

12/13/88 AM

03-312038

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

P 43065

A 39507

DISTRICT 3rd

DATE

11/22/88

DATE SYSTEM APPROVED

10/13/88

INSPECTOR

RAY HODGES

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS

PHONE 988-9270

SUBDIVISION

Rover Meadows

ROAD

13870 Rover Mill Road

LOT

4

PROPERTY OWNER

Alanna Koster

MR + MRS.

LORSONG

ADDRESS

1/30/90

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER?

YES ☒

NO ☐

SEPTIC TANK CAPACITY

2000

GALLONS

NUMBER OF BEDROOMS

4

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 215 feet up the right (564.54') lot line and 110 feet off the same lot line as seen when facing the lot from Rover Mill Road. Run trenches on contour toward the left and right lot lines.

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

0145A

PLANS APPROVED BY

Sid Abel

DATE

12/14/87

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH

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.

BUILDING PERMIT SIGNED

AND RETURNED

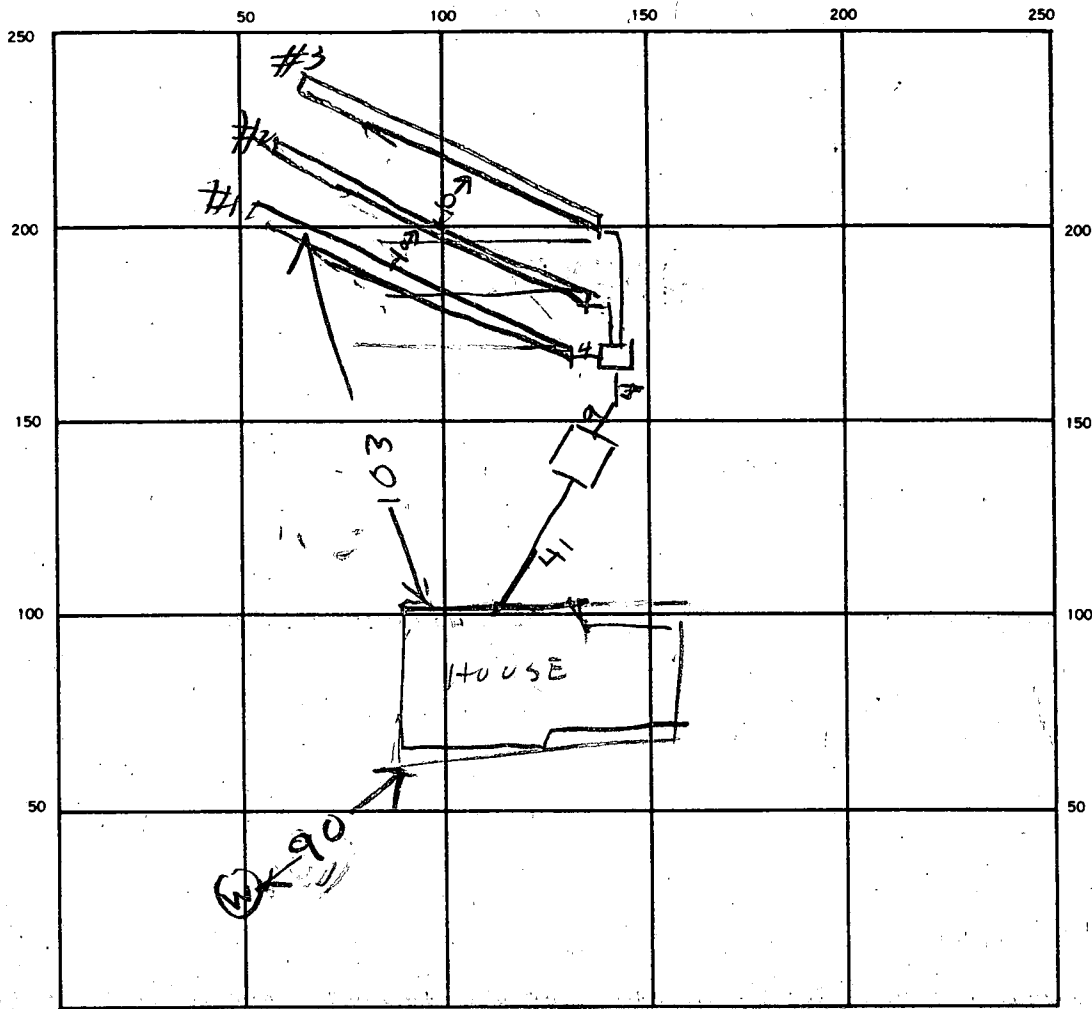
52302
B00136458-14x18 sun room &
DECK 18x22

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

39507



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

ROVER MILL RD

SEPTIC TANK, LEVEL 2000

CLEANOUTS ST. 012

DISTRIBUTION BOX, LEVEL _____

DRAIN FIELD/TILE FIELD, DEPTH 1 2 3 5 5 5 FT.

TRENCH WIDTH 1 2 3 3 3 3 FT.

INLET DEPTH 1 2 3 3 3 2.5 FT.

EFFECTIVE GRAVEL DEPTH 1 2 3 2 2 2 FT.

TOTAL LENGTH 1 2 3 100 100 100 FT. 300

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 960 SQ. FT.

INSTALLED REQUIRE 1 800

DRYWELL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS

BUILDING PERMITS SIGNED AND RETURNED LOCATION OK PER PLANS

DATE SYSTEM APPROVED 10/13/08

INSPECTOR

Raymond Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 39507

P _____

DISTRICT 3d

DATE April 20, 1987

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 A. Brander

ADDRESS Rover Mill Road PHONE 465-7777

PROPERTY LOCATION:

SUBDIVISION ~~Mc Connick Property~~ Rover Meadows LOT NO. 5

ROAD AND DESCRIPTION on the East side of Rover Mill Road, at the intersection of
Old Rover Road

SIZE OF LOT 3 Acre Minimum TYPE BLDG. 3-4
(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.

Dennis M. Ruoli

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5-27-87 Rule Satisfactory hold for PERM. S.A.M.

THIS IS NOT A PERMIT

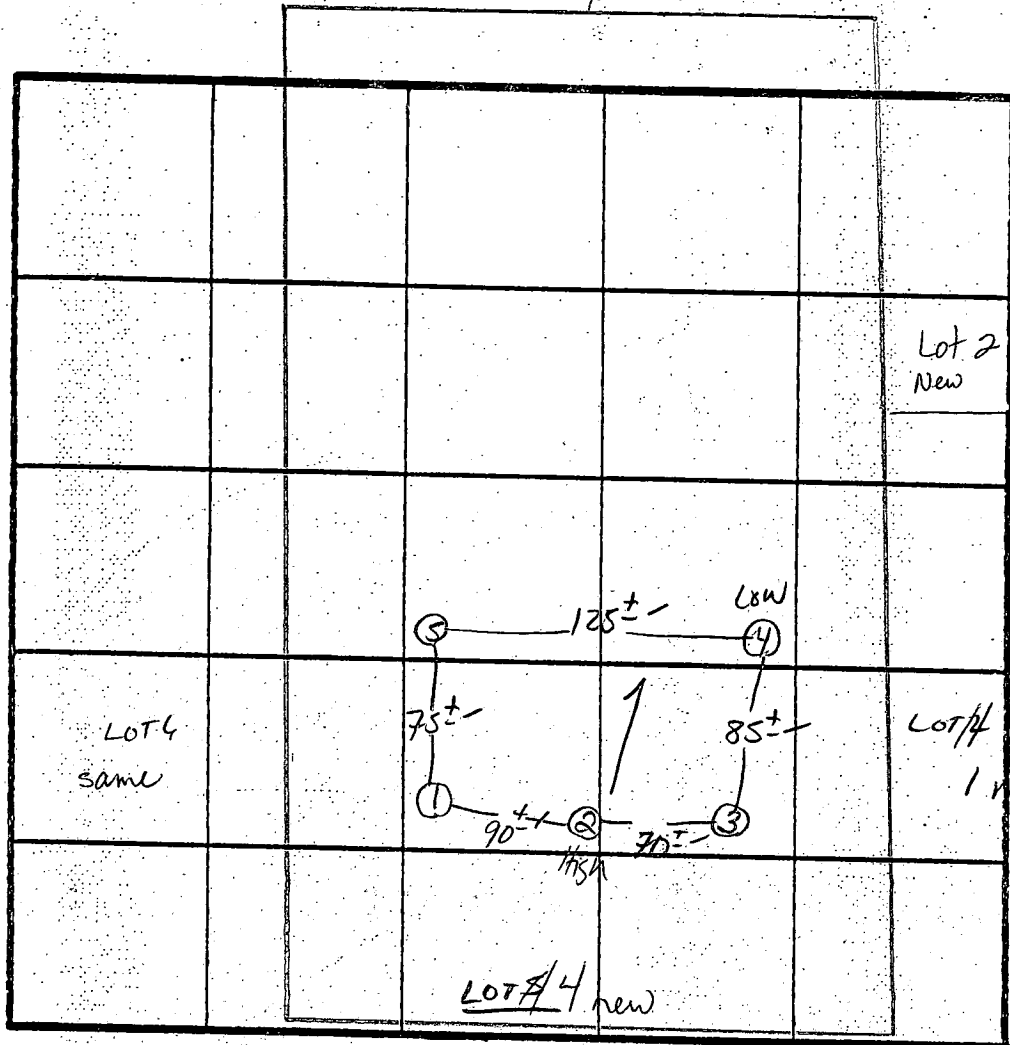
LOT # 5 new

① →
SOIL PROFILE

0
14" AP
RED YELLOW
SILTY CLAY
LOAM
10-20%
FRAGS

3-3.5
RED BR.
SILTY LOAM
MICACOUS
15-20%
FRAGMENTS

12-13



7 Perc 6 min
180 ft/hr
INLET 3'
BOTTOM 5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Rover Mill Rd.

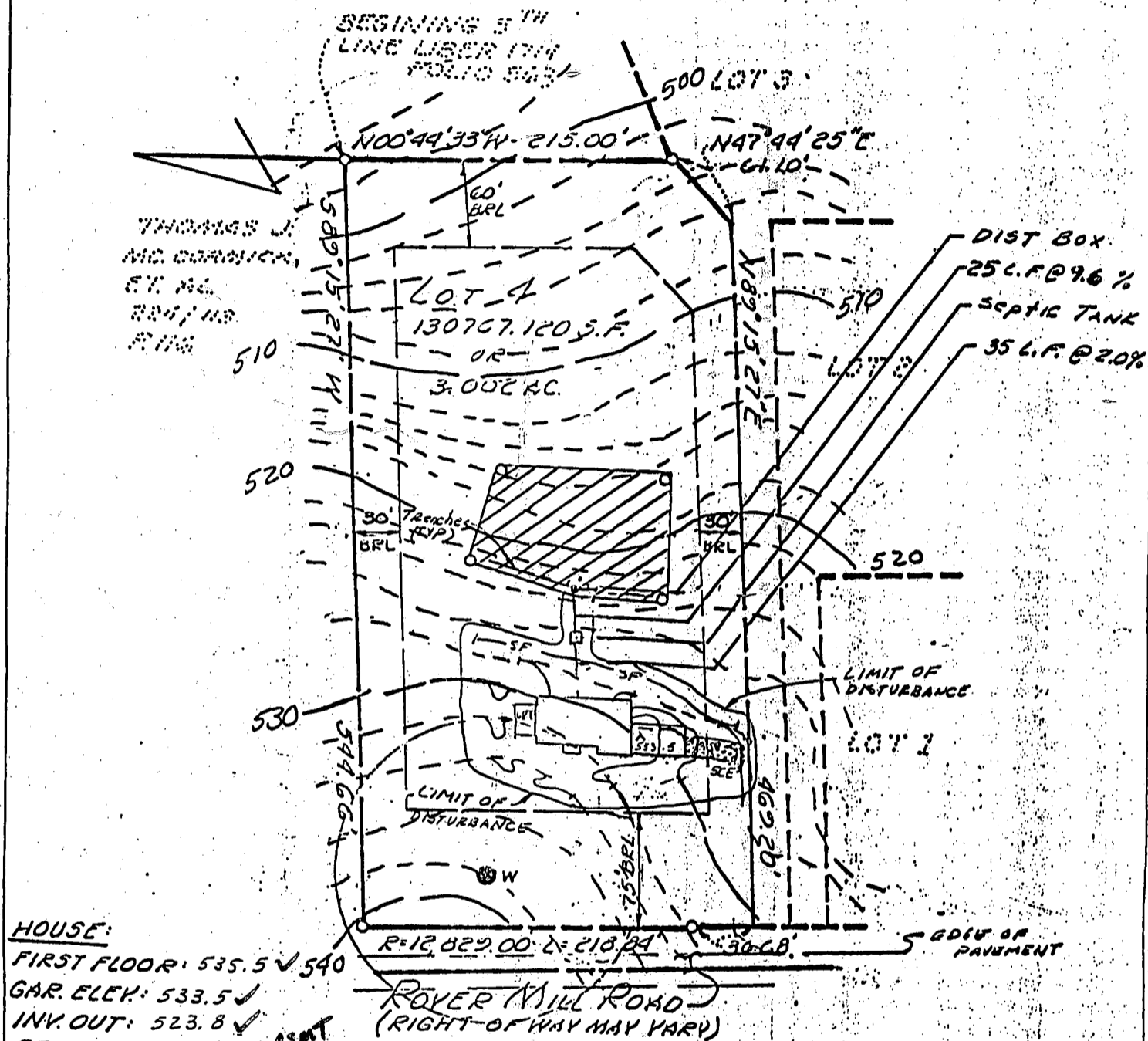
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/27/87	1 S 1 V	3.5 13'	11:08	11:09	11:09	11:11	2 min
	2 S 2 M	3.5 8'	11:10	11:13	11:13	11:19	6 min
	2 V	12.5'	11:12	11:15	11:15	11:23	8 min
	3 S 3 V	3.5 12.5'	11:14	11:15	11:15	11:17	2 min
	4 S 4 V	3.5 13'	11:16	11:17	11:17	11:20	3 min
	5 S 5 V	4' 11'	11:20	11:26	11:26	11:38	12 min

REMARKS Perc AS STATED PER FEET.

TYPE OF SOIL Chestnut Loam - Gravelly, Loam

S. Abel

Dennis, Rocky, well



3/23/88

BLDG. PERMIT SIGNED
AND RETURNED 3/23/88

NOTES

TITLE: GRADING STUDY

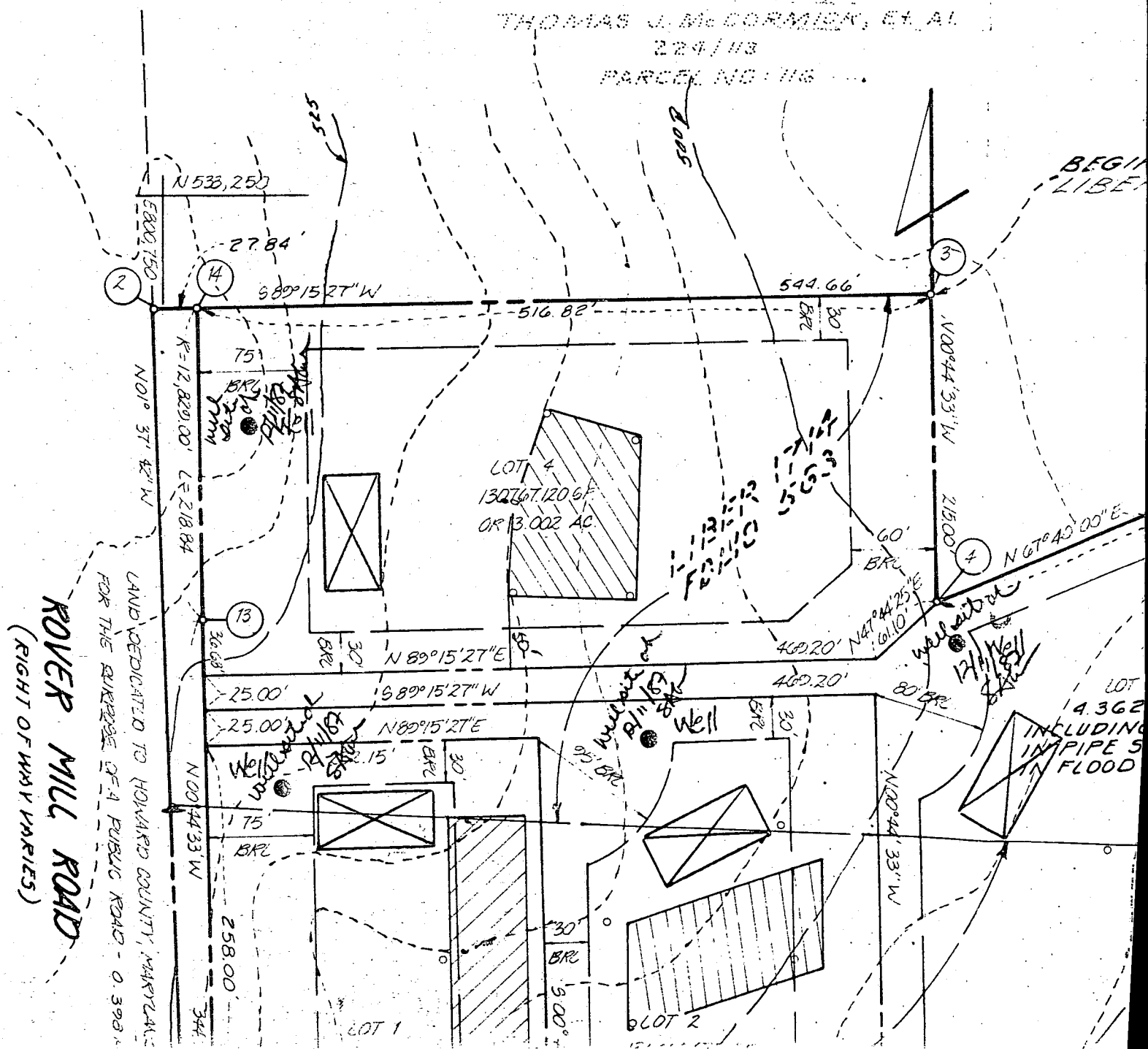
PROJECT: ROYER MEADOWS - LOT 4

LOCATION: 3RD ELECTION DISTRICT HOWARD CO., MD.

boender associates
inc.
consulting engineers
land surveyors
land planners

CURVE DATA

NO.	RADIUS	LENGTH	TAN	Δ	CHD BEARING & DIST
11-12	1,680.00'	207.72'	103.99	07°05'03"	N02°47'58"E-207.58
13-14	12,820.00'	218.84'	109.42	00°58'39"	N01°13'52"W-218.83



C 1 2084		SEQUENCE NO. (OEP 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.					
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)								COUNTY NUMBER		A 39506			
DATE Received		DATE WELL COMPLETED		Depth of Well		PERMIT NO.							
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		FROM "PERMIT TO DRILL WELL"							
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div><div></div><div></div><div></div></div>							
OWNER				last name		first name		TOWN		LOT			
STREET OR RFD				ASSOCIATES		BOENDER		WEST FRIENDSHIP					
SUBDIVISION				ROVER MEADOWS		SECTION		LOT		4			
WELL LOG Not required for driven wells				GROUTING RECORD									
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				WELL HAS BEEN GROUTED (Circle Appropriate Box)									
DESCRIPTION (Use additional sheets if needed)				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
FEET				TYPE OF GROUTING MATERIAL									
FROM TO				CEMENT <div><div></div><div></div><div></div><div></div><div></div><div></div></div> BENTONITE CLAY <div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
Check if water bearing				NO. OF BAGS 11 NO. OF POUNDS 1034									
SAND				GALLONS OF WATER 66									
45 145				DEPTH OF GROUT SEAL (to nearest foot)									
45 145				from 0 ft. to 44 ft.									
GARY NICK LOCK				(enter 0 if from surface)									
				CASING RECORD									
				casing types insert appropriate code below									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				OTHER CASING (if used)									
				diameter depth (feet) inch from to									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				SCREEN RECORD									
				screen type or open hole									
				insert appropriate code below									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				DEPTH (nearest ft.)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				SLOT SIZE 1 2 3									
				DIAMETER OF SCREEN (NEAREST INCH)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				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.) WQ									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				TELESCOPE CASING LOG INDICATOR OTHER DATA									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				PUMPING TEST									
				HOURS PUMPED (nearest hour)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				PUMPING RATE (gal. per min. to nearest gal.)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				METHOD USED TO MEASURE PUMPING RATE									
				Bucket									
				WATER LEVEL (distance from land surface)									
				BEFORE PUMPING									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				WHEN PUMPING									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				TYPE OF PUMP USED (for test)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				A air P piston T turbine									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				C centrifugal R rotary O other (describe below)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				J jet S submersible									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				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									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				CAPACITY: GALLONS PER MINUTE (to nearest gallon)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				PUMP HORSE POWER									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				PUMP COLUMN LENGTH (nearest ft.)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				CASING HEIGHT (circle appropriate box and enter casing height)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				LAND SURFACE (nearest foot)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				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)									
				<div><div></div><div></div><div></div><div></div><div></div><div></div></div>									
				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. 737									
				DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)									
				SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)									

10/14/88
Bm

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 X
Replacement _____

Receipt # 42255
Date 8/2/88

Name of Installer W.W.King Plbg. & Htg. Contr., Inc.

Telephone 301-662-6990

License Number MD. 2217

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X

Name of Property Owner Connolly Construction

Telephone 301-799-5988

Subdivision Rover Meadows Lot # 4

Well Tag # HO -81 -2474

Site Address 13890 Rover Mill Rd.

Pump

1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible _____
2. Make Goulds
3. Model # 5ES05422
4. Capacity 5 GPM
5. Pump exceeds well capacity Yes _____ No X
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 X Other _____

Motor

1. Horsepower 1/2
2. RPM 3500
3. Voltage _____
a. 110 _____
b. 220 X

Pitless Adapter

1. Make Martinson
2. Model # RP-10K
3. Depth 42" min
60" max]

Tank

1. Capacity 42
2. Pressure relief valve? 75lb

Piping

1. Type plastic 160#
2. Size 1"
3. NSF and/or BOCA Code approved X
4. Depth of supply line 42" min
60" max

Well data

1. Depth 845 ft.
2. Yield 15 GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? yes

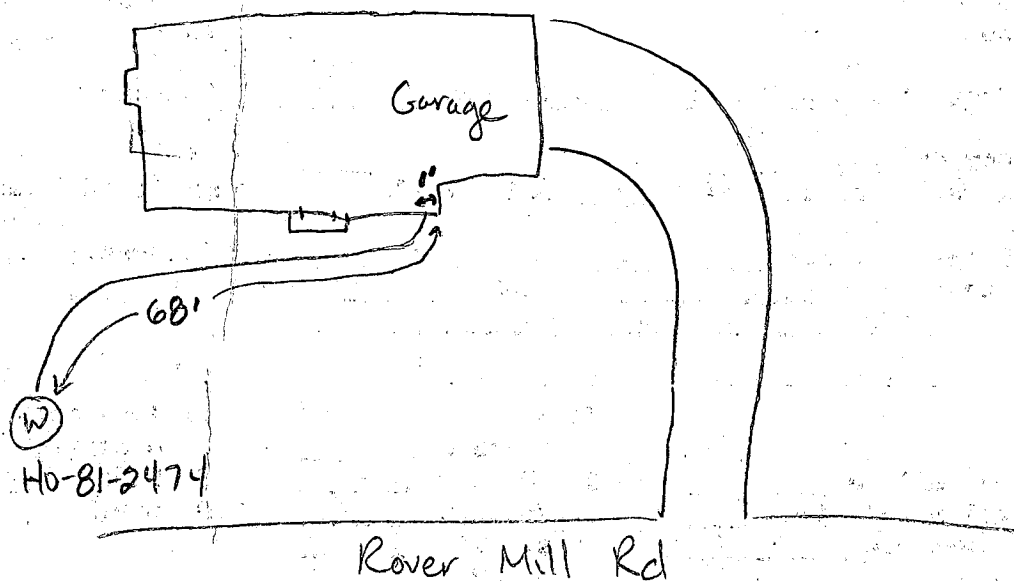
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Walter W. King

Date: 8-9-88

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

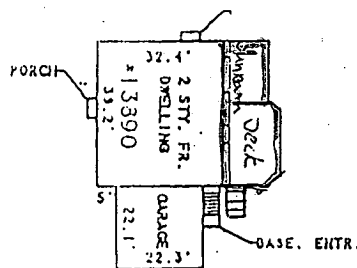
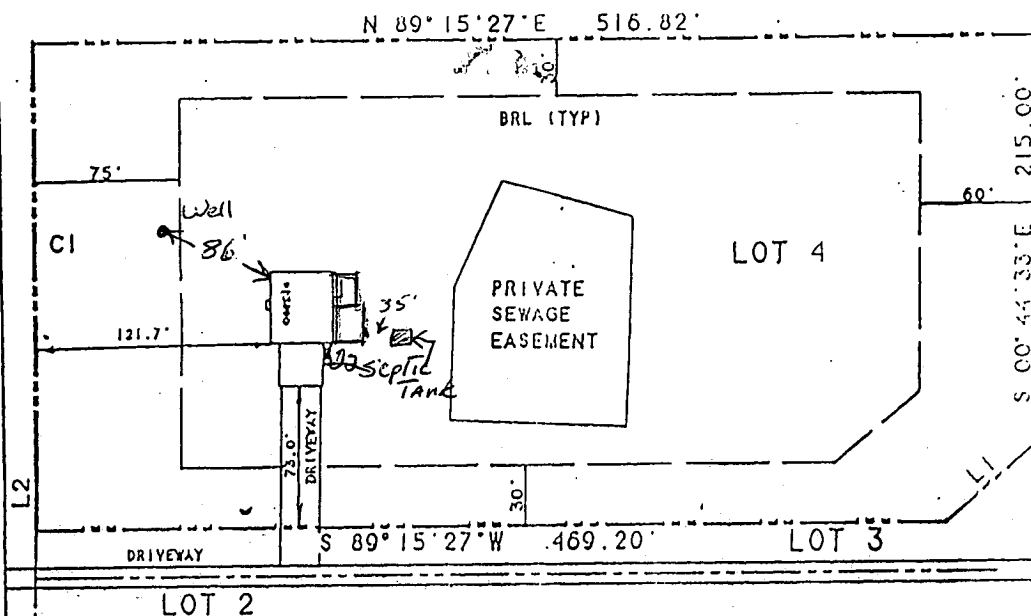


1
2
6
72
8
80

2
45
2.4
180
68

10-14-88 Pitless adaptor at 80 inches. Well line, electric and ground line at 56 inches in trench. House connection OK. Pump tank installed w/relief valve. JENadeau.

OLD ROVER MILL ROAD
RIGHT OF WAY VARIES



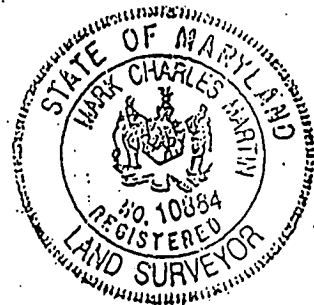
BUILDING DETAIL
SCALE 1" = 50'

B00136458
OK'D BY
6m 5/23/02

I HEREBY CERTIFY THAT THE PROPERTY DELINEATED HEREON IS IN ACCORDANCE WITH THE PLAT OF SUBDIVISION AND/OR DEED OF RECORD, THAT THE IMPROVEMENTS WERE LOCATED BY ACCEPTED FIELD PRACTICES AND INCLUDE PERMANENT VISIBLE STRUCTURES AND ENCROACHMENTS, IF ANY. THIS PLAT IS NOT FOR DETERMINING PROPERTY LINES, BUT PREPARED FOR THE EXCLUSIVE USE OF PRESENT OWNERS AND ALSO THOSE WHO PURCHASE, MORTGAGE OR GUARANTEE THE TITLE THERETO, WITHIN SIX MONTHS FROM THE DATE HEREOF, AND AS TO THEM, I WARRANT THE ACCURACY OF THIS PLAT.

Mark C. Martin 1/25/94

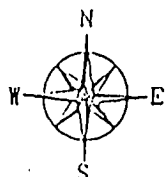
MARK C. MARTIN DATE
PROFESSIONAL LAND SURVEYOR NO. 10884



94031LS

LAND SURVEY & DESIGN, INC.

5710 EXECUTIVE DRIVE
SUITE 100
CATONSVILLE, MARYLAND 21228
410-788-4445



LOCATION SURVEY

13890 OLD ROVER MILL ROAD
LOT 4

ROVER MEADOWS
PLAT NO. 7609

HOWARD COUNTY, MARYLAND

SCALE 1" = 100' JANUARY 25, 1994