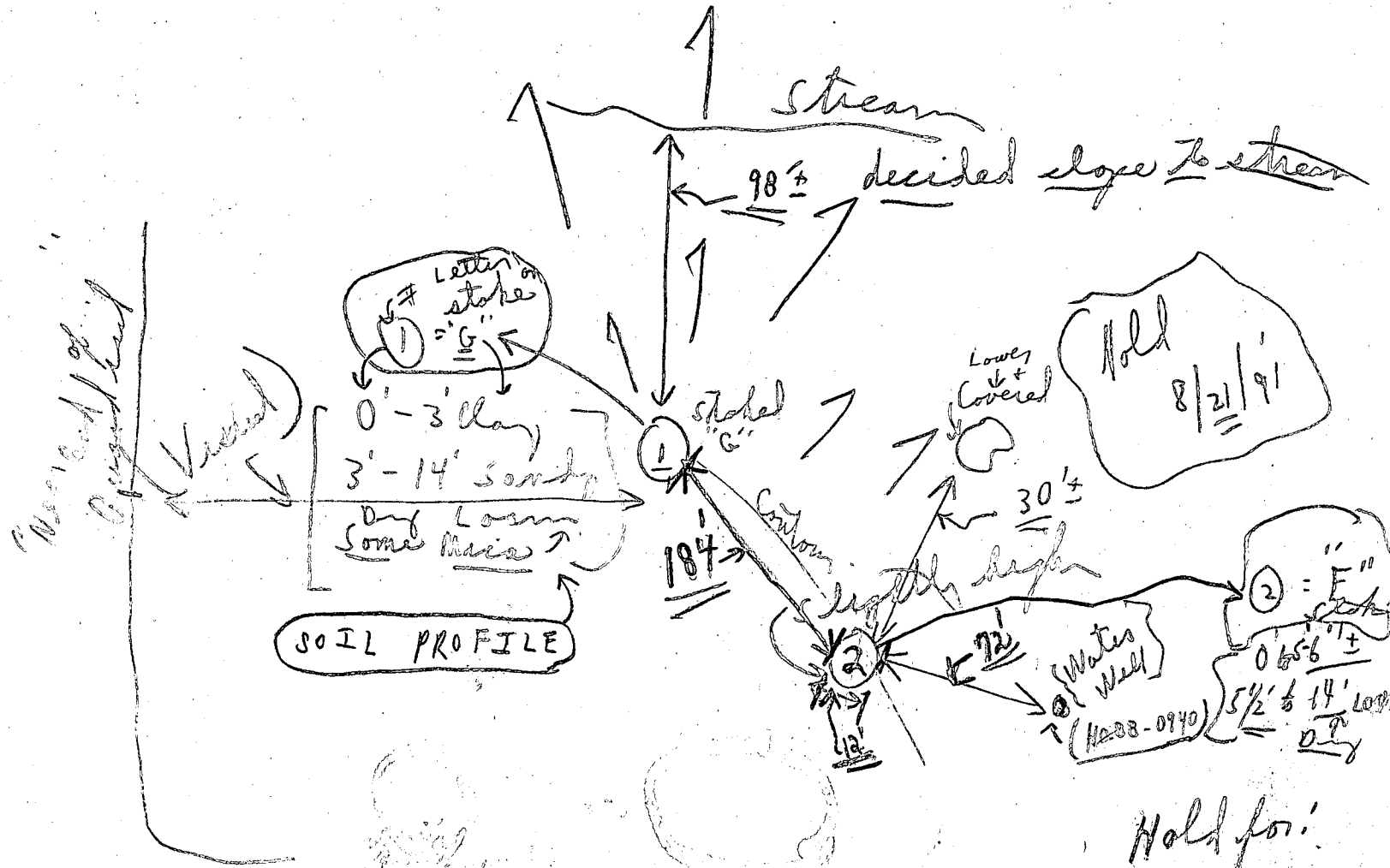
HOUSE

FLOODPLAIN AREA 1.5 AC

2° 13' 42" W @ 131.62'

25° W 815.10'

Access EAS



SOIL PROFILE

8/21/91 2 Holes
 Dry at 14'

HOLD

- Hold for:
- (1) supervisor
 - (2) revised plat
 - (3) ✓ on new distance from stream + well

P.M. Present
 (1) JOHN. MIKALASCO (?)
 + (2) CHRIS at site

B 1 **8526** SEQUENCE NO. (DP USE ONLY)
2 3 4 5 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

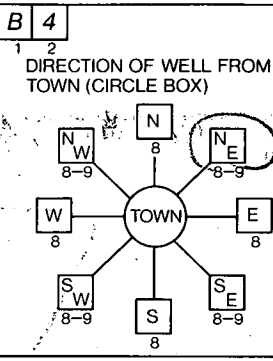
STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER
HO-92-0056
fill in this form completely

Date Received (APA) **09/01/92**
OWNER INFORMATION
JJM Inc
15 Last Name 13 Owner 34 First Name
5570-205 Sterrett PL
36 Street or RFD 55
Columbia MD 21044
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **R-47990**
1 2 **Howard**
8 COUNTY 21
Chapel Woods II
23 SUBDIVISION 42
SECTION **22** LOT **22**
44 46 48 50
Clarksville
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **2** MI
73 76 77 78

DRILLER INFORMATION
Leroy Brown **489**
Driller's Name 77 License No. 80
G. Edgar Harr Sons' Corp.
Firm Name
12047 Falls Road Cockeysville 21030
Address
Leroy Brown **3/30/92**
Signature Date



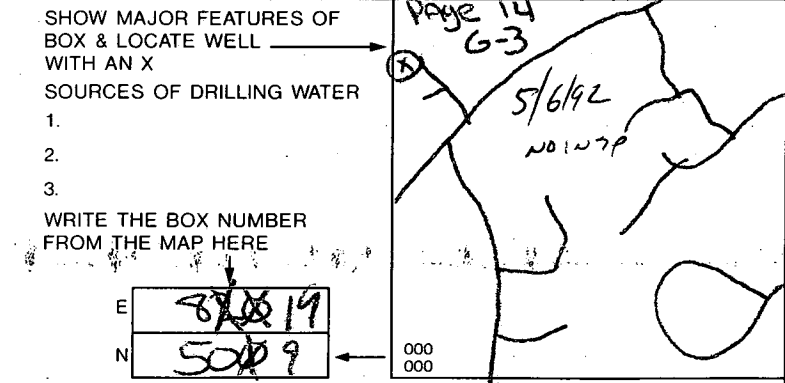
Linden Chapel Rd
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W 30
EAST E
SOUTH S
34 **300** 37
DISTANCE FROM ROAD
ENTER FT or MI **FT**
38 39

B 2 WELL INFORMATION
1 2 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **750**
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 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 **A47768**
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED INSERT S
042892 **Mark E. Kiffin** **10/28/92**
43 48 CO-SIGNATURE EXP. DATE
NORTH GRID: **509000** EAST GRID: **0819000**
50 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET
24 28
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH



METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROtary DRive-POINT
other

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
39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (OEP USE ONLY)
APPROP. PERMIT NUMBER _____ GAP _____
54 63
FORCE **MIL** WRITE INITIALS IN BOX PERMIT No. **HO-92-0056**
67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

25 663-1 6H 3: 1e
RECEIVED

C1 6802

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 A47768

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 2250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-92-0056

OWNER JIM Inc STREET OR RFD Shepards Crossing first name TOWN Clarksville SUBDIVISION CHAPEL WOODS II SECTION LOT 22

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for Overburden, Brown Shale, and Gray Rock.

GROUTING RECORD form including fields for WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form including fields for casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form including diameter and depth fields.

SCREEN RECORD form including screen type or open hole, insert appropriate code below, and depth fields.

DEPTH (nearest ft.) table with columns for depth intervals and corresponding values.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 form.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) form including TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form including fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED form including fields for DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, PLACE, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

- 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. 489 DRILLERS-SIGNATURE Robert Brown SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

