

1/2/10/93
910 12:00
2/13

Tax ID - 03 - 315088

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49781

A 39073

DISTRICT 3rd

DATE 12/2/98

DATE SYSTEM APPROVED 1/11/99

INSPECTOR Am

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 313-2640

INDEXED

South Carroll Backhoe, Inc./Paul Schissler IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Amberwoods LOT 35 ROAD 12822 Amberwoods Way

PROPERTY OWNER Grayson Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS TOP SEAMED TANK

NUMBER OF BEDROOMS 4

220 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 220

TRENCHES - Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 285 feet down the left lot line and 115 feet off that lot line. First trench to follow contour toward rear lot line. Additional trenches to follow 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/CW

PLANS APPROVED BY C. Williams DATE 7/16/89

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

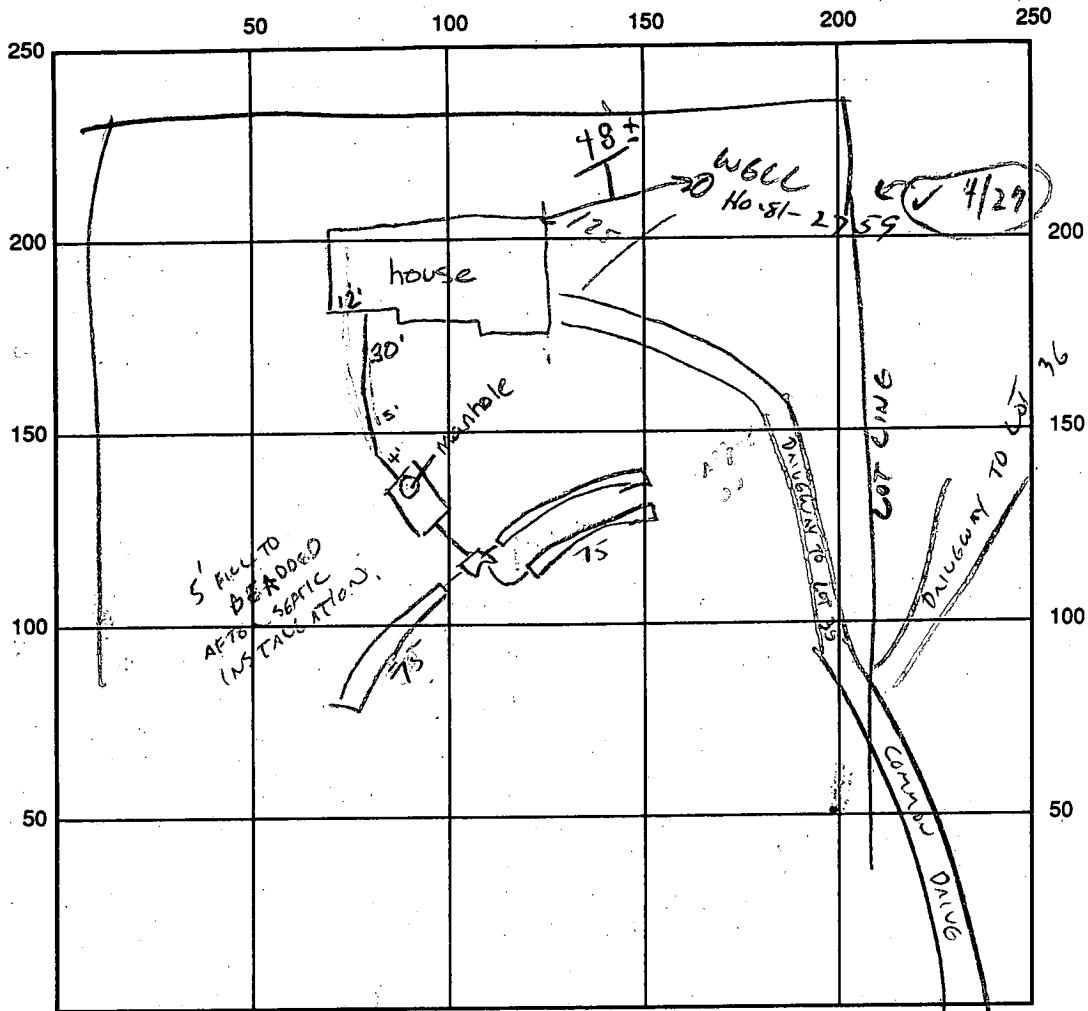
PERMIT VOID AFTER TWO YEARS

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 39073



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

AMBERWOOD WAY

SEPTIC TANK LEVEL 1500 G TOP SCAM CLEANOUTS manhole C.B. OK

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 225 FT.

NUMBER OF TRENCHES 3 @ 75' ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 12/10/93 OK to run both trenches toward right lot line - not enough room to run trenches in both directions. AEM

12/13/93 TRENCHES OK TO ADD GRAVEL. /// 12/13/93 TRENCHES OK TO COVER (CW)

- HOUSE CONNECTION + MANHOLE CLEANOUT REQ'D. 11/1/93 Manhole in place - house connection made. AEM

DATE SYSTEM APPROVED 1/11/94 INSPECTOR A. McMillen

APPLICATION

4/28/87
5/5/87

PERCOLATION TESTING

A 39073

P _____

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

DISTRICT 3

DATE 3/4/87

20-1-60

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 Richard Arrington Drayson Home, Inc.
461-5900

ADDRESS 1050 Sykesville Rd West Friendship MD PHONE 301-776-7454

PROSPECTIVE BUYER Amberwoods Limited Part.

ADDRESS 1420 Fenwick Lane Silver Spring MD PHONE 301-587-5455

PROPERTY LOCATION:

SUBDIVISION Amberwoods (5-87-42) LOT NO. 40 35

ROAD AND DESCRIPTION Rt 32 North of Rt 99
12822 Amberwoods Way - 21784

TAX MAP 9 PARCEL # 4

SIZE OF LOT 3.0 AC TYPE BLDG. Single Family
(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.

Sam Negallo
(SIGNATURE OF APPLICANT)

APPROVED BY C. Williams FOR _____ DATE 4/19/89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

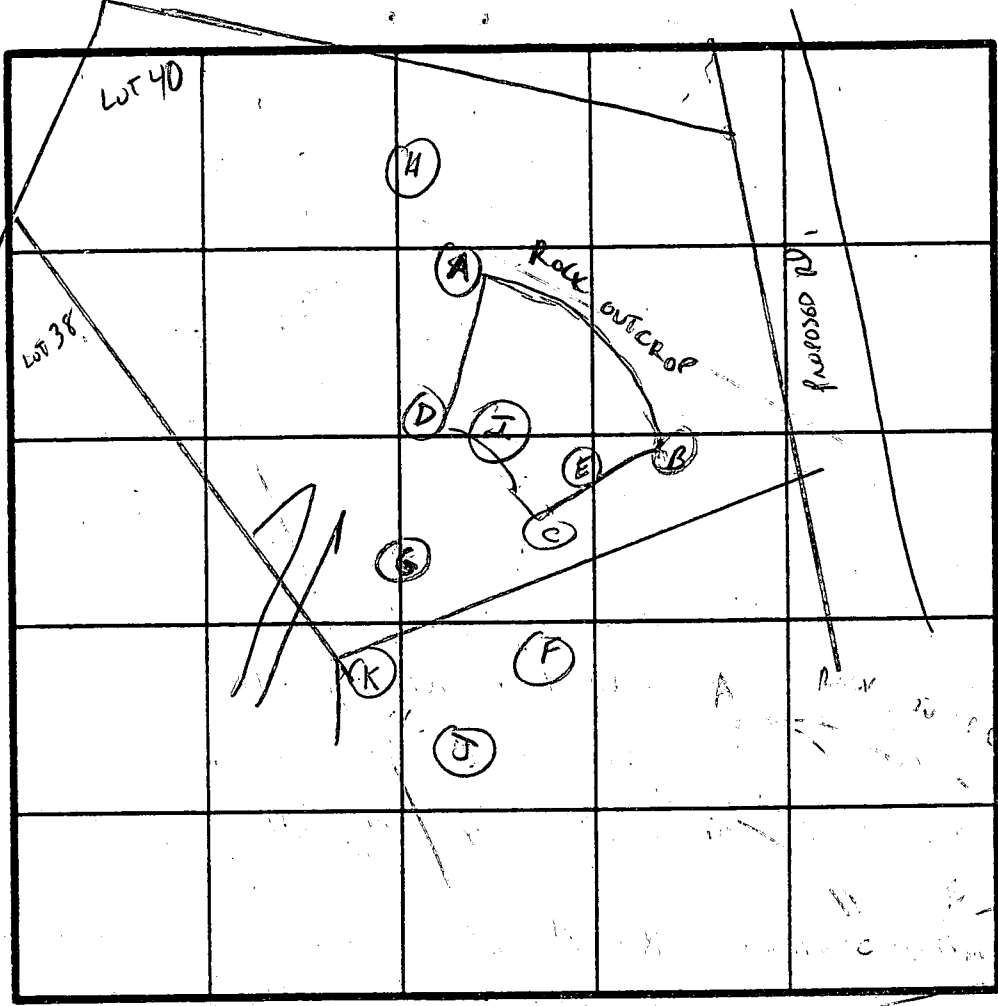
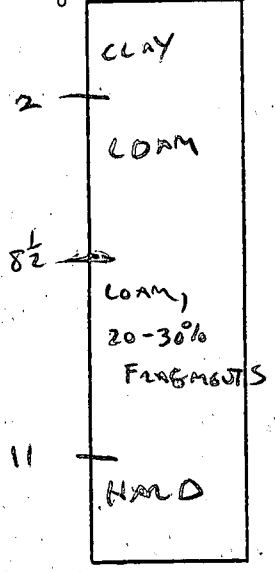
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT, SIGNED
AND RETURNED 11/24/89
Serial # 57593
SFD - 4 Dms

THIS IS NOT A PERMIT

A, F, G, J, K

SOIL PROFILE



- A - OK BUT ISOLATED FROM OTHER HOLES
- B - ROCK AT 2'
- C - NOT DUG
- D - ROCK AT 5'
- E - ROCK AT 4'
- H - ROCK AT 3'
- I - ROCK AT 2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/28/87	A	OK 2-7'	SURROUNDED BY UNACCEPTABLE HOLES					
	B, D, E, H, I	Rock 2-5'						
	C	NOT DUG						
	F							
	G							
5/5/87	J							
5/5/87	K							

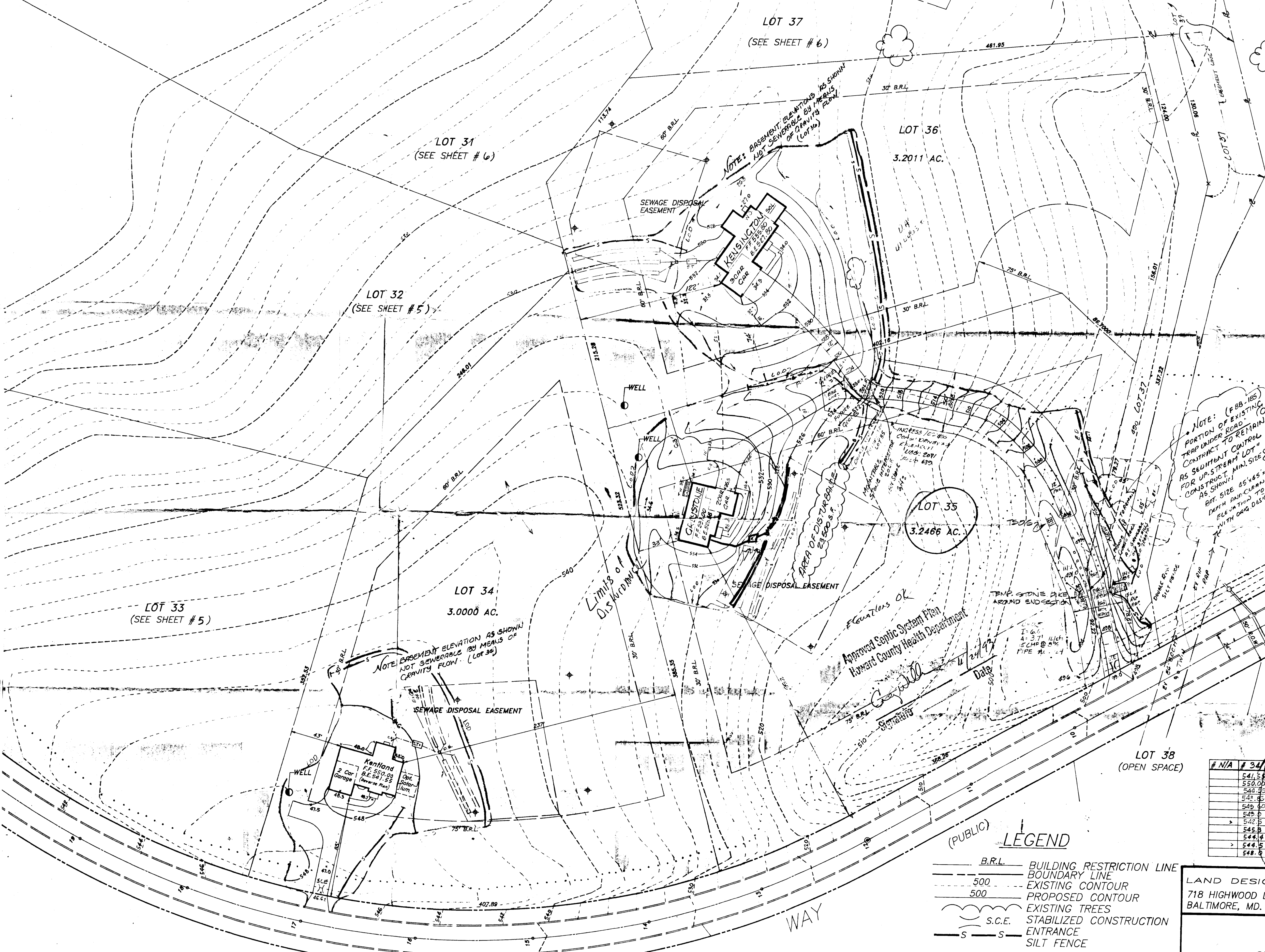
REMARKS POTENTIAL FOR SAND MOUNDS ON FAILED HOLES - NO CLAY LAYER

TYPE OF SOIL SAND LOAM / SANDSTONE

TESTED BY C. William ALSO PRESENT NEGBAHN

EH-12-1079

D. RICHARD ARRINGTON
174/131



DEVELOPER/BUILDER'S CERTIFICATE
I WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

Floyd Grason for Grason Homes, Inc. DATE

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS. THIS WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Ernest L. Peek, ASLA 11/19/99
LANDSCAPE ARCHITECT DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

HOWARD S.C.D. DATE

NOTE: (P. 88-185)
PORTION OF EXISTING LOT 38 TRAP UNDER ROAD AS CONTRACT TO RETAIN AS SEDIMENT CONTROL FOR UP-STREAM LOT AS SHOWN. MIN. SIZE 36" x 60" DEPTH 18" MIN. CLEARANCE ELEV. AT TRENCH TO CORNER WITH DRG. DESIGN.

NOTES:
THE CONTRACTOR SHALL REFER TO NOTES IN SHEET 11 OF 11 BEFORE BEGINNING CONSTRUCTION

NOTES:
MAXIMUM SLOPE OF SEWER PIPES: 1/4" / 1'
MINIMUM SLOPE OF SEWER PIPES: 1/8" / 1'
NO CONSTRUCTION TO IMPACT SEWAGE EASEMENT, INCLUDING DRIVEWAYS
TRENCH LENGTH TO BE DETERMINED BY HEALTH DEPT. AT LATER DATE

ELEVATIONS REQUIRED

#	N/A	# 34	# 35	# 36	LOT NUMBER
541.5		528.38	527.80		BASEMENT ELEVATION (if applicable)
550.00		532.00	535.80		FIRST FLOOR ELEVATION
540.25		526.68	531.00		INVERT OUT OF HOUSE
542.0		526.35	531.00		INVERT INTO SEPTIC TANK
542.0		526.10	530.75		INVERT INTO SEPTIC TANK
542.0		526.00	530.00		INVERT INTO DISTRIBUTION BOX (if applicable)
542.5		525.57	528.0		INVERT INTO TRENCH(S)
545.0		528.5	530.7		EXISTING GRADE AT SEPTIC TANK
544.4		527.0	531.0		EXISTING GRADE AT DISTRIBUTION BOX (if applicable)
544.5		527.5	531.0		EXISTING GRADE AT TRENCH(S)
548.0		536.5	535.8		ELEVATION OF WELL AT GRADE

- LEGEND**
- B.R.L. BUILDING RESTRICTION LINE
 - BOUNDARY LINE
 - 500 EXISTING CONTOUR
 - 500 PROPOSED CONTOUR
 - ~ EXISTING TREES
 - S.C.E. STABILIZED CONSTRUCTION ENTRANCE
 - S- SILT FENCE

- MINIMUM DISTANCES REQUIRED**
- HOUSE TO WELL: 30'
 - HOUSE TO SEWAGE EASEMENT: 20'
 - HOUSE TO SEPTIC TANK: 10'
 - WELL TO SEPTIC TANK OR SEWAGE EASEMENT: 100'
(OR AS APPROVED BY HEALTH DEPARTMENT)
 - WELL TO LOT LINES: 10'
 - WELL TO ROADS: 15'
 - SEWAGE EASEMENT TO LOT LINES: 10'

LAND DESIGN ASSOCIATES
718 HIGHWOOD DRIVE
BALTIMORE, MD. 21212 301-323-6344

OFFICE OF PLANNING & ZONING
P-87-59 S-87-42 VP-87-65
WP-89-107 WP-88-112

AMBERWOODS LOT 35 ONLY
SECTION ONE, PHASE ONE LOTS 34, 35 & 36
SITE DEVELOPMENT & SEDIMENT CONTROL
SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: GRAYSON HOMES INC.
9025 CHEVROLET DRIVE
ELLICOTT CITY MD. 21043

DESIGNED:
DRAWN: C.D.A.
CHECKED:

SCALE: 1"=40'
SHEET 4 OF 11
DATE: 11/17/99

LOT 5 (SEE SHEET # 3)
LOT 4 (SEE SHEET # 2)
LOT 3 (SEE SHEET # 2)

B 1 8540

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

10-81-2759 fill in this form completely

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

4/2/88 #3

please print or type

Date Received (APA)

052088

OWNER INFORMATION

KOREN DEVELOPMENT

8868 CENTRE PARK DR

COLUMBIA MD 21045

B 3

LOCATION OF WELL

HOWARD

AMBERWOODS

SECTION LOT 35

SYKESVILLE

MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION

George F. Easterday

40 License No. 80

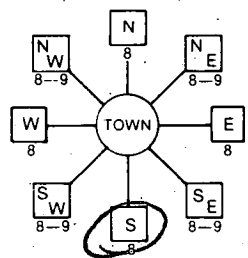
L. Franklin Easterday, Inc.

9265 Brown Church Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 5/20/88

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



AMBERWOODS WAY

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 350 FT

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Home (single or double household unit only)
Farming (livestock watering & agricultural irrigation)
Industrial, commercial, state and federal gov. other (requires appropriation permit)
Public or private water company (requires appropriation permit and state health department approval)
Test, observation, monitoring (may require appropriation permit)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A39073 COUNTY NO.

STATE SIGNATURE DATE ISSUED 052088 B Nulon 11/20/88

NORTH GRID 543000 EAST GRID 0811000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

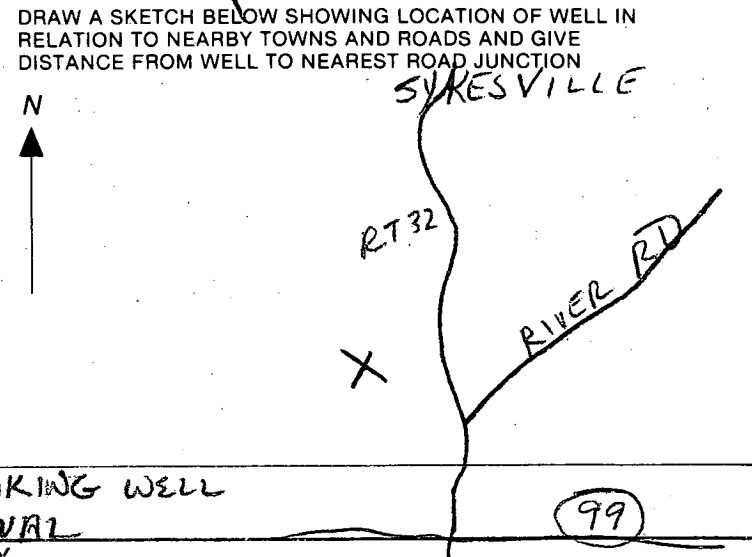
METHOD OF DRILLING (circle one)

- Bored (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary DRive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER 1 WELL
WRITE THE BOX NUMBER FROM THE MAP HERE
810 1
540 8



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT NO. 10-81-2759

SPECIAL CONDITIONS TO BE CONVERTED TO DRINKING WELL W/FINAL PLAT APPROVAL

C1 9543

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A 39073

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

06/28/88

22 20 26 (TO NEAREST FOOT)

40-21-2758

OWNER DENNIS LOPMANN

KOREN

STREET OR RFD AMBERWOODS WAY

TOWN SYKESVILLE

SUBDIVISION AMBERWOODS

SECTION

LOT 35

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

Table with 3 columns: Description, Feet (From/To), and Check if water bearing. Includes entries for Top Soil, Blue mica, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

casings types insert appropriate code below, MAIN CASING Nominal diameter, Total depth

OTHER CASING (if used)

diameter inch, depth (feet) from to

SCREEN RECORD

screen type or open hole, insert appropriate code below, STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER

DEPTH (nearest ft.)

Grid for depth of each screen

SLOT SIZE, DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED, CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT

LOCATION OF WELL ON LOT, SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS

- CIRCLE APPROPRIATE LETTER 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 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., DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

COUNTY