

7-24-98
WPI
+ Sewer line
10/10/98 2pm
12/21/98 1:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510184
A _____

DISTRICT 5th

DATE 06/05/98

HOWARD COUNTY HEALTH DEPARTMENT *Tox ID#*

BUREAU OF ENVIRONMENTAL HEALTH

~~XX-513823~~ 313-2640

05-420172

DATE SYSTEM APPROVED 10/22/98

INSPECTOR [Signature]

Winchester Homes, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 6305 Ivy Lane, Suite 800, Greenbelt, Maryland 20770 PHONE _____

SUBDIVISION Ashleigh Knolls LOT 73 ROAD 7204 Downing Court

PROPERTY OWNER Winchester Homes, Inc.

ADDRESS 6305 Ivy Lane, Suite 800
Greenbelt, Maryland 20770

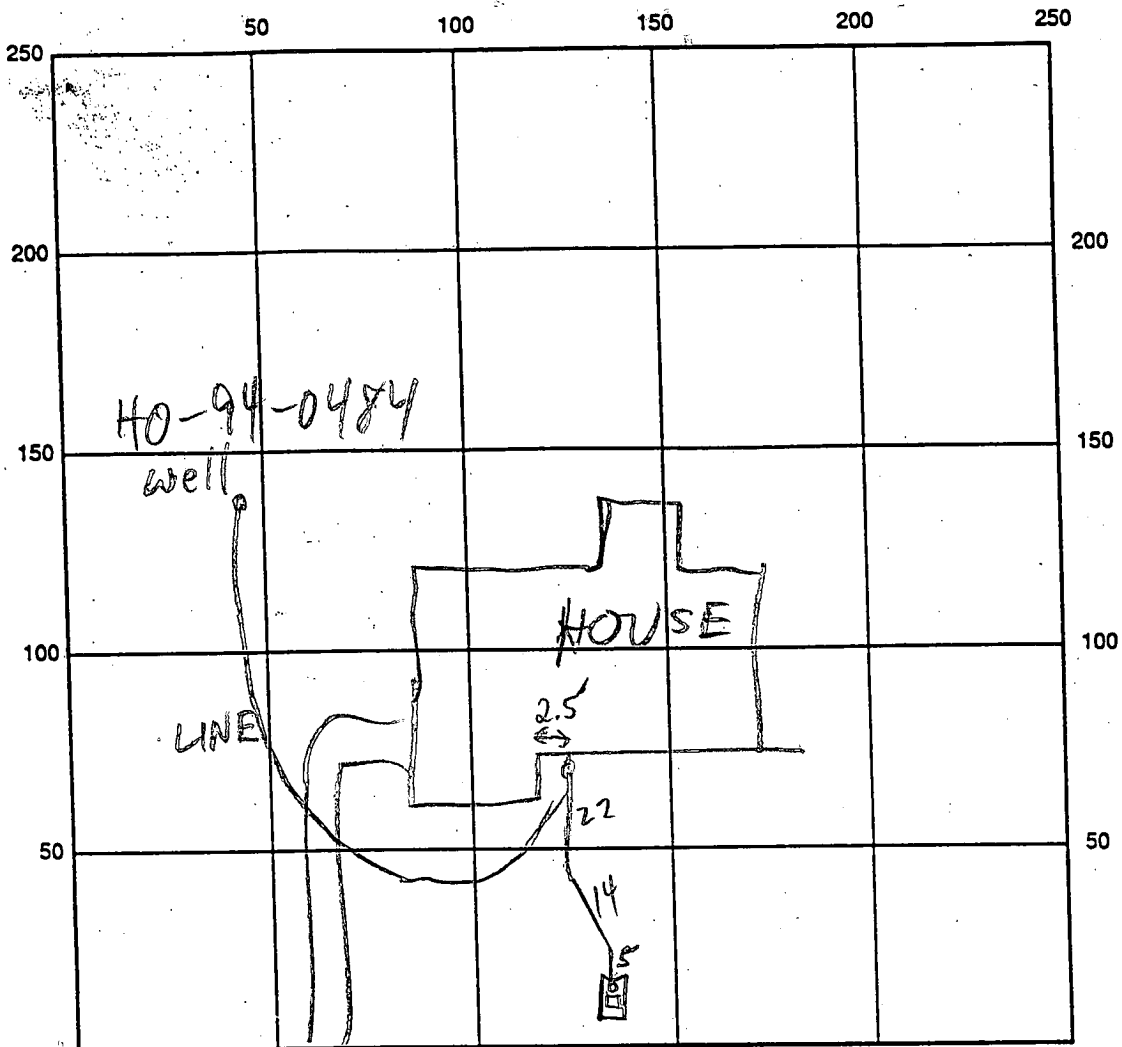
SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

- House is served by a shared community septic system. As part of the general permit for the community system, items previously installed or under construction include individual septic tank, connection from tank to common effluent line, community system headworks, and shared disposal fields.
- This portion of the septic installation permit is strictly limited to authorization of the individual pump in the pump pit with associated piping and electrical controls, and installation of the individual house sewer line. Location as per the signed building permit site plan, copy attached.
- Contact Health Department for inspection before covering the installation.
- For the pump test 48 hour advance notice of inspection is required. Where adequate notice has been provided, installation may proceed to completion one-half hour after the scheduled inspection time.

Plans Approved By Kimberly Maisto

Date: 6-22-98



DOWNING CT INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

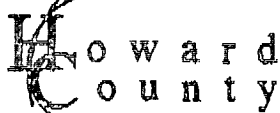
SEPTIC TANK LEVEL _____ CLEANOUTS _____

REMARKS: 7/24/98 OK TO COVER HOUSE CONN MR
 10/22/98 PUMP + ALARM OPERATION TEST OK

7/24/98 WPI OK, 2-PC CAP OK, GRAVEL UNDER DRIVE
 OK TO COVER (MR)

DATE SYSTEM APPROVED 10/22/98 INSPECTOR *[Signature]*

FAX
cover sheet



Bureau of Utilities
8270 Old Montgomery Rd.
Columbia, Md. 21045
Tel: (410) 313 4900
Fax: (410) 313 4989

Date: 10/23/98 Number of pages
Including this one one

To: Water & Sewer Program

Fax No.: 2648

From: Matt Tucker

Comments: Sewer Pump Test results, yesterday
addressed the following property was tested:

Winchester Homes Lot 73 Sublot 30-338.3
7704 Downing Court

This property is okay for U&O release

APPLICATION

HOWARD COUNTY

DUPLICATE

SERIAL NUMBER

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT
3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

B00112226

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

7204 Downings Court
Clarkville, Md. 21029

GRADING/SEDIMENT CONTROL YES NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

Chelsea II
2 story, full bsmt, 10 R, 3 FB, 1 HB
8' driveway, 4 BK, FP + Garage

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
73	475		2	17		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
Ashleigh Knolls		R12-40	40	5	6051.02	

OWNER NAME AND ADDRESS

Winchester Homes, Inc.
6305 Ivy Ln. Suite 800
Greenbelt, Md. 20770 (301) 489-1144

OCCUPANT'S NAME AND ADDRESS

ARCHITECT OR ENGINEER'S NAME AND ADDRESS

R.M. Machi Group
10120 A Old National Pike
Ivanville, Md. 21754 (301) 865-5858

CONTRACTOR'S NAME AND ADDRESS

Same As Above
Winchester Homes

EXISTING USE

Vacant

PROPOSED USE

Res. Single Fam

EST. CONSTRUCTION COST

170,000

LICENSE NUMBER

158-14160

PERMIT FEE

7491

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
	56'	42'	10'
	56'	38'	10'
	56'	42'	10'

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS	1977		F/G Gable
ROOMS	1413		
BATHS			
FIREPLACES	1520		

FOOTINGS	FOUNDATION	S. WALLS
16 x 8	8' CONC	w/fin sill

UTILITIES				
WATER/WELL	SEWER/SEPTIC	GAS	ELECTRICITY	TYPE OF HEAT
		X	X	GAS
				AC
				Y

I have carefully examined and read this application and know the same is true and correct, and that is doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permits twenty-four hours in advance when I am ready for the inspections called for elsewhere in the application; and that no work will be covered up until such inspections have been complied with.

Carroll Davis
Permit Administrator
6-5-98
DATE

FOR OFFICE USE ONLY

DISTANCE IN FEET FROM R/W LINE TO FRONT BUILDING LINE 3928

SIDE YARD (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE) 4419

TO SIDE BUILDING LINE DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK (CORNER LOT ONLY) SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION:

To begin construction before a permit placard has been issued and displayed on the job is a violation of the law. Use and occupancy permit must be applied for two weeks before it will be issued.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

LP-69-591

CK 5183

2R. 1FB.

Distribution of Copies:
White - Building Official
Green - Planning & Zoning

Yellow - Engineering
Pink - Health Dept.
Gold - S.H.A.

REFERENCES: House of Delegates Bill 108; County Council Bills 8, 23, 60, 103; 1993 National Building Code

BY [Signature] DATE 3/6/96 CHECKED BY _____ DATE _____

work 3/12/96
Rev 7/95

ASAP

C1 2928

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER 13-

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

051795

021297

400 (TO NEAREST FOOT)

40-94-0484

OWNER Winchester Homes last name Downing Court first name TOWN Highland SUBDIVISION Ashleigh Knolls SECTION LOT 73

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, brown shaley Clay, Sand Stone, Mica, Sand Stone, Mica.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 29 NO. OF POUNDS 2900 GALLONS OF WATER 145 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD

MAIN CASING TYPE (circle appropriate code below) ST STEEL, CO CONCRETE, PL PLASTIC, OT OTHER. Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot). Includes entries for ST 6, 63.

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole (insert appropriate code below) ST STEEL, BR BRASS BRONZE, HO OPEN HOLE, PL PLASTIC, OT OTHER.

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED YES (Y) NO (N)

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. 040 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 501 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) E A C H S C R E E N 1 4061 400 2 3 4 5 6

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

C 3

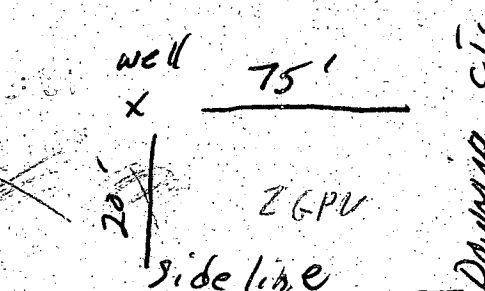
PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 30 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 10 ft. WHEN PUMPING 57 ft. TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 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)



6353

2/11/97 8:15

Review OK KM 3/3/97

Age _____ of _____
Date _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0484
Location of property (road) Downing Court
Subdivision Ashleigh Knolls Lot 73 Block _____ Plat _____ Sec. _____
Well Driller G. Easterday Owner Winchester Homes

Depth of well 500 29 ft
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 10'

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 15 GPM
Total time 15 min to reach pumping water level 57' ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	57'	100 seconds		3
9:15	57'	100 "		3
9:30	57'	100 "		3
9:45	57'	100 "		3
10:00	57'	100 "		3
10:15	57'	100 "		3
10:30	57'	100 "		3
10:45	57'	100 "		3
11:00	57'	100 "		3
11:15	57'	100 "		3
11:30	57'	100 "		3
11:45	57'	100 "		3
12:00	57'	100 "		3
12:15	57'	100 "		3
12:30	57'	100 "		3
12:45	57'	100 "		3
1:00	57'	100 "		3
1:15	57'	100 "		3
1:30	57'	100 "		3
1:45	57'	100 "		3
2:00	57'	100 "		3
2:15	57'	100 "		3
2:30	57'	100 "		3
2:45	57'	100 "		3

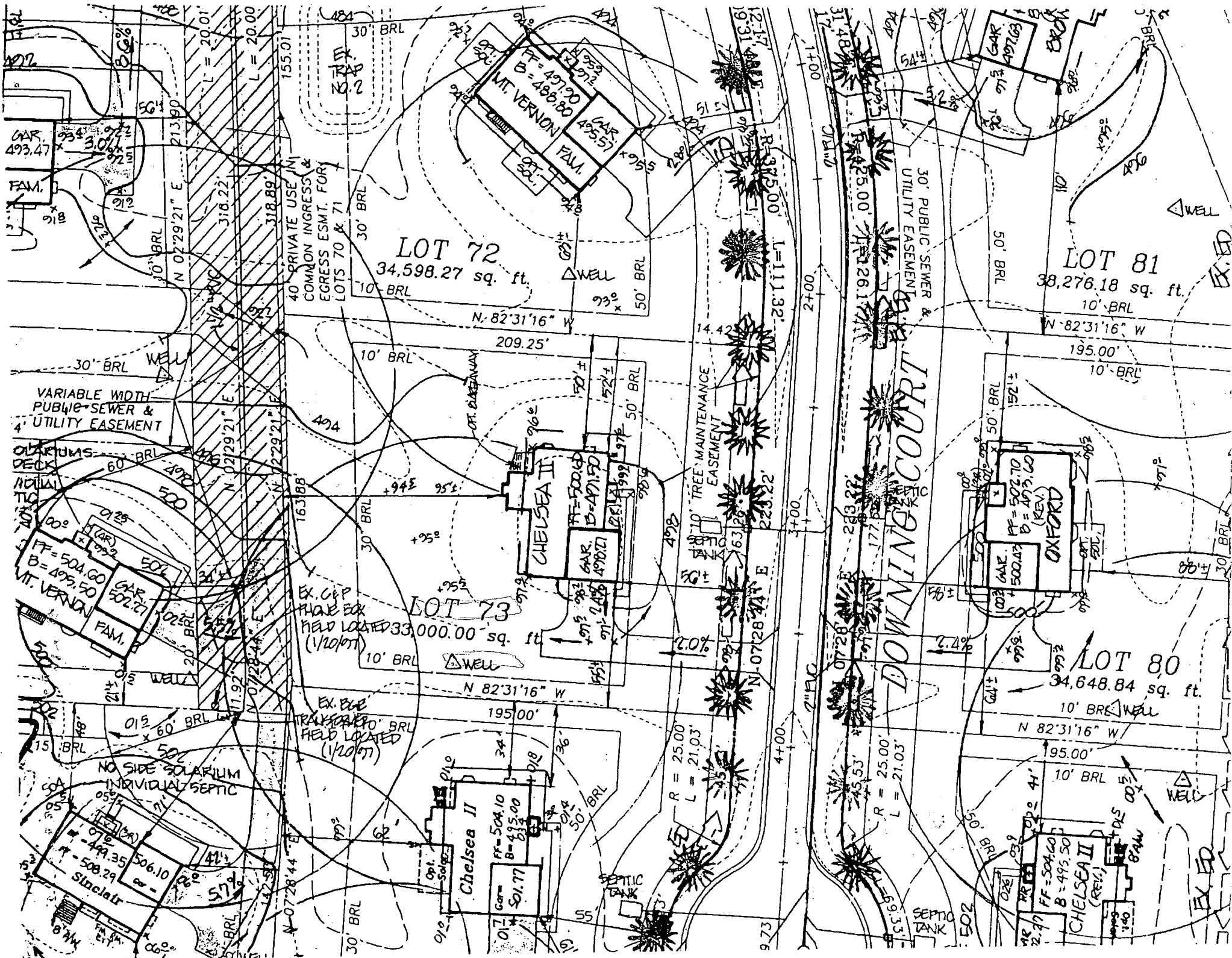
HD-224

SONNY

3:00 57'

100 "

PUMP Set 360' 3



LOT 72
34,598.27 sq. ft.

LOT 73
33,000.00 sq. ft.

LOT 81
38,276.18 sq. ft.

LOT 80
34,648.84 sq. ft.

DOWNING COURT

CHELSEA II

OXFORD

CheLSEA II

MT. VERNON

CHELSEA II (REV)

VARIABLE WIDTH
PUBLIC SEWER &
UTILITY EASEMENT

10' TREE MAINTENANCE
EASEMENT

NO SIDE SOLARIUM
INDIVIDUAL SEPTIC

EX. C.P.P.
TRAY & EX
FIELD LOCATED
(1/20/97)

EX. C.P.P.
TRAY & EX
FIELD LOCATED
(1/20/97)

SEPTIC
TANK

OLYMPUS
DECK

PF = 504.60
B = 495.50
GAR 502.70
FAM. 502.70
MT. VERNON

PF = 491.35
B = 508.29
GAR 506.10
FAM. 506.10
Stoclatr

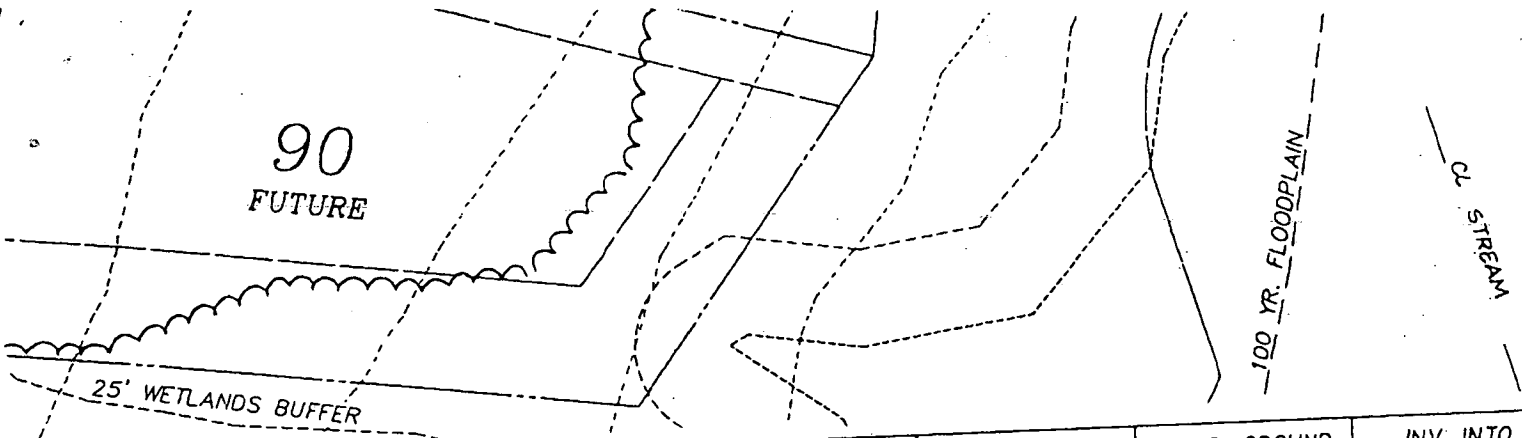
PF = 500.10
B = 497.50
GAR 497.50
FAM. 497.50
CHELSEA II

PF = 502.70
B = 495.50
GAR 500.10
FAM. 500.10
OXFORD

PF = 504.60
B = 495.50
GAR 501.77
FAM. 501.77
CHELSEA II (REV)

PF = 497.90
B = 486.80
GAR 495.50
FAM. 495.50
MT. VERNON

PF = 504.60
B = 495.50
GAR 501.77
FAM. 501.77
CHELSEA II (REV)



	FF ELEV	INV. OUT OF HOUSE	EXIST. GROUND AT SEPTIC TANK	PROP. GROUND AT SEPTIC TANK	INV. INTO SEPTIC TANK
LOT 68					
LOT 69					
LOT 70					
LOT 71					
LOT 72					
LOT 73	500.60	494.60	498.10	496.10	490.90
LOT 74	504.10	498.10	501.04	500.2	496.00
LOT 75	506.30	500.30	502.10	500.60	496.60
LOT 76	505.60	499.60	499.78	500.50	496.50
LOT 77	502.10	496.10	497.6	498.1	493.6
LOT 78	502.10	496.10	500.39	499.2	494.1
LOT 79	504.60	490.60	500.06	500.40	496.0
LOT 80	502.70	496.70	498.06	497.7	494.0
LOT 81	499.90	493.90	492.42	493.0	490.0
LOT 82					
LOT 83					

169
1B

R.M. MOCHI GROUP, P.C.
CIVIL ENGINEERS
LAND SURVEYORS
WATERBORO
SUMMIT

3300 N. Ridge Road, Suite 235
Ellicott City, MD 21043-3305
(410) 461-0079
Fax: (410) 750-6340

90
FUTURE

100 YR. FLOODPLAIN

STREAM

25' WETLANDS BUFFER

LIMIT OF WETLANDS

478

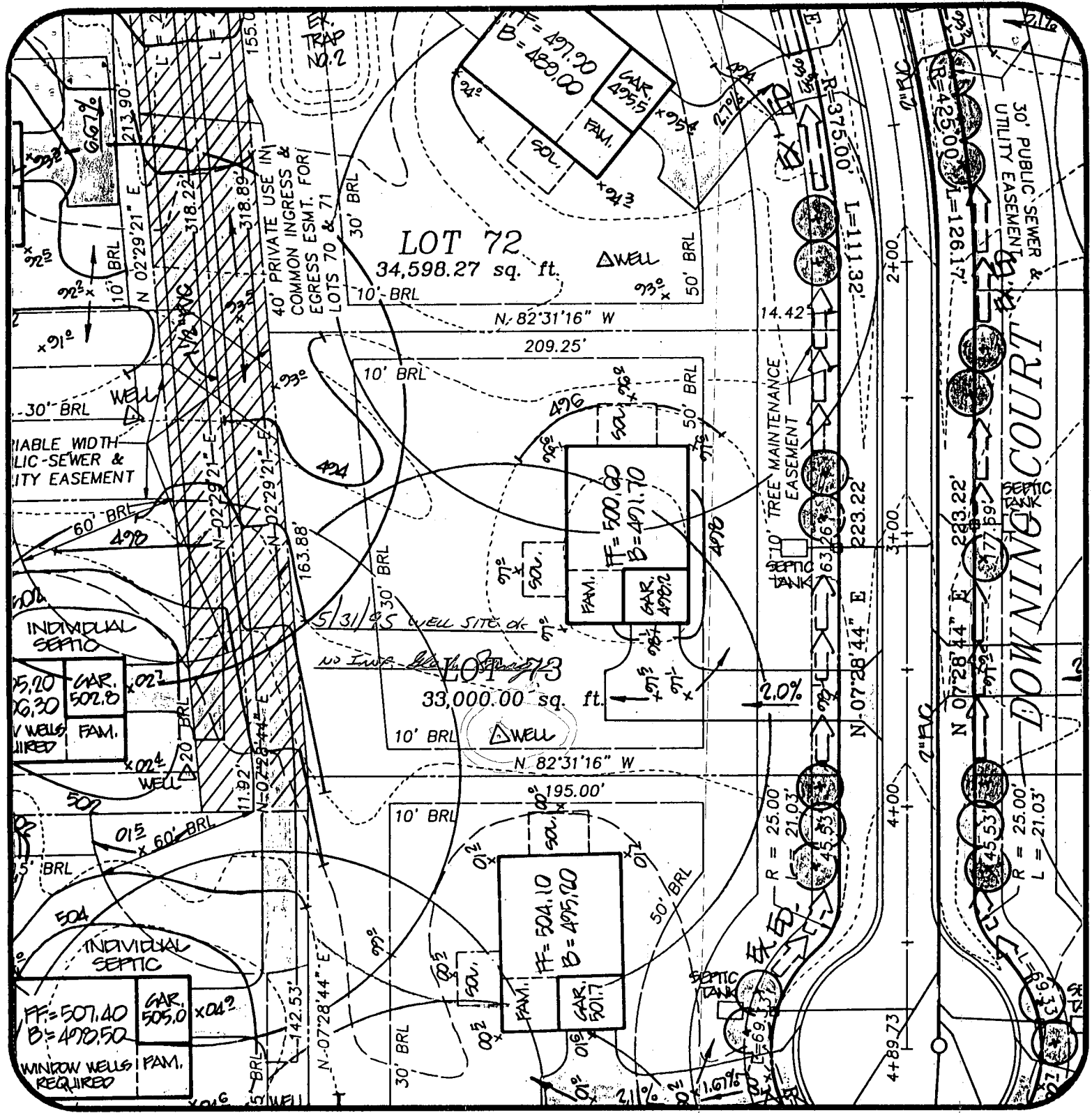
25' WETLANDS BUFFER

	FF ELEV	INV. OUT OF HOUSE	EXIST. GROUND AT SEPTIC TANK	PROP. GROUND AT SEPTIC TANK	INV. INTO SEPTIC TANK
LOT 68					
LOT 69					
LOT 70					
LOT 71					
LOT 72					
LOT 73	500.60	494.60	498.10	496.10	490.90
LOT 74	504.10	498.10	501.04	500.2	496.00
LOT 75	506.90	500.30	502.10	500.60	496.60
LOT 76	505.60	499.60	499.70	500.50	496.50
LOT 77	502.10	496.10	497.6	498.1	493.6
LOT 78	502.10	496.10	500.39	499.2	494.1
LOT 79	504.60	490.60	500.06	500.40	496.0
LOT 80	502.70	496.70	498.86	497.7	494.0
LOT 81	499.90	493.90	492.42	493.0	490.0
LOT 82					
LOT 83					

169
18

Knowlton R.M. MOCHI GROUP, P.C.
E.L. BARNES
LAND SURVEYOR

Ashleigh
Lot 73
B00112-226



Ashleigh Knolls
Lot 73

DATE: 5/2/95

PROJECT NO.:
82027-01

DRAWN BY:
TJP

SCALE:
1" = 50'

R.M. MOCHI GROUP, P.C.

CIVIL ENGINEERS
LAND SURVEYORS

PLANNERS
ENVIRONMENTAL

3300 N. Ridge Road, Suite 235
Ellicott City, MD 21043-3305

(410) 461-0079
Fax: (410) 750-6340

** Receive Conf. Report **

Oct 29 '98 9:15

HDCO ENVHEALTH	---> INSPECTIONS&ENFORCEMNT
No.	0002
Mode	NORMAL
Time	0'55"
Pages	1 Page(s)
Result	O K