10/3/95
ASAD

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 50852

A 45580

DISTRICT 3rd

DATE 8-31-95

DATE SYSTEM APPROVED 10/3/95

INSPECTOR M.Rifkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~[illegible]~~ 313-2640 03-283593

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL X ALTER ____

ADDRESS P.O. Box 15, Woodbine, MD 21797 PHONE 795-7873

SUBDIVISION Kings Gift LOT 25 ROAD ~~11750 Frederick Road~~ 11624 WEST WINCHESTER LANE

PROPERTY OWNER ~~Trinity Builders~~ Ganson

ADDRESS ____

SEPTIC TANK CAPACITY 1500 GALLONS *Maintain 100' from well to all parts of septic system*

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 3.0 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 distribution box 130 feet up the left (352.00)lot line and 145 feet off that same lot line as seen when facing the lot from the existing Macadam Drive. 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. OK 8/31/95 DICS

PLANS APROVED BY Amy McMillen DATE 8/4/95

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

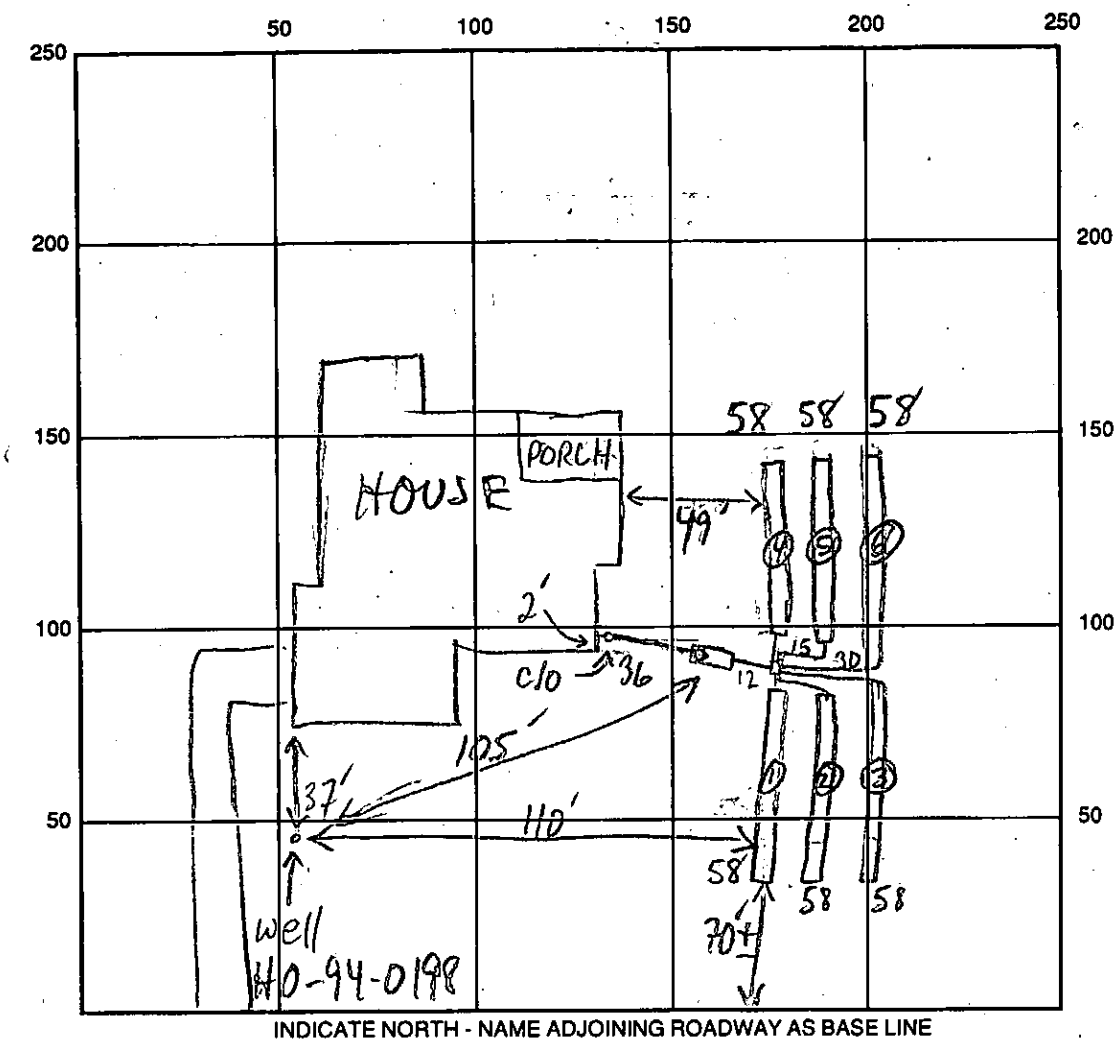
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**
***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-260(6-90)

A 45580



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS INLINE & S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 / 3.5-5 FT. (1-3 / 4-6) TRENCH WIDTH 3 FT. INLET DEPTH 3 / 1.5-3 FT. (1-3 / 4-6)

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 6 @ 58 FT.

NUMBER OF TRENCHES 6 ~~ONE SIDEWALL~~/BOTTOM AREA 6 @ 174± SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 1050± SQ. FT.

REMARKS: 10/3/95 #1 TOPO IN REAR PORTION OF SEPTIC EASEMENT - POSS. NOT AS PER PLAN - INSTALLER ALSO BELIEVED HOUSE MOVED FORWARD (NOT TRUE) BOX IS SLIGHTLY TOO FAR BACK; SINCE SD A LIMITED, GAVE OK TO RUN TRENCHES IN LAYOUT SHOWN (9" DOWNHILL), TRENCH BOTTOMS + STONE LEVEL - CONTINUE (HR)
10/3/95 #2 OK TO COVER WPI: OK TO COVER 3½' B.G.

DATE SYSTEM APPROVED 10/3/95 INSPECTOR M. RIPKIN

S.K., PLG. 410 775-0562 (WELL LINE)

3/2/90

APPLICATION

A 45580

PERCOLATION TESTING

P ______

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

PREVIEW OK TO MOVE SEPTIC AREA CLOSER TO ROAD. CWillen

DISTRICT ______

DATE 2/21/90

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 ~~Jean R. Dickey~~ Trinity Builders

ADDRESS 13700 Forsythe Rd., Sykesville, Md. 21784 PHONE 442-2456

PROSPECTIVE BUYER ______

ADDRESS ______ PHONE ______

BLDG. PERMIT SIGNED AND RETURNED 8/4/95
SFD - 5Brm Serial #61066

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 25

ROAD AND DESCRIPTION 11750 Frederick Rd

TAX MAP ______ PARCEL # ______

SIZE OF LOT ______ TYPE BLDG. SF
(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. Jennifer D. Johnson
(SIGNATURE OF APPLICANT)

Count Bottom areas {4½ to 9½' 3' of stone} {3' Wide Trench} {220} 7/11 B.R.

APPROVED BY C. B[illegible] FOR Trenches under 4½ to 5' between (E) + (F) DATE 3/2/90

REJECTED BY ______ FOR ______ DATE ______

HOLD PENDING FURTHER TESTS ______ DATE ______

REASONS FOR ~~REJECTION~~ OR HOLDING 3/2/90 Need certified perc holes; house sites and well site. C.B.

{Early A.M.} 7/5/'90 Plat of 6/18/90 ok. C.B. } 7/5/90 Recommend water well first. C.B.

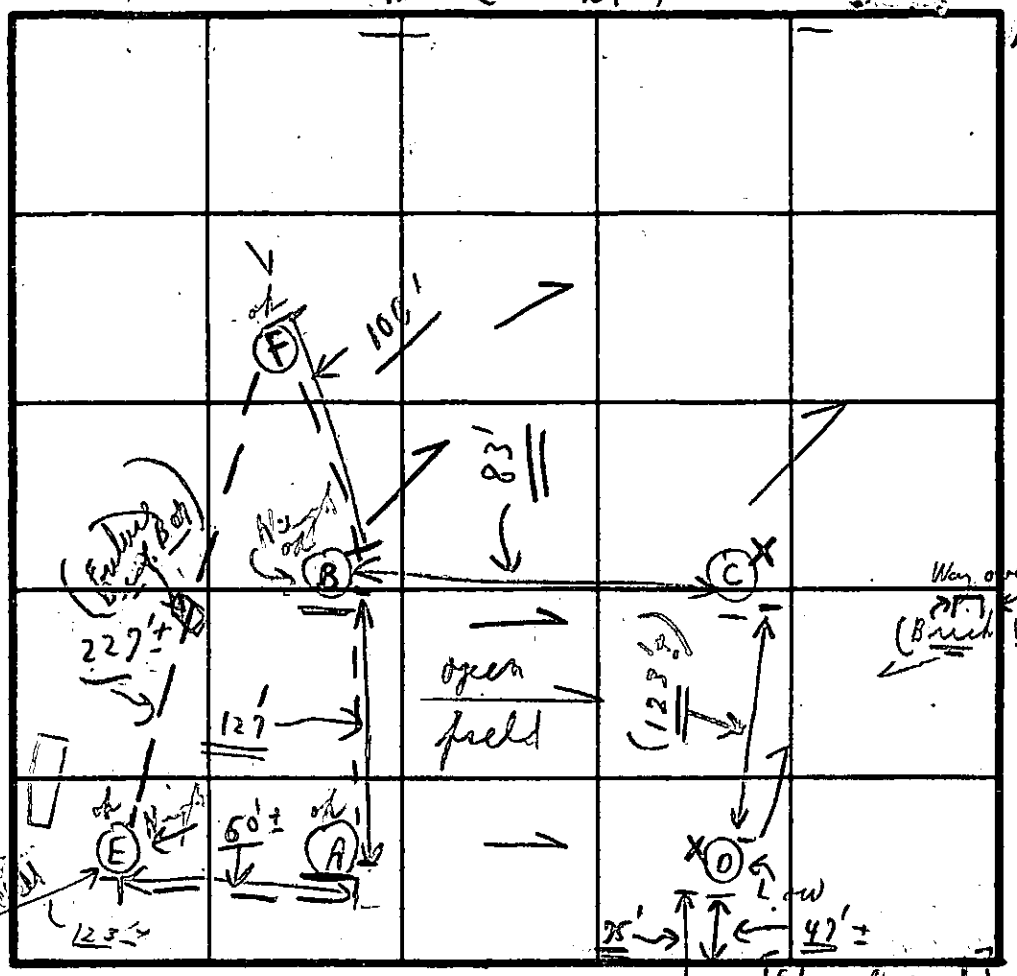
HD-216

THIS IS NOT A PERMIT

A# Retest 45580

LOT #25

"W" ← RT 70 → "E"



HOLE (B) SOIL PROFILE

0 to 3' CLAY
3' to 11' LOAM
NO ROCK

SOIL PROFILE HOLE (A)

0' to 5' CLAY
5' to 12½" LOAM
To WATER 12½'

HOLE (D) 0' SOIL PROFILE

0 to 4' CLAY
4' to 6½'
6½' to 8'
8' WATER

(E) 0' SOIL PROFILE

(PROFILE 5½'± CLAY
5½'± to 13½' LOAM

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST START	TEST DROP	TEST STOP	TIME
3/2/90		'	0' to 4'; clay;					New hole XX
	X (D) #25	6½' to 8'±	← WATER	← Full flow →		X		X
	X (C) #25	'	0' to 3'8" to 4'		CLAY			
		8' to 8½'	WATER		8'	Full flow		XX
	(B) High	3'	2:30	2:32	2:32	2:36		4 min
		11'	← → WATER.		(STEADY AT 11')			
	(A)	5'	2:23	2:27	2:27 out	2:36		9 min
		12½'	WATER		- stabilized @			12½'
	(E) High	5½'	2:15	2:28	2:28	2:55		27 min
		13½'		DRY				
	(F)	5'-4"	3:07	3:16	13'-11"			3:30

REJECT X

REMARKS 3/2/90 Tests in open; Tests per mark, or stake except (E) + (F)

TYPE OF SOIL LOAM DRY

TESTED BY C.B.O. ALSO PRESENT { See #26 }

3/2/90

APPLICATION

PERCOLATION TESTING

A 4558/

P

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

PREVIEW OK.
TO MOVE SEPTIC AREA
CLOSER TO ROAD,
MUST CHECK LOCATION
OF DRILLED WELL LOT 26
C Willi

DISTRICT

DATE 2/21/90

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

WATCH WELL SITE THIS LOT RE: ADJUSTED SEPTIC AREA LOT 25

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

PROPERTY OWNER Jean R. Dickey

ADDRESS 13700 Forsythe Rd, Sykesville, Md. 21784 PHONE 442-2456

PROSPECTIVE BUYER —

ADDRESS — PHONE

PROPERTY LOCATION:

SUBDIVISION King's Gift LOT NO. 26

ROAD AND DESCRIPTION Frederick Rd.

TAX MAP PARCEL #

SIZE OF LOT TYPE BLDG. SF
(SINGLE FAMILY DWELLING OR COMMERCIAL)

{No hole, 3/5/90 A.M.} ① Damascus [illegible]

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.

Jennifer D. Johnson ② 3/2/90 at site + helper
(SIGNATURE OF APPLICANT)

APPROVED BY FOR DATE

REJECTED BY C.B. Strecker FOR {in area of holes / any system} DATE 3/5/90

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION ~~OR HOLDING~~ 3/5/90 Late P.M. → Water table problems, rock and/or clay in area of 4 holes.
3/5 Tests to front near common right of way. C.Bd.

THIS IS NOT A PERMIT

(Plat of 6/18/90 C.Bd. - not in area of septic shown disapproved. Hold for Mr. C. Williams not approved of C.Bd.)

R# 45581 Retest

LOT #26

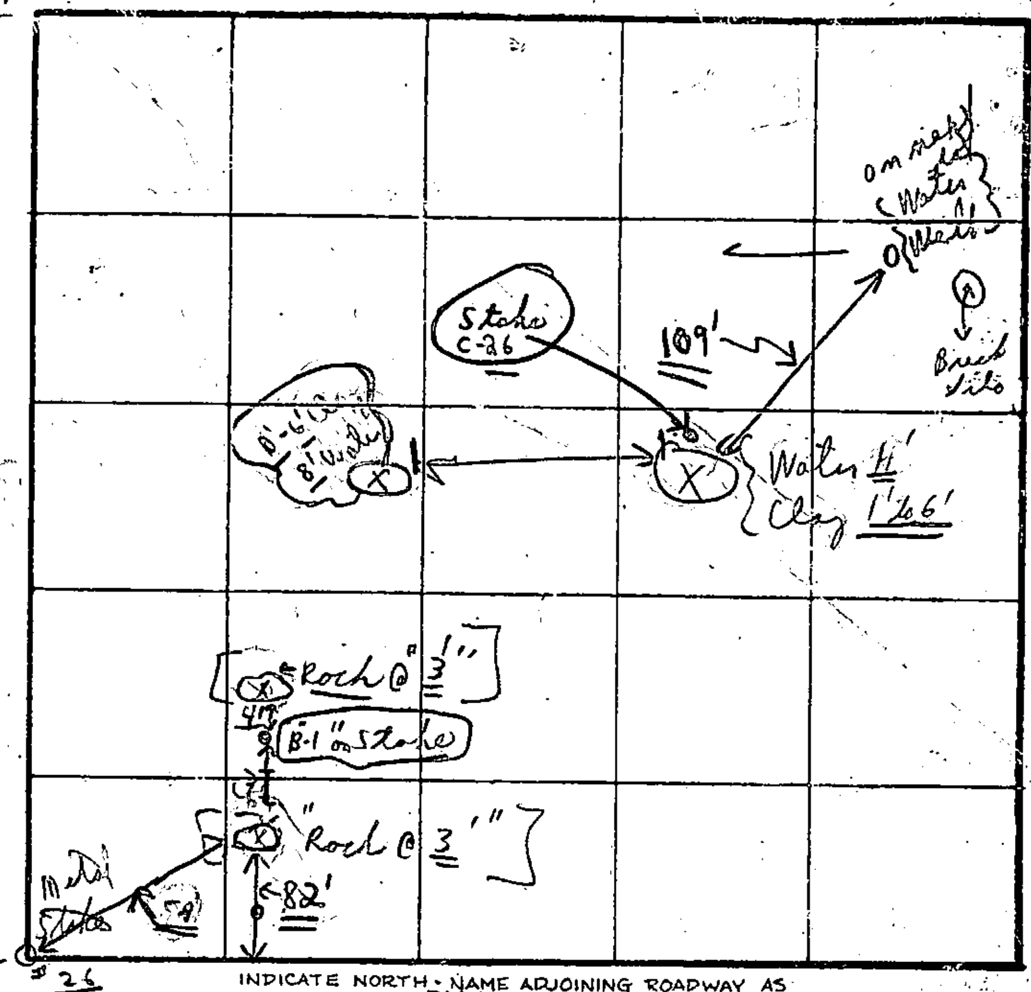
Hole # 0

0' SOIL PROFILE

to _'

_' to _'

Not Tested



Hole 0

SOIL PROFILE

0' _' CLAY

_' to _'

Not tested

Hole 0

0' SOIL PROFILE

to _'

_' to _'

Not Tested

INDICATE NORTH · NAME ADJOINING ROADWAY AS BASE LINE.

Gravel Drive

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
3/5/90	~~stake~~	'	:	:	:	:	
	(B1)	'	No tests		ROCK OK		
	0	'	No Tests		WATER		
	0	'	No tests		& CLAY		
	0	'	:	:	:	:	
	0	'	:	:	:	:	
		'	:	:	:	:	

Hole #0

SOIL PROFILE

_' to _'

Not tested

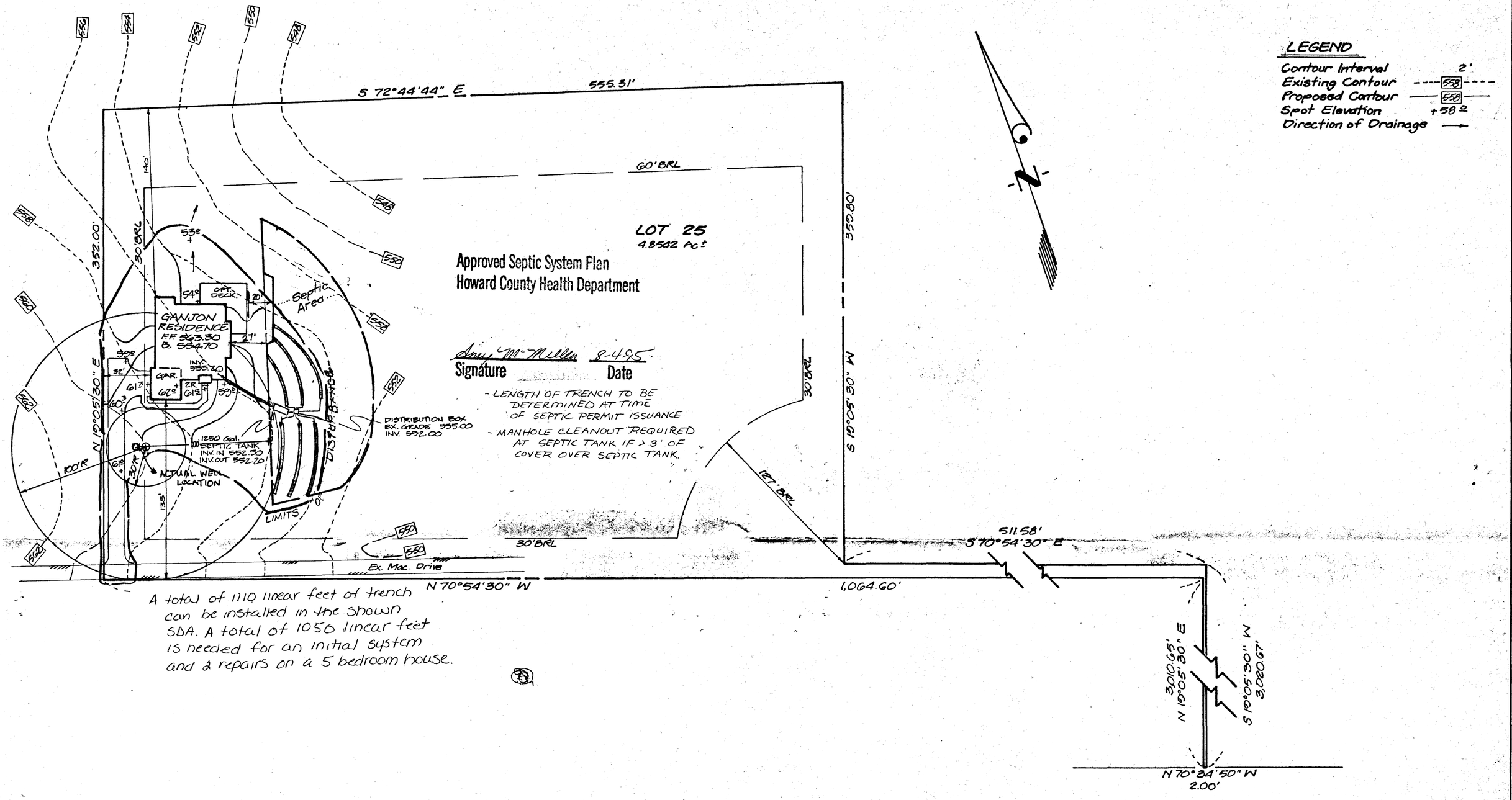
REMARKS 2:45 to 3/5/90 Tests [illegible] Comp. 3/5/90 Monday 3/2/90 No tests

TYPE OF SOIL Test per stake

TESTED BY C.B.S. ALSO PRESENT { See Front }

{ 10:00's nobody at site } (3/5/90 late P.M.)

EH-12-1079



A total of 1110 linear feet of trench can be installed in the shown SDA. A total of 1050 linear feet is needed for an initial system and a repairs on a 5 bedroom house.

GENERAL NOTES

1. Existing Topography was field run by Clark, Finefrock & Sackett, Inc. on 7-21-05.
2. Lenght of trenches to be determined at time of permit issuance.

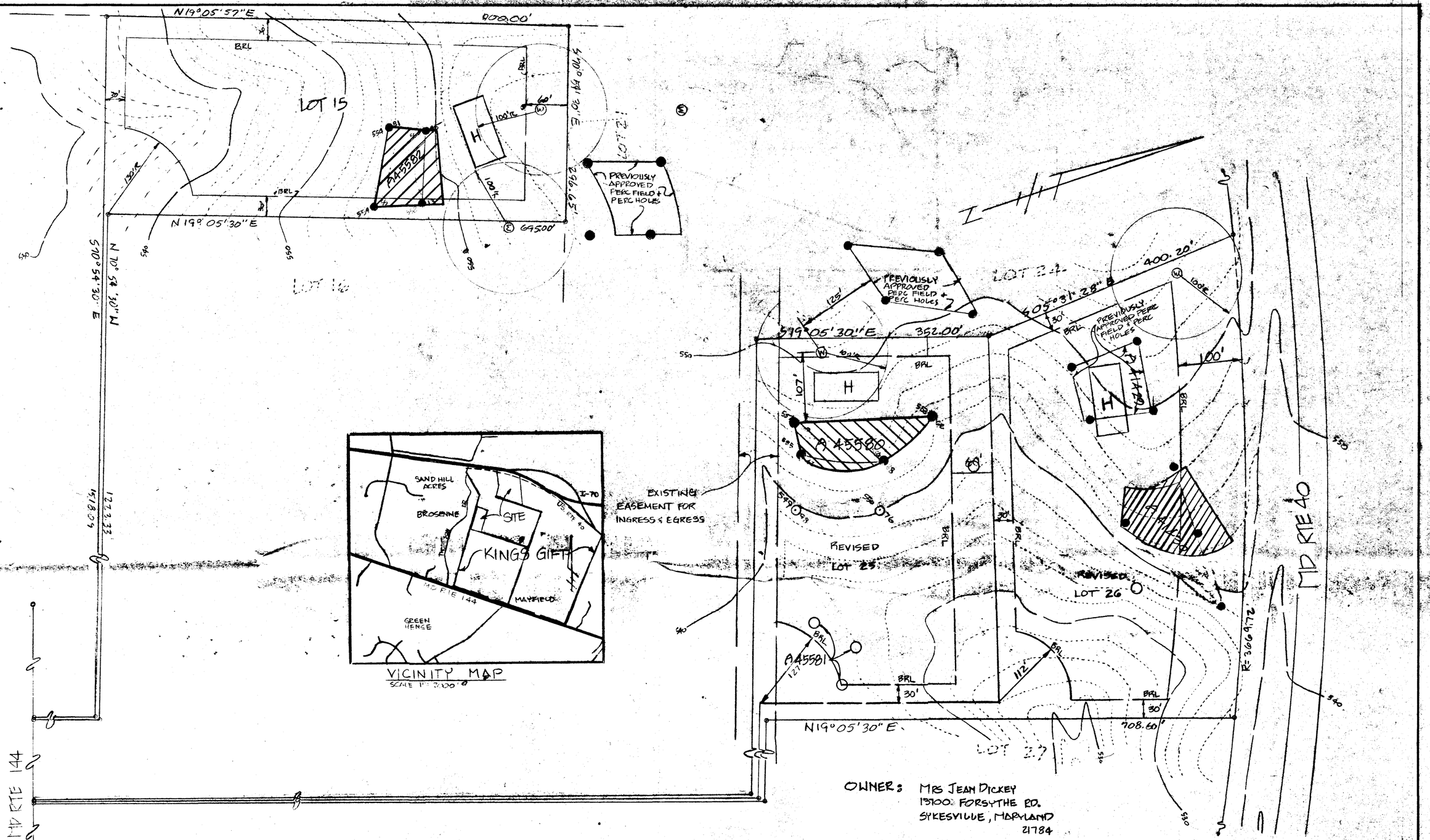
No.	REVISIONS	DATE
1	Re-locate location of house (move hse back 53')	8-3-05

Approved Building Permit Plan

BP61060

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 – BALTO. • (301) 621-8100 – WASH.

DESIGNED JME	SITE DEVELOPMENT PLAN LOT 25 KING'S GIFT 3RD ELECTION: DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=50'
DRAWN PS		DRAWING 1 of 1
CHECKED JME		JOB NO. 05-126
DATE 7-27-05	For: TRINITY BUILDERS, Inc. C212 De'on Drive Columbia, MD 21044	FILE NO. 05-126-X



OWNER: MRS JEAN DICKEY
13100 FORSYTHE RD.
SYKESVILLE, MARYLAND
21784

APPROVED: FOR PRIVATE WATER & PRIVATE SEWER SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER C.W. DATE 7/2/91

STATE OF MARYLAND — SCOTT SHANABERGER — REGISTERED PROFESSIONAL LAND SURVEYOR — NO. 10849

Scott Shanaberger 6/27/1990

© SCOTT SHANABERGER
PROFESSIONAL LAND SURVEYOR #10849 DATE

1. ▨ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 ☐' AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED THIS EASEMENT SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
2. THE LOT(S) SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE
3. B.R.L. DESIGNATES BUILDING RESTRICTION LINE
4. SUBJECT PROPERTY ZONED ' ' PER 8-2-85 COMPREHENSIVE ZONING PLAN
5. Ⓐ DESIGNATES PROPOSED WELL LOCATION
6. H DESIGNATES PROPOSED HOUSE LOCATION
7. ● DESIGNATES APPROVED FIELD LOCATED PERC TEST
8. O DESIGNATES UNSUCCESSFUL PERC TEST

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD
SUITE 106 & 107
ELLICOTT CITY, MARYLAND 21043
(301) 461-9563

FIELD LOCATED PERC TEST PLAT
KING'S GIFT
LOT 15, 25, + 26
3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=100'
DATE: 06/18/90.
REV. DATE: 6/28/91

Signed

87-147

C 1 **4550** (1 2 3 ... 6) SEQUENCE NO. (DENV USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 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 465580

ST/CO USE ONLY
DATE Received 1/2/14/94 (8 ... 13)

DATE WELL COMPLETED 09/30/94 (15 ... 20)

Depth of Well 450 (22 ... 26) (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0198 (28 ... 37)

OWNER Dickey Jean
STREET OR RFD 11950 Frederick Rd (last name / first name) TOWN West Friendship
SUBDIVISION King's Gift SECTION LOT 25

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	FEET TO	Check if water bearing
Overburden	0	30	
Brown Shale	30	57	
Granite	57	450	X
water was encountered at 170 & 410'			

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED yes [ ] no [N]

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. 399
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Paul M. [illegible]
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Allan Capata

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes [Y] (44) no [N] (44)
TYPE OF GROUTING MATERIAL
CEMENT [CM] (45 46) BENTONITE CLAY [BC]
NO. OF BAGS 25 NO. OF POUNDS 2500
GALLONS OF WATER 150
DEPTH OF GROUT SEAL (to nearest foot)
from 0 (48 TOP 52) ft. to 60 (54 BOTTOM 58) ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
[ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST (60 61)	6 (63 64)	60 (66 ... 70)

EACH CASING — OTHER CASING (if used)

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below
[ST] STEEL [BR] BRASS BRONZE [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

C 2 (1 2)

EACH SCREEN

	DEPTH (nearest ft.)		
1	HO (8 9)	60 (11 ... 15)	450 (17 ... 21)
2	(23 24)	(26 ... 30)	(32 ... 36)
3	(38 39)	(41 ... 45)	(47 ... 51)

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN (56 ... 60) (NEAREST INCH)

from ____ to ____
GRAVEL PACK
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)
T (70) TELESCOPE CASING
(E.R.O.S.) (72) LOG INDICATOR
W Q (74 75 76) OTHER DATA

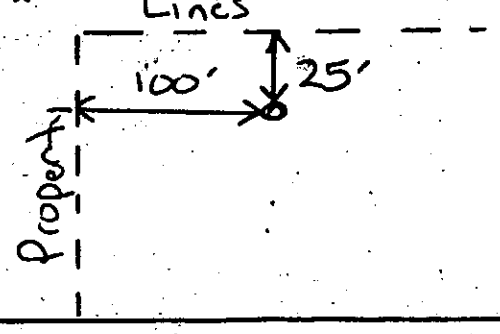
C 3 (1 2)

PUMPING TEST
HOURS PUMPED (nearest hour) 6 (8 9)
PUMPING RATE (gal. per min. to nearest gal.) 1 (11 ... 15)
METHOD USED TO MEASURE PUMPING RATE Submersible
WATER LEVEL (distance from land surface)
BEFORE PUMPING 170 (17 ... 20)
WHEN PUMPING 360 (22 ... 25)

TYPE OF PUMP USED (for test) (27)
- [A] air
- [P] piston
- [T] turbine
- [C] centrifugal
- [R] rotary
- [O] other (describe below)
- [J] jet
- [S] submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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: (29)
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 (-) below (48) LAND SURFACE (49) (50 51) (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)



COUNTY