

9/15/92 Early AM 9:30-10

03-314146 PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED FOR F.C.O.P.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

COMPLIANCE

5/9/93 C. Williams

INDEXED

P 48474

A 40592

DISTRICT 6th

DATE 9/2/92

DATE SYSTEM APPROVED 9/15/92

INSPECTOR Bob Pilly

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 558R Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Roscommon Estates LOT 16 ROAD 3213 Rosway Court

PROPERTY OWNER Roscommon Estates, Inc. Paul + Pamela Kirby

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

*210
3 | 270
280*

LINEAR FEET OF TRENCH REQUIRED 280

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

LOCATION - Start first trench 130 feet from the front lot line and 130 feet from the right lot line. Run trenches along contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 8/19/92 R12*

PLANS APPROVED BY C. Williams/Mark Rifkin REVISED _____ DATE 10/17/88
7/06/92

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

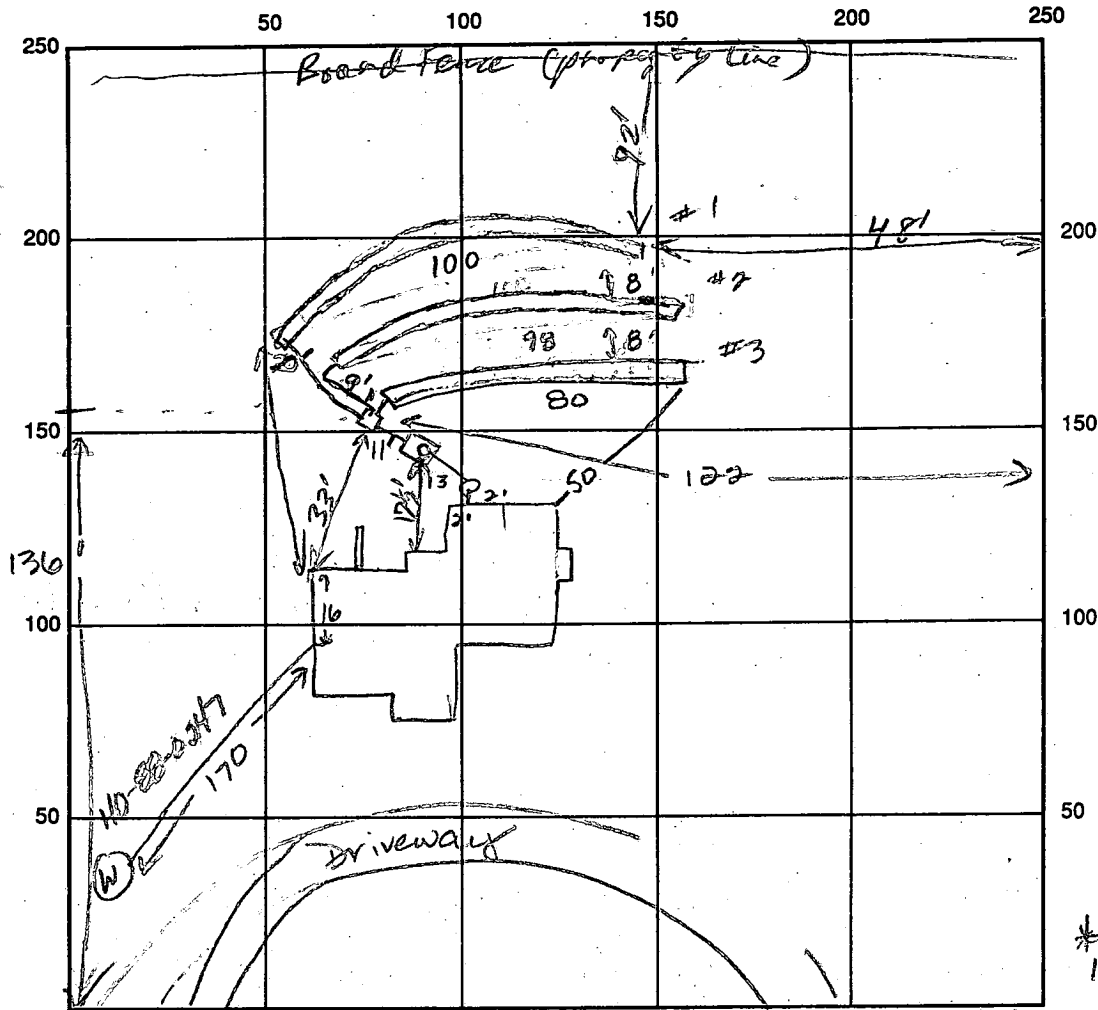
PERMIT VOID AFTER TWO YEARS

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 40592



* 1.5 in./ft. sewer

Approximate Lot line ——— INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Rosway Court Steep slope to tank

SEPTIC TANK LEVEL 1360 CLEANOUTS 1 on 5 Tank
 DISTRIBUTION BOX LEVEL 1360 w/ baffle *(check outlets for uniform elevations)
 DRAIN FIELD TITLE DEPTH 1 2 3 6.0/6.5/6.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 1 2 3 3.0 FT.
 EFFECTIVE GRAVEL DEPTH 1 2 3 3.5 FT. TOTAL LENGTH 1 2 3 100/98/80 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 1 2 3 290 SQ. FT.
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 9-11-92 OK to stone trenches. Add pipe & paper to each. JEN
9-11-92 OK to cover trench #3. JEN 3rd trench OK to cover
still need to level outlets in Dist. box (one is 34" above other two - Deal a flow
is lost and will not function as intended) - call for reinspection 9/14/92
OK Cover 9/15/92

DATE SYSTEM APPROVED 9/15/92 INSPECTOR Paul P. [Signature]

APPLICATION

PERCOLATION TESTING

A 40592

P _____

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

DISTRICT 6th

DATE 11-3-87

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER Barbara Karnadis S.F. CONTRACTOR Roscommon Estates, Inc
ADDRESS Christopher Rd, Cecilton, MD 21913 PHONE 740-2100
275-2233

PROSPECTIVE BUYER Clayton Kemp
ADDRESS 8307 main St, Ellicott City PHONE 465-4920

PROPERTY LOCATION:

SUBDIVISION Roscommon EST. LOT NO. 16

ROAD AND DESCRIPTION 3100 Pfeffercorn Rd.
3213 Rosway Ct.

TAX MAP 15 PARCEL # 170+127

SIZE OF LOT 3.0+ 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. Christine A. Richards

(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Deep trenches DATE 6-7-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS SOILS OK, PLST 160'D CW DATE 1/26/88

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 7/24/92
Serial # 44431-SFD
4 Bedrooms

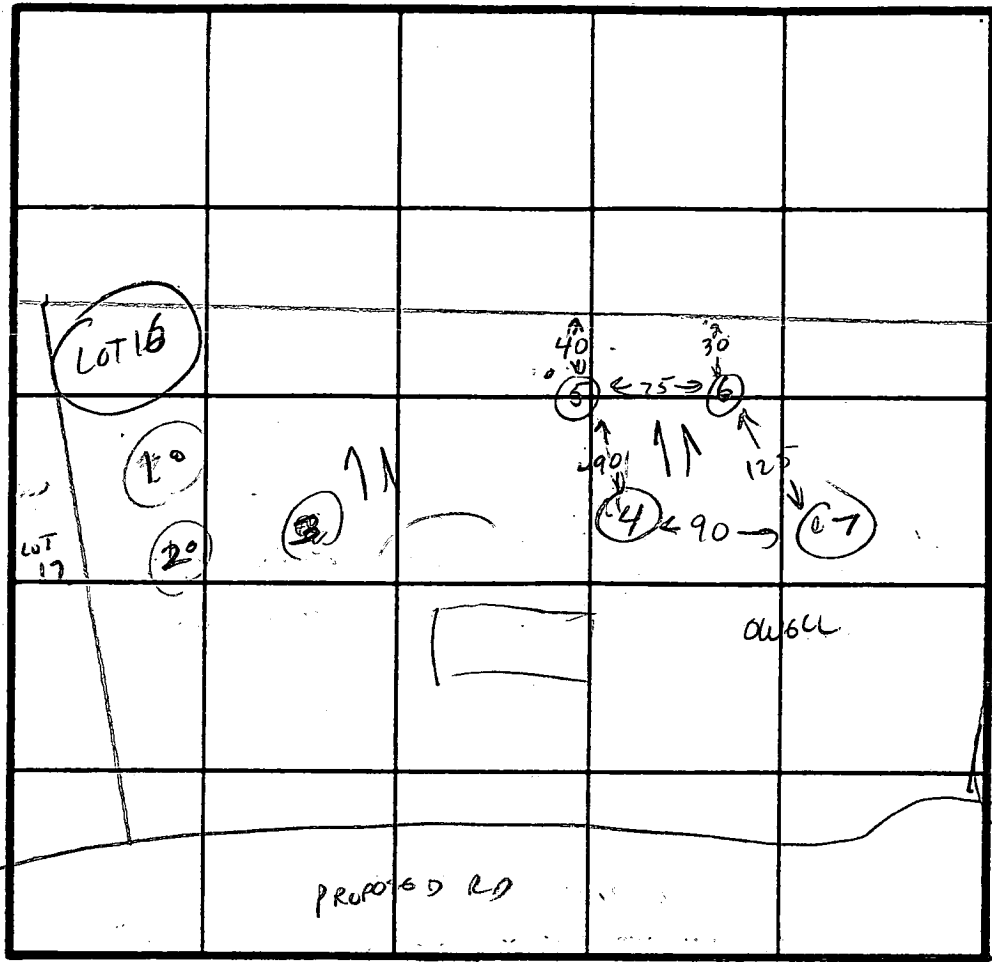
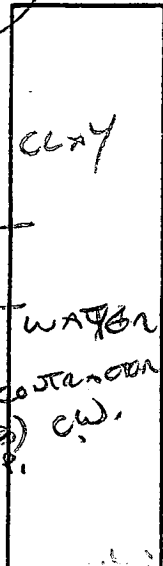
BLDG. PERMIT SIGNED
AND RETURNED 6-7-89
BP26758 8A

HD-216

THIS IS NOT A PERMIT

A 40592
LOT 16

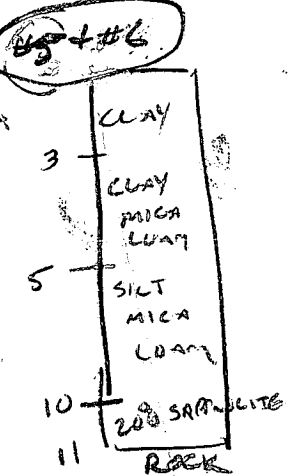
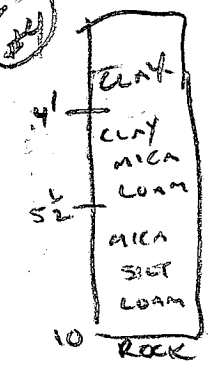
#123
10 SOIL PROFILE



PROPOSED LOT 15

200' A
INLET 3
BOTTOM 6

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



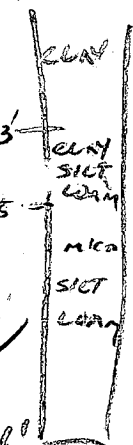
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/26/88	1	WATER 7'	CLAY ABOVE				X
1/26/88	2	WATER 7'	CLAY ABOVE				X
1/26/88	3	WATER 9'					X
1/26/88	4	4-9'		VLS OK	4-10'		✓
1/26/88	5	4-7'	ROCK	10-10 1/2'			✓
1/26/88	6	4-7'		VLS OK			✓
1/26/88	7	4-7'		VLS OK			✓
1/26/88	8	3-8'	12:35	12:39	12:39	12:43	4 MIN ✓
1/26/88	9	3-8'	12:35	12:41	12:41	12:48	7 MIN ✓
	11			VLS OK			✓

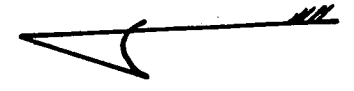
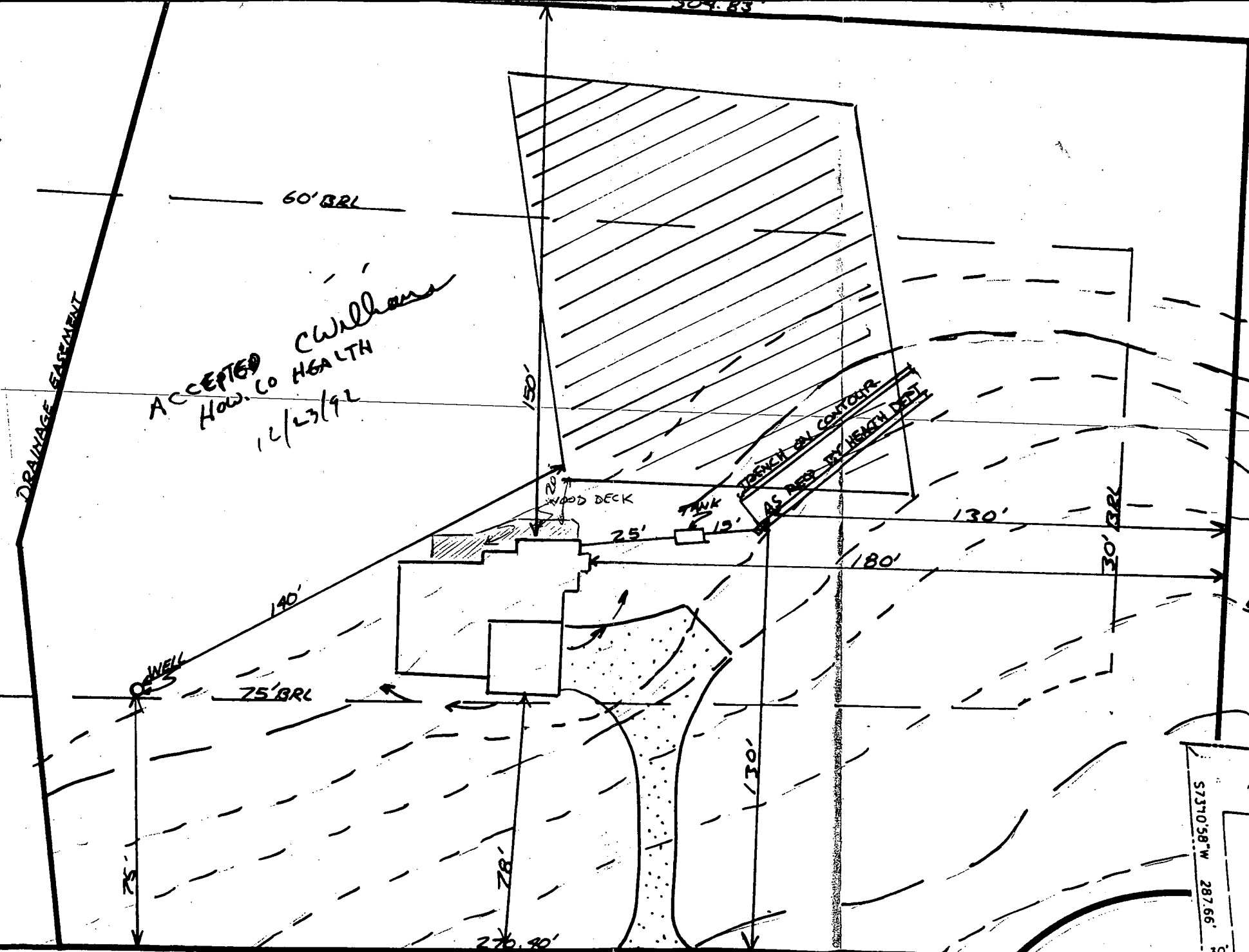
REMARKS TEST PLAT AREA NO GOOD CLAY, WATER ROCK 10-11', BOTTOM OF TROUGH NO DEEPER THAN 6'

TYPE OF SOIL MICA SILT LOAM

TESTED BY C. Williams ALSO PRESENT REICH, M.

#7





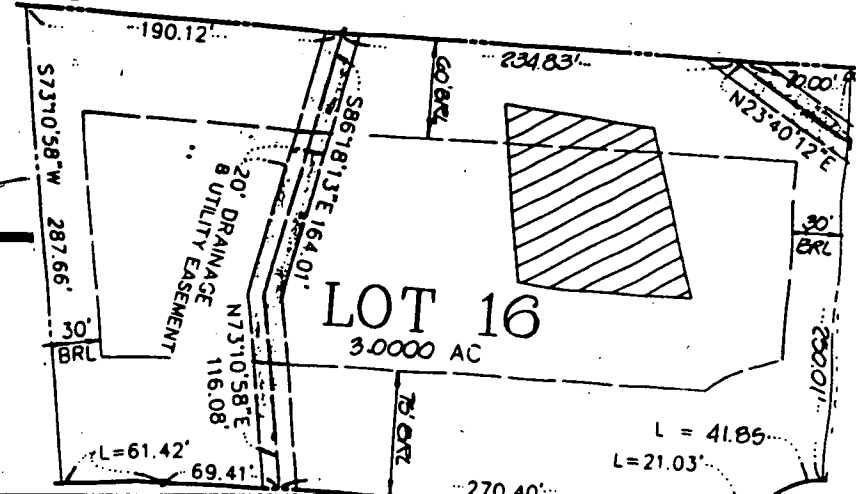
3213 ROSWAY CT
44931

ELEVATIONS:

Well	578.00'
House	
F.F.	584.00'
Base.	576.00'
Inv. Out	580.10'
Tank	
Fin. Gr.	581.00'
Ex. Gr.	581.00'
Inv. In.	579.80'
Inv. Out	579.40'
Drain Field	
Ex. Gr.	582.00'
Inv. In	579.00'

ROSWAY COURT

1" = 30'



County Health Officer

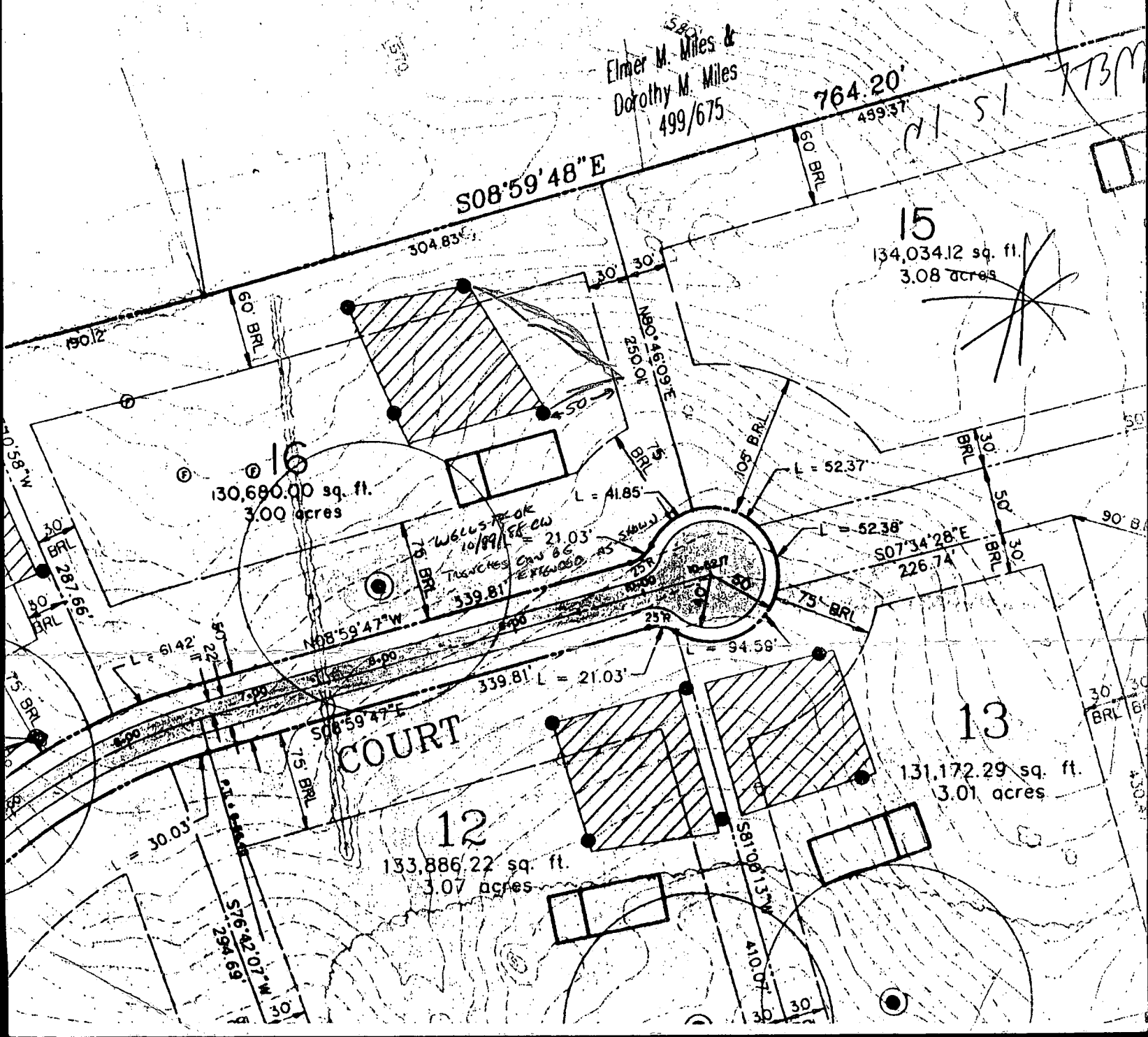
DEVELOPER/CONT

H & F Prop
c/o Howard County
8307 M
Ellicott Ci
(301) 4

OW

Cynthia and Timothy Hind
4507 Roboson Road
Randallstown, Maryland 2
(301) 922-2550

1. Existing zoning: R
2. Zoning of all adjacent parcels: R
3. Gross area of tract: 73.87 acres
4. Proposed number of lots: 22
5. Area of proposed lots: 69.69 acres
6. Area of proposed roads (50' R/W): 4.18 acres.
7. Deed reference: Tax Map 22, Parcel 170 - 999/49, 999/58
Tax Map 15, Parcel 177 - 717/437
8. Public water and sewer systems not existing. Proposed water and sewer systems to be private well and septic.
9. Boundary data shown on this plat is referred to the system of coordinates established in the Maryland State Plane Coordinate System and are based on the coordinates and bearings of the following traverse stations:
No. 3234002 N 525239.926
E 803865.265
No. 3234004 N 524524.409
E 802154.070
10. All work to be performed shall be within the property boundary delineated on this sheet. (Limit of submission).
11. Driveways/roadways which will service two (2) or more lots must meet the following requirements for FIRE AND EMERGENCY SERVICE VEHICLES ACCESS:
 - a. Width - twelve (12) feet
 - b. Construction - six (6) inches of compacted "crusher run" base with a "tar and chip" coating.
 - c. Turning radius - forty (40) feet
 - d. Bridges and Culverts - designed to support vehicles with a gross vehicle weight of twenty-five (25) tons
 - e. Overhead Clearance - twelve (12) feet
 - f. HOUSE NUMBERS - Identification signs are to be placed at the driveway entrance and the main road. Where one (1) driveway serves more than one (1) lot (common driveways), a house number sign must be placed at each lot entrance.
 - g. Maintenance - Driveways must be maintained for all weather use.
 - h. These are recommendations only for driveways serving one (1) lot. However, flag lot driveways must have a house number sign placed where driveway meets the main road.
12. Vehicular access to Lots 1 and 22 will be derived exclusively from Roscommon Drive.
13. Lot 15
 - a. minimum finished floor equals 594.50'
 - b. septic system must be installed prior to issuance of building permit.
 - c. Prior to approval of the final plans, a detail must be submitted showing the well location higher than the septic field.
 - d. Prior to the approval of the final plan, the well is to be drilled.
 - e. Prior to the approval of the final plan, a grading plan must be prepared showing the relationship between the first floor elevation noted on the plan and the septic field. Positive drainage must be provided away from the house foundation and septic area.



B 1 7899 SEQUENCE NO. (DP-USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

STATE PERMIT NUMBER

H0-88-0247
fill in this form completely

Date Received (APA) 100588
OWNER INFORMATION
S E F E R C O N T R A C T I O N S I N C
P B B B R H W T L V L C U R K A
C K W O O D
Town State Zip

DRILLER INFORMATION
Joseph L. Mithune
Driller's Name License No. 235
Joseph L. Mithune Well Drilling Inc
Firm Name
5512 KILC RD. Mt. Airy 21771
Address
Joseph L. Mithune 10/4/88
Signature Date

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)

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

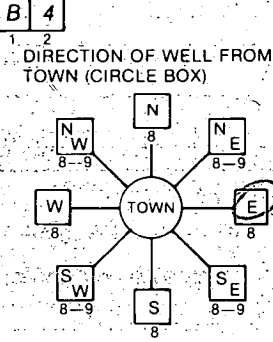
METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

Not to be filled in by driller. (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE CW WRITE INITIALS IN BOX PERMIT No. H0-88-0247

SPECIAL CONDITIONS

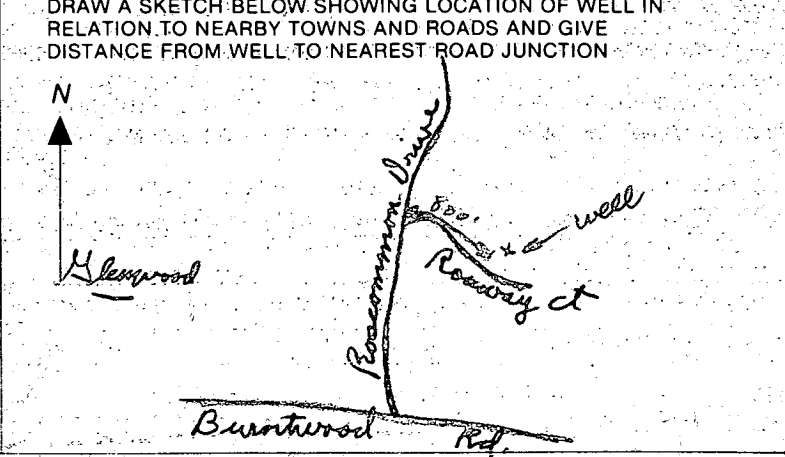
LOCATION OF WELL
TOWARD
8 COUNTY
ROSSCOMMON FSV/NEP
23 SUBDIVISION
SECTION LOT 18
CKWOOD
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 2 MI



B 4
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
Rosary Court
NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH
WEST EAST
SOUTH
30
DISTANCE FROM ROAD
ENTER FT or MI FT

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD A 40592
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED INSERT S
101788 x C. Mithune 4/17/89
CO SIGNATURE EXP. DATE
NORTH GRID 527000 EAST GRID 0801000

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 800 1
N 520 7
000
000



11/7/88

- ① 63 FT count
- ② 35 FT open hole
- ③ Location OK per plans
- ④ 20 bags so far Had to leave for a per test

BH

C1 0563

SEQUENCE NO. (DENV USE ONLY)

(THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 40592

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

110988

185

H0-88-0247

OWNER S.F. CONTRACTORS INC. STREET OR RFD ROSWAY COURT TOWN GLENWOOD SUBDIVISION ROSS COMMON EST SECTION LOT 16

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and Check if water bearing. Includes handwritten entries: SANDstone, Gray Mica Rock, 0-55, 55-185.

GROUTING RECORD. WELL HAS BEEN GROUTED (Y). TYPE OF GROUTING MATERIAL: CEMENT CM, BENTONITE CLAY BC. NO. OF BAGS 35, NO. OF POUNDS 3290. GALLONS OF WATER 210. DEPTH OF GROUT SEAL 35 ft.

CASING RECORD. MAIN CASING TYPE ST (STEEL). Nominal diameter 6 inches, Total depth 63 feet.

OTHER CASING (if used) section with empty fields for diameter and depth.

SCREEN RECORD. screen type or open hole HO (OPEN HOLE). SLOT SIZE 1, 2, 3.

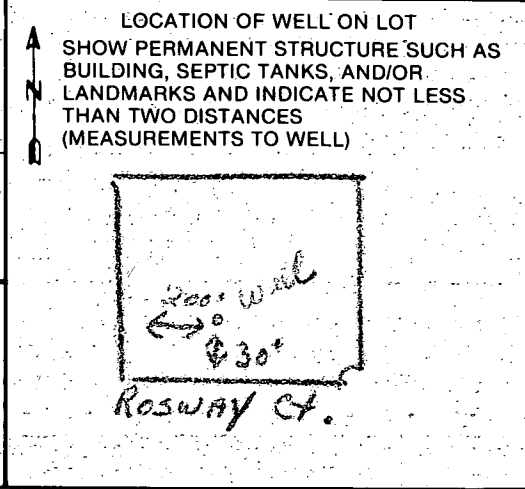
DEPTH (nearest ft.) grid. Handwritten: H0 61 185. DIAMETER OF SCREEN 6 inches.

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

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

PUMPING TEST. HOURS PUMPED 3. PUMPING RATE 12 gal. per min. METHOD USED TO MEASURE PUMPING RATE Rucket. WATER LEVEL 20 ft. BEFORE PUMPING, 40 ft. WHEN PUMPING. TYPE OF PUMP USED S (submersible).

PUMP INSTALLED. DRILLER WILL INSTALL PUMP YES (NO). TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: S. CAPACITY: GALLONS PER MINUTE, PUMP HORSE-POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



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

COUNTY

9-11-92
pm.

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 # 48487
Date 9-9-92
Name of Installer WILLOUGHBY PLUMBING Telephone 781-7051
License Number 6992
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner FRED ~~IMBRY~~ DICKSON Telephone _____
Subdivision ROSCOMMON ESTATES Lot # 16 Well Tag # HD-88-0247
Site Address 3213 ROSWAY CT.

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make SACUTZT
3. Model # _____
4. Capacity 7 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 TAPE

Motor
1. Horsepower 1/2 HP
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make HARVARD
2. Model # _____
3. Depth 4 FT.

Tank
1. Capacity 40 gal.
2. Pressure relief valve? YES

Piping
1. Type POLYBUTYLENE
2. Size 1"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 4 FT

Well data
1. Depth 185 ft.
2. Yield 12 GPM
3. Static water level 50 ft.
4. Will water supply be disinfected by installer? NO

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: Chris J. Willoughby
Date: 9/9/92

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

9-11-92 HD-215 Pitless adaptor at 58 inches below grade. Well line at 4 1/2 in below grade. House connection ok. Ground line in place, not connected. No pump tank installed yet. JENadeau