

11/14/94  
3:00  
11/15/94  
11/17/94  
12 Noon  
11/18/94

Tax ID 04-351495

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

# INDEXED

P 50396

A 45193

DISTRICT 4th

DATE 11/18/94

DATE SYSTEM APPROVED 11/18/94

INSPECTOR [Signature]

### HOWARD COUNTY HEALTH DEPARTMENT

#### BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

Larry Tuck

IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE 551-8579

SUBDIVISION Camden Downs LOT 15 ROAD 15609 Camden Meadows Court

PROPERTY OWNER Knig Pelkey

ADDRESS \_\_\_\_\_ 410-442-5176

### BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1250 GALLONS

### AND RETURNED

NUMBER OF BEDROOMS 4 3-26-03 600 140 868 - Concrete Porch W/SHED

280 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 260 feet off the front (225.60') lot line and 110 feet off the right (592.05') lot line as seen when facing the lot from Camden Meadows Court. Run trenches on contour toward the right (592.05') and left (625.88') 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 8/30/94 OKS

PLANS APPROVED BY Jane E. Nadeau DATE 01/08/94

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

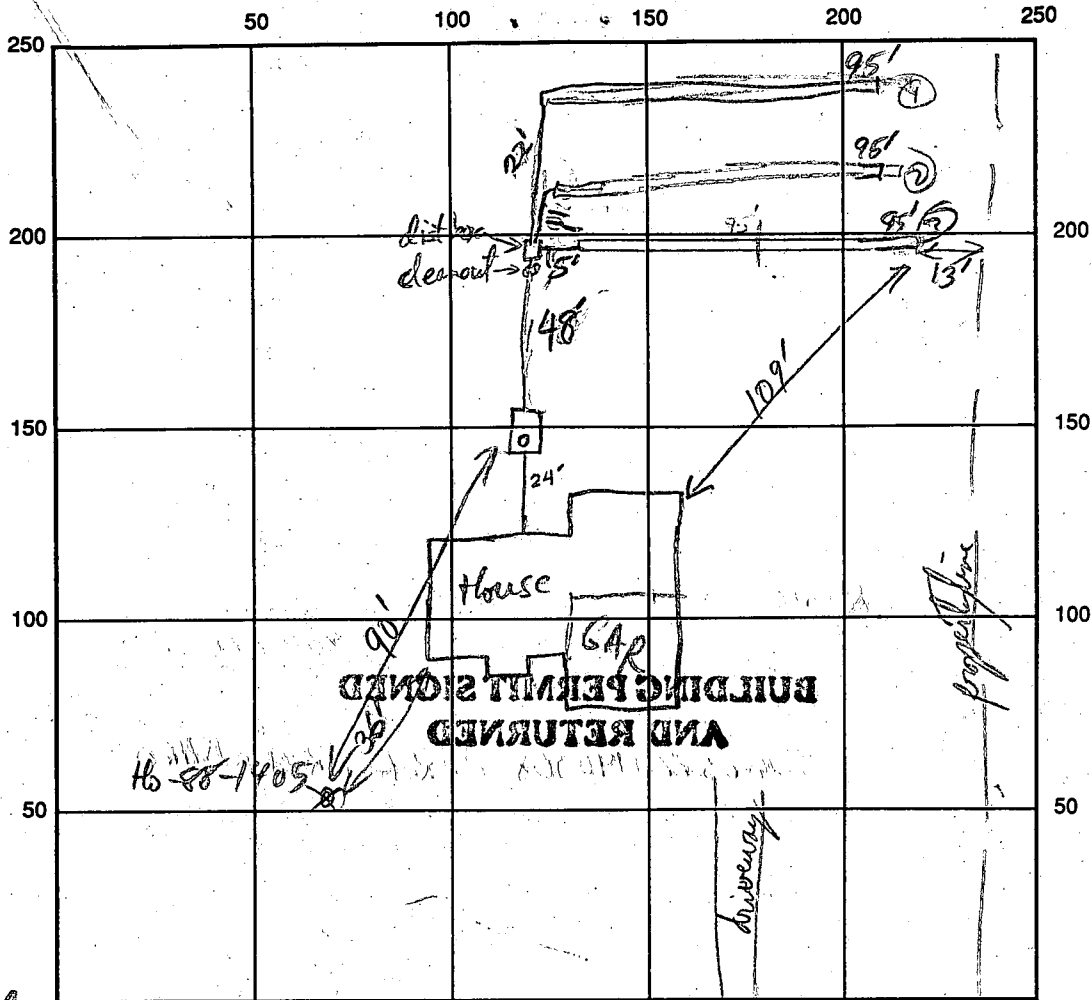
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**BLOG. PERMIT SIGNED**  
**AND RETURNED 6-25-98**  
Serial # B10112627  
deh

A 45193



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

*Corden Meadows Ct*

← To Route 99

SEPTIC TANK LEVEL 12500gal CLEANOUTS S.T. ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ① 95' ② 95' FT.

NUMBER OF TRENCHES 3 ~~ONE~~ SIDEWALL ~~BOTTOM~~ AREA 1060 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

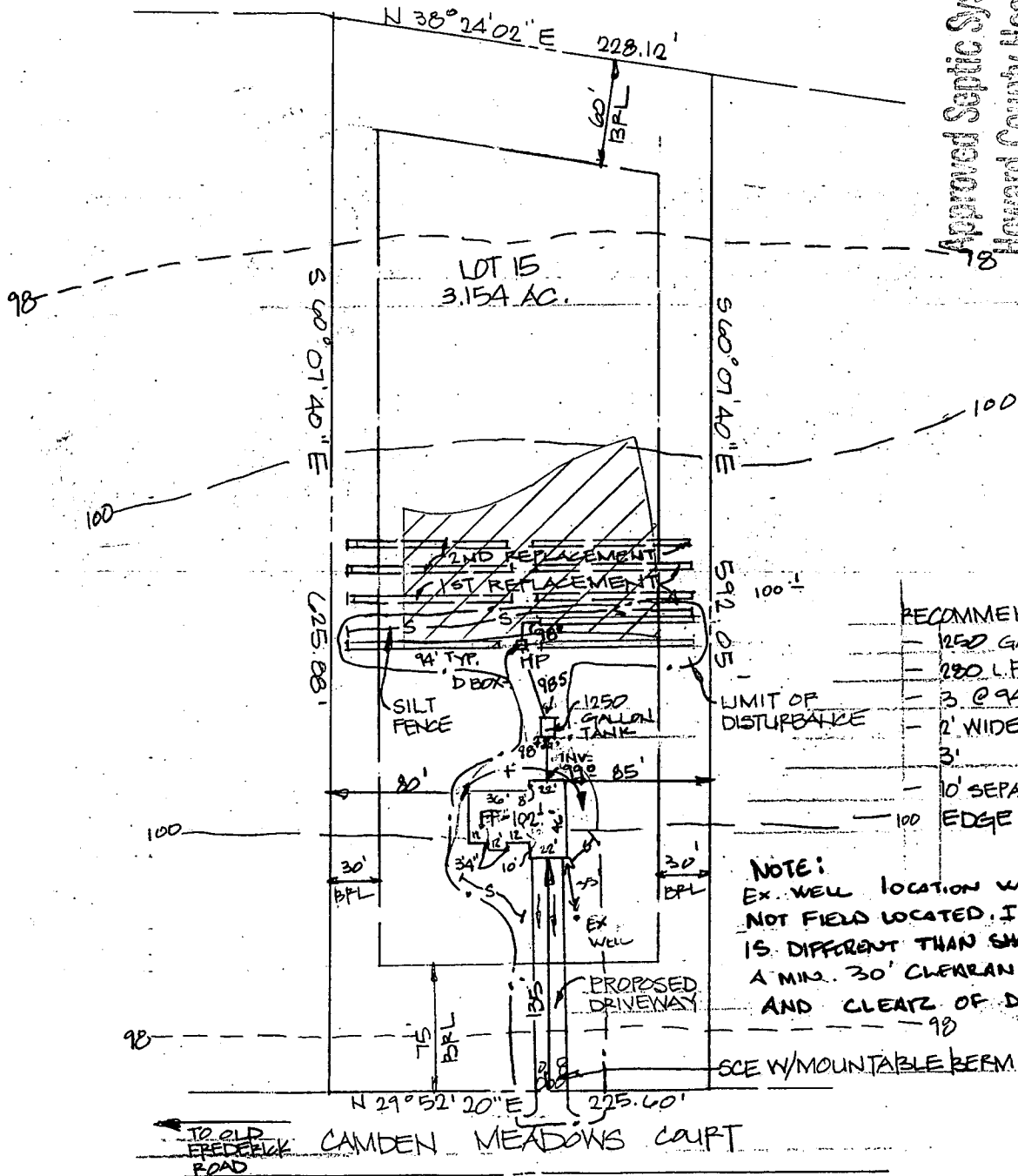
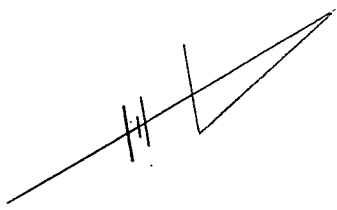
REMARKS: S.T. set OK and lat 40 ft of one trench in sand gravel fill - OK to continue RDP 11/14/94

11/15/94 House connection made. OK to cover first trench, cover (AM/PM) from house to d.b. and continue. DK5

11/17/94 OK to cover second trench and continue last trench. OK5

OK to cover system RDP 11/18/94

DATE SYSTEM APPROVED 11/18/94 INSPECTOR [Signature]



Approved Septic System Plan  
 Howard County Health Department

Signature: *Larry McMullan*  
 Date: 7/14/94

- RECOMMENDATIONS**
- 1250 GALLON TANK
  - 280 L.F. OF PIPE
  - 3 @ 94 L.F.
  - 2' WIDE, 7' DEEP, PIPE @ 3'
  - 10' SEPARATION EDGE TO EDGE

**NOTE:**  
 Ex. WELL LOCATION WAS NOT FIELD LOCATED. IF LOCATION IS DIFFERENT THAN SHOWN, MAINTAIN A MIN. 30' CLEARANCE FROM HOUSE AND CLEARZ OF DRIVE.

**PLAN**  
 SCALE: 1"=100'

PLOT PLAN  
 CAMDEN DOWNS  
 LOT 15

**TERRAIN INC.**

A LAND ENGINEERING & DEVELOPMENT COMPANY  
 P.O. BOX 6096  
 ANNAPOLIS, MD. 21401  
 THE WOODBRIDGE CENTER  
 2444 SOLOMONS ISLAND ROAD  
 SUITE 210  
 ANNAPOLIS, MD. 21401  
 (410) 266-1100  
 FAX (410) 266-6129



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*

November 28, 1994

Mrs. Alice Pelkey  
1938 Pometacom Drive  
Hanover, MD 21076

RE: SEPTIC SYSTEM INSTALLATION  
Camden Downs, Lot #15  
15609 Camden Meadows Ct.

Dear Mrs. Pelkey:

During septic system installation inspection on the above referenced property on November 15, 1994, it was observed that the septic tank was located roughly 90 feet from the well as opposed to the specified minimum separation of 100 feet.

Upon consideration of site conditions, the inspecting sanitarian made the determination to accept the installed location rather than to require that the tank be relocated.

In conversation with you this morning, it seemed that this arrangement might not be suitable to you. If you choose to have the tank relocated, please have your contractor notify this office for inspection.

If you should have any questions concerning to this matter, please feel free to contact me at 313-2640.

Very truly yours,

Craig Williams, Program Director  
Water & Sewerage Program

CW/at

Enclosure

cc: Mr. Kenneth Kramer  
Terrain  
Mr. Larry Tuck

# APPLICATION

45193

Fee Necessary A ~~42877~~

PERCOLATION TESTING

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

P \_\_\_\_\_  
DISTRICT 4th  
DATE 8/10/88

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 PAIKEY

ADDRESS 830 Morgan Station Road, Woodbine MD 21797 PHONE \_\_\_\_\_

PROSPECTIVE BUYER Potomac Development Company

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

PROPERTY LOCATION:  
SUBDIVISION Camden Downs LOT NO. 16

Prelim Lot - (5)

ROAD AND DESCRIPTION Old Frederick Road and Morgan Station Road  
(15609 Camden Meadows Court)

TAX MAP 8 PARCEL # 1

SIZE OF LOT 2.26 ACRES

BLDG. PERMIT SIGNED  
AND RETURNED 7/14/89  
Serial # 53707 - SFD  
TYPE BLDG. SFD 4 Bedroom  
(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 1-17-89 Pending perc hole locations and subdivision plat approval  
1-24-89 ADDITIONAL low holes on lot 15/16 TO EXPAND AREAS OK. RESULT OF LOT 15/16 MAKE 3 LOTS planned. Hold for PLAT before charging additional fees  
11/6/89

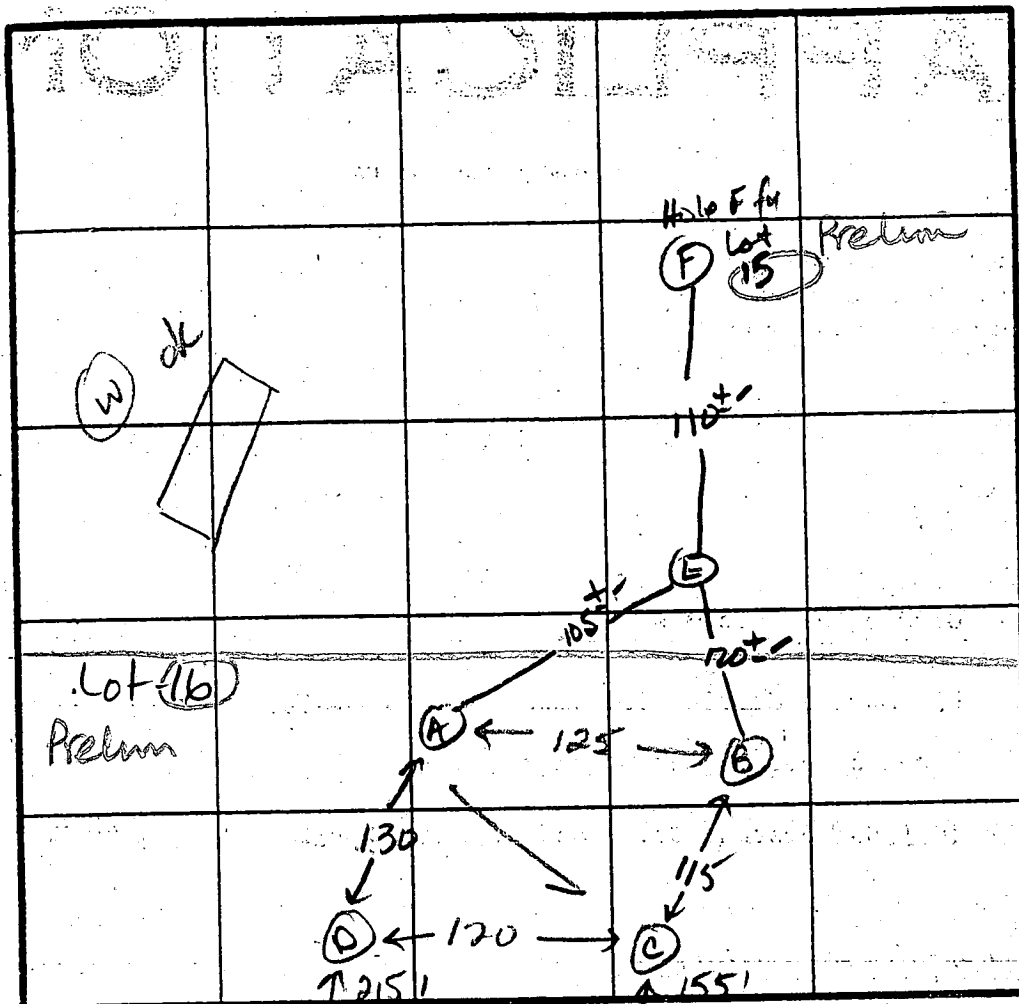
# THIS IS NOT A PERMIT



42817

SOIL PROFILE

0-4 Rd-br  
si cl  
lm  
4-13.5 Br sa  
si lm  
L 15%  
rx fragg  
13.5 Bottom



Highest A  
D  
B  
Lowest C

X = 17min  
Inlet = 6.0 ft  
Bottom = 9.5 ft  
240 sq ft / bdrm  
300

0-4.5 Yellow-br  
si cl lm  
4.5-13 Tan sa  
si lm  
trc of  
broken  
rx  
13.0 Bottom

0-5 Br si  
cl lm  
5-13.5 Tan sa  
si lm  
L 25%  
broken  
rx  
13.5 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-17-89	C	6.0 S	2:44	2:58	2:58	3:15	17min
		13.5 D	Bottom - dry				ok
		D	13.0 V	Bottom - dry			ok
		A	6.0 S	3:40	3:55	3:55	29min ok
		A	4.0 S	2:54	3:10	1/4 inch	slow Failed
			7.0 M	2:53	2:57	2:57	3:10 13min
			13.5 D	(Bottom - dry)			ok
		B	5.0 S	3:54	4:02	4:02	10min opposite side
		B	5.0 S	2:58	3:14	3/4 inch	slow Failed
			13.0 D	(Bottom - dry)			ok
1/24/89	Lot 15 → E	4.5 14"	11:49 5:11 a.m. to	12:00	12:00	12:28	28min
			Perfile C. Hole used to expand area to allow for extra work. SA				

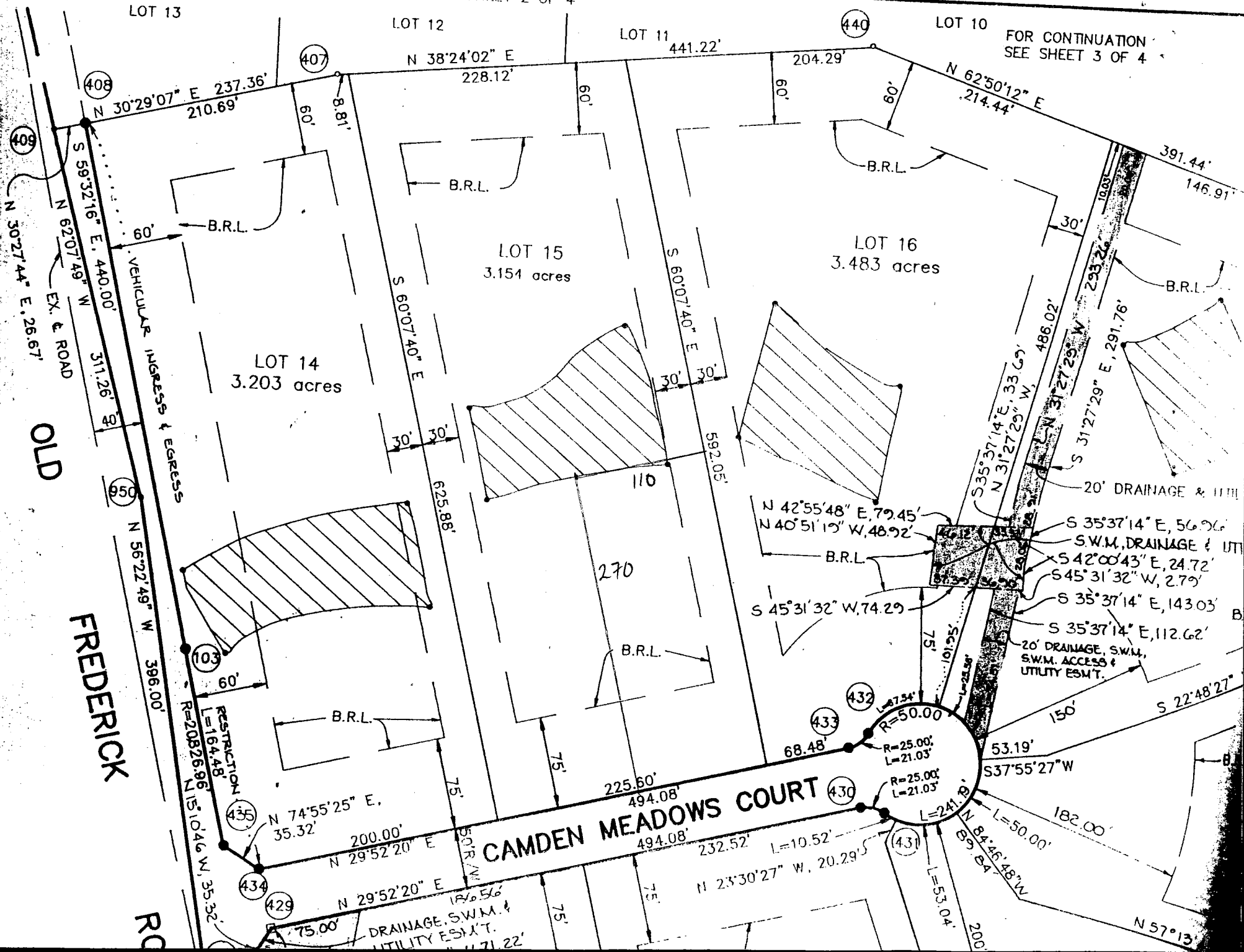
REMARKS Holes as shown on plat.  
 TYPE OF SOIL 0-6 Br si cl lm, 6-13.5 Tan sa si lm, L 25% rx  
 TESTED BY Jane E. Nadeau ALSO PRESENT Ceo, Kenny, Phil

EH 11-2-79



FOR CONTINUATION SEE SHEET 2 OF 4

FOR CONTINUATION SEE SHEET 3 OF 4



LOT 13

LOT 12

LOT 11

LOT 10

LOT 15  
3.154 acres

LOT 16  
3.483 acres

LOT 14  
3.203 acres

CAMDEN MEADOWS COURT

FREDERICK ROAD

OLD

ROAD

N 30°29'07" E 237.36'  
210.69'

N 38°24'02" E  
228.12'

441.22'

N 62°50'12" E  
214.44'

N 59°32'16" E, 440.00'  
N 62°07'49" W, 311.26'  
N 30°27'44" E, 26.67'

VEHICULAR INGRESS & EGRESS

S 60°07'40" E

S 60°07'40" E

N 31°27'29" W, 486.02'

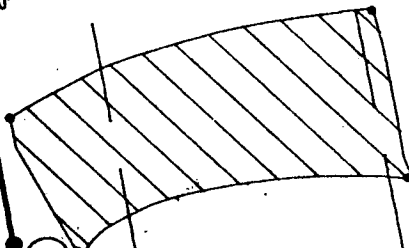
LOT 14  
3.203 acres

625.88'

110

N 42°55'48" E, 79.45'  
N 40°51'19" W, 48.92'

S 35°37'14" E, 56.92'  
S 42°00'43" E, 24.72'  
S 45°31'32" W, 2.79'



270

S 45°31'32" W, 74.29'

S 35°37'14" E, 143.03'  
S 35°37'14" E, 112.62'

N 74°55'25" E, 35.32'  
N 29°52'20" E, 200.00'  
N 15°04'6" W, 35.32'

N 29°52'20" E

225.60'  
494.08'

N 23°30'27" W, 20.29'

S 37°55'27" W

182.00'

N 57°13'

RESTRICTION  
L=164.48'  
R=205.26.96

R=50.00  
R=25.00, L=21.03'  
R=25.00, L=21.03'

DRAINAGE, S.W.M. & UTILITY ESMT.

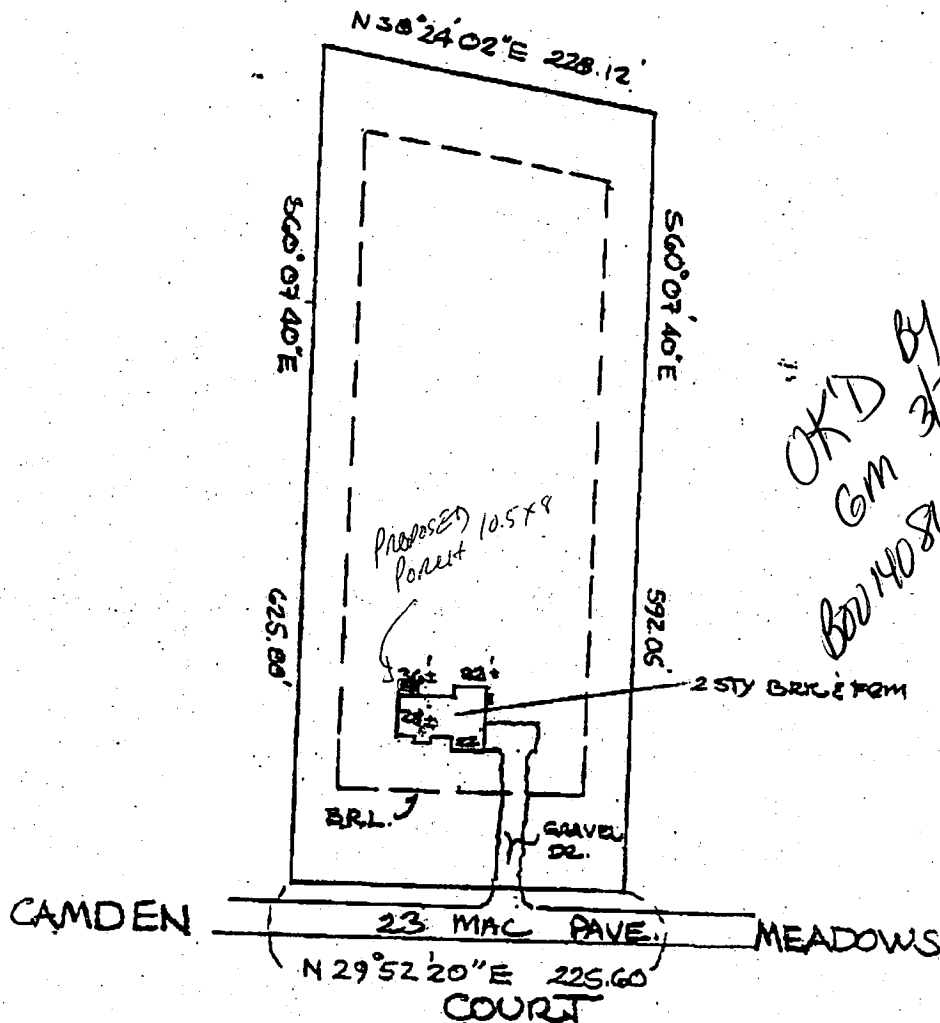
20' DRAINAGE, S.W.M., S.W.M. ACCESS & UTILITY ESMT.

20' DRAINAGE & UTIL



### HOPKINS ENGINEERING

18 BRIGHT STAR COURT  
BALTIMORE, MARYLAND 21206  
410-508-0142  
410-866-4933 (FAX)



#### LOCATION DRAWING

ADDRESS: 15609 CAMDEN MEADOWS COURT  
 COUNTY/CITY: HOWARD, CO.  
 PLATBOOK: PLAT. 9574 LIBER. 3296 FOLIO 478  
 DEED REF.:  
 SUBDM. NAME: CAMDEN DOWNS SEC 1

LOT No.: 15  
 FLOOD ZONE: C  
 SCALE: 1" = 100'

#### NOTES:

- 1) THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
- 2) THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
- 3) THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
- 4) THE OFFSET DIMENSIONS TO THE APPARENT PROPERTY LINES SHOWN HEREON REFLECT AN ACCURACY OF  $\pm 2'$ .



7-17-97

C 1 1606 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-45193

ST/CO USE ONLY DATE RECEIVED 050700 DATE WELL COMPLETED 071190 Depth of Well 2225 (TO NEAREST FOOT) PERMIT NO. HQ-88-1405

OWNER Camden Downs Partners last name first name TOWN Lisbon  
 STREET OR RFD SECTION 1 LOT 15  
 SUBDIVISION SECTION LOT

**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
	FROM	TO	
Top	0	2	
Shale	2	25	
Brown Slate	25	35	
Blue Slate	35	50	
Brown Slate	50	55	
Blue Slate	55	170	
Brown Slate	170	175	
Blue Slate	175	22	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle appropriate box) YES (Y) NO (N)  
 TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC)  
 NO. OF BAGS 5 NO. OF POUNDS 500  
 GALLONS OF WATER 44  
 DEPTH OF GROUT SEAL (to nearest foot) from 1 ft. to 3 ft.

**CASING RECORD**  
 casing types insert appropriate code below  
 MAIN CASING TYPE FL Nominal diameter top (main) casing (nearest inch) 1 Total depth of main casing (nearest foot) 37  
 OTHER CASING (if used) diameter inch depth (feet) from to

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 SCREEN TYPE ST BR HO PL OT  
 STEEL BRASS OPEN HOLE PLASTIC OTHER  
 DEPTH (nearest ft.) 11 18 7

**SCREEN RECORD**  
 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

**C 3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) 3  
 PUMPING RATE (gal. per min. to nearest gal.) 5  
 METHOD USED TO MEASURE PUMPING RATE Bucket  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 35 WHEN PUMPING 70  
 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  
 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)

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

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

