

Tax ID-05-413117

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE
INDEXED

P 565 77

A 43928

DISTRICT 5th

DATE 4-23-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-8838x~~ 313-2640

DATE SYSTEM APPROVED 6/20/96

INSPECTOR

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Highland Oaks LOT 5 ROAD 6842 Santa Maria Avenue

PROPERTY OWNER Patricia and Protagros Cutchis

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

200 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 200

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - From the right front lot corner, place the distribution box 139' down the 257' lot line and 175' off that same lot line. Run trenches along contour towards the front lot line as seen from Santa Maria Avenue.

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

PLANS APPROVED BY Glen Savage REVISED _____ DATE 2/23/96

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

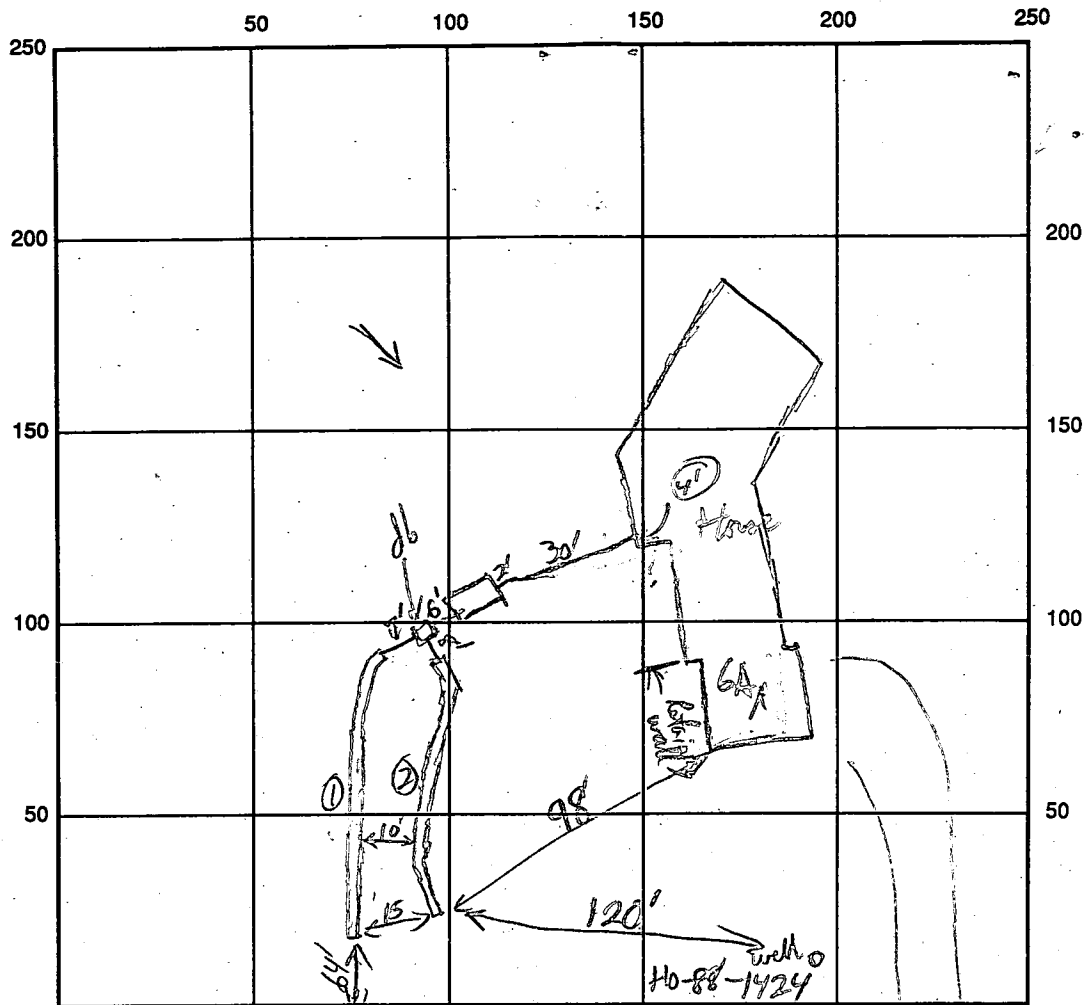
vr/2/27/96

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

HD-260(6-90)

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A 43928



Santa Maria Ave

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1600 gael

CLEANOUTS S.T. ✓

DISTRIBUTION BOX LEVEL ✓ OK

DRAIN FIELD/TITLE DEPTH 9/9 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 5' FT.

TOTAL LENGTH 100' / 99 FT.

NUMBER OF TRENCHES _____

ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT.

EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: They claim house conversion already installed & covered, I only see pipe within 4' of S.T.

S.T. is not (No access yet). 1st Trench (about 40' long) is OK to gravel fill. OK to
cover most of Trench after back pipe, gravel & pipe cover. Call for final Insp. 6/26/96
OK to finish gravel filling 1st Trench & cover when complete. 6/29/96 PP

DATE SYSTEM APPROVED

6/20/96

INSPECTOR

David J. Smith

APPLICATION

PERCOLATION TESTING

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

A 43928

P _____

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 Development Corp

ADDRESS Po Box 208 CLARKSVILLE PHONE 531-5539

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HIGHLAND OAKS LOT NO. Prelim 5
7

ROAD AND DESCRIPTION _____

TAX MAP 40 PARCEL # 36

SIZE OF LOT 3A TYPE BLDG SFD - 5 BEARS

BLDG. PERMIT SIGNED

AND RETURNED 6-3-93

2-23-96

(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 J. Perumutt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A# 43928

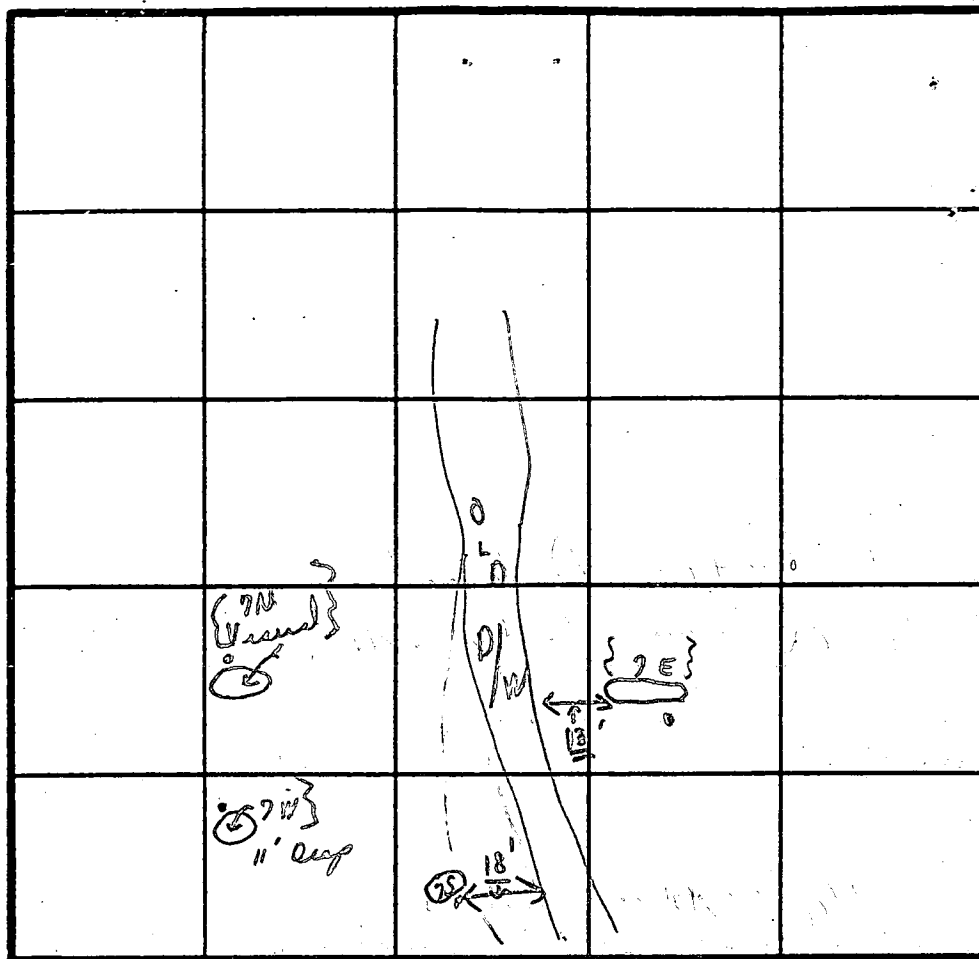
#7

SOIL PROFILE

CLAY

SOME
MICH
TO
LOAM

4' 4 1/2"
7N 7W
7E
7S



SHALLOW

 $\bar{x} = 7 \text{ min}$

Inlet = 4.0 ft

Bottom = 6.0 ft

180 sqft/bedrm

(7 minutes average)

Inlet

4'

Trenches
200 sq/ft4' to 10'
6' of stone

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/5/89		4'	10:11	10:11	10:23	10:26	3 in
1st Lot	(7N Visual)	4'	4' to 11'	Loam Visual			
2nd Lot		4'	10:21	10:23	10:23	10:26	3 in
	(7S)	13'		1 1/2%	5% ±		Rather
		4 1/2'	10:18	10:20	10:20	10:23	3 in
	(7W)	11'	(2% to 5%)		Rather	or sandstone	(1)
	(7E)	4'	10:14	10:18	10:18	10:25	2 in
		6'	10:13	10:15	10:15	10:17	2 in
		12'		LOAM			

REMARKS

Tests in muds.

Hold for certified holes

TYPE OF SOIL

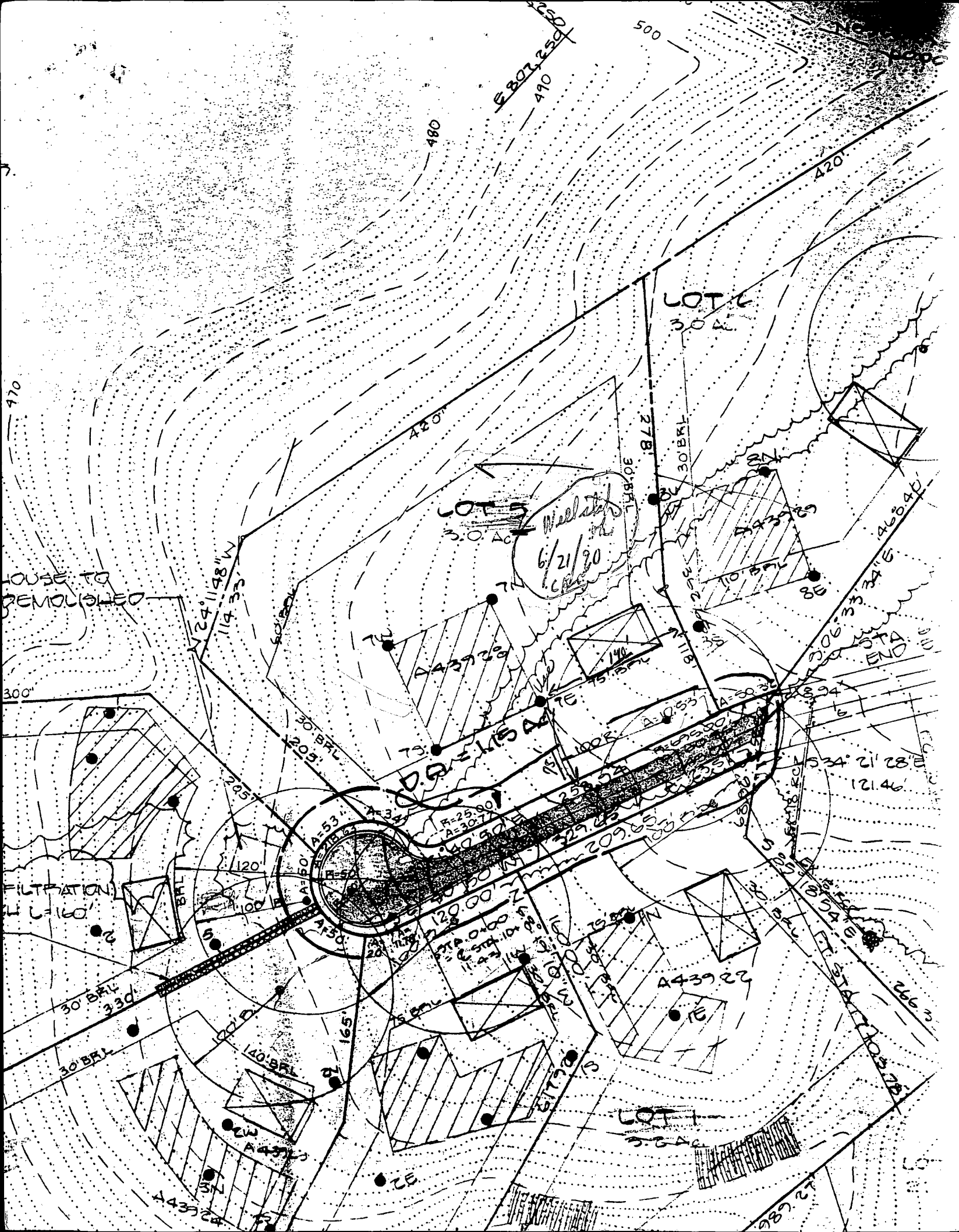
" per slab

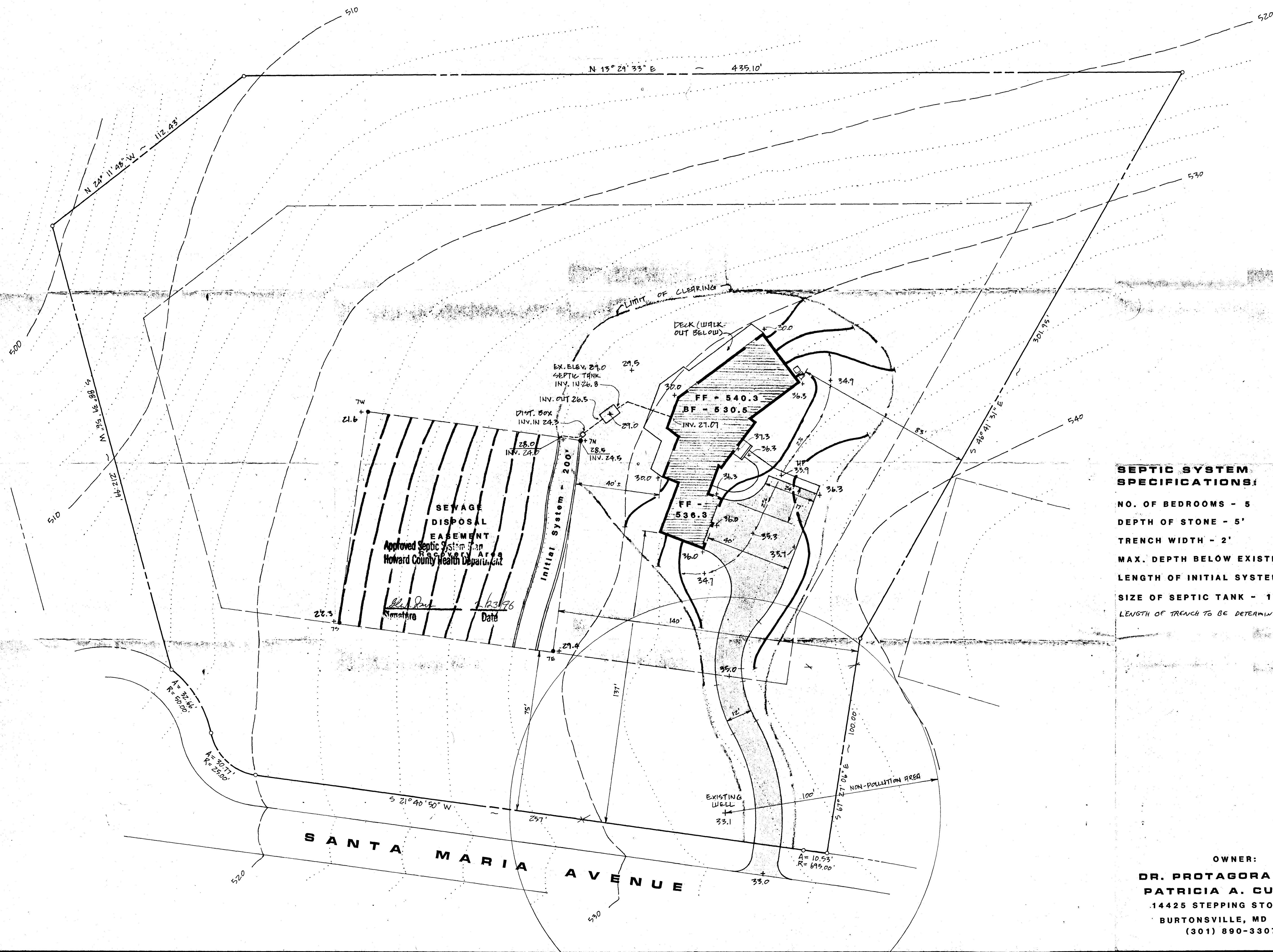
TESTED BY

C. B. A.

ALSO PRESENT

{ Richard DeRemitt
1 Baerhoe
- Max }





SEPTIC SYSTEM SPECIFICATIONS:

NO. OF BEDROOMS - 5

DEPTH OF STONE - 5'

TRENCH WIDTH - 2'

MAX. DEPTH BELOW EXISTING GRADE - 9'

LENGTH OF INITIAL SYSTEM - 200'

SIZE OF SEPTIC TANK - 1500 gal

LENGTH OF TRENCH TO BE DETERMINED

OWNER:

DR. PROTAGORAS N. & PATRICIA A. CUTCHIS

14425 STEPPING STONE WAY

BURTONSVILLE, MD 20866

(301) 890-3307

6842 SANTA MARIA AVENUE

SITE PLAN

HIGHLAND OAKS - LOT 5

project: HOWARD COUNTY, MARYLAND

P&A

Benning & Associates, Inc.
Land Planning Consultants
8933 Shady Grove Court
Gaithersburg, Md. 20877
(301) 948-0240

date: FEBRUARY 17, 1993

scale 1" = 20'

north

C1 1498 SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLUMNS 2-6 ON ALL CARDS)

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-43928

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED
10/28/90

Depth of Well
325
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
10-88-1424

OWNER: HILLTOP DEVELOPMENT
STREET OR RFD: last name SANTA MARIA AVE first name TOWN HIGHLAND
SUBDIVISION: HIGHLAND OAKS SECTION 1 LOT 5

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

Sandstone 0 35
Gray mica 35 325
Rock

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 8 NO. OF POUNDS 452

GALLONS OF WATER 148

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 33 ft.
(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 60 61 40 66 70

OTHER CASING (if used)

diameter depth (feet) inch from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO
STEEL BRASS OPEN HOLE
PL OT
PLASTIC OTHER

C2

DEPTH (nearest ft.)
H0 325
EACH SCREEN
1 8 9 11 15 17 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

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 LOG OTHER DATA
CASING INDICATOR

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 3.3

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 34

WHEN PUMPING 22.2

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)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

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)

Sketch of well location on lot with distances to structures.

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. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY