

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT

P 46275
A 42212

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 8/21/90

INDEXED

DATE SYSTEM APPROVED 8-28-90

INSPECTOR JEN

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ALTER

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

SUBDIVISION Bewley Property ROAD 15349 Union Chapel Rd LOT Tenant House

PROPERTY OWNER James S. Bewley

ADDRESS _____

~~NO GARAGE GRINDER IS TO BE USED TO INCREASE SEPTIC TANK CAPACITY BY HOW AND ABSORPTION ARE NOT TO EXCEED~~

TALKED TO
D. FOGLE
4 BED ROOMS
INSTEAD OF 3

~~GARBAGE GRINDER IS TO BE USED TO INCREASE SEPTIC TANK CAPACITY BY HOW AND ABSORPTION ARE NOT TO EXCEED~~

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

180g
317.50
240 ft trench

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 4 feet below original grade. Effective area begins at 2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 200 feet from the front right corner (intersect of the 548.10' flagstem line and 258.32' line) and 165 feet from the left side line as seen when facing the lot from Union Chapel Road. Run trenches on contour toward the right rear corner. **NOTE: First trench not to exceed 80 feet.**

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-13-90 JEN

PLANS APPROVED BY Sid Abel / 8-13-90 JEN revised DATE 8/23/90 8/22/89

RH REVISION

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

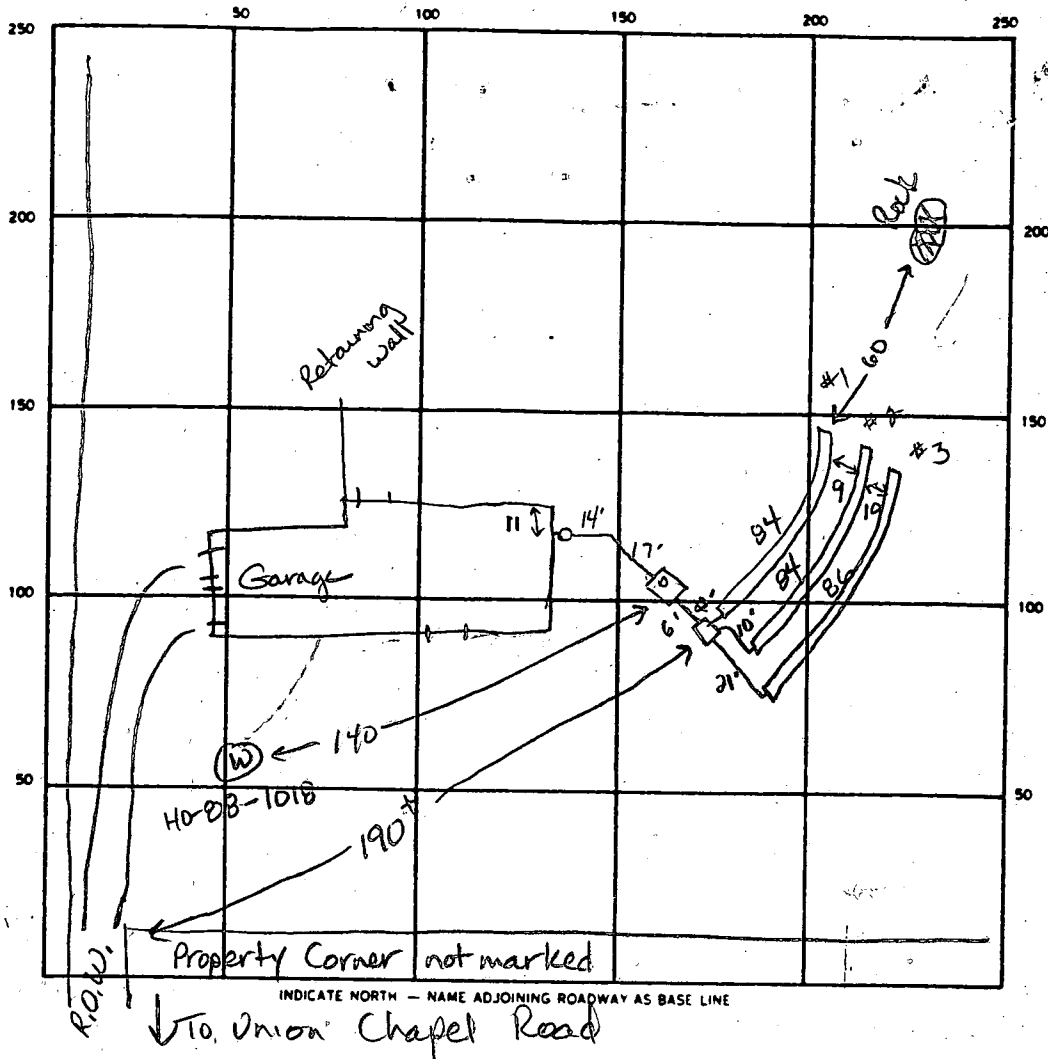
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

Handwritten signature/initials on the right margin.



SEPTIC TANK LEVEL 1250 gal

CLEANOUTS 1 at house, 1 on septic tank

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD TILE FIELD. DEPTH 4.0 FT. TRENCH WIDTH 3 FT. INLET DEPTH ^{① ② ③} 1.5 2 2 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH ^{① ② ③} 84 84 86 FT. 240
16

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA ^{① ② ③} 252 252 252 SQ. FT.

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

ABSORBENT AREA 762 SQ. FT.

REMARKS 8-28-90 ok to cover all work. JEN

DATE SYSTEM APPROVED 8-28-90

INSPECTOR Jane E. Nadeau

APPLICATION

PERCOLATION TESTING

A 42212
P _____

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

DISTRICT _____

DATE JULY 29, 1988

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 JOHN D. BEWLEY James S. Bewley - 762-4768

ADDRESS 15359 UNION CHAPEL ROAD PHONE 489-4916

PROSPECTIVE BUYER JAMES S. BEWLEY

ADDRESS 8401 HAWKINS CREAMERY ROAD PHONE 253-0034
Gaithersburg, Md. 20879

PROPERTY LOCATION: (1) FEODANT HOUSE
SUBDIVISION _____ LOT NO. NEW LOT (SFD)

ROAD AND DESCRIPTION 15349 UNION CHAPEL ROAD - 1 1/2 miles from Rt. 97

TAX MAP 14 PARCEL # Q 20 P/O + P.66

SIZE OF LOT 4 ACRES TYPE BLDG. Single Family Dwelling
(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. James S. Bewley
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-24-88 For perc hole locations and plot approval.

BLDG. PERMIT SIGNED
AND RETURNED 10/4/88
Serial # 29967 - SFD
3 Bedrooms

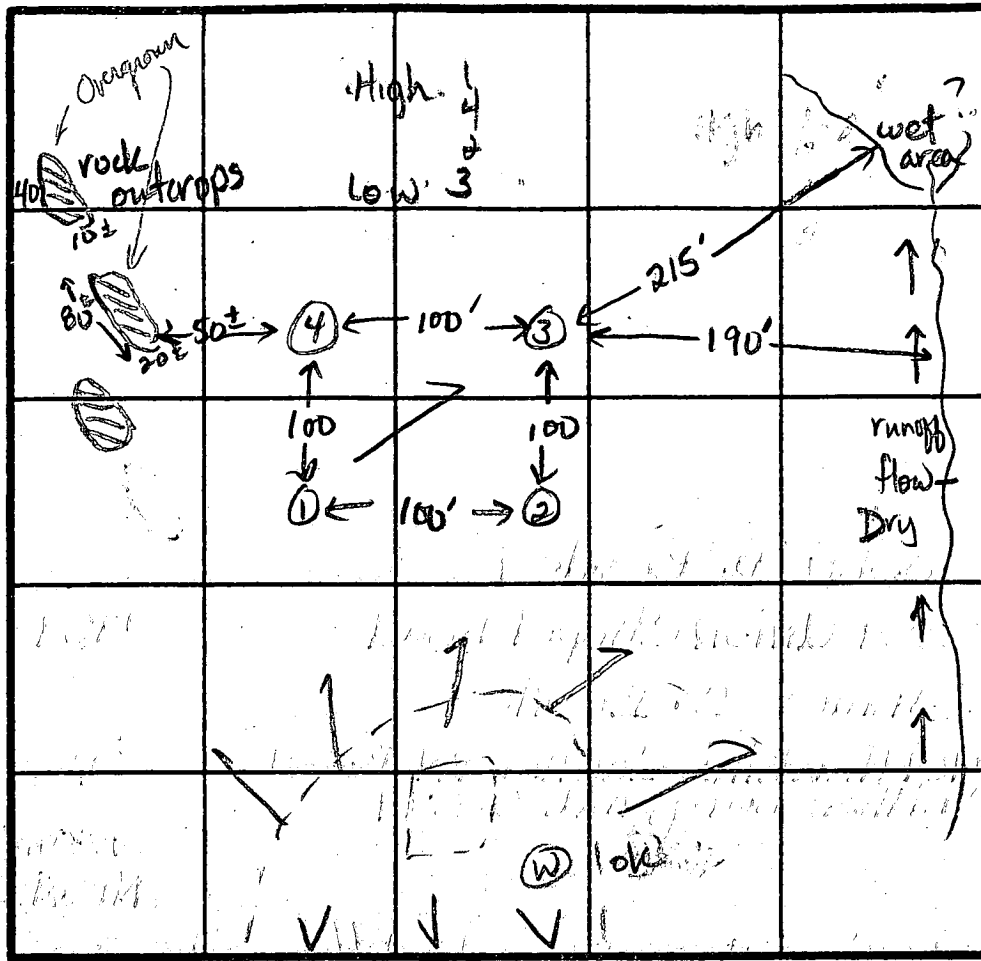
HD-216

THIS IS NOT A PERMIT

A 42212

① SOIL PROFILE

0-1.5 Br si cl
lm
1.5-3.0 Br sa cl
lm
3.0-13.0 Br sa si
lm
13.0 Bottom



②
0-3.0 Br si cl
lm
3.0-5.5 Br sa
si lm
5.5-13.0 Br sa
si lm,
trc of
decomp.
rock
< 10%
13.0 Bottom

④

0-1.5 Br si cl
lm
1.5-3.5 Br sa
si lm
3.5-13.0 Br sa
si lm,
trc of
broken
rock
< 15%
13.0 Bottom

③

0-2.0 Br si cl
lm
2.0-13.5 Br tan
sa si lm,
trc of
decomp.
rock
< 10%
13.5 Bottom
wet

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Union Chapel

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-24-88	1	3.5 S	11:48	11:51	11:51	11:55	4min
		8.5 M	11:47	11:50	11:50	11:55	5min
		13.0 D	Bottom (see profile)				ok
	4	1.5 S	11:58	12:02	12:02	12:09	7min
		13.0 D	Bottom (see profile)				ok
	3	3.5 S	12:04	12:06	12:06	12:11	5min
		8.5 M	12:11	12:18	12:18	12:31	13min
			13.5 D	Bottom (see profile - wet)			ok
	2	3.5 S	12:14	12:16	12:16	12:20	4min
		13.0 D	Bottom (see profile)				ok

X = 6 min
Inlet = 2.0'
Bottom = 4.0'
180 sq ft /
bedroom

REMARKS: SHALLOW SYSTEM. All holes as shown on plat. Rock outcrops 50 ft uphill from #4.
TYPE OF SOIL: 0-2' Br si cl lm, 2'-4" Br sa si lm, 4'-13' Br sa si lm, < 10% decomp rx
TESTED BY: Jane Nademan ALSO PRESENT: James Pawley, Bud Arnold

15349 Union Chapel Rd.
Washington, MD 21797

1"=50'

OMNI HOME BUILDERS
9200 Old Annapolis Road
Equitable Bank Building, Suite 120
Columbia, Maryland 21045
Phone (301) 595-0493

Ask for Alan Conroy

UNION CHAPEL ROAD

N 38° 08' 50" E

546.10'

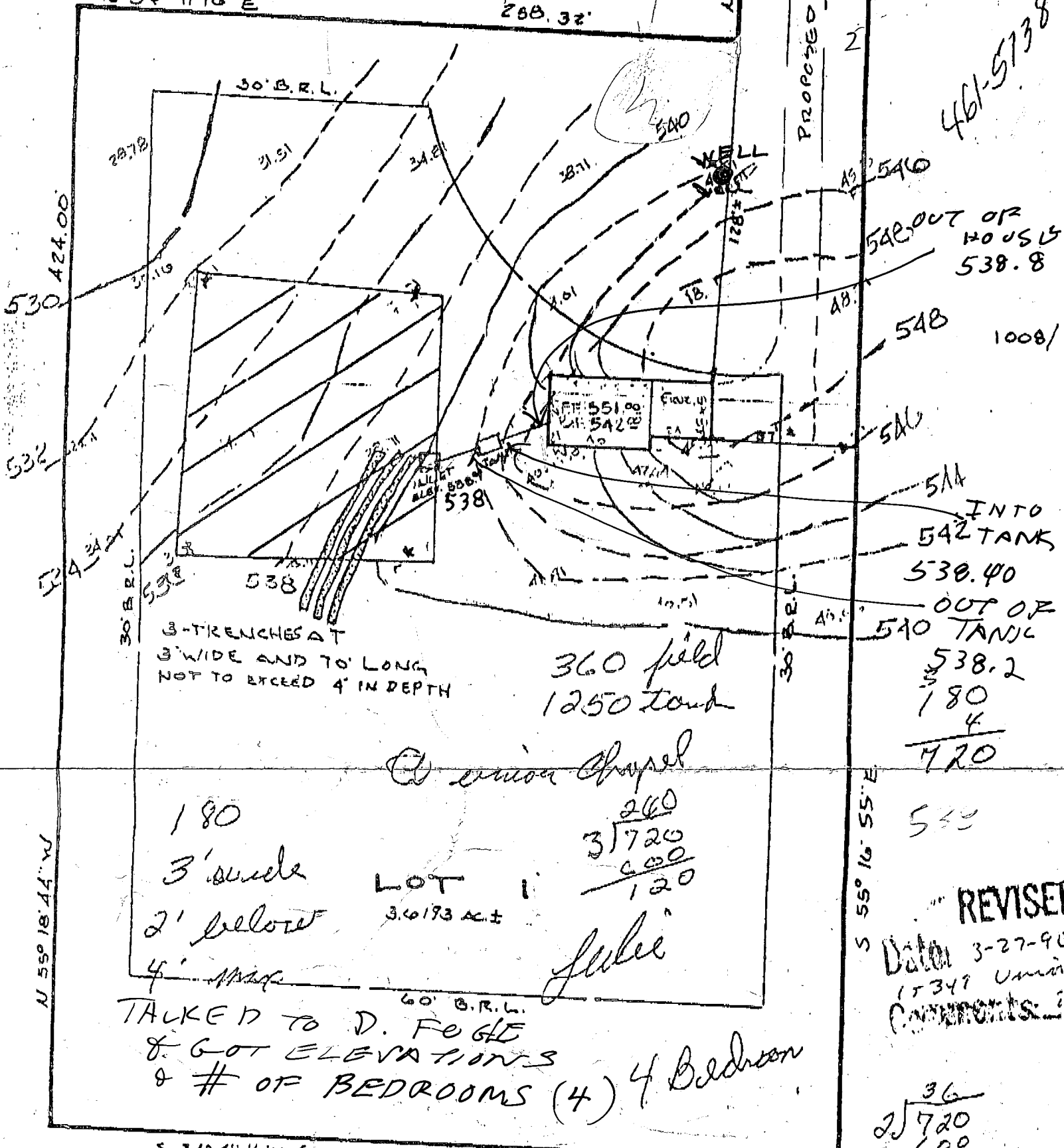
PROPOSED DRIVE

S 15349 union chapel

N 34° 41' 16" E

288.32'

N 55° 16' 44" W



8/23/98
No well
Pipe Elevation
949.28' Illegible
on omitted

461-5738

548 OUT OF HOUSES
538.8

548 1008/

548 INTO 542 TANK
538.40
OUT OF 540 TANK
538.2
180
4
720

530

REVISIT

Date 3-27-98
15349 Union Chapel Rd
Comments:

36
25720
100

3-TRENCHES AT
3' WIDE AND 70' LONG
NOT TO EXCEED 4' IN DEPTH

360 field
1250 tank

Union Chapel

180
3' wide
2' below
4' max

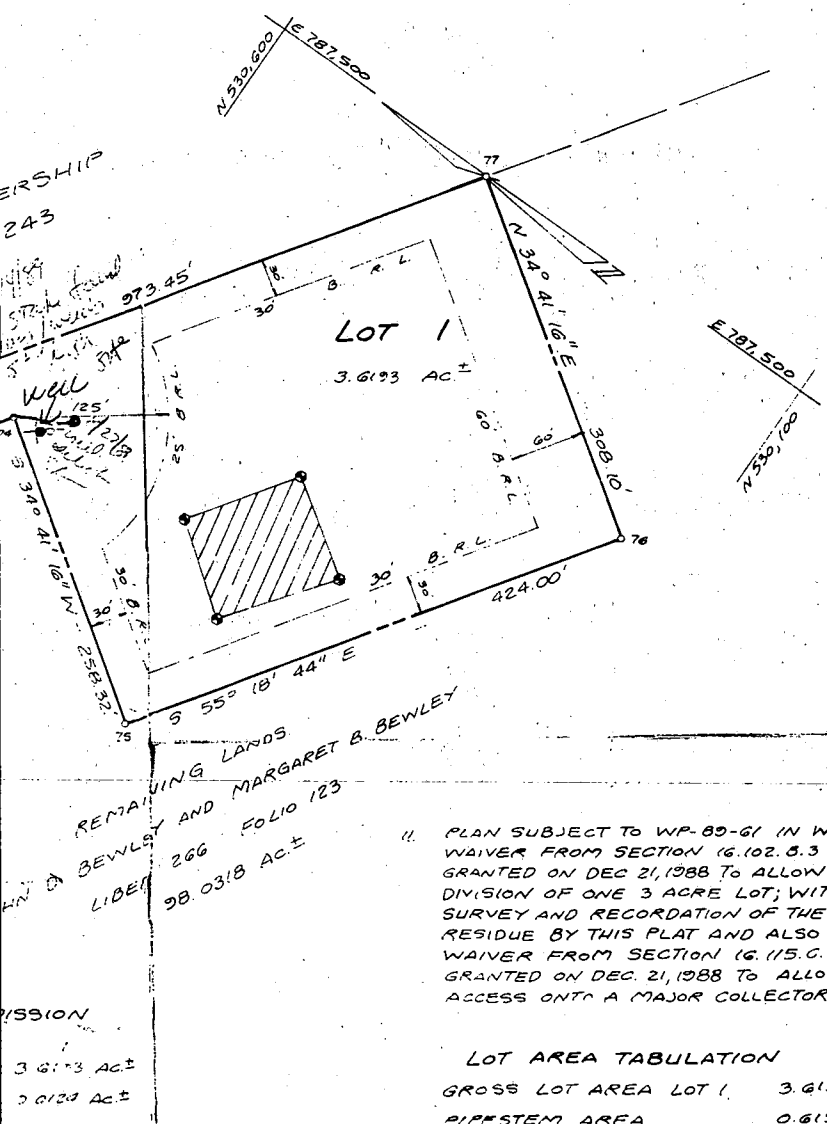
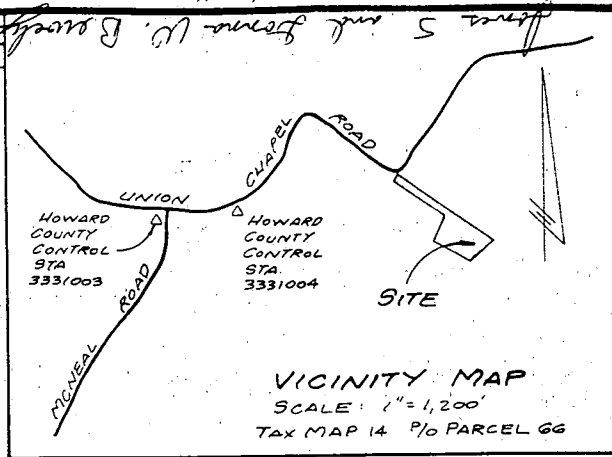
LOT 1
3.6193 ±

Julie

TALKED TO D. FOGLE
& GOT ELEVATIONS
& # OF BEDROOMS (4) 4 Bedroom

S 34° 41' 16" W

STA.	STA.	RADIUS	ARC.	Δ	TAN.	CHD.	CHD BRG.
86	87	117.00	45.80	22° 25' 35"	23.19'	45.52'	N 65° 13' 20" E



- NOTES:**
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE REGULATIONS.
 2. COORDINATES ARE BASED ON MARYLAND STATE PLANE AS PROJECTED BY HOWARD COUNTY GEODETIC CONTR'L STA. N# 3331003 AND N# 3331004.
 3. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 4. B.R.L. - REPRESENTS BUILDING RESTRICTION LINES
 5. [] CONC. MON. SET (UNLESS OTHERWISE NOTED)
 6. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED AND SHOWN - (S)
 7. ● INDICATES PROPOSED WELL
 8. SUBJECT PROPERTY ZONED R PER 8-2-85 COMPREHENSIVE ZONING PLAN.
 9. FLAG OR PIPE STEM SHALL NOT BE FURTHER SUBDIVIDED INTO LOTS ACCOMMODATING ADDITIONAL RESIDENCES UNLESS A PUBLIC ROAD CAN BE CONSTRUCTED ACCORDING TO COUNTY STANDARDS ON A MINIMUM FIFTY (50) FOOT RIGHT-OF-WAY TO BE DEEDED TO THE COUNTY.
 10. FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM LOT DRIVEWAY.

11. PLAN SUBJECT TO WP-89-61 IN WHICH A WAIVER FROM SECTION 16.102.8.3 WAS GRANTED ON DEC 21, 1988 TO ALLOW SUB-DIVISION OF ONE 3 ACRE LOT; WITHOUT SURVEY AND RECORDATION OF THE FARM RESIDUE BY THIS PLAT AND ALSO A WAIVER FROM SECTION 16.115.C.4 WAS GRANTED ON DEC. 21, 1988 TO ALLOW ACCESS ONTO A MAJOR COLLECTOR ROAD.

LOT AREA TABULATION

GROSS LOT AREA LOT 1	3.6193 AC±
PIPESTEM AREA	0.6193 AC±

C1 **1132** SEQUENCE NO. (DENV USE ONLY)

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 **A-42212**

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

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
09 27 89

Depth of Well
205
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-88-1018

OWNER **POWELL TOWN**
 last name first name
 STREET OR RFD **Union Chapel Rd.** TOWN **CLEARMONT**
 SUBDIVISION **Rowley Property** SECTION **-** LOT **1**

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	
Sandy Sandstone	2	15	
MICKA	15	25	✓
MICKA	25	39	
Sandstone	39	40	✓
MICKA	40	95	
Flint Rock	95	100	✓
MICKA	100	205	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **4** NO. OF POUNDS **100**

GALLONS OF WATER **117**

DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **27** ft.

CASING RECORD

ST **CO**
 STEEL CONCRETE
PL OT
 PLASTIC OTHER

MAIN CASING TYPE **PL** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **30**

OTHER CASING (if used)
 diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole **HO**
 STEEL BRASS OPEN HOLE
PL OT
 PLASTIC OTHER

C2

DEPTH (nearest ft.)

HO	27	205
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SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

C3

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 **29**
 WHEN PUMPING **28**

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) **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 **2** (nearest foot)
- 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. **223**

DRILLERS SIGNATURE **R. H. Manno**

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

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

