

C.O. 9:00
8-17-95

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50586A

A _____

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

TOXID#
05-418771

DATE 3-16-95

DATE SYSTEM APPROVED 8/18/95

INSPECTOR *A. P. Kelly*

INDEXED

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL ALTER _____

ADDRESS 3 N. Main Street, Mt. Airy, Maryland 21771 PHONE 795-6566

SUBDIVISION Ashleigh Knolls LOT 56 ROAD 7001 Helmsdale Court

PROPERTY OWNER ~~Winchester Homes, Inc.~~ Mark Timmick

ADDRESS Greenbelt, MD 20770

BLDG. PERMIT SIGNED
AND RETURNED 5/27/95
Serial # 58329
SFD-4Bm

- 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 permit is limited to installation of the individual house sewer line only. Location as per the signed building permit site plan, copy attached.

- As the community system is not yet approved for service, connection to the septic tank is prohibited at this time. Sewer line is to be capped so as to maintain a minimum 2 foot separation from the connecting stub on the inlet side of the septic tank.

Contact Health Department for inspection before covering the installation.

*** Shared system approved for service as of August 15, 1995. OKAY to connect house sewer to septic tank. ***

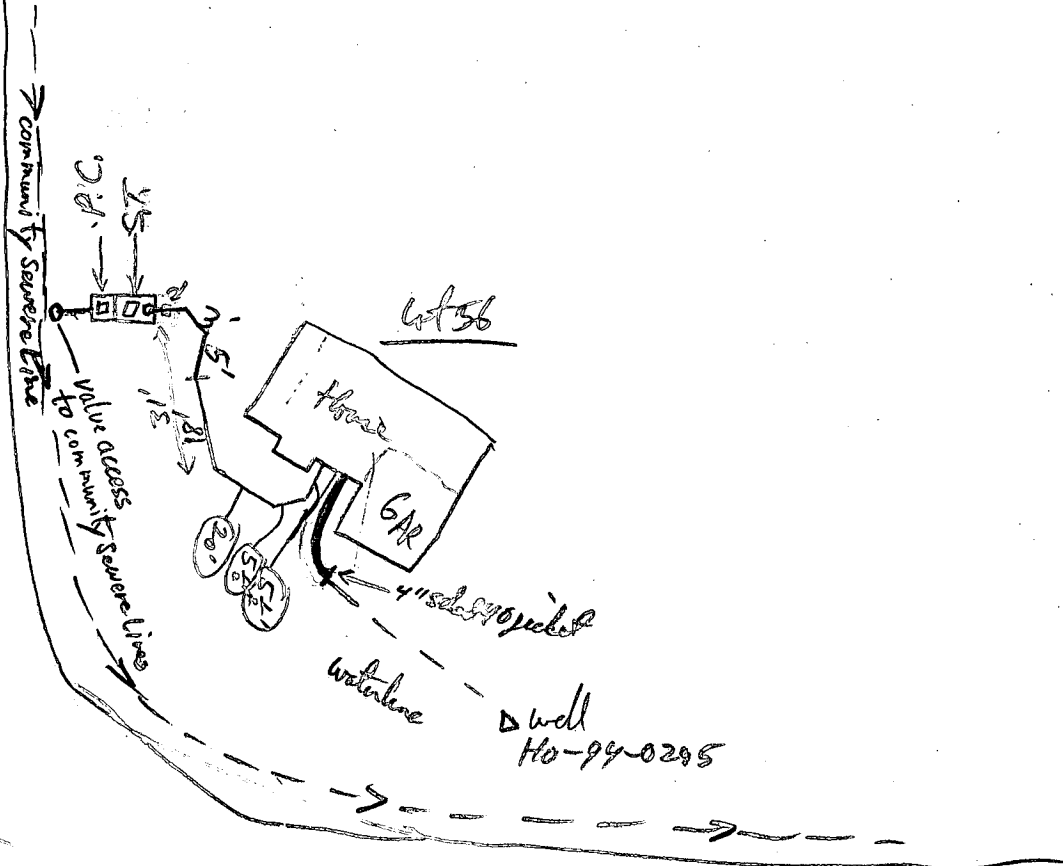
Addition - Deck/Porch
BLDG. PERMIT SIGNED
AND RETURNED 4-19-96
Serial # 64430

P 50586A

PLANS APPROVED BY *Craig Willett*

DATE 5/9/95

Chilton Court



to install. Connect

5/10/95 ① Sewer line stop 10 ft from Septic Tank Connection
S.T. OK to lower Installed Section RPP 5/10/95

② water line connection installed - need to Dangle jacket
water line where 10 ft or less to sewer pipe (Near House only 6 ft separation)
Installer plans to use sch 40 - former jacket
✓ Jacket connection on waterline OK RPP 5/10/95

③ last section of House connection to S.T. OK to lower. RPP 8/19/95

8/18/95 ④ Ball Valve Leaks Control Box/alarm doesn't activate pumps - to be replaced/repaired.

8/18/95 ⑤ alarm/control box has been replaced - works OK per DPW. RPP OK

APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

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

SERIAL NUMBER

58329

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

7001 Helmsdale Court
Clarksville, Md. 21029

GRADING/SEDIMENT CONTROL YES NO

G-3058
SDP#

DESCRIPTION OF WORK AUTHORIZED

House type is Exeter:
2 story, full basement, 9R, 3FB, garage,
4BR, opt. FP

LOT NO.	PARCEL NO.	SEC.	AREA	BLOCK NO.	LIBER	FOLIO
56	174	2	2	7		
SUB DIVISION		ZONE	ZONE MAP	ELEC. DIST.	CENSUS TR.	
Ashleigh Knolls		RR	41	5	6051.02	

OWNER NAME AND ADDRESS
Winchester Homes, Inc.
6305 Ivy Ln., Suite 800
Greenbelt, Md. 20770
PHONE NO. (301) 489-1144

OCCUPANT'S NAME AND ADDRESS
PHONE NO.

ARCHITECT OR ENGINEER'S NAME AND ADDRESS
R.M. Mochi & Assoc.
330 N. Ridge Rd., Suite 234
Ellicott City, Md. 21043
PHONE NO. (410) 621-5768

CONTRACTOR'S NAME AND ADDRESS
Same As above
PHONE NO.

EXISTING USE
Vacant
PROPOSED USE
Res. Single Family

EST. CONSTRUCTION COST \$155,000
LICENSE NUMBER 158-14160
PERMIT FEE

W/S CODE

DISTRICT IN FEET FROM R/W LINE TO FRONT BUILDING LINE _____
SIDE YARD _____
(DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)
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

SIZE OF BLDG.	FRONT	DEPTH	HEIGHT
	60'	36' 4"	10'
	40'	30'	10'
	29' 3"	30' 4"	9'

TYPE OF BLDG.	AREA	VOLUME	ROOF
B. ROOMS			Asph gable
ROOMS			
BATHS			
FIREPLACES			

FOOTINGS	FOUNDATION	S. WALLS
15x8	8" conc	wood frm siding

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

I have carefully examined and read this application and know the same is true and correct, and that in 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 completed with.

SIGNATURE
Permit Administrator
TITLE DATE

FUNCTION	DATE	SIGNATURE APPROVAL
ZONING/PLANNING		
SHA		
SEDIMENT/GRADING		
BUILDING OFFICIAL		
WATER & SEWER		
HEALTH DEPT.	3/27/95	<i>C. J. Williams</i>
FIRE PROTECTION		
STORM WATER MGM.		

APPROVED DATE

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

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

C1 5956

SEQUENCE NO. (DENV 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)

COUNTY NUMBER W 56240 P

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT) 700

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-99-0295

OWNER W. H. HARRIS last name first name TOWN Highland SUBDIVISION SECTION LOT 56

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 Topsoil, Br. mica w/clay, Br. mica, Green mica, Gray mica, etc.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED.

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...

DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 32 NO. OF POUNDS 3200 GALLONS OF WATER 160 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 45 ft.

CASING RECORD casing types insert appropriate code below ST CO STEEL CONCRETE PL OT PLASTIC OTHER MAIN CASING TYPE S1 6 80 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO STEEL BRASS OPEN HOLE BRONZE HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.) 78 900 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

MDE 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

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 119 WHEN PUMPING 220 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) above below 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) Well 30' 80' R. Prop. 11/17

8-2-13-95 8:00

Review OK 5/10/96 JJP

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0295
Location of property (road) Chilcot Ct
Subdivision Ashleigh Knolls Lot 56 Block _____ Plat _____ Sec. _____
Well Driller Easterday Owner Winchester Homes

Depth of well 400 Gpm
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 14'

I. High rate pumping -- reservoir drawdown

Time pump started 8:50 Pumping rate 12 G.P.M.
Total time 40 min to reach pumping water level 220' ft. below M.P.

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

Pump 380

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1/2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	220'	50 sec		1 1/4 G.P.M.
9:45	220'	50 sec		1 1/4 G.P.M.
10:00	220'	50 sec		1 1/4 G.P.M.
10:15	220'	50 sec		1 1/4 G.P.M.
10:30	220'	50 sec		1 1/4 G.P.M.
10:45	220'	50 sec		1 1/4 G.P.M.
11:00	220'	50 sec		1 1/4 G.P.M.
11:15	220'	50 sec		1 1/4 G.P.M.
11:30	220'	50 sec		1 1/4 G.P.M.
11:45	220'	50 sec		1 1/4 G.P.M.
12:00	220'	50 sec		1 1/4 G.P.M.
12:15	220'	50 sec		1 1/4 G.P.M.
12:30	220'	50 sec		1 1/4 G.P.M.
12:45	221'	50 sec		1 1/4 G.P.M.
1:00	221'	50 sec		1 1/4 G.P.M.
1:15	221'	50 sec		1 1/4 G.P.M.
1:30	221'	50 sec		1 1/4 G.P.M.
1:45	221'	50 sec		1 1/4 G.P.M.
2:00	221'	50 sec		1 1/4 G.P.M.
2:15	221'	50 sec		1 1/4 G.P.M.
2:30	221'	50 sec		1 1/4 G.P.M.
2:45	221'	50 sec		1 1/4 G.P.M.
3:00	221'	50 sec		1 1/4 G.P.M.
3:15	221'	50 sec		1 1/4 G.P.M.
HD-224 3:30	221'	50 sec		1 1/4 G.P.M.

B 1	4038	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-99-0295 <small>70 fill in this form completely 78</small>
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Date Received (APA)
20989

OWNER INFORMATION

WINCHESTER HOMES
Last Name Owner First Name

6305 IVY LANE
Street or RFD

GREENBELT MD 20770
Town State Zip

B 3 LOCATION OF WELL

HOWARD COUNTY

ASALEIGH KNOLLS SUBDIVISION

SECTION LOT **56**

HIGHLAND NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** MI

DRILLER INFORMATION MSD/MGD/MWD

George F. Easterday License No. **40**

L. Franklin Easterday, Inc. Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771 Address

George F. Easterday Signature **9-19-94** Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **CHILCOT CT**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

150 DISTANCE FROM ROAD

ENTER FT OR MI **FT**

TAX MAP: _____ BLK: _____ PARCEL _____

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME **W50290 P** COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED **01/17/95** INSERT S

Mark E. Ruffin CO SIGNATURE **1/17/96** EXP. DATE

NORTH GRID **487000** EAST GRID **0819000**

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- Wells**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

8109
4807

WELL AT STAKE

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** **Jetted & DRIVEN**

AIR-ROTARY **AIR-PERCussion** **ROTARY** (Hydraulic Rotary)

CABLE **REVerse-ROTary** **Drive-POINT**

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER **GAP**

FORCE **MR** WRITE INITIALS IN BOX PERMIT No. **40-99-0295**

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED = **Site inspection before drilling**

COUNTY _____

ASHLEIGH KNOLLS

W50290 P

SUBDIVISION:

LOT NUMBER: 56

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total Square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

1500 GAL. "CUSTOM" SEPTIC TANK

TRENCHES

N/A sq. ft./bedroom

Trench to be _____ wide.

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

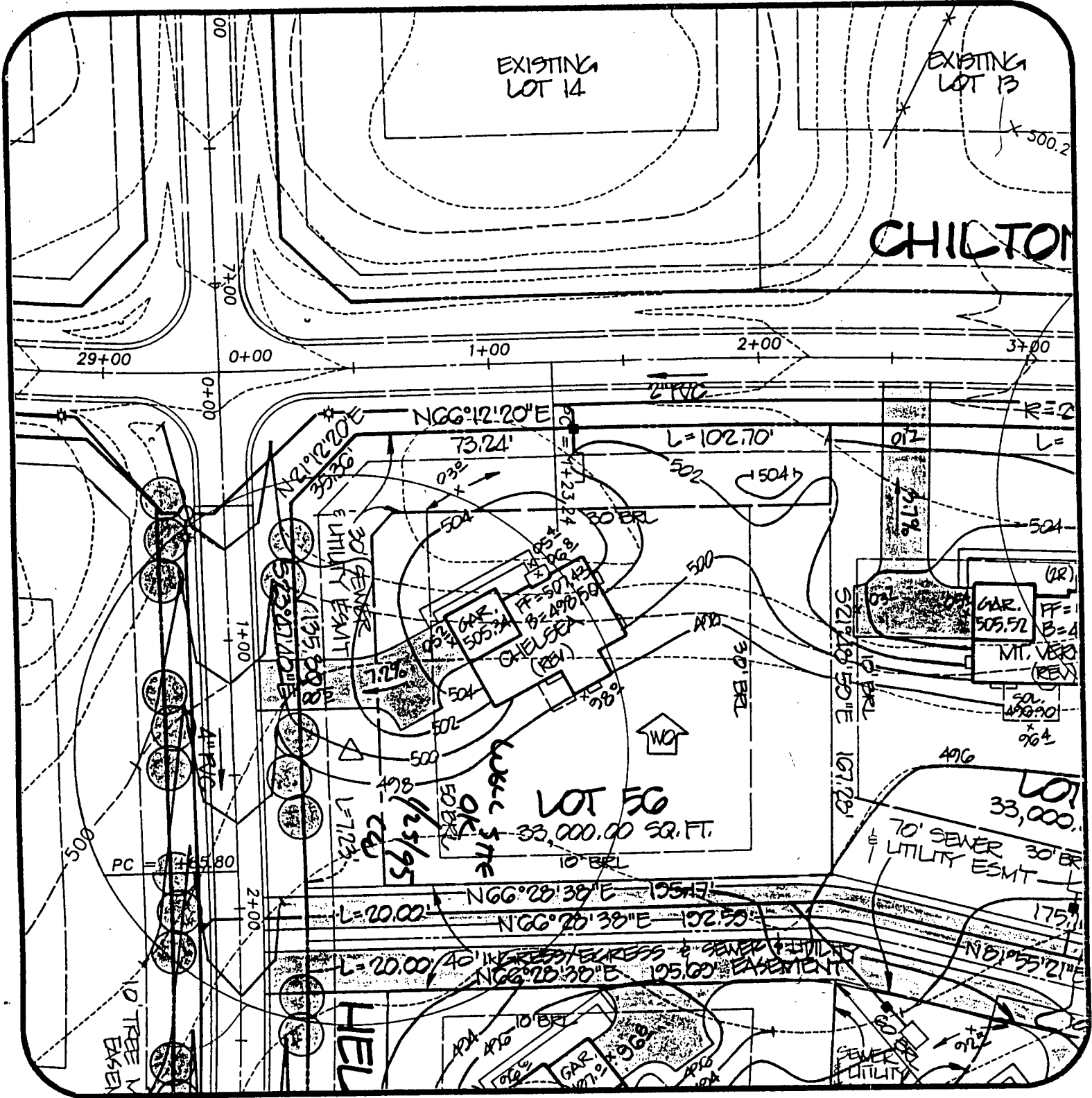
_____ feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: SHARED DISPOSAL FIELD,

POINT OF CONNECTION IS COMMON SEWER LINE AT FRONT PROPERTY BOUNDARY.

2/2/95 C. Wilkin



✓ Ashleigh Knolls
Lot 5G

DATE: 9/20/24

PROJECT NO.: 89027.01c

DRAWN BY: TJP

SCALE: 1" = 50'

R.M. MOCHI GROUP, P.C.

CIVIL ENGINEERS
LAND SURVEYORS

PLANNERS
ENVIRONMENTAL

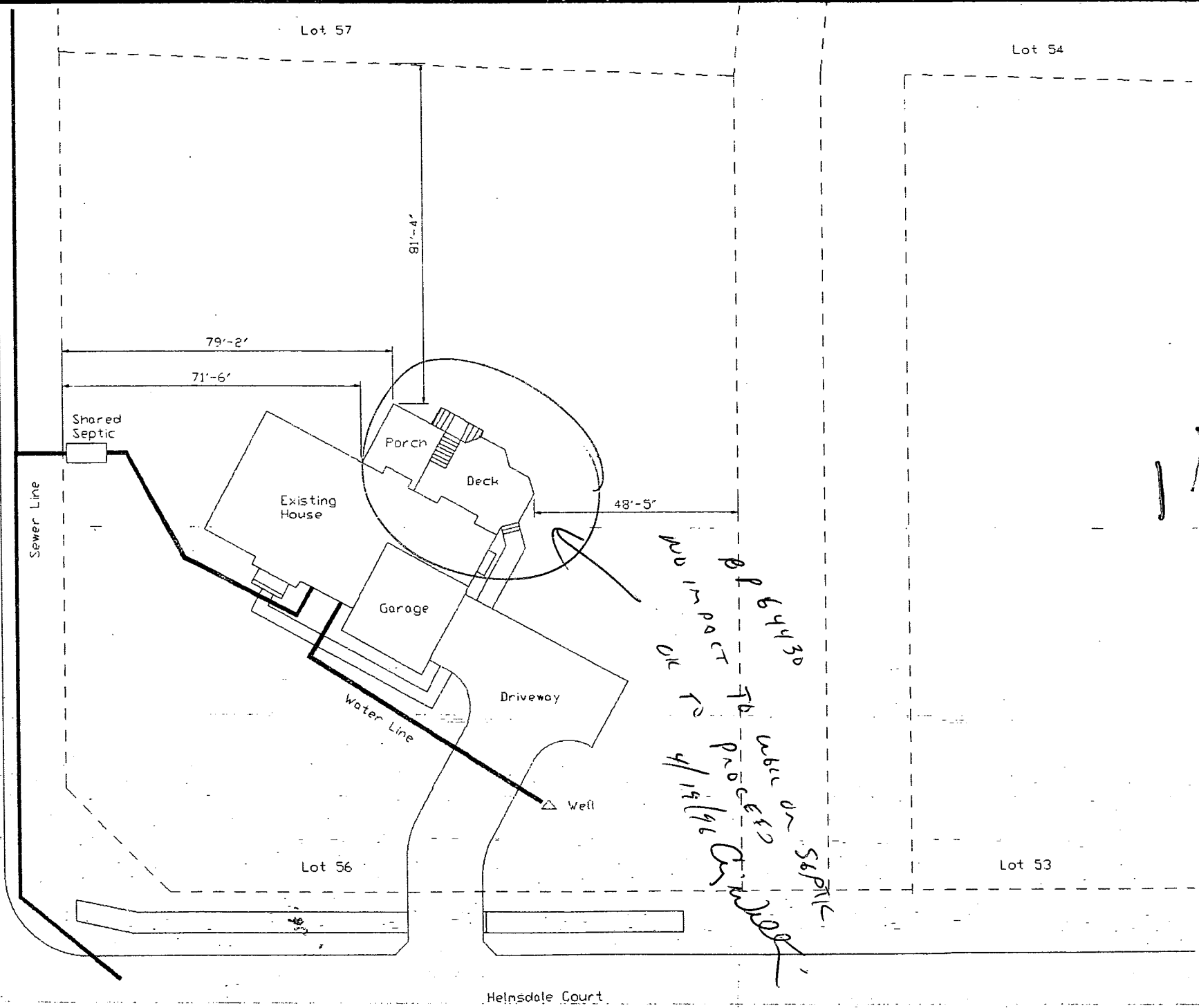
3300 N. Ridge Road, Suite 235
Ellicott City, MD 21043-3305

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

Chilton Court

Lot 57

Lot 54



Lot 56

Lot 53

Helmsdale Court

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-H Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
 Replacement

Receipt # 0
 Date 4/18/95

Name of Installer Van Sant Plog & Dlg

Telephone 829-0444

License Number 1469
 Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Winchester Homes Telephone 1-800-682-6726
 Subdivision Dunleugh Knolls Lot # 56 Well Tag # HO-94-0295
 Site Address 7001 Helms Dale Ct

Pump
 1. Type
 a. Deep well jet _____
 b. Shallow well jet _____
 c. Submersible
 2. Make Goulds
 3. Model # _____
 4. Capacity _____ 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 3/4
 2. RPM _____
 3. Voltage _____
 a. 110 _____
 b. 220

Pitless Adapter
 1. Make Campbell
 2. Model # 510X
 3. Depth 48"

Tank
 1. Capacity 4-100
 2. Pressure relief valve?

Piping
 1. Type P.S
 2. Size 1"
 3. NSF and/or BOCA Code approved
 4. Depth of supply line 48"

Well data
 1. Depth 400 ft.
 2. Yield _____ GPM
 3. Static water level _____ ft.
 4. Will water supply be disinfected by installer?

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).

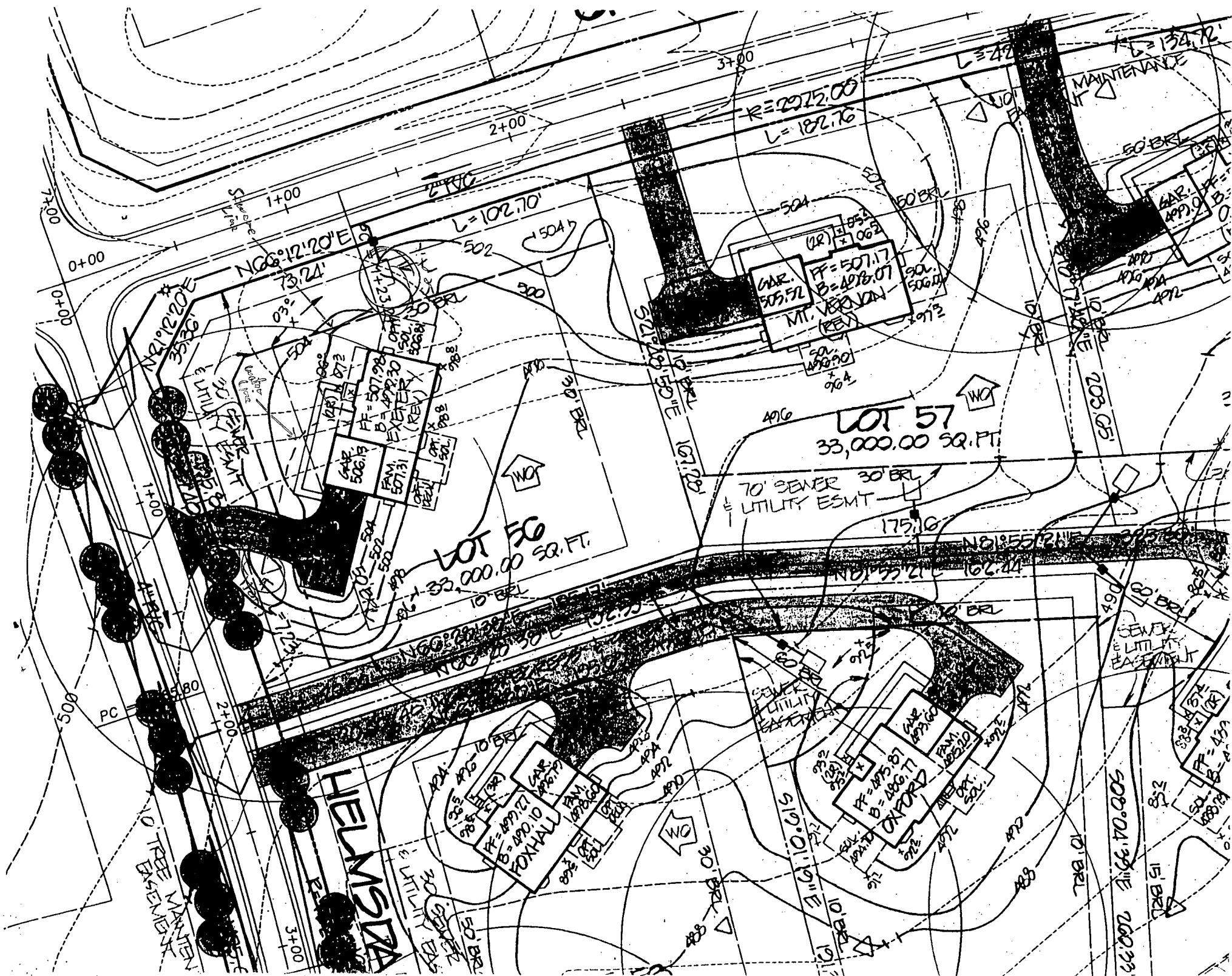
All information given above is true to the best of my knowledge.

5/20/95
 AP
 Pitless adapter & water line OK (water line double jacketed Near House where < 10' from septic line)

Signature of Applicant: [Signature]

Date: 4/13/95

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



HELMSFORD

LOT 56
33,000.00 SQ. FT.

LOT 57
33,000.00 SQ. FT.

LOT 58
50,004.39 SQ. FT.

FOX HALL
GAR. PF=499.17 B=490.10
FAM. PF=492.00
MT. PF=492.00

OXFORD
GAR. PF=495.87 B=486.77
FAM. PF=492.00
MT. PF=492.00

EXETER
GAR. PF=507.98 B=492.30
FAM. PF=507.31
MT. PF=507.31

MT. VERNON
GAR. PF=509.72 B=498.07
MT. PF=507.17 B=498.07

BAR.
PF=499.00 B=490.00

NEUTRAL TREE REMOVAL
BASEMENT

SEWER & UTILITY BASEMENT

SEWER & UTILITY BASEMENT

MAINTENANCE



HOWARD COUNTY HEALTH DEPARTMENT

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

September 1, 1995

Winchester Homes
6305 Ivy Lane, Suite 800
Greenbelt, Maryland 20770

RE: Ashleigh Knolls, Lot #56
7001 Helmsdale Court
Well Permit #HO-94-0295

Dear Sirs:

This is to advise you that the septic system for the above referenced property was installed, inspected and approved on August 18, 1995.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.


INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-0295. No guarantee can be given for health protection beyond this date of issue. Based upon satisfactory investigation and evaluation by the Howard County Health Department, the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.09.

This certificate may become final upon completion of the final bacteriological test which is to be taken by the county health department within six months.

Date of Water Sample: August 29, 1995
Date of Well Completion: February 10, 1995

Approving Authority,


Donna K. Soe, Sanitarian
Water and Sewerage Program

DKS

cc: Building Inspector's office
file