

C129991SEQUENCE NO. (MDE USE ONLY)

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 NUMBERA49237

ST/CO USE ONLY  
DATE RECEIVED

DATE WELL COMPLETED  
06/19/95

Depth of Well  
2218526  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
H0-94-0478

OWNERJacobson Homes

STREET OR RFDlast nameRoute 97first nameTOWNGlenwood

SUBDIVISIONCattail Creek CCSECTIONLOT49

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  
FROMTO

check if water-bearing

SAND016

GRAY MICA16185

ROCK

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENTCMBENTONITE CLAYBC

NO. OF BAGS5NO. OF POUNDS470

GALLONS OF WATER30

DEPTH OF GROUT SEAL (to nearest foot)  
from0ft. to27ft.  
TOPBOTTOM  
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STEELSTCONCRETECO

PLASTICPLOTHERO

MAIN CASING TYPE

Nominal diameter top (main) casing (nearest inch)6

Total depth of main casing (nearest foot)27

OTHER CASING (if used)

diameter inchdepth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

STEELSTBRASSBRONZEBR

OPEN HOLEHOTO

PLASTICPLOTHERO

C3

PUMPING TEST

HOURS PUMPED (nearest hour)3

PUMPING RATE (gal. per min.)20

METHOD USED TO MEASURE PUMPING RATEBucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING24ft.

WHEN PUMPING24ft.

TYPE OF PUMP USED (for test)

AairPpistonTturbine

CcentrifugalRrotaryOother (describe below)

JjetSsubmersible

NUMBER OF UNSUCCESSFUL WELLS0

WELL HYDROFRACTUREDyesYN

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

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO.24

DRILLERS SIGNATUREJoseph P. Mayne

LIC. NO.27

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

C2

DEPTH (nearest ft.)

12

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GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

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)

WELL

<b>B 1</b> <span style="font-size: 24pt; font-weight: bold;">4453</span>		SEQUENCE NO. (DP USE ONLY)		STATE OF MARYLAND <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please print or type		STATE PERMIT NUMBER <span style="font-size: 24pt; font-weight: bold;">HO-94-0478</span> <small>70 fill in this form completely 78</small>	
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>							
<b>OWNER INFORMATION</b> Date Received (APA) <span style="font-size: 24pt; font-weight: bold;">050195</span>				<b>LOCATION OF WELL</b> 1 2 <span style="font-size: 24pt; font-weight: bold;">HOWARD</span>			
8 13 <span style="font-size: 24pt; font-weight: bold;">JACOBSEN Homes</span>				8 COUNTY <span style="font-size: 24pt; font-weight: bold;">CATTAIL CREEK</span>			
15 Last Name Owner First Name 34				23 SUBDIVISION			
36 <span style="font-size: 24pt; font-weight: bold;">9409 ELIZABETH CT</span>				SECTION <span style="font-size: 24pt; font-weight: bold;">49</span> LOT <span style="font-size: 24pt; font-weight: bold;">49</span>			
57 <span style="font-size: 24pt; font-weight: bold;">FULTON</span>				52 NEAREST TOWN <span style="font-size: 24pt; font-weight: bold;">GLENWOOD</span>			
70 State 72 Zip 76				MILES FROM TOWN (enter 0 if in town) <span style="font-size: 24pt; font-weight: bold;">2</span> <span style="font-size: 24pt; font-weight: bold;">MI</span>			
<b>DRILLER INFORMATION</b> MSD/MGD/MWD				<b>B 3</b>			
Driller's Name <span style="font-size: 24pt; font-weight: bold;">Joseph L. Mayne</span>				77 License No. 80 <span style="font-size: 24pt; font-weight: bold;">24</span>			
Firm Name <span style="font-size: 24pt; font-weight: bold;">Joseph L. Mayne Well Drilling</span>				DIRECTION OF WELL FROM TOWN (CIRCLE BOX)			
Address <span style="font-size: 24pt; font-weight: bold;">5512 Ridge Rd. Mt. Airy, Md. 21771</span>				NEAR WHAT ROAD <span style="font-size: 24pt; font-weight: bold;">Md 97</span>			
Signature <span style="font-size: 24pt; font-weight: bold;">Joseph L. Mayne</span>				ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)			
Date <span style="font-size: 24pt; font-weight: bold;">4/29/95</span>				34 <span style="font-size: 24pt; font-weight: bold;">500</span> 37			
<b>B 2</b> <b>WELL INFORMATION</b>				DISTANCE FROM ROAD ENTER FT OR MI <span style="font-size: 24pt; font-weight: bold;">FT</span>			
APPROX. PUMPING RATE (GAL. PER MIN.) <span style="font-size: 24pt; font-weight: bold;">5</span>				TAX MAP _____ BLK. _____ PARCEL _____			
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <span style="font-size: 24pt; font-weight: bold;">520</span>				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL			
USE FOR WATER (CIRCLE APPROPRIATE BOX)				COUNTY NAME <span style="font-size: 24pt; font-weight: bold;">Howard</span> COUNTY NO. <span style="font-size: 24pt; font-weight: bold;">A 49237</span>			
<input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)				STATE SIGNATURE _____ INSERT 'S' <span style="font-size: 24pt; font-weight: bold;">41</span>			
<input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)				DATE ISSUED <span style="font-size: 24pt; font-weight: bold;">051195</span>			
<input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)				CO SIGNATURE <span style="font-size: 24pt; font-weight: bold;">DONNA X</span> EXP. DATE <span style="font-size: 24pt; font-weight: bold;">05/10/96</span>			
<input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)				NORTH GRID <span style="font-size: 24pt; font-weight: bold;">523000</span> EAST GRID <span style="font-size: 24pt; font-weight: bold;">0787000</span>			
<input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X			
APPROXIMATE DEPTH OF WELL <span style="font-size: 24pt; font-weight: bold;">260</span> FEET				SOURCES OF DRILLING WATER			
APPROXIMATE DIAMETER OF WELL <span style="font-size: 24pt; font-weight: bold;">6</span> INCH				1. <span style="font-size: 24pt; font-weight: bold;">WELL</span>			
<b>METHOD OF DRILLING</b> (circle one)				2.			
BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/>				3.			
AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/>				WRITE THE BOX NUMBER FROM THE MAP HERE			
CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> DRIVE-POINT <input type="checkbox"/>				E <span style="font-size: 24pt; font-weight: bold;">77087</span>			
other _____				N <span style="font-size: 24pt; font-weight: bold;">5203</span>			
<b>REPLACEMENT OR DEEPEMED WELLS</b> (CIRCLE APPROPRIATE BOX)				DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION			
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL				6-19-95 GROUT well (all done 9:30) done			
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED				5# Bags of cement			
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS				21' casing			
<input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL				19' casing			
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52				1 1/2" casing phone ground			
Not to be filled in by driller (OEP USE ONLY)				✓ on top of site on			
APPROX. PERMIT NUMBER <span style="font-size: 24pt; font-weight: bold;">GAP</span>				Sketch showing location of well in relation to nearby towns and roads and give distance from well to nearest road junction			
FORCE <span style="font-size: 24pt; font-weight: bold;">DS</span> WRITE INITIALS IN BOX				Glenwood Countryside Dr. * well Dyanmore Valley Run Md. 97			
PERMIT No. <span style="font-size: 24pt; font-weight: bold;">HO-94-0478</span>				SPECIAL CONDITIONS			
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =							

2/25/98 NOT DONE  
Anytime  
276 pgs  
Anytime

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043

461-9933-313-2640

2/26/98  
WPI - ok to cover  
P.A. 4.0' below grade  
casing 1.0' above grade  
has 2 piece cap  
keep casing tag  
final grade (EM)

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒  
Replacement ☐

Receipt #  
Date 2-27-98

Name of Installer Michael S. Harmon (H. Plumber)

Telephone 301-898-5170

License Number 7383

Certified Well Pump Installer ☒ Well Driller ☐ Registered Plumber ☒

Name of Property Owner Sean Carey

Telephone 440-746-1837

Subdivision Catail Creek Cottage Lot # 49

Well Tag # 84094-0478

Site Address 3609 Sycamore Dr

Pump

1. Type  
a. Deep well jet  
b. Shallow well jet  
c. Submersible ☒

2. Make Builders

3. Model #

4. Capacity 8 GPM

5. Pump exceeds well capacity Yes No ☒

6. If Yes, is low pressure cutoff switch installed? Yes No ☒

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards ☒ Other

Motor

1. Horsepower 1/2

2. RPM

3. Voltage

a. 110

b. 220 ☒

Pitless Adapter

1. Make Campbell

2. Model # B-10-X

3. Depth 42"

Tank

1. Capacity

2. Pressure relief valve? ☒

Piping

1. Type Joan 160psi

2. Size 1"

3. NSF and/or BOCA Code approved Yes

4. Depth of supply line 42"

Well data

1. Depth 185 ft.

2. Yield 15.00 GPM

3. Static water level ft.

4. Will water supply be disinfected by installer? No Builders

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant Michael S. Harmon

Date 1-30-98

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

C. JACOBSEN CONST. INC. 301.951.2000

# FOREST CONSERVATION TABULATION

SYM.	BEARING & DISTANCE
A	S74°30'27"E 40.00'
B	S15°29'33"W 120.00'
C	S74°30'27"E 134.45'
D	S15°29'33"W 22.42'
E	N74°30'27"W 174.45'
F	N15°29'33"E 142.42'

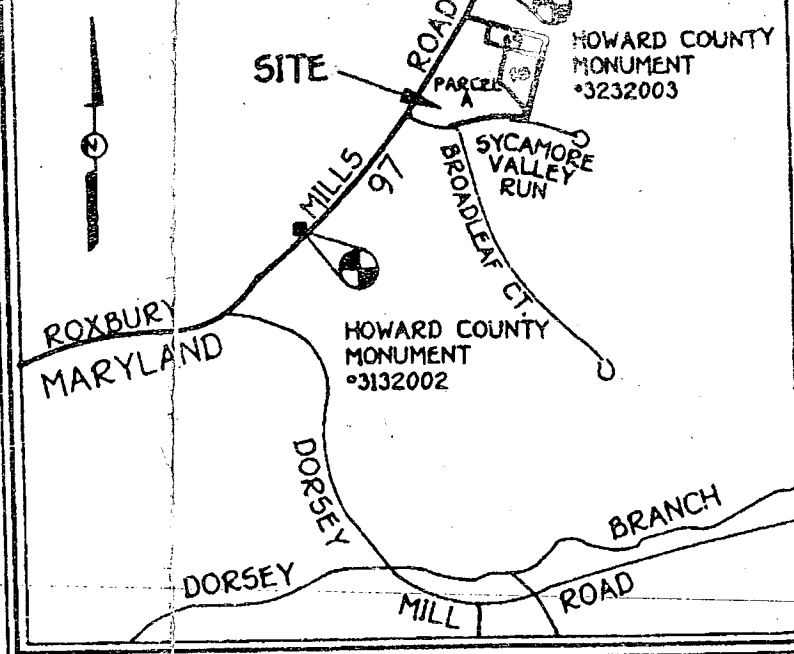
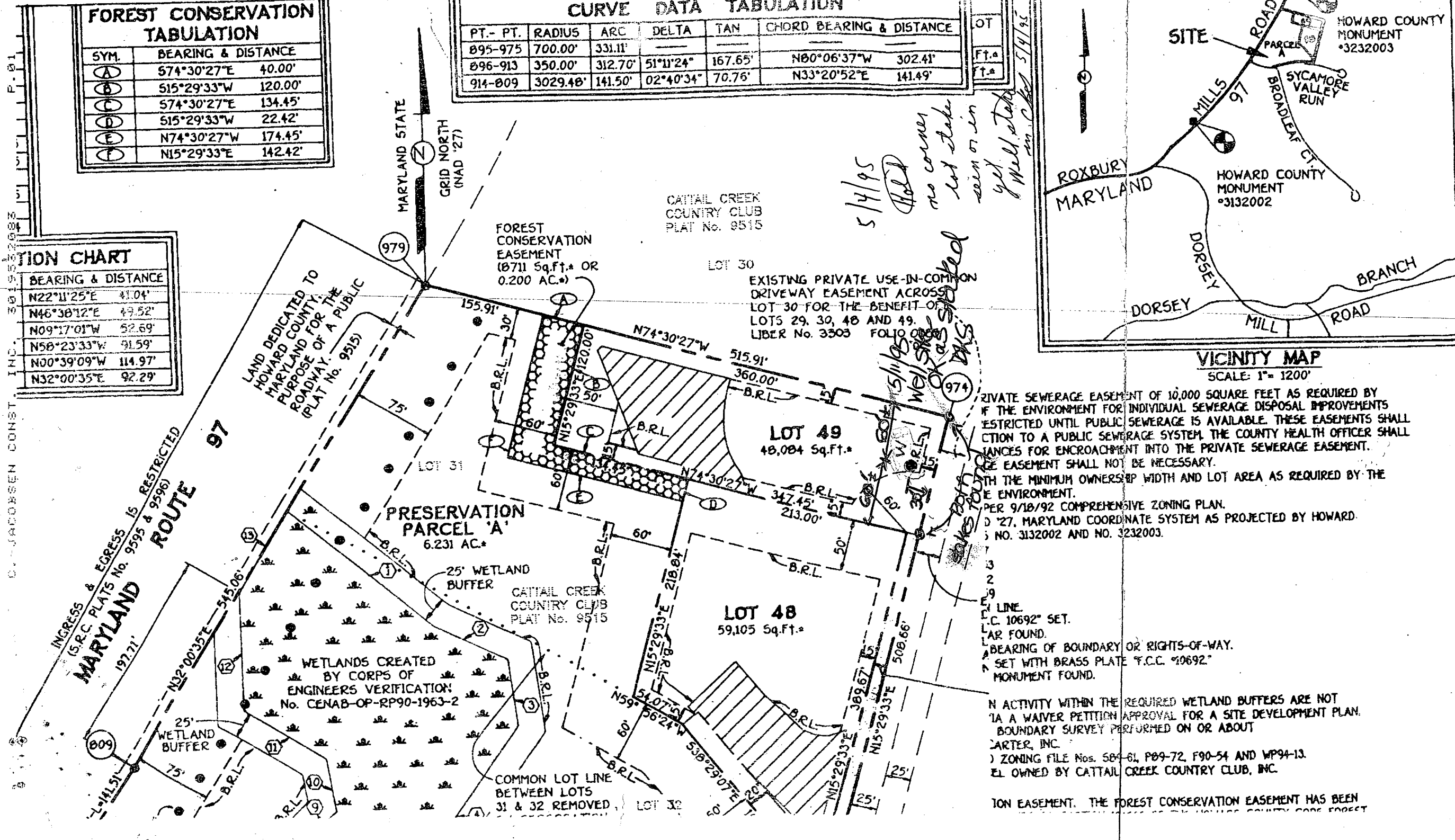
## LOCATION CHART

BEARING & DISTANCE
N22°11'25"E 41.04'
N46°38'12"E 49.52'
N09°17'01"W 52.69'
N58°23'33"W 91.59'
N00°39'09"W 114.97'
N32°00'35"E 92.29'

# CURVE DATA TABULATION

PT.- PT.	RADIUS	ARC	DELTA	TAN	CHORD BEARING & DISTANCE
895-975	700.00'	331.11'			
896-913	350.00'	312.70'	51°11'24"	167.65'	N80°06'37"W 302.41'
914-809	3029.48'	141.50'	02°40'34"	70.76'	N33°20'52"E 141.49'

LOT
1A
2A



## VICINITY MAP

SCALE: 1" = 1200'

PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY IF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL CTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL JANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. E EASEMENT SHALL NOT BE NECESSARY. WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE E ENVIRONMENT. PER 9/18/92 COMPREHENSIVE ZONING PLAN. D 27, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD S NO. 3132002 AND NO. 3232003.

- 1. LINE.
- 2. C. 10692" SET.
- 3. LAR FOUND.
- 4. BEARING OF BOUNDARY OR RIGHTS-OF-WAY.
- 5. SET WITH BRASS PLATE "T.C.C. 10692"
- 6. MONUMENT FOUND.

N ACTIVITY WITHIN THE REQUIRED WETLAND BUFFERS ARE NOT 1A A WAIVER PETITION APPROVAL FOR A SITE DEVELOPMENT PLAN. BOUNDARY SURVEY PERFORMED ON OR ABOUT CARTER, INC. ) ZONING FILE Nos. 584-81, P89-72, F90-54 AND WP94-13. EL OWNED BY CATTAIL CREEK COUNTRY CLUB, INC.

ION EASEMENT. THE FOREST CONSERVATION EASEMENT HAS BEEN