

12/10/96
12 PM
12/6/96
11:38
12/9/96
2:00

1ax ID 05-352584

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57084

A 43923

DISTRICT 5th

DATE 8/26/96

DATE SYSTEM APPROVED 12/10/96

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~

313-2640

INDEXED

Burgemeister-Bell, Inc.

IS PERMITTED TO INSTALL X ALTER

ADDRESS 10331 S. Dolfield Road, Owings, Md. 21117

PHONE 363-0880

SUBDIVISION Highland Oaks LOT 2 ROAD 6845 Santa Maria Avenue

PROPERTY OWNER Martin Fagan

ADDRESS

SEPTIC TANK CAPACITY 1000 GALLONS TOP SEAMED TANK

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - 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 - Beginning from the intersection of the 160.00' and 617.92' lot lines, place distribution box 115 feet down the 617.92' lot line and 90 feet off that same lot line. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/18/96 OK ALM

PLANS APPROVED BY Amy McMillen

DATE 6/18/96

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

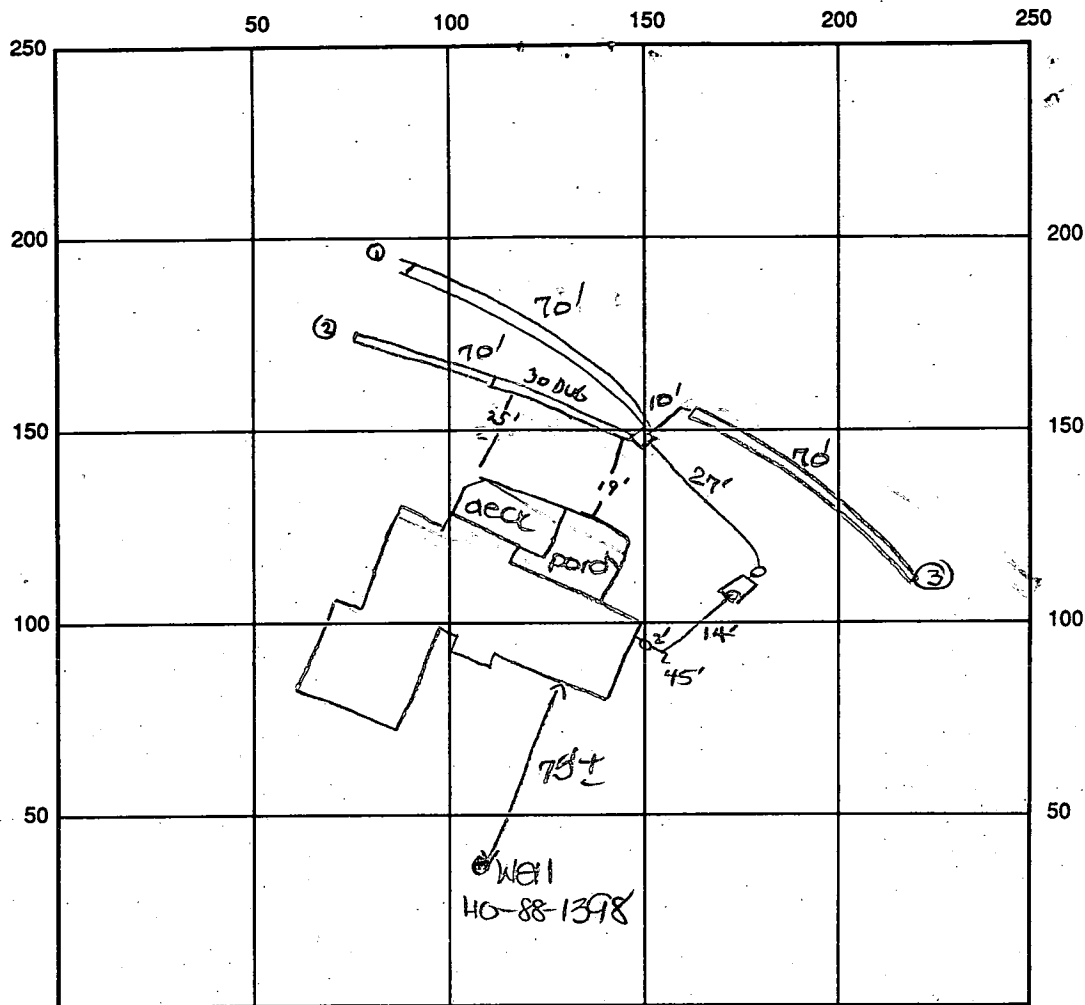
PERMIT VOID AFTER TWO YEARS

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
43923



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Santa Maria Ave.

SEPTIC TANK LEVEL OK-1000 gal. top sear CLEANOUTS one at house, one on sit.
one in line

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 4 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 112/3 FT. → 210

NUMBER OF TRENCHES 3

ONE SIDEWALL BOTTOM AREA 630 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 12/6/96 OK TO CONTINUE WORK. DKS 12/9/96 OK TO

COVER TRENCH 1, LEAVE END OPEN FOR TRENCH 2, NEED TO SEE
TRENCH 3 AND DIST BOX FOR FINAL.

12/10/96 FINAL INSP - OK TO COVER all work. DKS

DATE SYSTEM APPROVED

12/10/96

INSPECTOR

Sandra K [signature]

APPLICATION

PERCOLATION TESTING

A 43923

P _____

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

DISTRICT 5

DATE 3-16-89

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 Highland Dendron Corp Marilyn Fagan

ADDRESS PO Box 208 CLARKSVILLE PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HIGHLAND OAKS LOT NO. Prelim 3 Final 2

ROAD AND DESCRIPTION 6845 Santa Maria Avenue

BLDG. PERMIT SIGNED

AND RETURNED 6-18-96

Serial # 1300100308

TAX MAP 40 PARCEL # 36

SIZE OF LOT 3A TYPE BLDG SFD
(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. Richard Hemmuth
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

HD-216

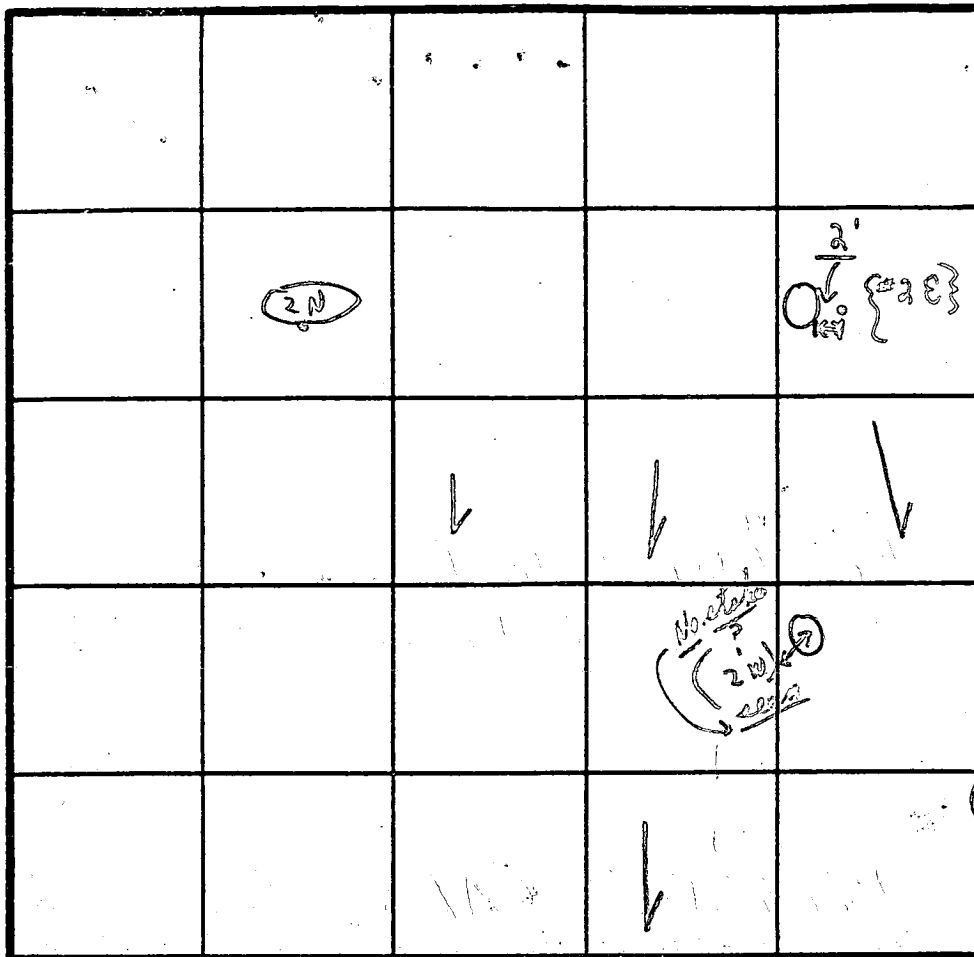
THIS IS NOT A PERMIT

A 43923

#2

SOIL PROFILE

CLAY

MOSTLY
LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SHALLOW

 $\bar{x} = 16 \text{ min}$

Inlet = 2.5 ft

Bottom = 4.0 ft

240 sq ft/bdrm

11' Loam
No stone

OK 11' Loam
No stone

(16 minutes
average)
Inlet 3'
 $\bar{x} = 16 \text{ min}$

*TEST HOLES
USED

1N-1W

2E-2N

1-2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/88	2E	3'	TO:	1:	1:	1:	
4-2N	2E	10'-3'	LOAM - Visual -			35% LOAM	Sandstone
	2S	2 1/2'	1:14	1:18	1:18	1:34	16 min
	2S	9 1/2'	LOAM		NO STONE		Solid in bottom
No stone seen	2W	4'	1:09	1:10	1:10	1:12	1 1/2 min
	2W	12'	LOAM		40% ± Sandstone		Solid 3 to 8
	2N	3'	1:02	1:06	1:06	1:08	2 min
	2N	6'	1:03	1:05	1:05	1:07	2 min
		13' ←	[LOAM to 7		Sandy loam		no stone

REMARKS

Tests in woods.

TYPE OF SOIL

" per stake"

TESTED BY

C. B. S.

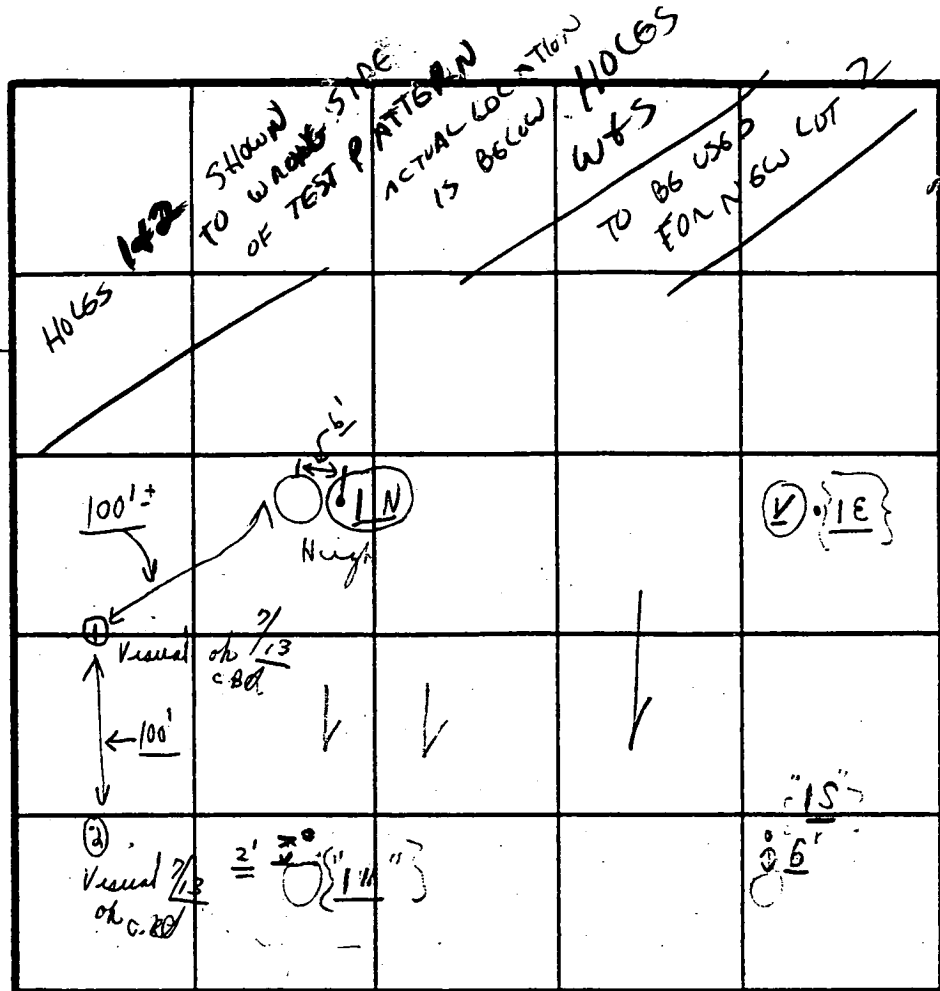
ALSO PRESENT

{ See #7 }

84392.2

#1

SOIL PROFILE



$\bar{x} = 3 \text{ min}$
Inlet = 3.0 ft
Bottom = 7.0 ft
180 sq ft / bdrm

Inlet 3
(3 minute average)

1-5 Clay

{ Shallow system for years }

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/89	1E	Visual		5	1/4; 12	LOAM	
3rd	1E	12 1/2'	LOAM	59%	or less	small stones	
	1W	3 1/2'	11:48	11:51	11:51	11:54	3 min
	1W	11'	(30	90	sediment or rotten		
	1S	4'	11:42	11:44	11:44	11:47	3 min
	1S	13'		"LOAM"			
	1N	3' 3"	11:34	11:36	11:36	11:38	2 min
	1N	6'	11:34	11:35	11:35	11:38	1 min
		11 1/2'	LOAM		FE-OD C. 1.9V	190	3 min

} 11' SOLID

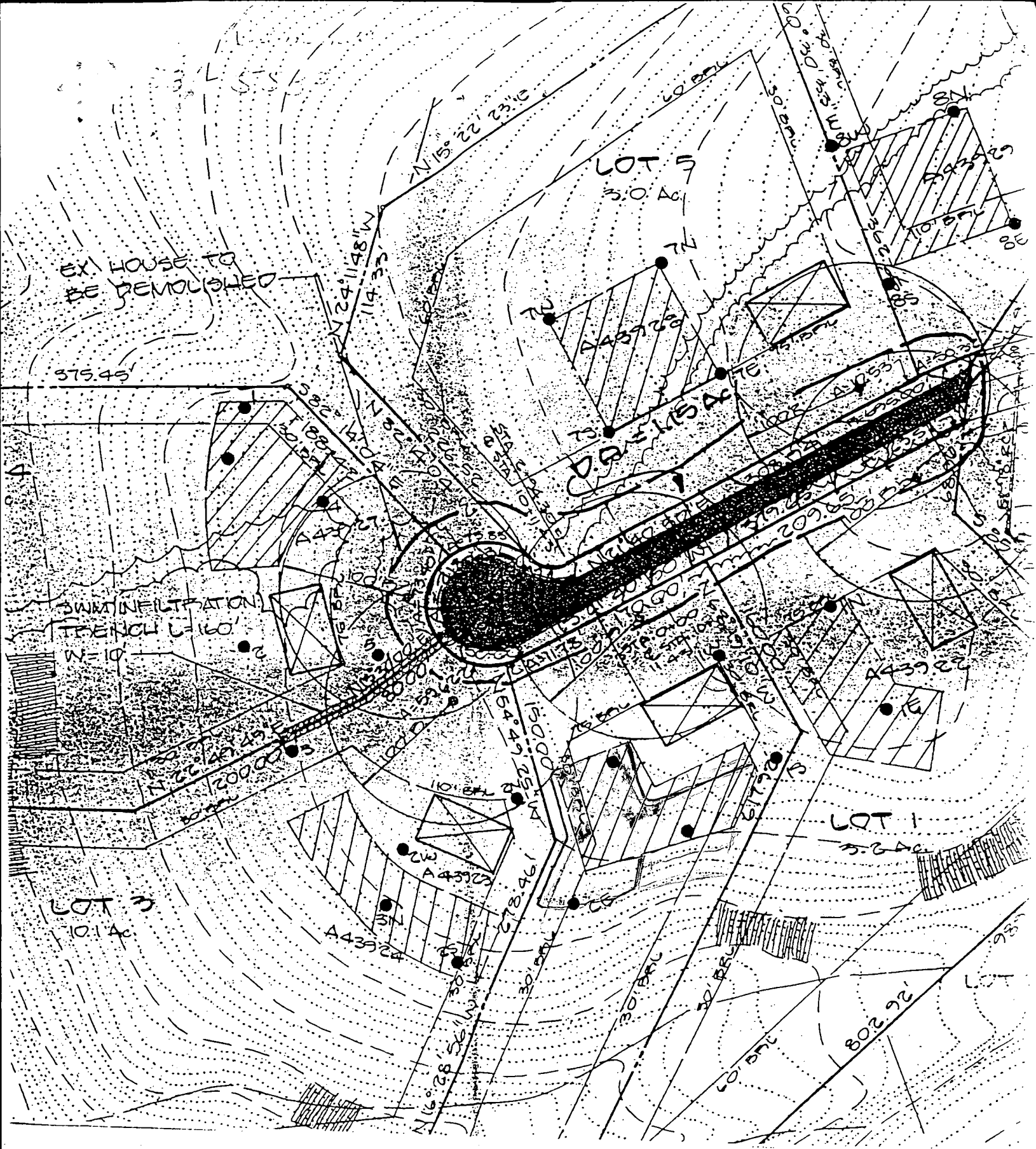
3 min

2 Holes

7/13/89 { 1 Visual 100' from LN; 1 Visual 100' from LN }
1-4 clay 6/5 Tests in main

REMARKS Tests per stakes
TYPE OF SOIL
TESTED BY C.B.D.
ALSO PRESENT C.B.D. 7/13/89 Backhoe digger and Richard L. owner. Hold for Final preliminary plan

SHOW 2 new holes on #2 lot



LOT 2 - HIGHLAND OAKS - SANTA MARIA AVE.

By copy of this plan the Health Department accepts this modification to the recorded sewage disposal easement.

2/26/96
Adjustment of
Amy McMiller

 = ADDED

C1	1399	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 = 43924	
ST/CO USE ONLY DATE Received		DATE WELL COMPLETED		Depth of Well		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
8 13		15 20		22 26		28 37	
		170590		245		HC-88-1398	
				(TO NEAREST FOOT)			

OWNER	HILL TOP DEVELOPMENT		
STREET OR RFD	last name	first name	TOWN
SUBDIVISION	HIGHLAND OAKS		LOT
	SECTION	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 FROM TO	Check if water bearing
Sandy Stone	0 54	
Gray Mica Rock	54 245	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT ☒ CM	BENTONITE CLAY ☐ BC
NO. OF BAGS 11	NO. OF POUNDS 1034
GALLONS OF WATER 66	
DEPTH OF GROUT SEAL (to nearest foot)	
from 1	ft. to 45
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below	☒ ST	☐ CO
	STEEL CONCRETE	
	☒ PL	☐ OT
	PLASTIC OTHER	
MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
☒ ST	☐ 1	☐ 11
	60 61	63 64 66 70

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

screen type or open hole insert appropriate code below	☒ ST	☐ BR	☐ HO
	STEEL BRASS OPEN HOLE		
	☐ PL	☐ OT	
	PLASTIC OTHER		

C2	DEPTH (nearest ft.)	
	1 2	3 4 5
	8 9	11 15 17 21
	23 24	26 30 32 36
EACH SCREEN	38 39	41 45 47 51
	SLOT SIZE 1 2 3	
	DIAMETER OF SCREEN (NEAREST INCH)	
	56 60	
from to		

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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO.	228
DRILLERS SIGNATURE	George P. Morgan
(MUST MATCH SIGNATURE ON APPLICATION)	
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.)
70	72
TELESCOPE CASING	LOG INDICATOR
OTHER DATA	
W Q	
74 75 76	

C3	PUMPING TEST				
	HOURS PUMPED (nearest hour)				
	2				
	PUMPING RATE (gal. per min. to nearest gal.)				
9.5					
METHOD USED TO MEASURE PUMPING RATE					
Bucket					
WATER LEVEL (distance from land surface)					
BEFORE PUMPING					
76					
WHEN PUMPING					
79					
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)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH	
(nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	
- below	
LAND SURFACE	
(nearest foot)	

LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
SANTA MARIA FOX.	
51.5	

COUNTY