

1-14-97 house connection needed

11/13/97  
2:00 (site insp)  
1-14-97  
late P.M. 10-15

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57574A

A 50036V

DISTRICT 5th

DATE 11/23/96

05-423619

INDEXED

DATE SYSTEM APPROVED 1-15-97

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~XXXX-9933X~~ 313-2640

Jack Fyock Septic Service \_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER \_\_\_\_\_

ADDRESS 4105 Ten Oaks Road, Dayton, Maryland 21036 PHONE 988-9270

SUBDIVISION Windy Knolls LOT 16 ROAD 6448 Prestwick Drive

PROPERTY OWNER Cornerstone Homes, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

\*All adjustments made as a result of site insp. made 1/13/97 w/contractor.

TRENCHES - Trench to be 3 feet wide. Inlet <sup>5.0</sup> ~~3.0~~ feet below original grade. Bottom maximum <sup>20</sup> ~~30~~ depth <sup>7.0</sup> ~~5.0~~ feet below original grade. Effective area begins at ~~3.0~~ feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box <sup>14.0</sup> ~~19.0~~ feet down the left lot line and ~~10~~ feet off this same lot line as seen when facing the lot from Prestwick Drive. Run trenches on contour ~~in both directions towards the rear lot line.~~

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 11/13/96 DKS

PLANS APPROVED BY Donna K. Soe DATE 11/06/96

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

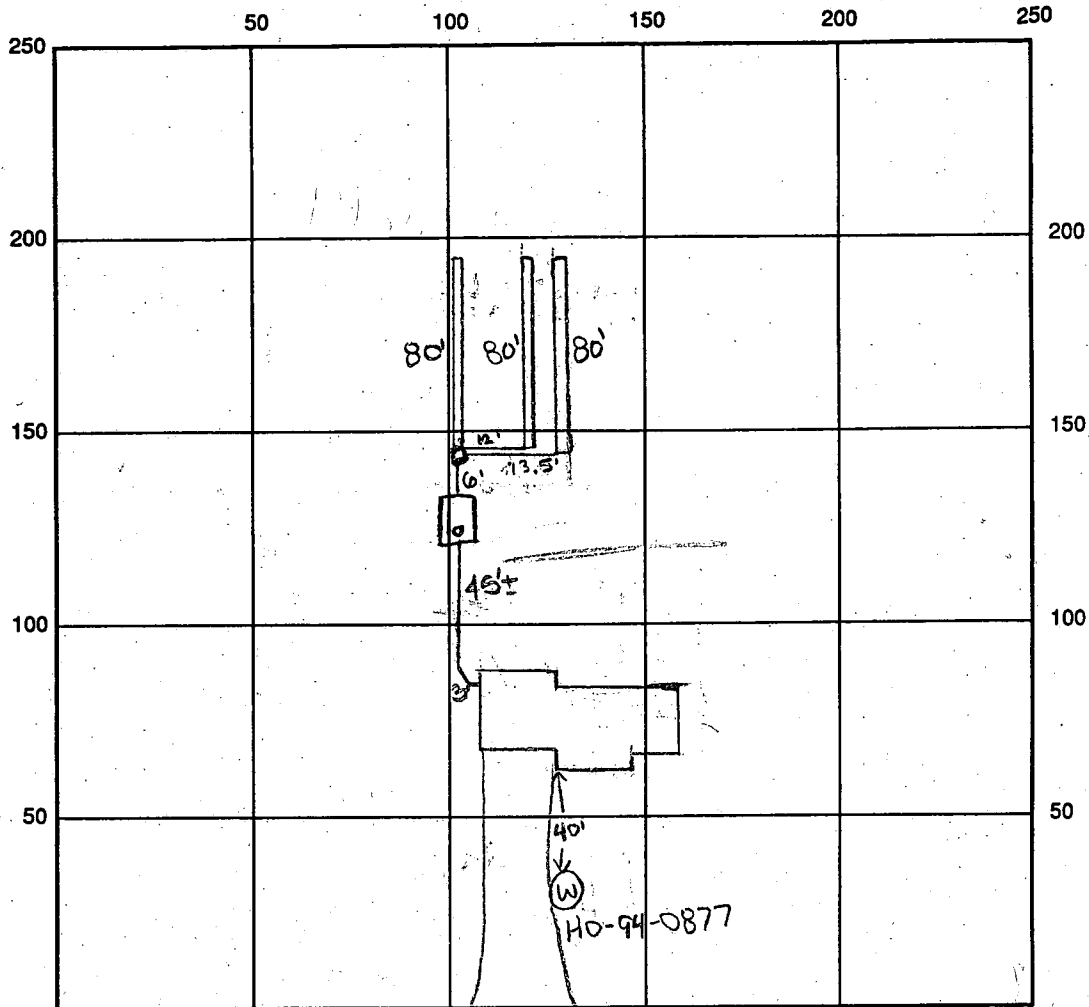
PERMIT VOID AFTER TWO YEARS

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**

A 50036-V



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Prestwick Drive

SEPTIC TANK LEVEL OK CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 3 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 x 80 FT. → 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 1/14/97 OK to cover distribution box and trenches, no house connection KM

1/15/97 FINAL - OK to cover all work. DCS

DATE SYSTEM APPROVED 1/15/97 INSPECTOR Douglas J. Cor

# APPLICATION

PERCOLATION TESTING

A 50036 V

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 5/18/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Clarksville Pike Joint Venture Cornerstone Homes, Inc  
C/O Land Design + Development Inc  
ADDRESS 10805 Hickory Ridge Rd Col MD 21044 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Mark Reich

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Windy knolls LOT NO. 21 16

ROAD AND DESCRIPTION West side of Clarksville Pike (Rt 108)  
(6448 Prestwick Drive)

TAX MAP 34 PARCEL # 84+134

SIZE OF LOT 1 + or - acres TYPE BLDG. SFD - 4Brm  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED  
AND RETURNED 11/6/94  
Serial # B111-01499

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.

Mark Reich  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

50036 V

COUNTY #

SOIL PROFILE

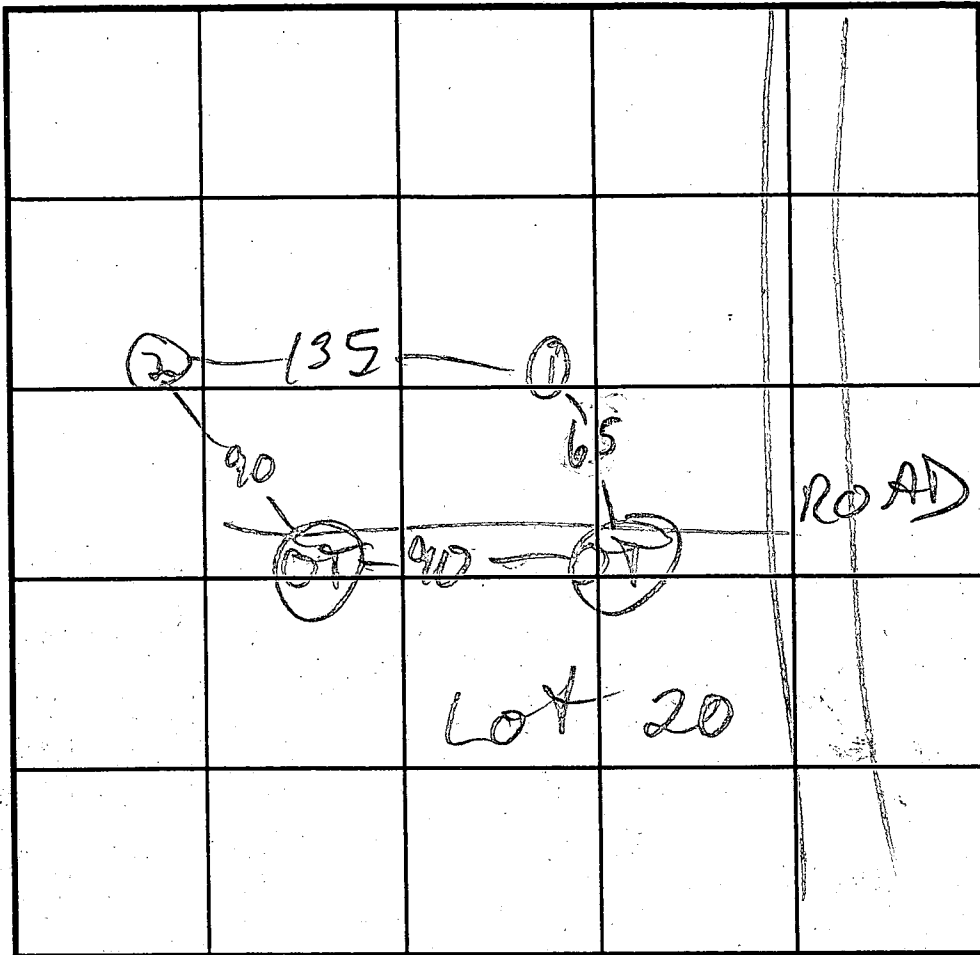
0'

tan  
 sa  
 cl / lm  
 ---  
 brn  
 tan  
 sand  
 &  
 sa lm

SOIL PROFILE

0'

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/22/94	1 S	3 1/2	12:14:00	12:14:12	12:14:12	12:14:40	FAST
			12:15:50	12:17:50	12:17	12:24	7
	1 V	11					
	2 S	3 1/2	12:29:30	12:30:00	12:30:00	12:31	1
	2 V	11					

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

# APPLICATION

PERCOLATION TESTING

A 500364

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 5/18/94

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Clarksville Pike Joint Venture

C/O Land Design + Development Inc  
ADDRESS 10805 Hickory Ridge Rd Col Md 21044 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Mark Reich

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Windy knolls LOT NO. 20 17

ROAD AND DESCRIPTION West side of Clarksville Pike (Rt 108)

TAX MAP 34 PARCEL # 84+134

SIZE OF LOT 1 + or - acres TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

~~000366~~  
COUNTY #

SOIL PROFILE

0' (1)(2)  
tan  
sa  
cl 1m

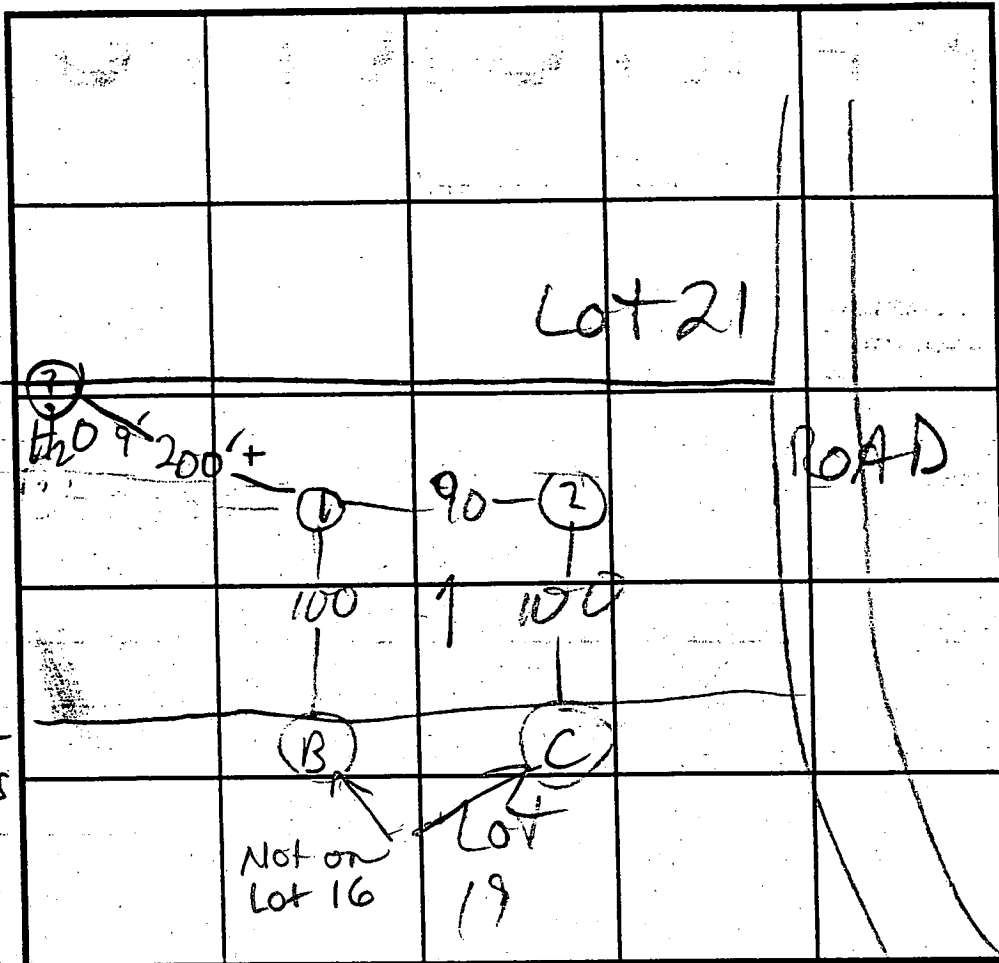
2' tan  
beige  
sand  
+  
sa 1m

(B)(C) per  
DKS  
topsoil

1' red br  
cl 1m

3' br tan  
sa 1m

12-13



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/27/94	1S	3 1/2	11:53:00 11:53:50	11:54:30	11:54:30	11:55:35 11:55	FAST FAST
1	1S	3 1/2	11:55:15 11:57:10	11:56:00 11:57:45	11:56:00 11:57:45	11:56:40 11:58:30	40 sec 45 sec
	1V	10 1/2	see profile				
	2S	4 1/2	12:03:50	12:04:25	12:04:25	12:06:50	2 1/2 min
	2V	10 1/2	see profile				
5/25/94	BS	4	11:42	11:48	11:48	11:59	11
	DKS BV	13	see profile				
	CV	12	see profile				

REMARKS (1)(B)(C) PER PLAN

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT OK Jr

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4

TRENCH WIDTH 3

INLET DEPTH 3

MAXIMUM BOTTOM DEPTH 5

SQ. FT./BEDROOM 180

C1 7984 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A50036V

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

ST/CO USE ONLY DATE RECEIVED 090996

DATE WELL COMPLETED 080896

Depth of Well 105 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-0877

OWNER LDD last name Prestwick first name DINE TOWN Clarksville SUBDIVISION Windy Knolls SECTION LOT 16

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top Soil (0-5), Brown Shell + Sandstone (6-30), Sandstone + Micarolite (31-105), GOT WATER AD.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (8 BAGS), NO. OF POUNDS (152), GALLONS OF WATER (48), DEPTH OF GROUT SEAL (0-70)

CASING RECORD: casing types insert appropriate code below (PL, ST, CO, OT)

MAIN CASING TYPE: PL (60-61), 64 (63-64), 45 (66-67), 70 (68-70)

OTHER CASING (if used) table with diameter and depth columns

SCREEN RECORD: screen type or open hole (HO), STEEL (ST), BRASS BRONZE (BR), PLASTIC (PL), OTHER (OT)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y)

CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), P (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...

TYPE: MWD/MSD/MD DRILLERS LIC. NO. 043 Wayne Harley

DRILLERS SIGNATURE (Must match signature on application) L.C. NO. 350-062

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

C2 DEPTH (nearest ft.) table with handwritten entries: 40, 41, 105

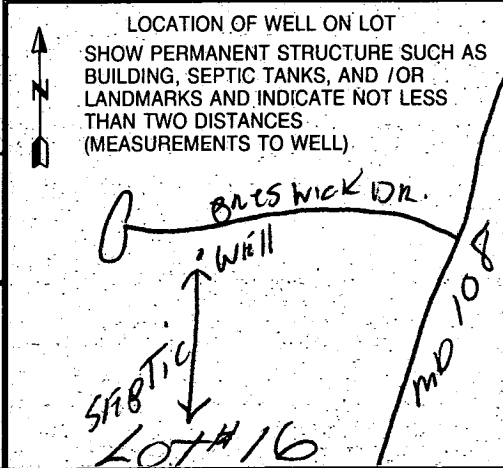
SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN (NEAREST INCH) 56, 60

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

C3 PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (15), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (18 ft. before, 35 ft. when pumping), TYPE OF PUMP USED (S submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (+ above, - below), LAND SURFACE (50-51 foot)





**HOWARD COUNTY HEALTH DEPARTMENT**

*Joyce M. Boyd, M.D., County Health Officer*  
February 12, 1997

**MEMORANDUM**

TO: Cornerstone Homes, Inc.  
7405 Bucks Haven Lane  
Highland, Maryland 20777

FROM: Donna K. Soe, R.S. *(DKS)*  
Water and Sewerage Program

RE: Windy Knolls, Lot #16  
6448 Prestwick Drive  
Well Permit #HO-94-0877  
**Damaged Well Casing**

*Resolved  
DKS*

It was reported to this office February 11, 1997, by Perry Harley, who drilled the above referenced well, that the well casing may have been damaged beyond repair as a result of grading for the installation of the driveway for the above address.

The well needs to be located so the well driller may evaluate its condition and determine whether or not the casing is repairable. If it is deemed repairable, evaluation is also needed as to any necessary redevelopment resulting from debris that may have fallen into the well.

Once the well is repaired or abandoned, then the issue of a replacement well can be considered, if appropriate.

Please contact this office for reinspection request as necessary, depending upon the condition of the well casing and necessary remediation. This issue regarding the state of the well construction must be resolved prior to any request for approval of the well water supply. If you have any questions or concerns, please contact me at (410) 313-2640.

DKS

cc: file

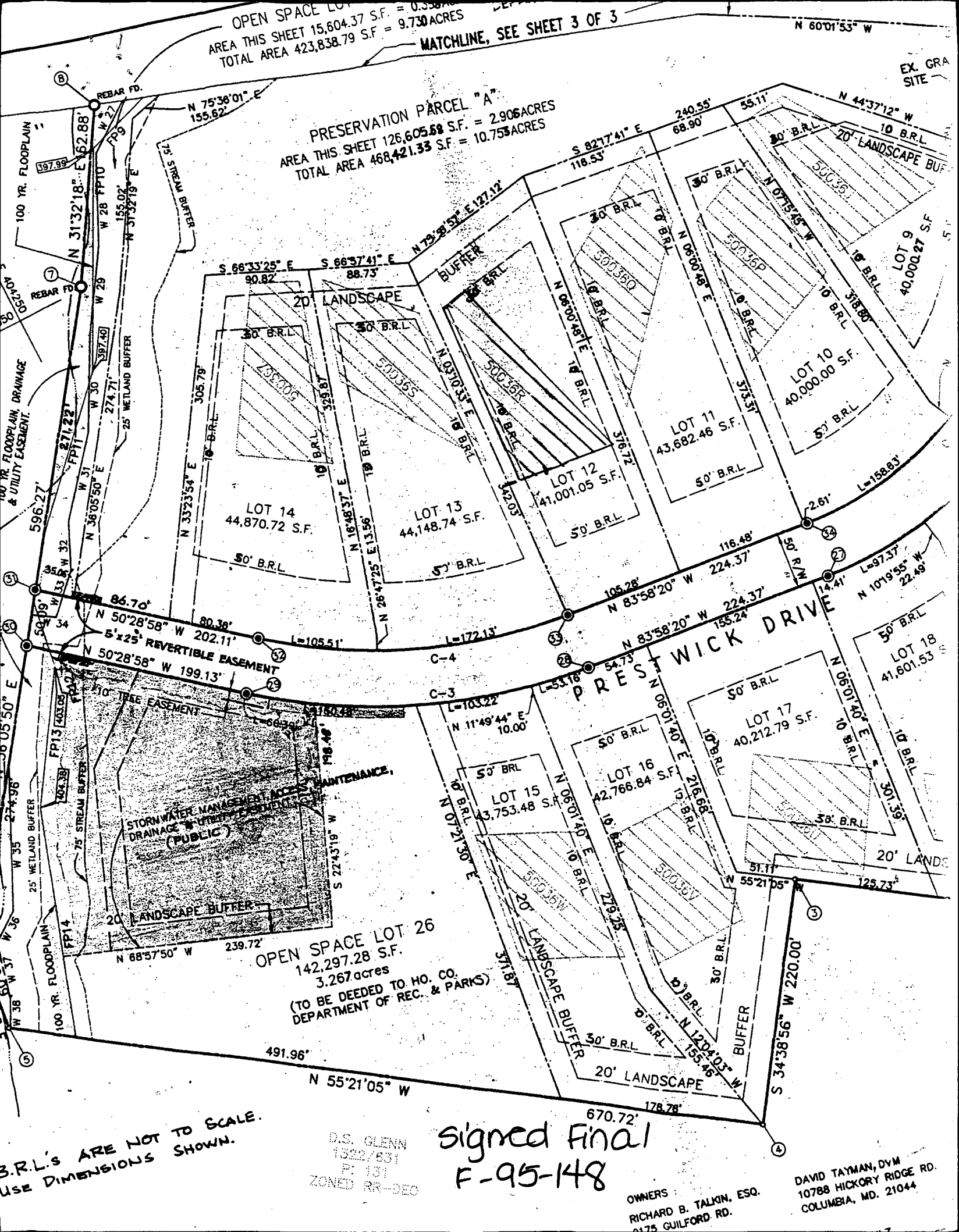
OPEN SPACE LOT 26  
 AREA THIS SHEET 15,604.37 S.F. = 0.358 ACRES  
 TOTAL AREA 423,838.79 S.F. = 9.730 ACRES

MATCHLINE, SEE SHEET 3 OF 3

N 60°1'53" W

EX. GRA SITE

PRESERVATION PARCEL "A"  
 AREA THIS SHEET 126,605.58 S.F. = 2.906 ACRES  
 TOTAL AREA 468,421.33 S.F. = 10.753 ACRES



3. B.R.L.'s ARE NOT TO SCALE.  
 USE DIMENSIONS SHOWN.

D.S. GLENN  
 1322/831  
 P: 131  
 ZONED RR-DEO

Signed Final  
 F-95-148

OWNERS:  
 RICHARD B. TALKIN, ESQ.  
 2175 GUILFORD RD.

DAVID TAYMAN, DVM  
 10788 HICKORY RIDGE RD.  
 COLUMBIA, MD. 21044

OPEN SPACE LOT 26  
142,297.28 S.F.  
3.26 acres

LOT 14  
44,867 sq. ft.  
15' B.R.L.

LOT 13  
44,148 sq. ft.  
15' B.R.L.

LOT 15  
43,755 sq. ft.  
15' B.R.L.

LOT 12  
40,959 sq. ft.  
15' B.R.L.

LOT 16  
42,866 sq. ft.  
15' B.R.L.

LOT 11  
43,682 sq. ft.  
15' B.R.L.

Copy of signed  
Perc Plan

LOT 17  
40,212 sq. ft.  
15' B.R.L.

LOT 10  
40,000 sq. ft.  
15' B.R.L.

LOT 18  
41,602 sq. ft.  
15' B.R.L.

LOT 19  
48,771 sq. ft.  
15' B.R.L.

LOT 20  
44,393 sq. ft.  
15' B.R.L.

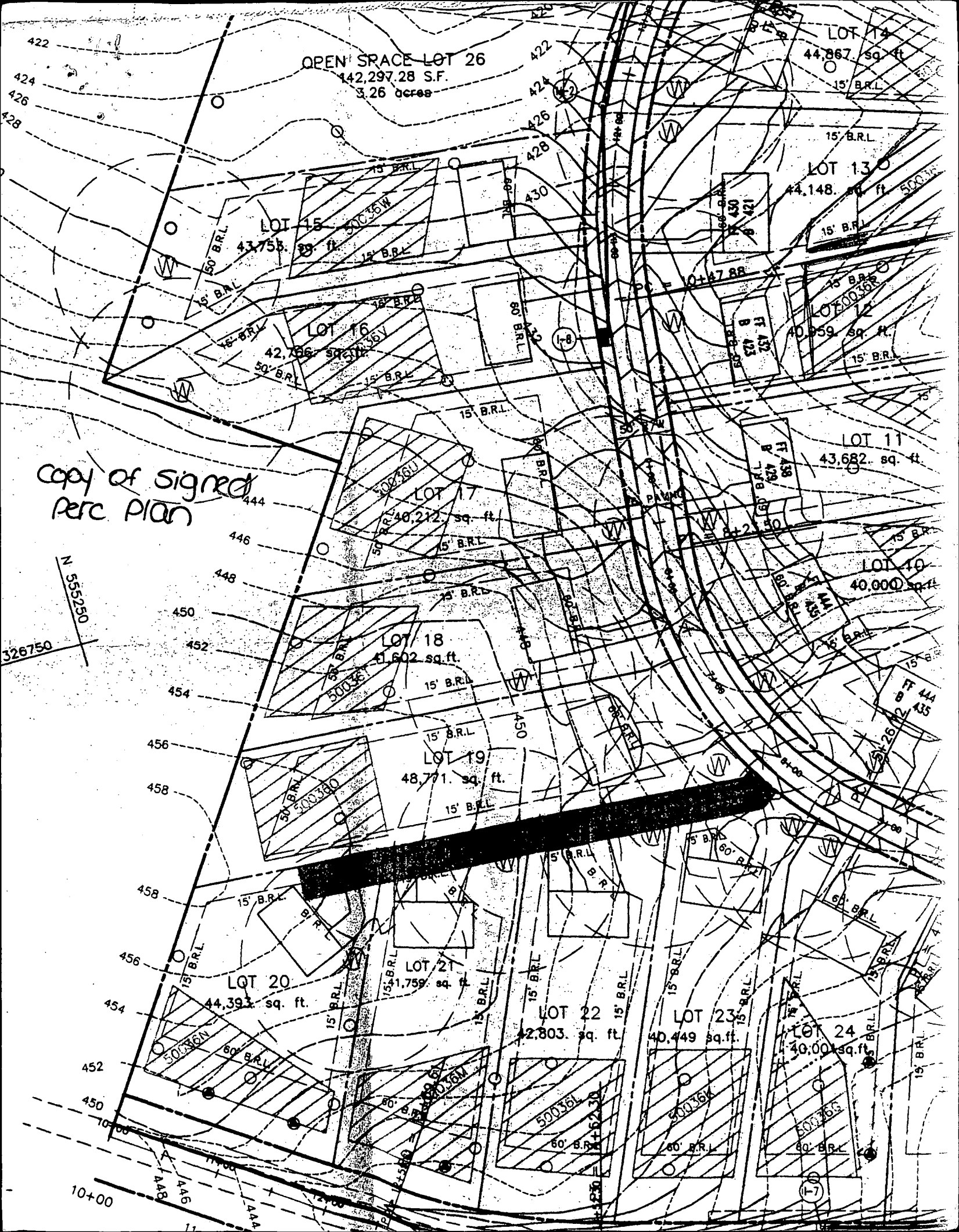
LOT 22  
42,803 sq. ft.  
15' B.R.L.

LOT 23  
40,449 sq. ft.  
15' B.R.L.

LOT 24  
40,000 sq. ft.  
15' B.R.L.

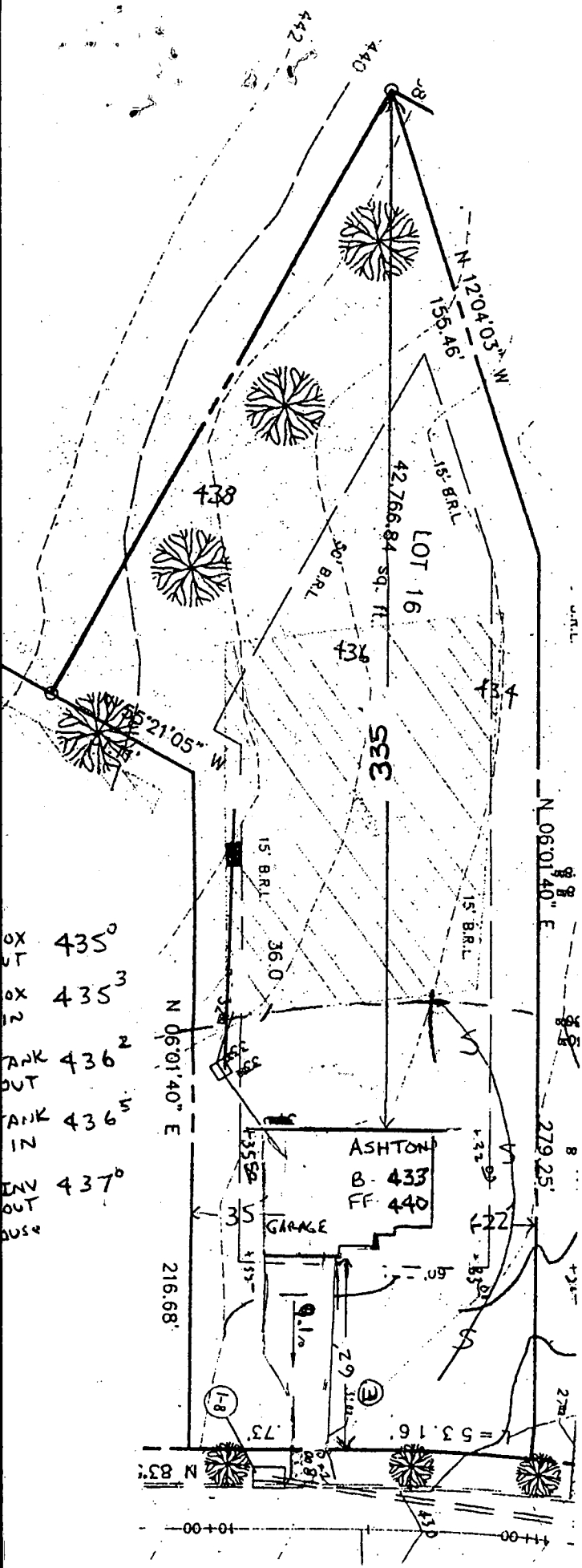
N 555250  
326750

10+00



8-2-96

PREVIEW Ok Jey




Approved Septic System Plan  
Howard County Health Department

*Serina K. Sore*  
Signature

11/6/96  
Date

TRENCH LENGTH TO BE DETERMINED  
AT TIME OF SEPTIC INSTALLATION

PROJECT :		WINDY KNOLLS LOT 16	
LOCATION :		TAX MAP 34 , PARCEL 84 & 134 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE :		SITE DEVELOPMENT PLAN	
BUILDER :		 <b>Voria Engineering Inc.</b> CONSULTING ENGINEERS 8307 MAIN ST., HISTORIC ELLICOTT CITY, MD. TEL: 410-485-0400 FAX: 410-485-0489	
DATE: 11-01-95	PROJ. NO.:		
SCALE: AS SHOWN	SHEET 2 OF 2		
DESIGN: JER	CHECKED: MLL	DRAWN: JER	APPROVED: MLL