

9/22/94
AM
dl

Max ID - 050-411327

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50258

A 42242

DISTRICT 5th

DATE 9/8/94

DATE SYSTEM APPROVED 9/22/94

INSPECTOR C.B.W.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX-XXXX~~ 313-2640

INDEXED

Tom Lawson

IS PERMITTED TO INSTALL ALTER

ADDRESS 12698 Route 216, Highland, Maryland 20777 PHONE 410-531-6270

SUBDIVISION Adams Reach LOT 1 ROAD 5553 Broadwater Lane

PROPERTY OWNER Ronald & Susan Henry Hussein SALLAM

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 160 feet from the rear lot line and 120 feet from the right lot line as seen when facing the lot from Broadwater Lane. Run trenches on contour toward the rear of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 9/7/94 DCS

PLANS APPROVED BY Sid AbelRon Pinkley -Revised Date: 09/07/94 DATE 06/09/89

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.

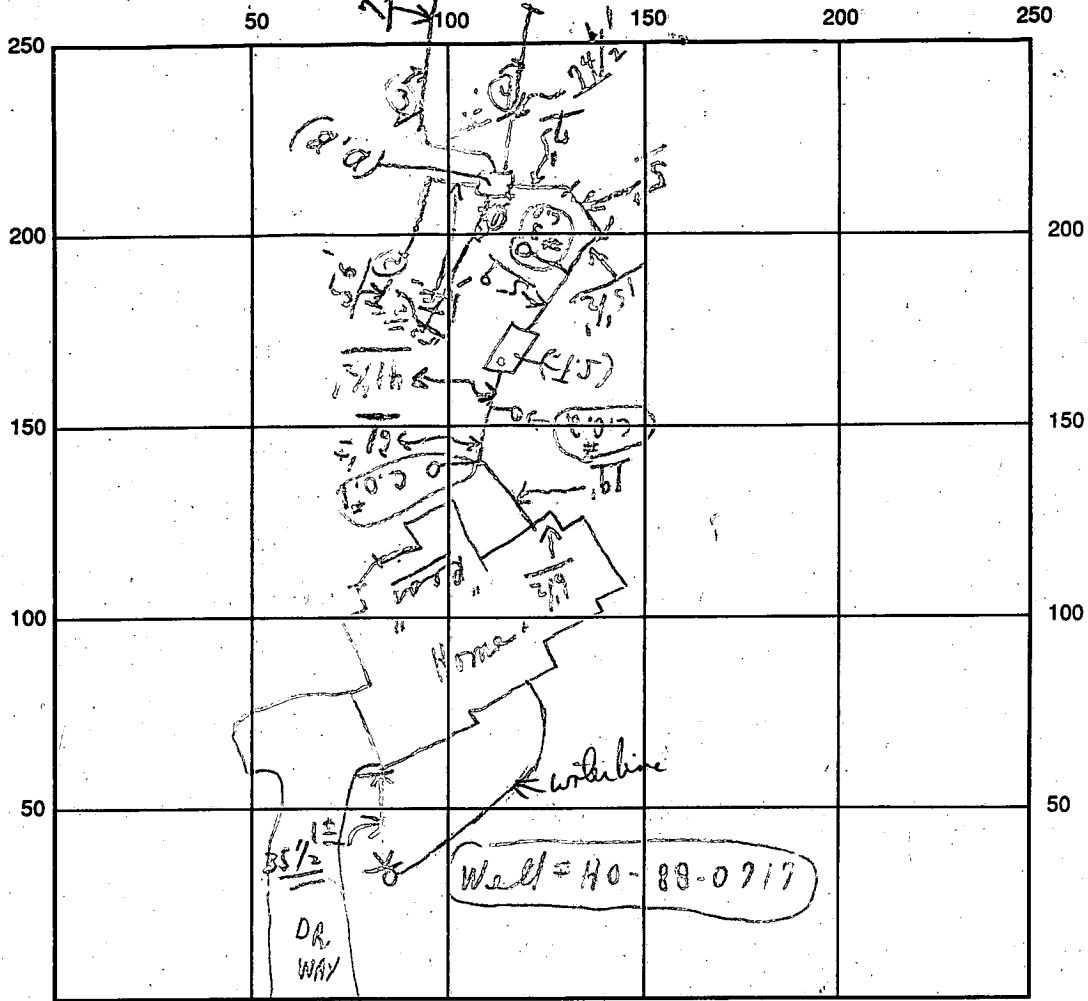
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 3/23/95
Serial # 58518-

propane tank

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

A
42242



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK BROADWATER LOVE S.T. / C.O.#1 / C.O.#2 / C.O.#3
CLEANOUTS OK / OK / OK / OK
DISTRIBUTION BOX LEVEL OK (Baffle in) as per spec
DRAIN FIELD/TITLE DEPTH 5 FT. ^{± average} TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.
EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 052 1/2' @ 56' @ 23' @ 71 1/2' = (256)
NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 768 SQ. FT.
DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
ABSORBENT AREA 768 SQ. FT.

REMARKS: (A.M.) 9/22/94 Final - ok to cover as finish; material
on sides to finish - O.S.T. & C.O.'s trenches with paper
and cement where needed; call (ONE IN RAIN)

9/22 No. W.P.I. C.B. WPI OK 12/2/94 RP
DATE SYSTEM APPROVED 9/22/94 INSPECTOR Charles E. Stecker

APPLICATION

PERCOLATION TESTING

A 422462
P _____

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

DISTRICT 571
DATE MAY 1988

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 Ronald + Susan Henry
~~BAC MP DEVELOPMENT LIMITED PARTNERSHIP~~

ADDRESS C/O M.P. ASSOCIATES
3901 NATIONAL DRIVE SUITE 100 PHONE 421-1700
BURTONSVILLE, MARYLAND 20866

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ADAMS REACH Sec 1 LOT NO. 2A Lot 1 Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TEA OAKS ROAD
(5553 Broadwater Lane)

TAX MAP 28 PARCEL # 240
SIZE OF LOT 3.6 AC. 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. PAK [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Abel FOR Standard Touch DATE 6-9-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-13-88 Per Satisfactory - Hold for plant. of Subcl. 2A

BLDG. PERMIT SIGNED
AND RETURNED 8/1/89
Serial # 57800 -
SFD - 4 Brn

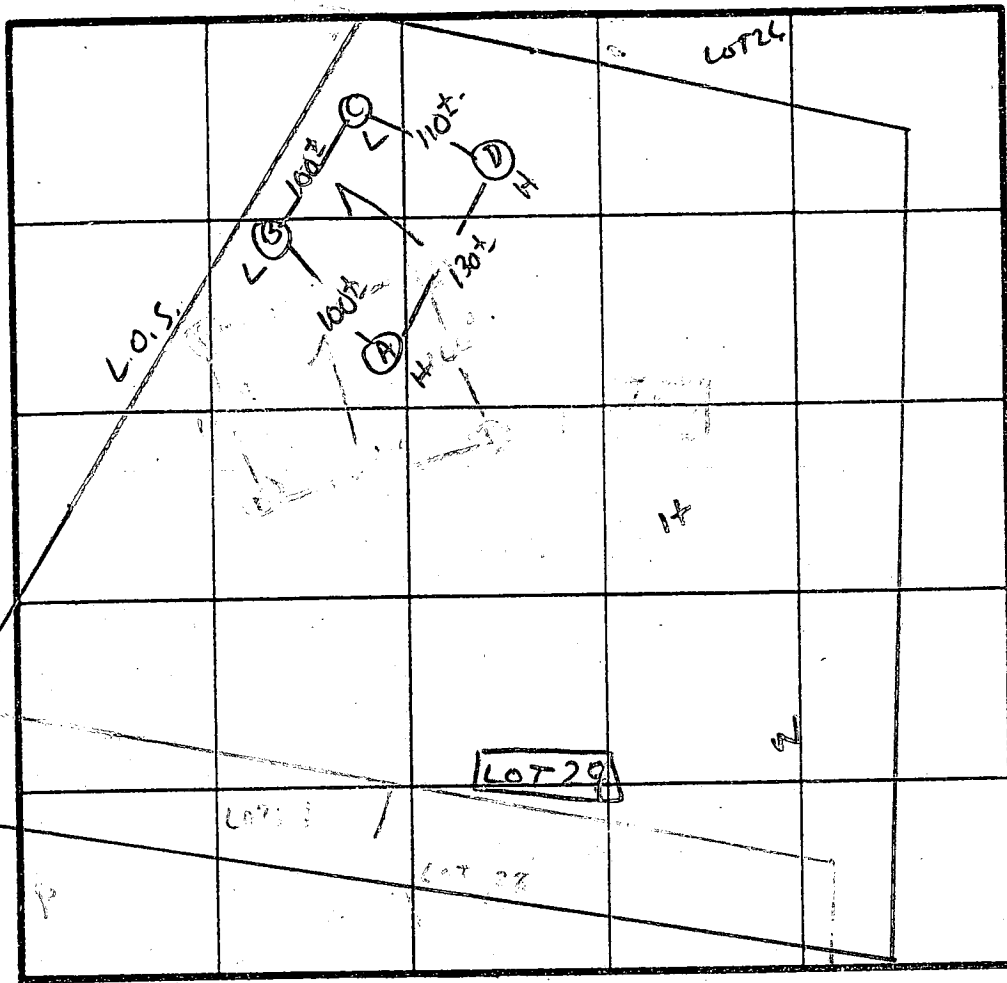
BLDG. PERMIT SIGNED
AND RETURNED 9/5/89
Serial # 28086
SFD - 4 Bedrooms

THIS IS NOT A PERMIT

A-42242

SOIL PROFILE

0"	AD
10"	Red yellow Silt clay Loam 10-15% FRAGS
3±	Yellow BR Silt loam Highly micaceous 10-15% COARSE FRAGS
12±	



PERC 4 min
180 Ø LBK
INLET 3.5
BOTTOM 3.5

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BROADWATER LA.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/13/88	AS	4.5"	8:21	8:25	8:25	8:31	6 min	
	AV	9"	8:19	8:20	8:20	8:22	2 min	
	AV	12.5"	UNIFORM soil below 3.0±					
	BS	3.0"	8:29	8:31	8:31	8:35	4 min	
	BS	12.0"	UNIFORM soil below 3.0±					
	CS	5.5"	8:35	8:36	8:36	8:39	3 min	
	CS	13"	CURRY TO N 4.5" uniform below					
	DV	12"	UNIFORM Soil below 3.0" BOTTOM HARD					

REMARKS: Holes APPROX TO PLANT/LANDSCAPE POSITION SUGGEST shallow Syst.

TYPE OF SOIL: Chester Loam

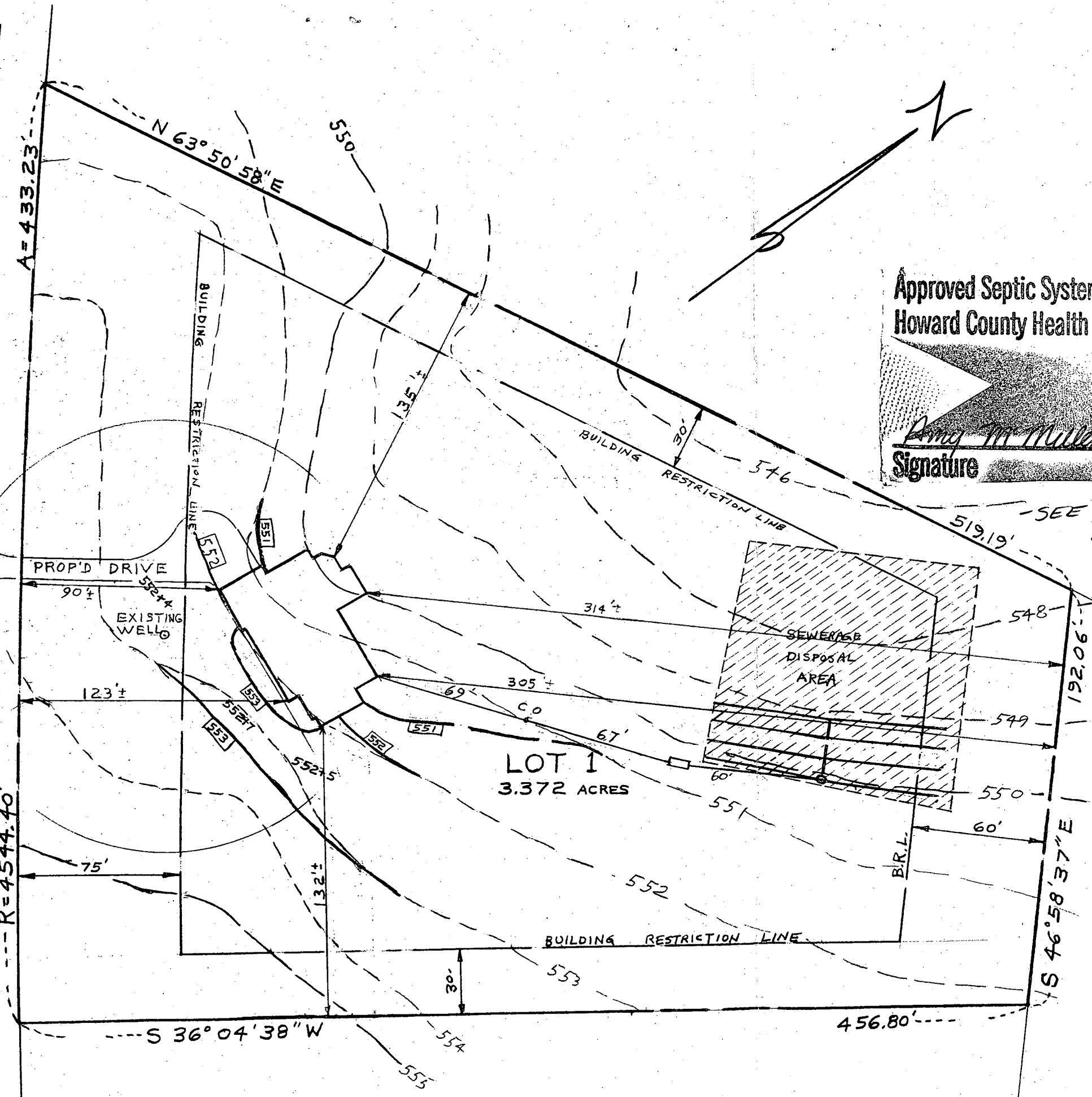
TESTED BY: S. Ahl

ALSO PRESENT: wepne
Fyock & Co.

MD. RTE. 32 (300'R/W)

LANE (60'R/W)

BROADWATER



Approved Septic System Plan
 Howard County Health Department

Ang M Miller 8/17/94
 Signature Date

SEE ENCLOSED LETTER

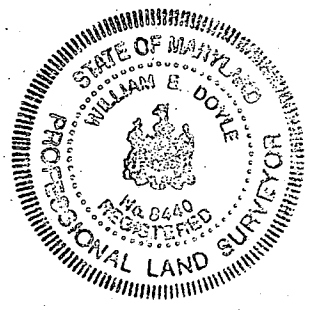
PLOT PLAN

BROADWATER LANE
 LIBER: 1821 FOLIO: 509
 LOT 1
 SECTION ONE
 ADAMS REACH
 PLAT NUMBER: 8749
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DRAWN: JUNE 20, 1994
 REVISED: JULY 29, 1994

NOTE:
 LENGTH OF TRENCH TO BE DETERMINED BY HEALTH DEPARTMENT AT TIME OF SEPTIC SYSTEM PERMIT APPROVAL

EXIST. GRN. AT DISTR. BOX	550.10
INV. IN DISTR. BOX	546.60
INV. OUT OF SEPTIC TANK	547.50
INV. INTO SEPTIC TANK	547.90
INV. OUT OF DWELLING	549.90
FIRST FLOOR ELEV.	558.50
CELLAR ELEV.	549.50
WELL ELEV.	553.40
NO. OF BEDROOMS	4
ACREAGE	3.372 ACRES



I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.
 signed *William E. Doyle*

B 1 9155

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-88-0717

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

please print or type

Date Received (APA)

05/17/89

OWNER INFORMATION

KOREN DEVELOPMENT

ONE CENTRE PARK DR

COLUMBIA MD 21045

DRILLER INFORMATION

George f. Easterday

L. Franklin Easterday, Inc.

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

George f. Easterday 5/4/89

B 3

LOCATION OF WELL R-44284

HOWARD

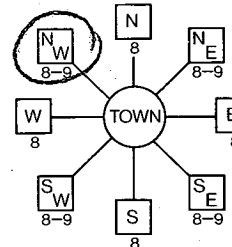
ADAMS REACH

CLARKSVILLE

MILES FROM TOWN

B 4

DIRECTION OF WELL FROM TOWN



BROADWATER LANE

ON WHICH SIDE OF ROAD



DISTANCE FROM ROAD 75

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
Public or private water company
Test, observation, monitoring

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A-42272

DATE ISSUED 06/12/89

CO SIGNATURE Sidney Abel 12-11-89

NORTH GRID 504000 EAST GRID 0809000

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

- This well will not replace an existing well
This well will replace a well that will be abandoned and sealed
This well will replace a well that will be used as a standby
This well will deepen an existing well

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED

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

APPROP. PERMIT NUMBER

FORCE SA PERMIT No. 40-88-0717

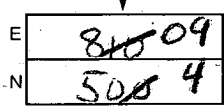
SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

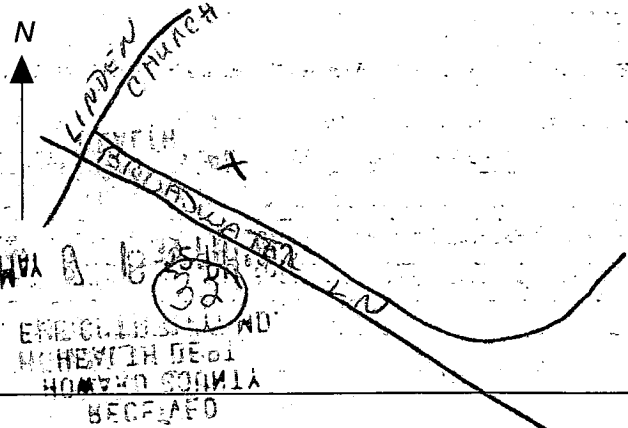
SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS



0041

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-72242

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

072489

400

40-87-0217

OWNER: KOREN DEVELOPMENT last name: BYLANDER first name: K. TOWN: CLARKVILLE SUBDIVISION: ADAMS REACH SECTION: 1 LOT: 1 (29)

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS, AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Top soil, clay, shale, Brown Mica, GRAY Mica, BROWN Mica, GRAY Mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS: 8 NO. OF POUNDS: 800 GALLONS OF WATER: 40 DEPTH OF GROUT SEAL: 24 ft.

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST Nominal diameter: 6 inch Total depth: 27 feet

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), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.) EACH SCREEN: 1: 25, 2: 400

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...

DRILLERS IDENT. NO. 44 DRILLERS SIGNATURE: Charles R. Foltz SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 (74, 75, 76) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST C 3 HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE: Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING: 26 WHEN PUMPING: 21.3 TYPE OF PUMP USED (for test): 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: 29 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) 2

