

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

DISTRICT 4th

DATE 7/5/94

DATE SYSTEM APPROVED 9/12/94

INSPECTOR DKS

William H. Smith, Jr.

IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 330, Forest Hill, Maryland 21050 PHONE 879-7641

SUBDIVISION Camden downs, Sec. 1 LOT 3 ROAD 15613 Thistle Downs Court

PROPERTY OWNER William G. Bastil William Bastie

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3 feet below original grade. 3.5 feet of stone below distribution pipe.

LOCATION - Starting from the left rear lot corner, place the distribution box 100 feet down the left (430.18') lot line and 15 feet off the same lot line as seen when facing the lot from Thistle Downs Court. Run trenches on contour toward the rear (299.96') and front (153.44') lot lines. MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/30/94 DKS

PLANS APPROVED BY Jane Nadeau/Raymond Hodges/Mark Rifkin REVISED DATE 12/07/93

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

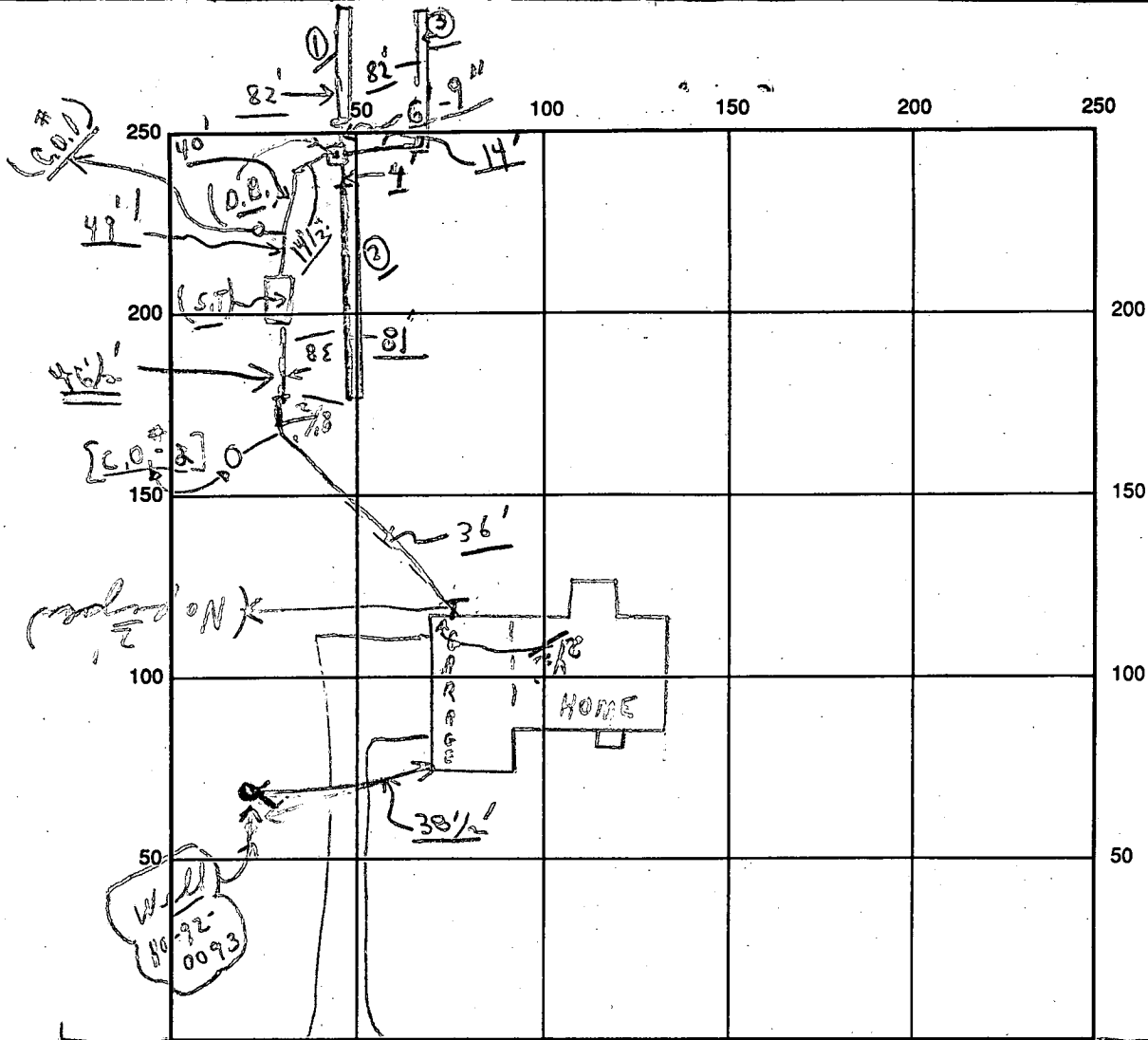
PERMIT VOID AFTER TWO YEARS

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 42804



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

THISTLE DOWNS COURT

SEPTIC TANK LEVEL OK CLEANOUTS OK / C.O. #1 OK / C.O. #2 OK

DISTRIBUTION BOX LEVEL OK (Baffle in)

DRAIN FIELD/TITLE DEPTH 7 1/2' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 3 1/2' FT. TOTAL LENGTH 82 FT. {245}

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 857 SQ. FT.

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

ABSORBENT AREA 857 SQ. FT.

REMARKS: 7/7/94 P.M. - Trenches 2' for stone; No house connection; ok to cover 2' from house to septic tank and from tank to dist box; ok to cover trenches #1 & (2) absent middle + ends; Trench #3 needs to be checked for depth + etc; C.O. #1; 7/7/94

(P.M. 7/7 - W.P.I. ok C.O. #1) Material on site to finish last trench

Final - ok to cover as per spec - Hand poured connection C.O.

DATE SYSTEM APPROVED 9/12/94 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

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

A 42804

P _____

DISTRICT 4

DATE 8/16/88

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 Carrie Lee Hutchins William Bastil

ADDRESS 830 Morgan Station Road, Woodbine 21797 PHONE 325-6354

PROSPECTIVE BUYER Potomac Development Company

ADDRESS 1015 Copperstone Ct., Rockville 20852 PHONE 424-6006

PROPERTY LOCATION:

SUBDIVISION Camden Downs LOT NO. 3 Prelim

ROAD AND DESCRIPTION Old Frederick Road and Morgan Station Road
(15613 Thistle Downs Court)

TAX MAP 8 PARCEL # 1

BLDG. PERMIT SIGNED
AND RETURNED _____

SIZE OF LOT 3.80 ACRES 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.

Gregory B. Powell
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-19-89 Pending perc hole locations and subdivision
plat approval, JENadeau

BLDG. PERMIT SIGNED
AND RETURNED 12/7/93
Serial # 51415
SFD - 4 Buns

THIS IS NOT A PERMIT

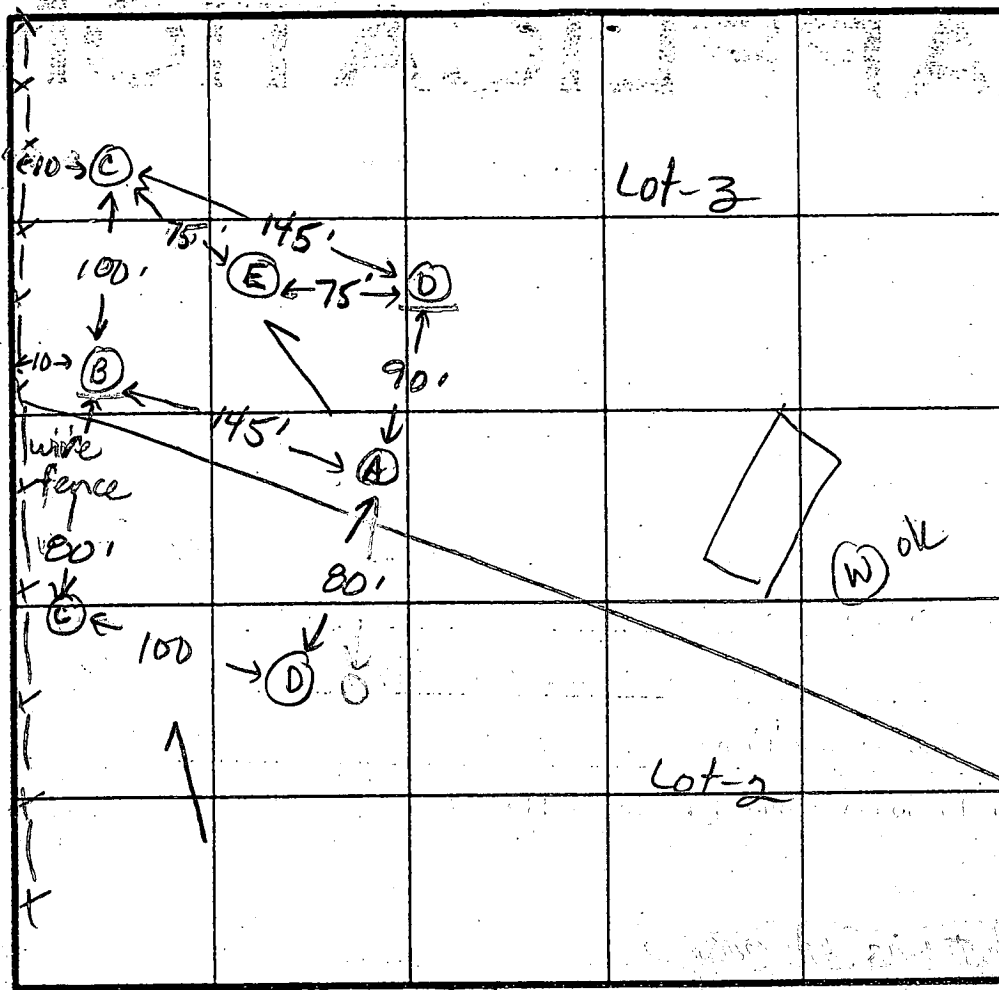
A 42804

(C) (B)
SOIL PROFILE

0-3.0 Br sil
lm
3-13.5 Br sa si
lm, some
broken
rocks
frag
435%
No
structure
visible
bottom
13.5

(D) (A) (E)

0-4 Br sil
lm
4-14.0 Br mica
sa si
lm, little
decomp
rock
<15%
slight
structure
at 11.5 ft
14.0' Bottom



Highest A
B
D
E
C
Lowest

Proposed Street A

8 = 8 min
Inlet = 3.0 ft
Bottom = 6.5
210 sq ft / bdr

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

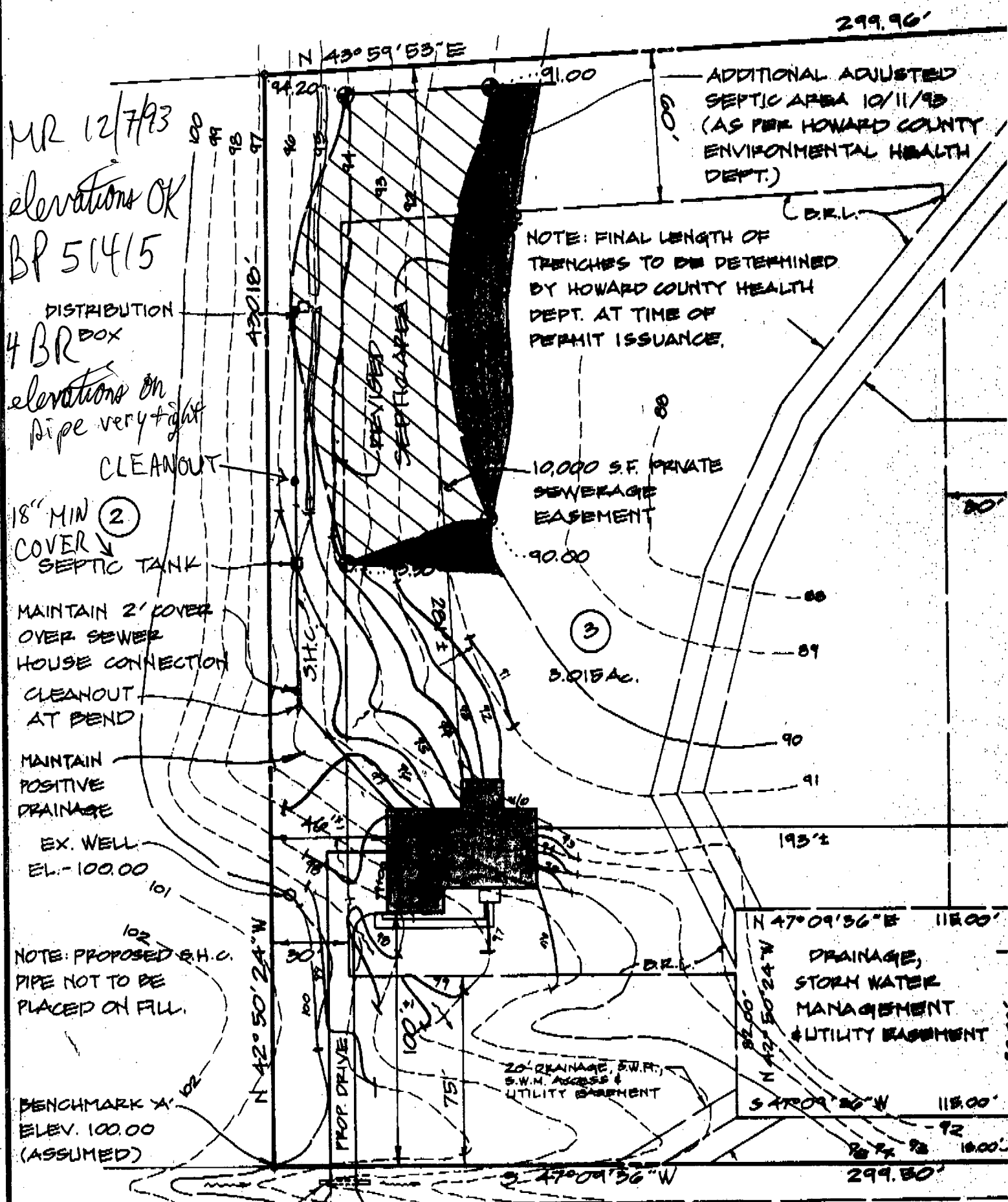
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-19-89	C	4.5 S	1:43	1:47	1:47	1:55	8 min
		13.5 D	Bottom	(see profile)			ok
	D	4.5 S	1:49	1:52	1:52	2:02	10 min
		14.0 D	Bottom	(slight structure at 11.5')			ok
	A	3.0 S	1:57	1:59	1:59	2:05	6 min
		6.5 M	1:57	1:59	1:59	2:05	6 min
	C →	11/24/89 - NO WATER AFTER 50/45					
		13.0 D	Bottom	(NO structure visible)			ok
	B	12.0 V	(slight structure at 10.5 ft)				ok
	E	11/24/89 - NO H ₂ O AFTER 50/45					
		14.5 V	Bottom	(see profile)			ok

REMARKS All holes as shown on plat except E.

TYPE OF SOIL 0-4 Br sil lm, 4-14 Br mica sa si lm, <35% rx

TESTED BY Jane E. Nadeau ALSO PRESENT Cecil, Kenny

NOTE: SITE GRADING - FILL NEEDED - 300 C.Y. OF CLEAN FILL MATERIAL NEEDED AT 15 G



SEPTIC SYSTEM ELEVATIONS:

INV. OUT OF HOUSE: 95.10
INV. INTO SEPTIC TANK: 93.80
INV. OUT OF SEPTIC TANK: 93.50
INV. INTO DIST. BOX: 92.50
INV. INTO TRENCH: 92.00
EX. GRADE @ DIST. BOX: 95.30
EX. GRADE @ TRENCH: 95.00
EX. GRADE @ SEPTIC TANK:

PROPOSED DWLG. ELEVATIONS:

FIRST FLOOR: 101.00
GARAGE: 99.00

I CERTIFY THAT THE ABOVE
MEASUREMENTS ARE ACTUAL AND

LOT
"CAP"

VITTI & ASSOC (252-5212)

C 1 6822 SEQUENCE NO. (DENY 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 TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER A42004

ST/CO USE ONLY

DATE Received

DATE WELL COMPLETED

8 13

062592

Depth of Well

22 205 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"
110-92-0093

OWNER Camden Downs Partnership

STREET OR RFD last name Thistle Downs first name

TOWN Lisbon

SUBDIVISION Camden Downs

SECTION

LOT 3

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearing

Top Soil 0 2
Brown Slate 2 40
Brown Slate 40 45
Blue Slate 45 50
Brown Slate 50 55
Blue Slate 55 205

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 15 NO. OF POUNDS 470

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 40 ft.
(Enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

PL 6 54 70

OTHER CASING (if used)

diameter depth (feet)
inch from toEACH
CASINGscreen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
HOLE
PL OT
PLASTIC OTHER

C 2

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 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 68OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
70 72 74 75 76TELESCOPE LOG OTHER DATA
CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 4

PUMPING RATE (gal. per min. to nearest gal.) 110

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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
(CIRCLE) (YES or 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
above below
(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)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
WELLI 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO. 273

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign of driller or journeyman
responsible for sitework if different from permittee)

COUNTY

B 1 1410 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HD-92-0093 fill in this form completely
Date Received (APA) 030492		B 3 LOCATION OF WELL	
OWNER INFORMATION CAMDEN DOWNS PART. 10805 HICKORY RIDGE COLUMBIA MD 21041		HOWARD CAMDEN DOWNS SECTION 3 LOT 3 LISBON MILES FROM TOWN (enter 0 if in town) 1 MI	
DRILLER INFORMATION Ralph MAYNE 223 77 License No. 80 Ralph MAYNE VED DRILLING 9120 Brown Church Rd. Mt Airy 2/22/92		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500		THISTLE DOWNS CT NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST SOUTH EAST DISTANCE FROM ROAD 110 ENTER FT or MI FT	
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) ☐ I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) ☐ P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) ☐ T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A42804 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED INSERT S 061592 June E. Maden 12-15-92 NORTH GRID 551000 EAST GRID 0703000	
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6" INCH		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 E 780 N 550	
METHOD OF DRILLING (circle one) BORED (or Augered) <u>JETTED</u> Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other		6/25/92 9230 LOC 54' CASING OK 40' + OPEN MR 15 BAGS 6/25/92 3' CASING A.B. GROUT OK, NOT OBS'D 000 VTA OK	
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 DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER HD-92-0093		FORCE 1 WRITE INITIALS IN BOX PERMIT No. HD-92-0093	
SPECIAL CONDITIONS Mike Larino 740-7100			