

9/22/93 ANYTHING

SEWAGE DISPOSAL SYSTEM

P 49606

A 42812

DISTRICT 4th

DATE 9/10/93

DATE SYSTEM APPROVED 9-22-93

INSPECTOR JEN

~~X461X013X~~ 313-2640

INDEXED

IS PERMITTED TO INSTALL X ALTER

SUBDIVISION Camden Downs LOT 10 ROAD 15622 Thistle Downs Court

ADDRESS _____

Builder: Davies Const. ⁴¹⁰⁻750-0007

Plumber: Mays P & H 410-923-0510

$$\begin{array}{r} 2180 \\ \underline{3} \\ 540 \end{array}$$

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

LOCATION - Place the distribution box 145 feet from the right (178.69') lot line and 100 feet from the front (202.58') lot line as seen when facing the lot from Thistle Downs Court. Run trenches on contour toward the rear (358.44') lot line.

NOTES - MAINTAIN A MINIMUM OF 100 FEET FROM THE WELL. No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK MR 7/22/93

PLANS APPROVED BY Jane Nadeau/Mark Rifkin REVISED DATE 06/08/90

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)

4/28/12 A

Howard County Health Department

To: File / Craig

Septic trenches moved downhill due to swale at rear of SDA. Appears swale runs through SDA. Unclear what portion of SDA remains at rear of lot.

From: _____

Date: JEN 9-23-93

HD-170 Discussed w/ Bldg 9-24-93.

APPLICATION

PERCOLATION TESTING

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

A 42812

P _____

DISTRICT 4th

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 Mr. and Mrs. William Faucette

ADDRESS 830 Morgan Station Road, Woodbine MD 21797 PHONE 301-776-2469

PROSPECTIVE BUYER Potomac Development Company

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

PROPERTY LOCATION:

SUBDIVISION Camden Downs LOT NO. 11 Prelim Lot 10

ROAD AND DESCRIPTION Old Judeville Road and Morgan Station Road

TAX MAP 8 PARCEL # 1

SIZE OF LOT 3.72 Acres TYPE BLDG. SFD (SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 7/6/93
Serial # 99243-SFD

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, limited house & well site, SHALLOW SYSTEM ONLY SEN

THIS IS NOT A PERMIT

A 42812

SOIL PROFILE

0-5 Br si
cl lm

5-14 Tan sa
si lm
<15%
decomp
rock
Bottom

14

(C)(B)

0-3.5 Br si
cl lm

3.5-13.5 Tan
sa si
lm
<10%
rx frag

13.5 Bottom
Tie structure 10.0'

(D)

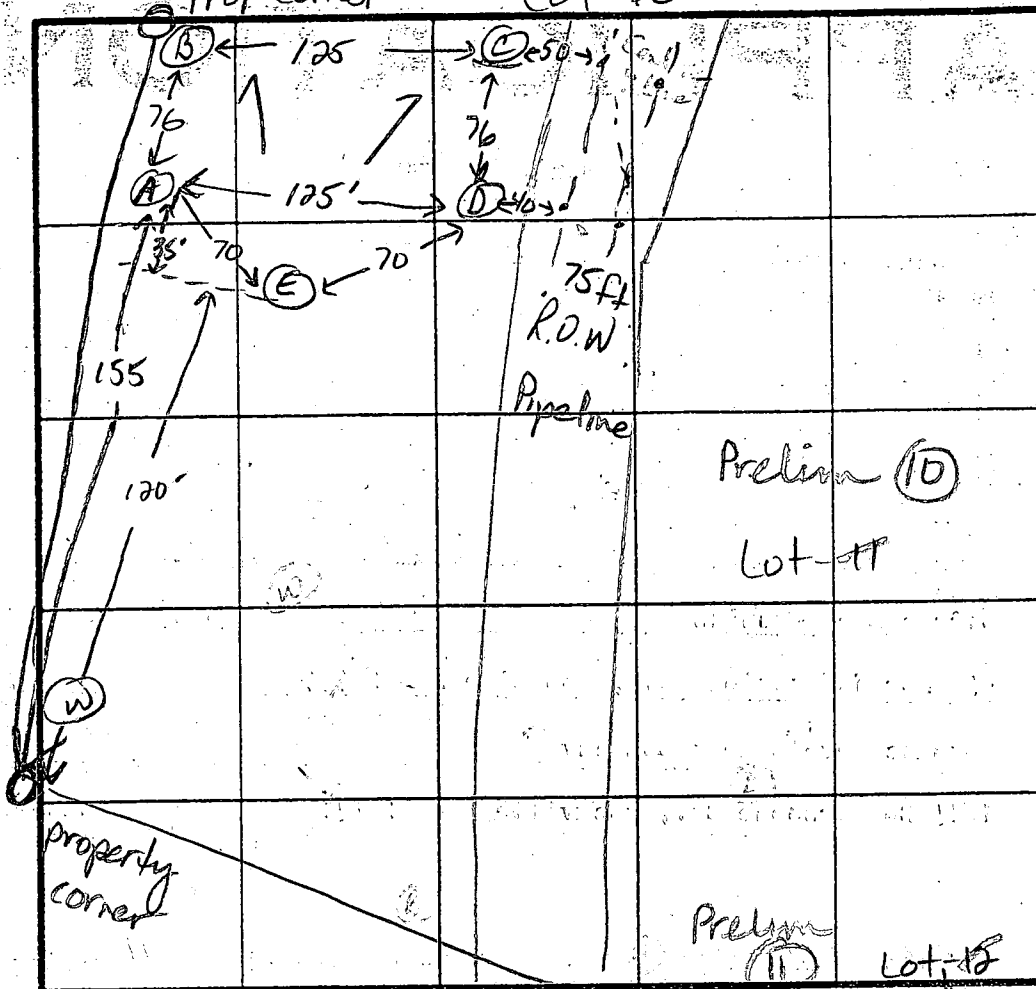
0-3.5 Rd-br
si cl lm

3.5-13.0 Tan sa
si lm
<20%
broken
rock
Bottom

13.0

Prop Corner

Lot-10 Prelim (9)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

To Old Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-18-89	C	5.0 S	10:06	10:10	10:10	10:16	6min
		13.5 D	Bottom (slight structural 10')				ok
	D	3.0 S	10:09	10:12	10:12	10:15	3min
		6.0 M	10:09	10:12	10:12	10:15	3min
		13.0 D	Bottom (see profile)				ok
	A	14.0 V	Bottom (see profile)				ok
		5.5 S	10:38	10:43	10:43	10:50	7min
	B	4.5 S	10:18	10:33	no movement		Failed
		13.0 D	Bottom (10% rx frags, no struct)				ok
✓	E	13.0 V	Bottom (see profile)				ok

(E)

0-3 Br si
lm

3-13 Br sa si
lm, some
broken
rock
<35%

Lot-13 Bottom

17

Highest E
D
A
C
Lowest B

SHALLOW ONLY
X = 5 min
Inlet = 3.5
Bottom = 5.5
180 sqft/bd/m

REMARKS

Holes as shown on plat except E. Limited house & well site.

TYPE OF SOIL

0-3.5 Rd-br si cl lm, 3.5-13.0 Tan sa si lm, <35% rock

TESTED BY

JB Nadeau

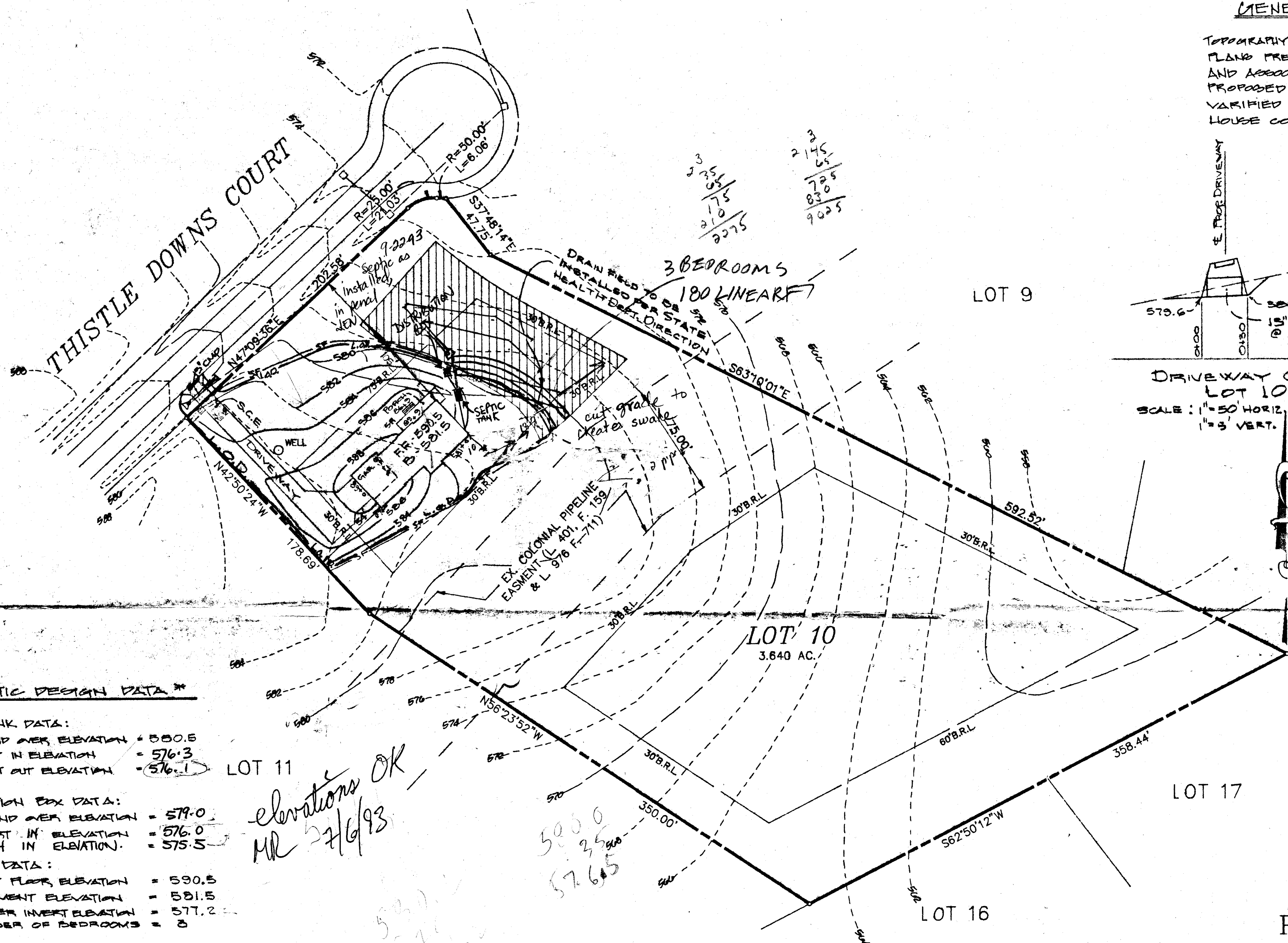
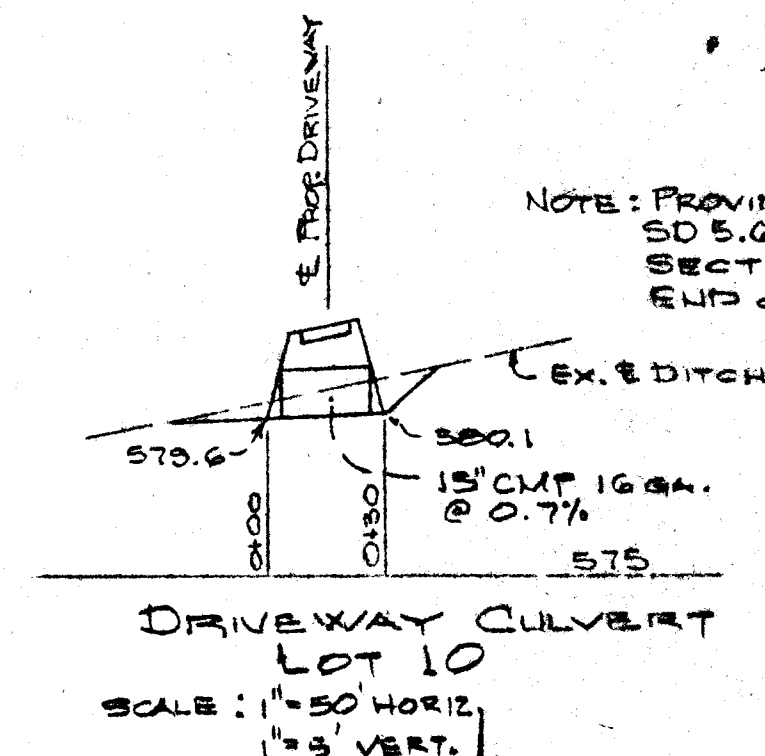
ALSO PRESENT

Cecio, Kennedy

GENERAL NOTES

TOPOGRAPHY SHOWN HEREON IS FROM PLANS PREPARED BY RIEMER MUEGGLE AND ASSOCIATES, ELEVATIONS IN THE PROPOSED HOUSE LOCATION SHOULD BE VERIFIED BY FIELD SURVEY PRIOR TO HOUSE CONSTRUCTION.

NOTE: PROVIDE HO. CO. STD. SD 5.61 METAL END SECTIONS AT EACH END OF CULVERT



SEPTIC DESIGN DATA *

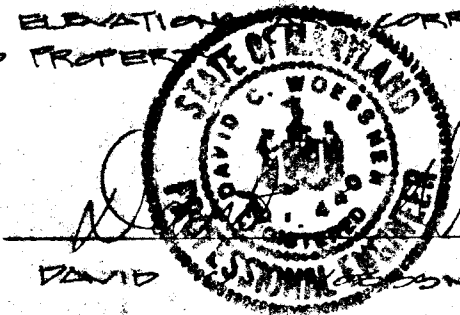
SEPTIC TANK DATA:
GROUND OVER ELEVATION = 580.5
INVERT IN ELEVATION = 576.3
INVERT OUT ELEVATION = 576.1

DISTRIBUTION BOX DATA:
GROUND OVER ELEVATION = 579.0
INVERT IN ELEVATION = 576.0
TRENCH IN ELEVATION = 575.5

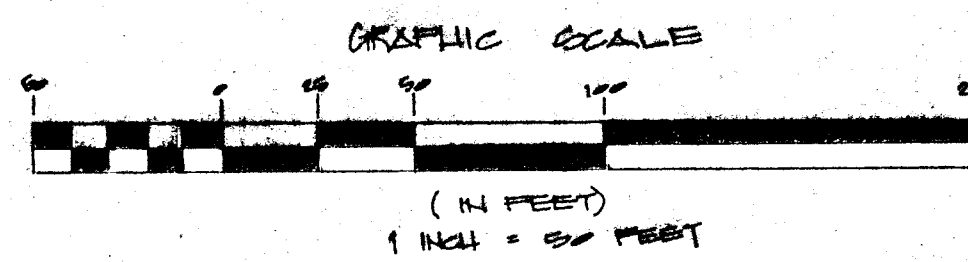
HOUSE DATA:
FIRST FLOOR ELEVATION = 590.5
BASEMENT ELEVATION = 581.5
SEWER INVERT ELEVATION = 577.2
NUMBER OF BEDROOMS = 3

SEDIMENT CONTROL LEGEND
LIMIT OF DISTURBANCE — L.O.D. —
SILT FENCE — SF —
STABILIZED CONSTRUCTION ENTRANCE — SCE —

I CERTIFY THAT ALL MEASUREMENTS AND ELEVATIONS ARE CORRECT FOR THIS PROJECT.



15" DIAMETER CULVERTS TO BE PLACED AT DRIVEWAY ENTRANCE PER STANDARD DETAIL R-6.00.



PLOT PLAN
LOT 10
CAMDEN DOWNS
SECTION 1, AREA 1
Fourth Election District
Howard County, Maryland.
SCALE: 1"= 50' AUG.1992

<p>OWNER / DEVELOPER</p> <p>CAMDEN DOWNS PARTNERSHIP 8307 MAIN STREET ELLICOTT CITY, MARYLAND 21043</p>	<p>PREPARED BY:</p> <p>AMERICAN ENGINEERING, INC.</p> <p>AE CIVIL ENGINEERING CONSULTANTS AND LAND PLANNER</p> <p>871-A MAIN STREET LAUREL, MARYLAND 20707</p> <p>BALT.(301) 880-3039 WASH.(301) 953-1221</p>	<p>DES: D.C.W.</p> <p>DRN: W.D.F.</p> <p>CHK: R.T.T. Jr.</p> <p>DATE: AUG.1992</p> <p>SHT. 1 OF 1</p>
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<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>B 1 9469</p> <p>SEQUENCE NO. (DP USE ONLY)</p> <p>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</p> </div> <div style="width: 50%; text-align: center;"> <p>STATE OF MARYLAND</p> <p>APPLICATION FOR PERMIT TO DRILL WELL</p> <p>please print or type</p> </div> <div style="width: 40%; text-align: right;"> <p>STATE PERMIT NUMBER</p> <p>HO-88-1390</p> <p>fill in this form completely</p> </div> </div>	<div style="display: flex;"> <div style="width: 45%;"> <p>OWNER INFORMATION</p> <p>Date Received (APA) 050790</p> <p>CAMDEN DOWNS PARTNER</p> <p>15 Last Name 8 13 34 First Name</p> <p>10805 HICKORY RIDGE RD</p> <p>36 Street or RFD 55</p> <p>Columbia MD 21044</p> <p>57 Town 70 State 72 Zip 76</p> </div> <div style="width: 55%;"> <p>LOCATION OF WELL</p> <p>HOWARD</p> <p>8 COUNTY 21</p> <p>CAMDEN DOWNS</p> <p>23 SUBDIVISION 42</p> <p>SECTION 1 LOT 10</p> <p>44 46 48 50</p> <p>LISBON</p> <p>52 NEAREST TOWN 71</p> <p>MILES FROM TOWN (enter 0 if in town) 2 MI</p> <p>73 76 77 78</p> </div> </div>
<p>DRILLER INFORMATION</p> <p>FRANK DELPH 453</p> <p>Driller's Name 77 License No. 80</p> <p>FRANK DELPH WELL DRILLERS INC</p> <p>Firm Name</p> <p>18234 PENN SHOP RD. MT AIRY MD</p> <p>Address</p> <p>Frank Delph 5-2-90</p> <p>Signature Date</p>	<p>B 3</p> <p>Thistle Downs Ct</p> <p>11 NEAR WHAT ROAD 30</p> <p>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</p> <p>NORTH W 32 E WEST EAST SOUTH</p> <p>34 50 37</p> <p>DISTANCE FROM ROAD</p> <p>ENTER FT or MI 47</p> <p>38 39</p>
<p>B 2</p> <p>WELL INFORMATION</p> <p>APPROX. PUMPING RATE (GAL. PER MIN.) 5</p> <p>8 12</p> <p>AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500</p> <p>14 20</p> <p>USE FOR WATER (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)</p> <p><input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)</p> <p><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)</p> <p><input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)</p> <p><input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)</p>	<p>B 4</p> <p>Howard</p> <p>COUNTY NAME</p> <p>STATE SIGNATURE Mark E. Elkin 12/6/90</p> <p>DATE ISSUED</p> <p>43 48 CO SIGNATURE</p> <p>NORTH GRID 551000 EAST GRID 0784000</p> <p>50 55 57 63</p> <p>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</p> <p>A-42812</p> <p>COUNTY NO.</p> <p>INSERT S <input type="checkbox"/></p>
<p>APPROXIMATE DEPTH OF WELL 200 FEET</p> <p>24 28</p> <p>APPROXIMATE DIAMETER OF WELL 6 INCH</p> <p>NEAREST</p> <p>METHOD OF DRILLING (circle one)</p> <p>BORED (or Augered) JETTED Jettied & DRIVEN</p> <p>30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)</p> <p>37 CABLE REVerse-ROTary Drive-POINT</p> <p>other _____</p>	<p>SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X</p> <p>SOURCES OF DRILLING WATER</p> <p>1. well</p> <p>2.</p> <p>3.</p> <p>WRITE THE BOX NUMBER FROM THE MAP HERE</p> <p>7444</p> <p>5521</p> <p>000 000</p> <p>DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION</p> <p>6/8/90 10:00 MR</p> <p>21' CASING 6/8/90</p> <p>18' OPEN</p> <p>5 BAGS</p> <p>1 1/2' CASING A.G.</p> <p>GROUT MOTORS'D</p> <p>Thistle Downs Ct</p> <p>Old Frederick Rd</p> <p>Maragon Station Rd</p>
<p>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</p> <p><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</p> <p><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</p> <p>39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY</p> <p><input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL</p> <p>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52</p> <p>Not to be filled in by driller (OEP USE ONLY)</p> <p>APPROX. PERMIT NUMBER _____</p> <p>54 63</p> <p>FORCE MR WRITE INITIALS IN BOX PERMIT No. HO-88-1390</p> <p>67 68 70 71 72 73 74 75 76 77 78 79</p> <p>SPECIAL CONDITIONS</p>	<p>COUNTY</p>

C1 1601 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-42512

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well:

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26
(TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER Camden Downs Partnership
STREET OR RFD Thistle Downs Ct last name first name TOWN Lismore
SUBDIVISION Camden Downs SECTION 12 LOT 10

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 Check if water bearing

DESCRIPTION (Use additional sheets if needed)	FEET	Check if water bearing
Top Soil	0 2	
Shale	2 10	
Brown Shale	10 18	
Blue Shale	18 40	
Brown Shale	40 45	✓
Blue Shale	45 60	
Brown Shale	60 65	✓
Blue Shale	65 110	
Brown Shale	110 120	✓
Blue Shale	120 165	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 3 NO. OF POUNDS 300

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot)
from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below
STEEL CONCRETE
PLASTIC OTHER

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

OTHER CASING (if used) diameter inch depth (feet) from to
EACH CASING

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

C2

DEPTH (nearest ft.)
EACH CASING
SCREEN

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)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 16

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 35

WHEN PUMPING 35

TYPE OF PUMP USED (for test)

A air P piston T turbine
C centrifugal R rotary O (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)

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. 453

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

COUNTY