

TOY ID 04-351363

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

INDEXED

P 49532

A 42805

DISTRICT 4th

DATE 08/16/93

DATE SYSTEM APPROVED 10/5/93

INSPECTOR C. Bell

Edward D. Taylor

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 10701 Harding Road, Laurel, Maryland 20723

PHONE 301-776-5123

SUBDIVISION Camden Downs, Sec. 1 LOT 4 ROAD 15619 Thistle Downs Court

(21787)

PROPERTY OWNER Edward D. Taylor James Mosen

BUILDING PERMIT SIGNED

ADDRESS

SEPTIC TANK CAPACITY 1240 GALLONS

(on larger)

AND RETURNED 8-18-04 60149906- ROLZ BARN

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

4=(20)' { 1 site across rear of home!!
Mr. Weber 9/30/93 }

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 160 feet down the left (446.72') lot line and 130 feet off the same lot line, beginning from the rear left lot corner, as seen when facing the lot from Thistle Downs Court. Run trenches on contour in both directions. 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/MR 8/17/93

PLANS APPROVED BY Jane Nadeau/Mark Rifkin

REVISED DATE 05/16/90

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

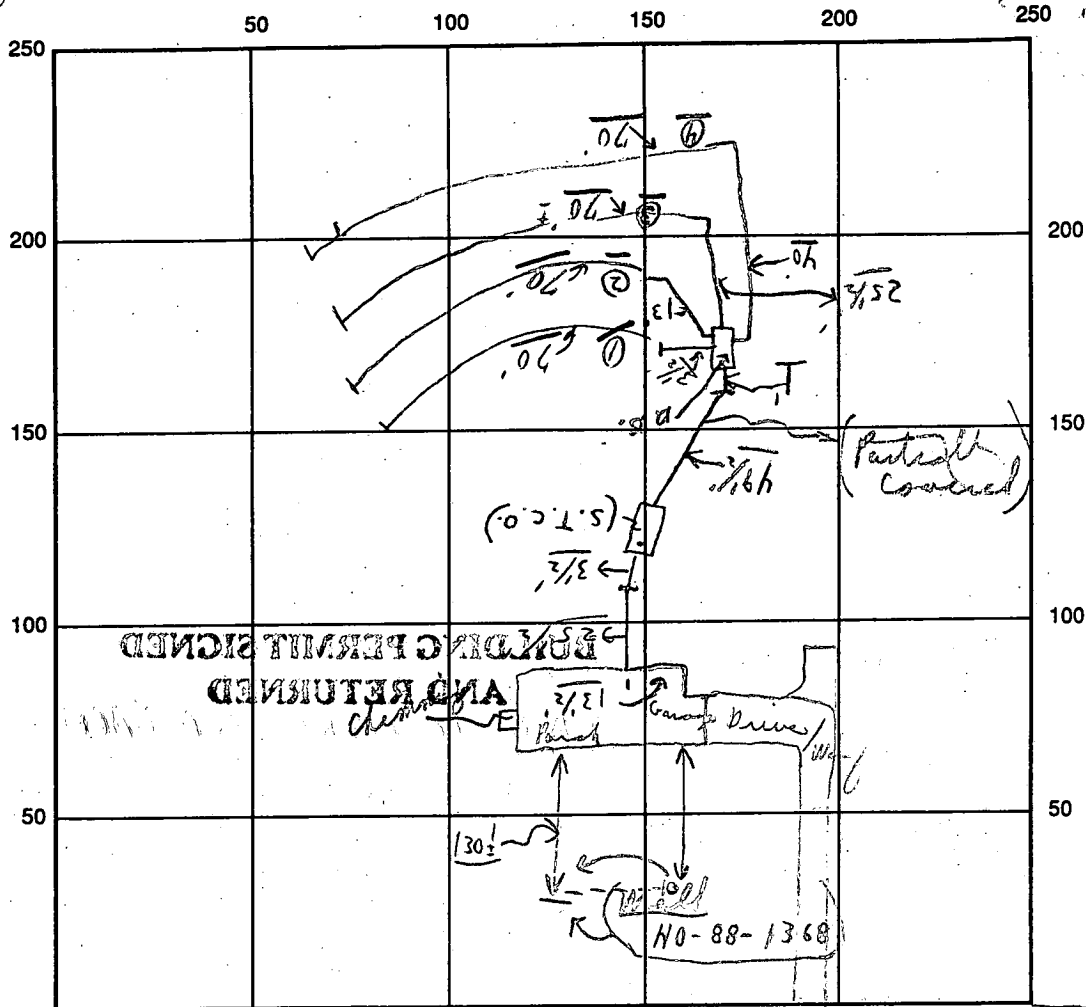
HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BLDG. PERMIT SIGNED
AND RETURNED 7-23-98

Serial # B10113141
2-wood sheet

A 42805



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 9/30 See below OK Thistle Downs Court S.T.C.O. / CLEANOUTS Permit OK

DISTRIBUTION BOX LEVEL OK (Babbler is in)

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 2.80 FT.

NUMBER OF TRENCHES 4 ONE ~~SIDEWALL~~ / BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA 840 SQ. FT.

REMARKS: 9/30 P.M. - Partial - no tank yet. no pipe from home to S.T. area.
no trenches yet. No tank inspection; C.B. observed & disapproved.
10/4/93 (11:00 P.M.) - All done except last trench; ok to cover from
home to P. Box ok to cover - except ends joined to check; C.B. 10/5/93 A.M.
10/5 Final - ok to cover as finished for ends - material on site.
9/30/93 W.P.I. C.B. 10/4/93 (P.M.) Final ok to cover all work.

DATE SYSTEM APPROVED 10/5/93 INSPECTOR Charles Bryan

APPLICATION

PERCOLATION TESTING

A 42805

P _____

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

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 Edward D. Taylor

ADDRESS 830 Morgan Station Road, Woodbine 21797 PHONE 301-776-5123

PROSPECTIVE BUYER Potomac Development Company

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

PROPERTY LOCATION:

SUBDIVISION Camden Downs LOT NO. Prelim 4

ROAD AND DESCRIPTION Old Frederick Road and Morgan Station Road
(15619 Thistle Downs Court)

TAX MAP 8 PARCEL # 1

SIZE OF LOT 3.88 Acres TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 7/14/93

Seal # 99543-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. SHALLOW SYSTEM ONLY - McAdams

THIS IS NOT A PERMIT

Lot-5

A 42805

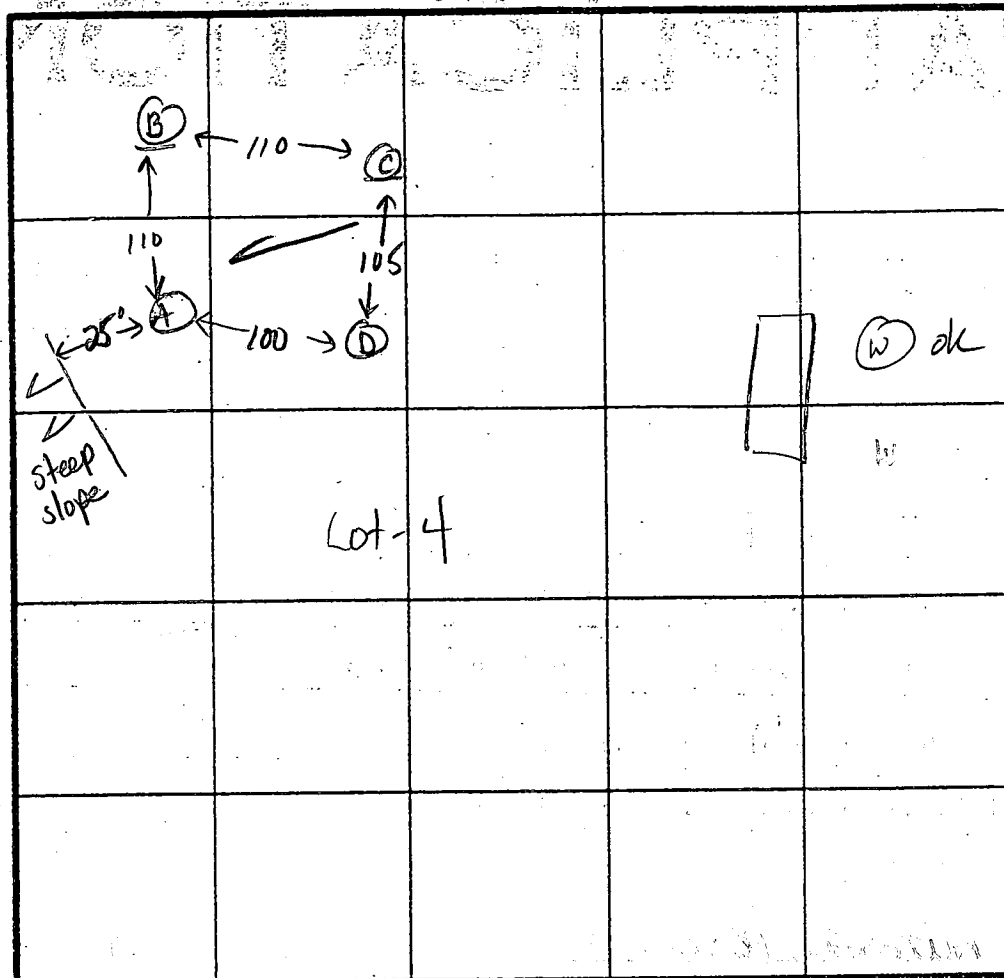
(C) (B)

SOIL PROFILE

0-5 Br sil
lm
5-13.0 Br sa si
lm, some
broken
rock
< 40%
slight
structure
at 10.0 ft
13.0 Bottom

(A) (D)

0-4.0 Rd-br
sil lm
4-13.5 Brown
sa si lm
< 15%
broken
rock
13.5 Bottom



Highest C
D
B
Lowest A

Proposed
Road
A

SHALLOW ONLY

F = 6 min
Inlet = 3.5
Bottom = 5.0 ft,
180 sq ft / bldg
210

↓ To Old Frederick Rd Lot-3

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-19-89	C	4.5 S	1:29	1:33	1:33	1:39	6 min
		2.5 S	1:05	1:21	no movement		Failed
		6.5 M	1:04	1:09	1:09	1:20	11 min
		13.0 D	Bottom (slight structure at 10.0')				
		4.5 S	1:11	1:13	1:13	1:15	2 min
	B	4.5 S	1:09	1:10	1:10	1:11	1 min
		13.0 D	Bottom (slight structure at 11.0')				
	A	4.5 S	1:16	1:19	1:19	1:26	7 min
		13.5 D	Bottom (see profile)				
	D	12.0 V	Bottom (No structure visible)				

Retest

REMARKS

All holes as shown on plat. Only 25 ft from steep slope near hole A

TYPE OF SOIL

0-4 Br sil lm, 4-13 Br sa si lm, < 40% vx

TESTED BY

Jane E. Nadeau

ALSO PRESENT

Cecio, Kenny

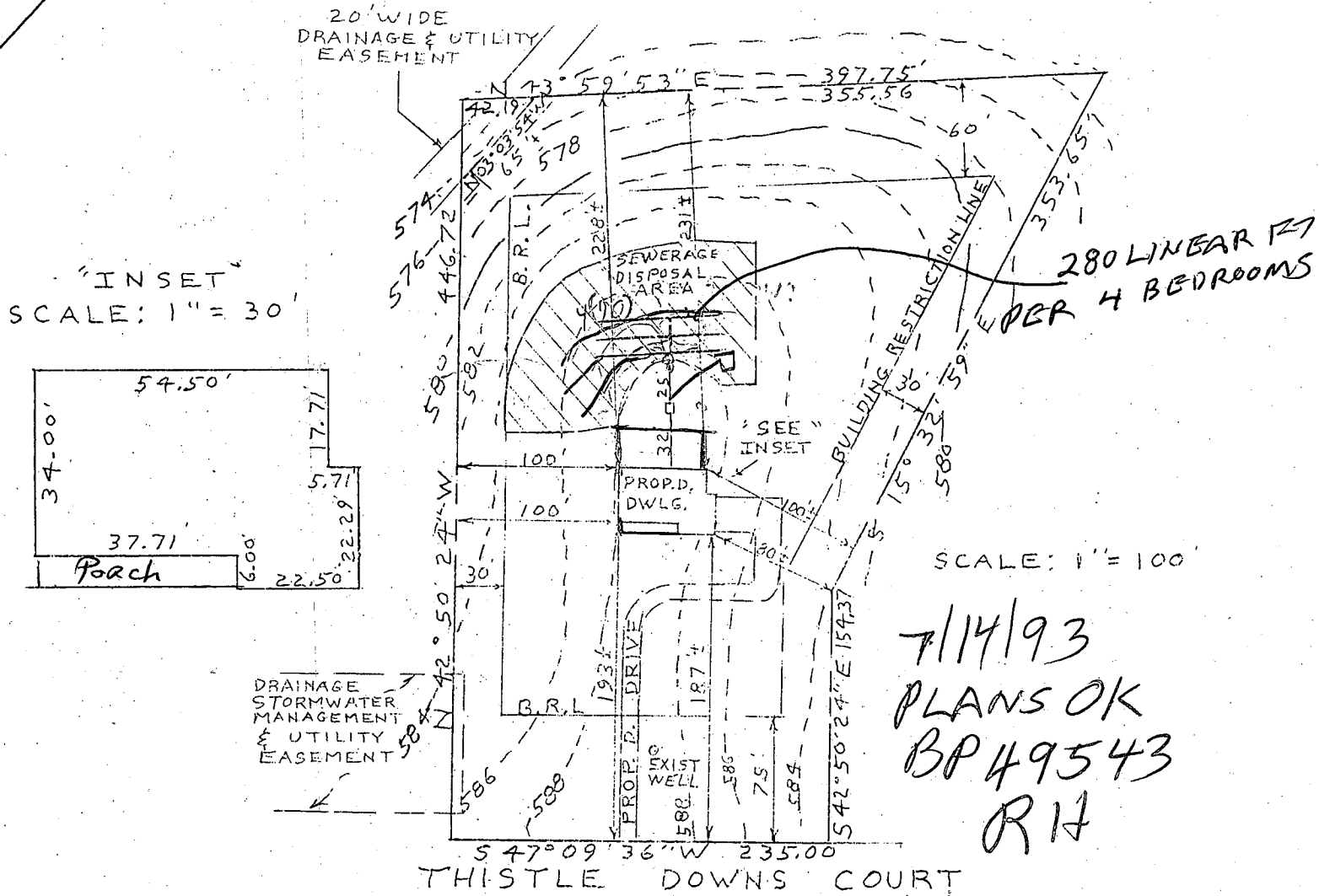
William E. Doyle

LAND SURVEYOR 8440

9312 EMERALD DRIVE

SYKESVILLE, MARYLAND 21784

PHONE (301) 795-2210



7/14/93
PLANS OK
BP 49543
R11

EXIST, GRN. AT DISTR. BOX	588.00
INV. IN DISTR. BOX	584.50
INV. OUT OF SEPTIC TANK	584.90
INV. INTO SEPTIC TANK	585.30
INV. OUT OF DWELLING	585.80
FIRST FLOOR ELEV.	591.00
CELLAR ELEV.	582.00
WELL ELEV.	589.00
NO. OF BEDROOMS	4
ACREAGE	3.014 ACRES

LOT 4, THISTLE DOWNS COURT
CAMDEN DOWNES, SECTION 1
PLAT NO. 9572
ELECTION DISTRICT 4
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN
DRAWN: JUNE 23, 1993

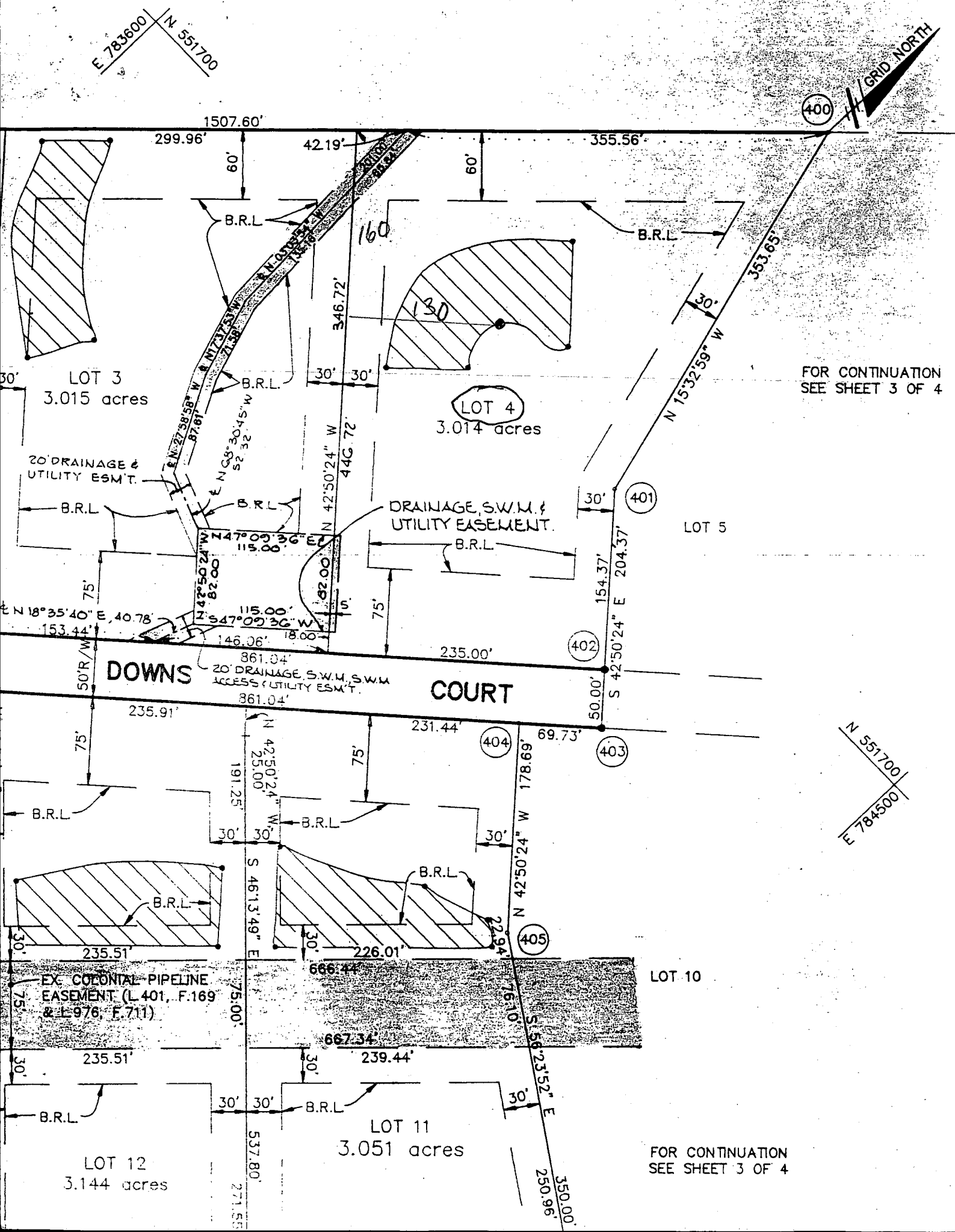
I CERTIFY THE ABOVE MEASUREMENTS
AND ELEVATIONS ARE ACTUAL AND
CORRECT FOR THIS PROPERTY.

signed William E. Doyle

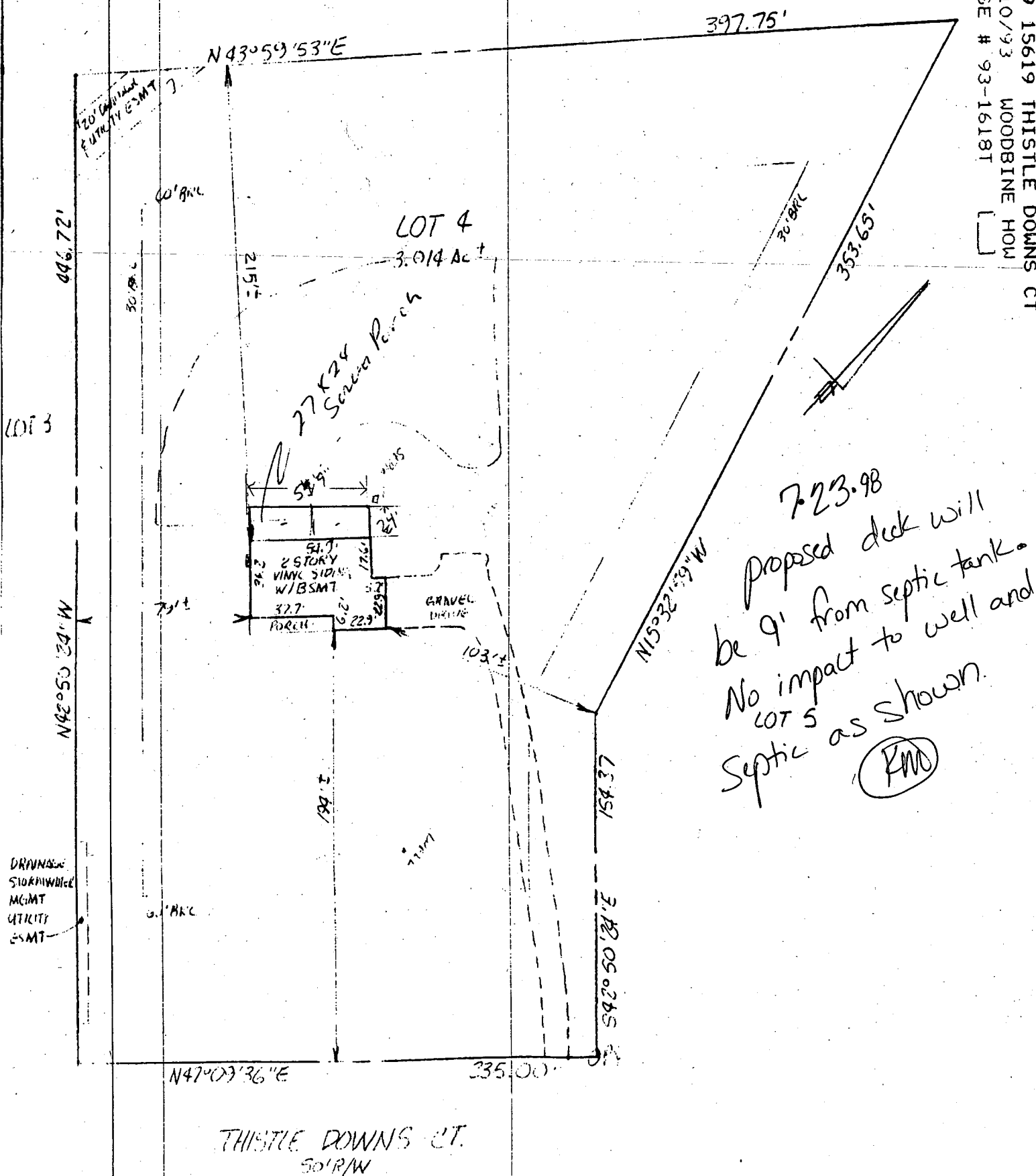
NOTE:
CONTOURS ARE FROM
PRELIMINARY PLAN OF
LOT 4, CAMDEN DOWNES
SECTION 1



FILE NO. 924

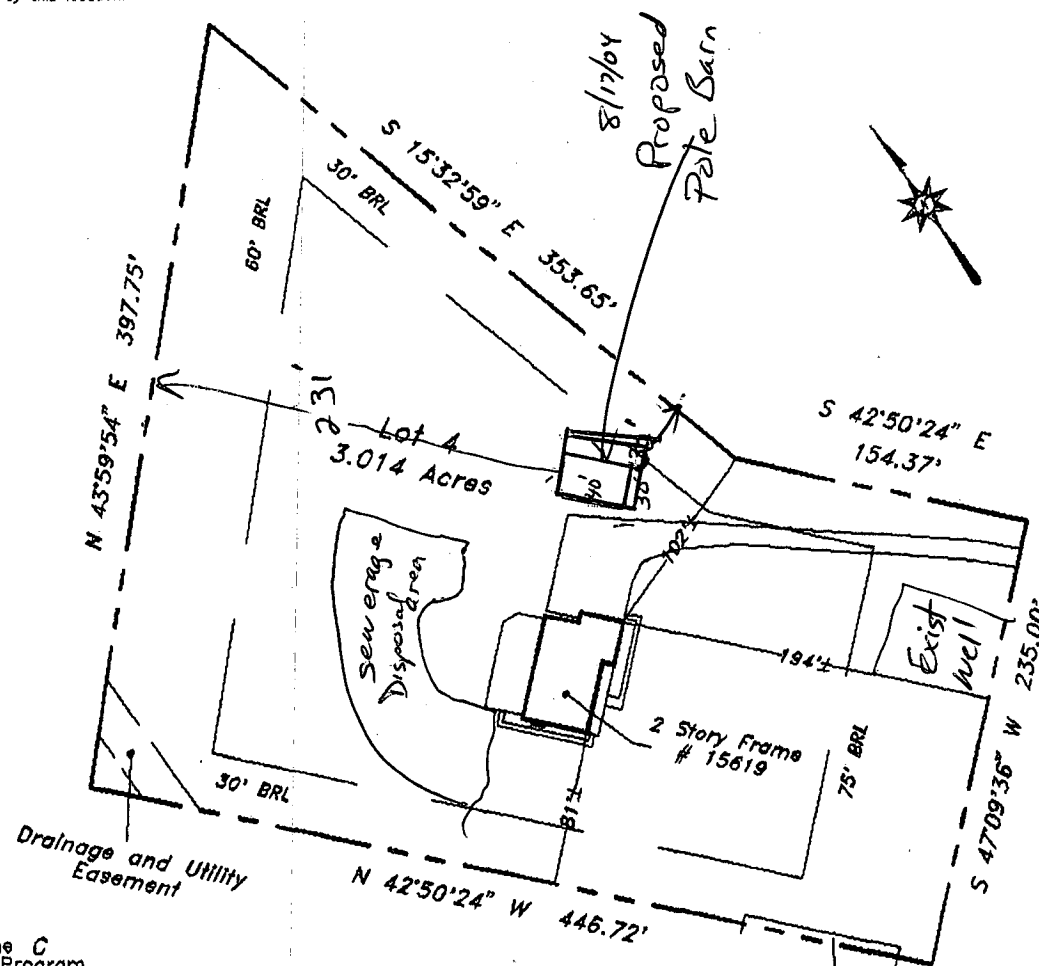


BH931-739 15619 THISTLE DOWNS CT
[] 11/10/93 WOODBINE HOW
[] CASE # 93-1618T []



NOTES:

- 1) B.R.L. information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by NTT, Inc.
- 2) Building line and/or Flood Zone information is subject to the interpretation of the originator.
- 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
- 4) Property markers not found, or guaranteed by this location.
- 5) Setback distance accuracy: $\pm 1'$.



8/18/04
Proposed Pate Barn
Location of
(CDB)

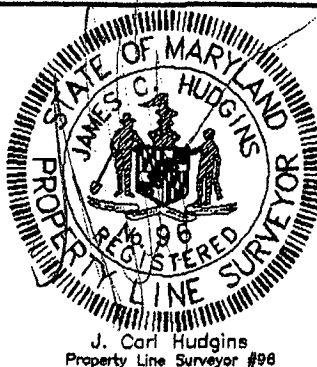
Thistle Downs Court
(50' Right of Way)

Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland. Panel # 8 of 45 Community Panel # 240044-0088 Effective date: December 4, 1986

Drainage, Stormwater Management and Utility Easement

This is to certify that I have surveyed the property shown hereon, being known as **Lot 4**
15619 Thistle Downs Court
recorded in the Land Records of Howard County, Maryland in Plat Bk. **9572** Liber **6803** Folio **569**
for the purpose of locating the improvements thereon.

- * This plat is of benefit to the 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 purposes.
- * This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
- * 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 for securing financing or refinancing.



LOCATION DRAWING
15619 Thistle Downs Court
Camden Downs
4th election district
HOWARD COUNTY, MARYLAND

NTT Associates, Inc.
16205 Old Frederick Road
Mt. Airy, Maryland 21771
Ph. (410)442-2031
Fax No. (410)442-1315

Scale: 1"= 100'
Date: July 25, 2003
Field by: JLM
Drawn by: JLM
Drawing # 0085How

B. 1. 9463 (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 H0-88-1368 fill in this form completely
Date Received (APA) 050790		B. 3. LOCATION OF WELL 1. HOWARD 8 COUNTY 2. CAMDEN DOWNS 23 SUBDIVISION SECTION 1 LOT 4 LISBON 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) 2 MI	
OWNER INFORMATION 15 Last Name CAMDEN Owner DOWNS First Name PARTNER 36 Street or RFD 10805 HICKORY RIDGE RD 57 Town COLUMBIA 70 State 72 MD Zip 76 21044		B. 4. THISTLE DOWNS CT 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH ☒ WEST ☐ EAST ☐ SOUTH ☐ 34 50 37 DISTANCE FROM ROAD ENTER FT or MI F7	
DRILLER INFORMATION Driller's Name FRANK DELPH 77 License No. 80 453 Firm Name FRANK DELPH WELL DRILLERS INC Address 18234 PENN SHOP RD MT AIRY MD Signature Frank Delph Date 5.2.90		B. 2. WELL INFORMATION 1. APPROX. PUMPING RATE (GAL. PER MIN.) 5 2. 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)	
APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 INCH		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A-42805 STATE SIGNATURE Barry D. Adams DATE ISSUED 01/24/90 NORTH GRID 551000 EAST GRID 0784000	
METHOD OF DRILLING (circle one) BORED (or Augered) ☐ JETTED ☐ Jetted & DRIVEN ☐ 30 AIR-ROTary ☐ AIR-PERcussion ☐ ROTARY (Hydraulic Rotary) ☒ 37 CABLE ☐ REVerse-ROTary ☐ Drive-POINT ☐ other _____		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 7864 N 5521	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ 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 (IF AVAILABLE) 41 _____ 52 _____		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) APPROX. PERMIT NUMBER GAP FORCE BA WRITE INITIALS IN BOX PERMIT No. H0-88-1368		SPECIAL CONDITIONS	

C1 - 1594 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 42805

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 Partner
STREET OR RFD last name first name TOWN Lisbon
SUBDIVISION Camden Downs SECTION 1 LOT 4

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

Topsoil 0 2
Shale 2 20
Brown shale 20 40 L
Blue shale 40 45
Brown shale 45 55 L
Blue shale 55 70
Brown shale 70 75 L
Blue shale 75 115
Brown shale 115 125 L
Blue shale 125 165

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 9 NO. OF POUNDS 500

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 32 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PL 6 36 70

OTHER CASING (if used)

diameter inch depth (feet) from to

screen type or open hole

SCREEN RECORD

insert appropriate code below

ST BR HO
STEEL BRASS OPEN HOLE
PL BRONZE
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 68

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 11

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 35

WHEN PUMPING 32

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:

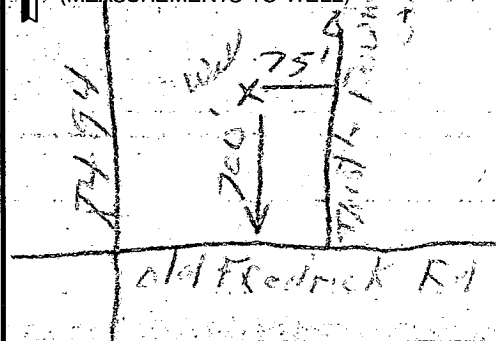
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35
PUMP HORSE POWER 37 41
PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
- 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 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