

6/6/97  
C.O. 12:00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58465-D

A 50036J

DISTRICT 5th

DATE 5/16/97

DATE SYSTEM APPROVED 6-6-97

INSPECTOR KM

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

INDEXED  
OS-423544

Jack Fyock Septic Service

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4105 Ten Oaks Road Glenelg, MD 21737 PHONE (410) 988-9270

SUBDIVISION Windy Knolls LOT 9 ROAD 6437 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 ~~480~~ 240

TRENCHES - Trench to be <sup>3</sup>/<sub>2</sub> feet wide. Inlet <sup>5</sup>/<sub>4</sub> feet below original grade. Bottom maximum depth <sup>7</sup>/<sub>8</sub> feet below original grade. Effective area begins at <sup>4</sup>/<sub>5</sub> feet below original grade. 2/<sub>4</sub> feet of stone below distribution pipe.

LOCATION - Place the distribution box 115 feet up the right lot line and 35 feet off this same lot line as seen when facing the lot from Prestwick Drive. Run trenches on contour towards the left side of the lot.

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

OK ~~at~~ 3/28/97

6/5/97 HOUSE PLUMBING 1' TOO DEEP, SPECS ADJUSTED (HR)

PLANS APPROVED BY Donna K. Soe

DATE 8/13/96

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

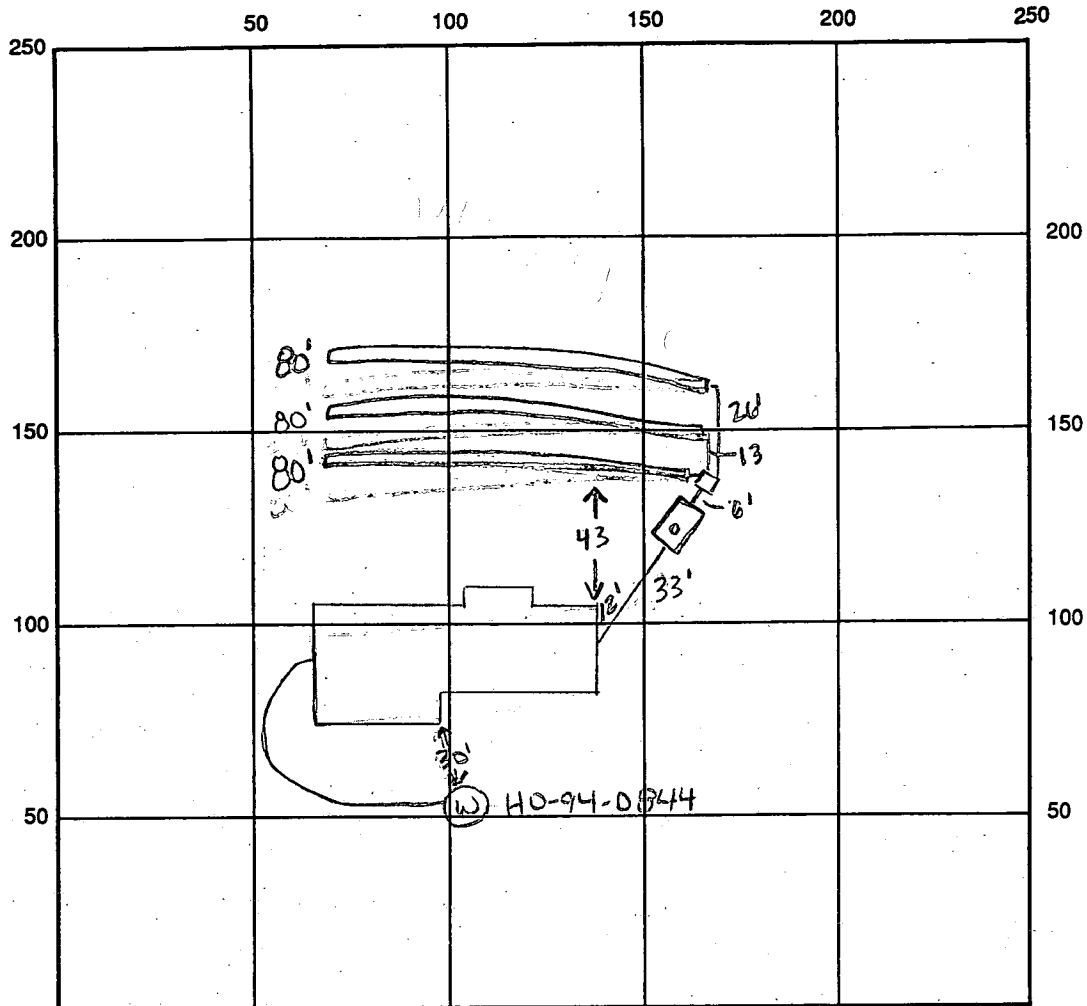
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Prestwick Drive

SEPTIC TANK LEVEL OK, 1250 gallons 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: 5-21-97 WPI OK to cover well line, P.A. 3.0' below grade, casing 1.0' above grade, has 2 piece watertight cap KM/DKS  
6-6-97 OK to cover all work (KM)

DATE SYSTEM APPROVED 6-6-97

INSPECTOR Kim Maisto

# APPLICATION

PERCOLATION TESTING

A 50036-J

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. Part of 10 & Part of 9

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

66437 Prestwick Drive

BLDG. PERMIT SIGNED  
AND RETURNED 3/27/97  
Serial # B0104569

TAX MAP 34 PARCEL # 84+134

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

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

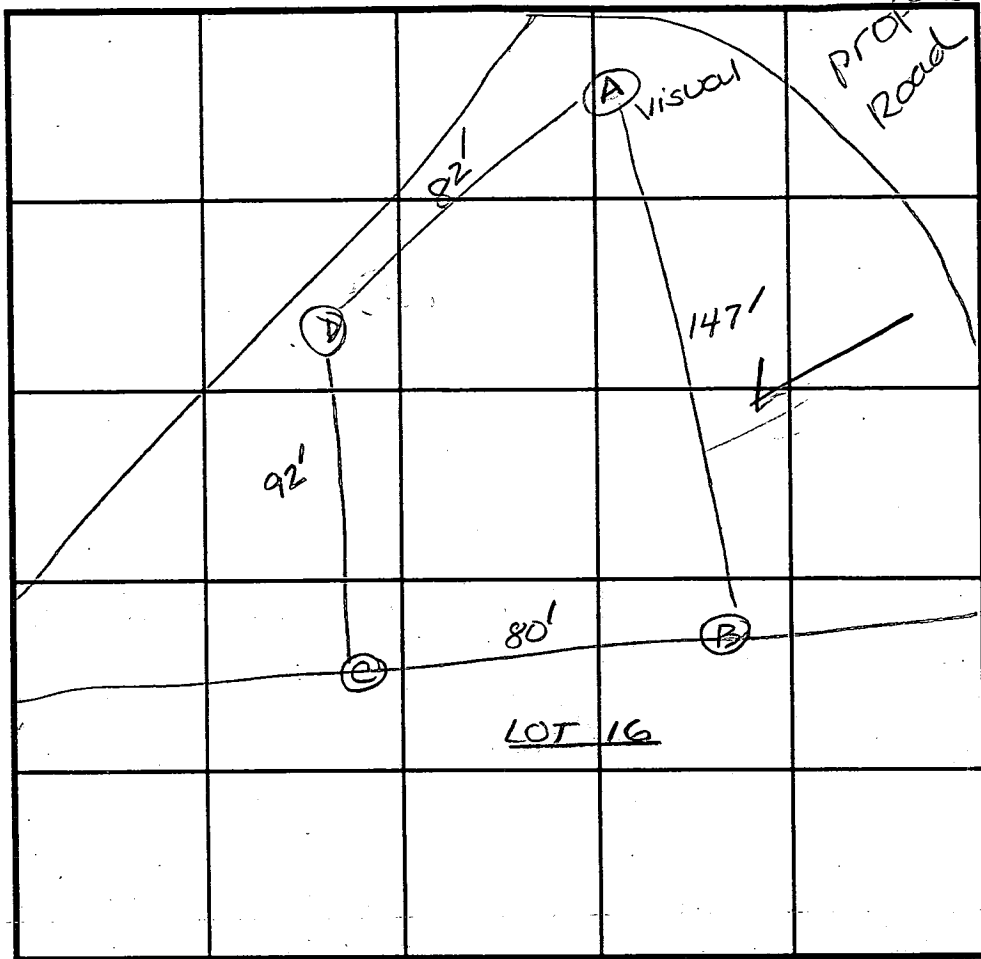
50036 J

COUNTY #

SOIL PROFILE

0' **(D)**  
 topsoil  
 red br clay loam  
 3'  
 beige sandy loam  
 12'

0' **(A)**  
 topsoil  
 red br clay loam  
 3'  
 br sandy loam  
 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		
5/25/94	D	4.0'	12:36	12:37 <sub>30</sub>	12:37 <sub>30</sub>	12:39	2	
		12.0' D	See profile					
	A	13.0' D	Visual					
	B	4.0' S	12:20	12:21	12:21	12:23	2	
	C	7.0' M	12:20 <sub>30</sub>	12:21 <sub>30</sub>	12:21 <sub>30</sub>	12:23	2	
	C	12.0' D						
	C	4.5' S	12:25	12:27	12:27	12:29	2	
		12.0' D						

REMARKS Tested as per plan

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

TESTED BY D. Soe ALSO PRESENT O. Ketterman, Jr. & wife

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2'

INLET DEPTH 4.0 MAXIMUM BOTTOM DEPTH 8.0 SQ. FT./BEDROOM 180

# APPLICATION

PERCOLATION TESTING

A 50036J

P \_\_\_\_\_

*NEEDS  
A #*

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

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

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 \_\_\_\_\_

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

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 9A *part of 9  
part of 10*

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

(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

COUNTY #

SOIL PROFILE

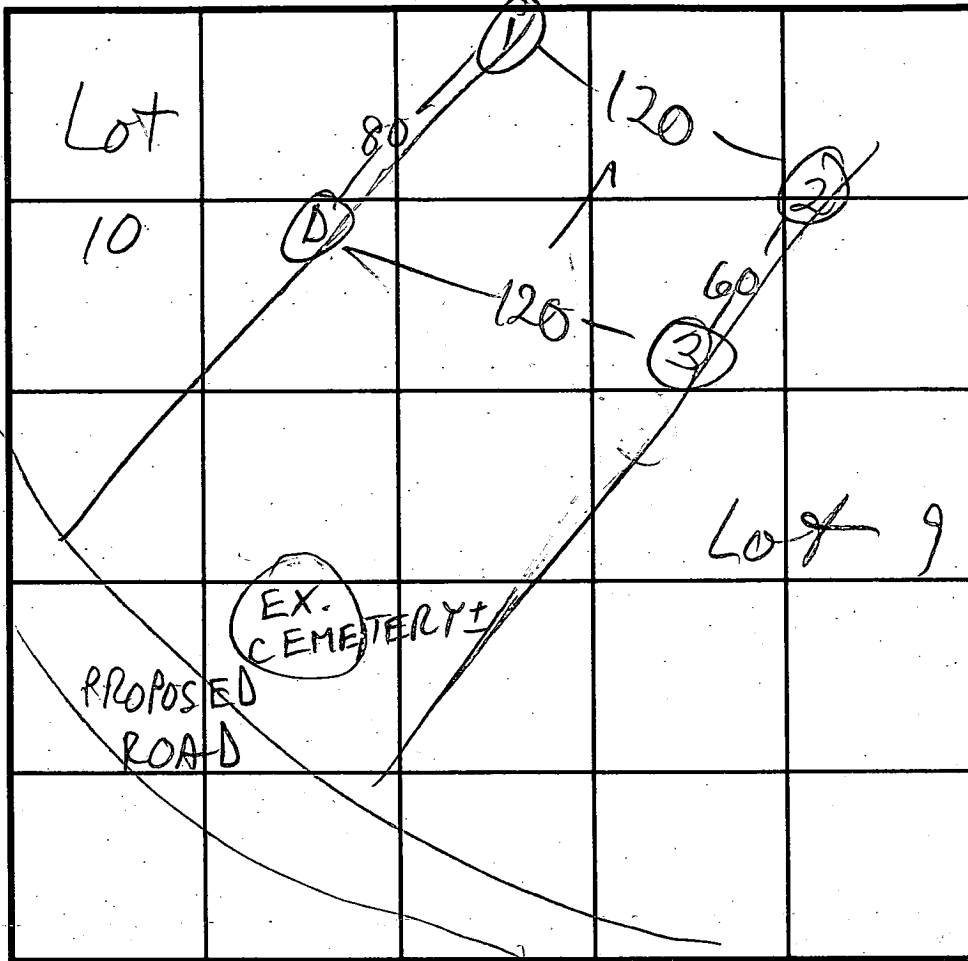
ALL

0'  
3'  
1 1/2'

brn  
tan  
sa cl lm  
tan br  
white  
sa lm.  
10-15%  
frags

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	1 S	4'4"	11:29	11:31	11:31	11:32:30	1 1/2 min
	1 V	1 1/2	see profile				
	2 S	3 1/2	11:22:45 11:24:15	11:23:20 11:26:00	11:23:20 11:26:00	11:24:00 11:27:30	40 sec 1 1/2 min
	2 V	12	see profile				
	3 S	4	11:37:50	11:38:50	11:38:50	11:40:00	1 min +
	3 M	8	11:37:40	11:38:30	11:38:30	11:40:00	1 1/2 min
	3 V	1 1/2	see profile				
5/25/94	D S	4	12:36	12:37:30	12:37:30	12:39	1 1/2 min
	DKS D V	12	see profile				

REMARKS HOLES ②③ + ④ PER PLAN

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT OK Jr

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2

TRENCH WIDTH 3

INLET DEPTH 2

MAXIMUM BOTTOM DEPTH 4

SQ. FT./BEDROOM 180

C1 **7951** SEQUENCE NO. (MDE USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)  
 ST/CO USE ONLY DATE Received

**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 50036J**  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-94-0844**

DATE WELL COMPLETED **08/01/96** Depth of Well **200** (TO NEAREST FOOT)  
 OWNER **LDD** last name **Drestwick Drive** first name **Clarksville** TOWN  
 SUBDIVISION **Windy Knolls** SECTION **9** LOT **9**

**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		check if water bearing
	FROM	TO	
TOP SOIL	0	5	
BROWN SHAL & SANDSTONE	6	50	
SANDSTONE & MICASCHIST	51	200	
GET WATER AT			110 180

**GROUTING RECORD** yes no  
 WELL HAS BEEN GROUTED  Y  N  
 (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL (Circle one)  
 CEMENT  CM BENTONITE CLAY  BC  
 NO. OF BAGS **8** NO. OF POUNDS **75**  
 GALLONS OF WATER **48**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **58** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)  
 PK  63  64  66  70

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

**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: **0**  
 WELL HYDROFRACTURED  Y  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 **043**  
 DRILLERS LIC. NO. **Wayne Harley**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 LIC. NO. **550-062**  
**Perry Harley**

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

**DEPTH (nearest ft.)**  
 1 **H0** **49** **200**  
 2  
 3  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)

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.)**  
 T 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.) **7**  
 METHOD USED TO MEASURE PUMPING RATE **Submersible**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **18** ft.  
 WHEN PUMPING **150** ft.  
 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.  
 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)  
 + above } LAND SURFACE  
 - below } **2** (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)  
 DRY prestwick  
 LOT #9  
 MD 108



SPACE LOT 26  
2,297.28 S.F.  
0.326 acres

LOT 14  
44,867 sq. ft.

LOT 13  
44,148 sq. ft.

LOT 12  
40,959 sq. ft.

LOT 11  
43,682 sq. ft.

LOT 10  
40,000 sq. ft.

LOT 9  
40,000 sq. ft.

LOT 8  
43,316 sq. ft.

LOT 18  
41,602 sq. ft.

LOT 19  
48,771 sq. ft.

LOT 21  
41,759 sq. ft.

LOT 22  
42,803 sq. ft.

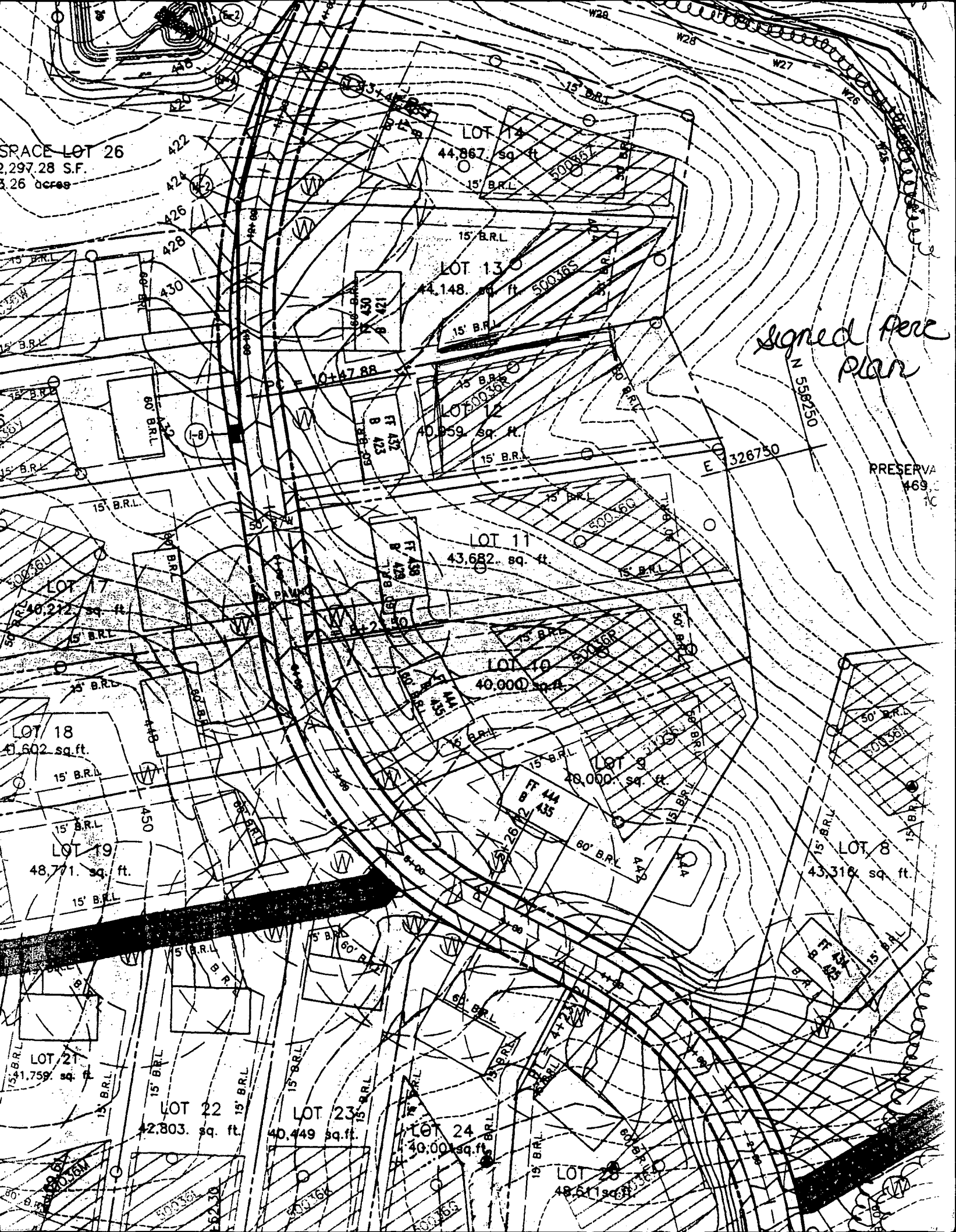
LOT 23  
40,449 sq. ft.

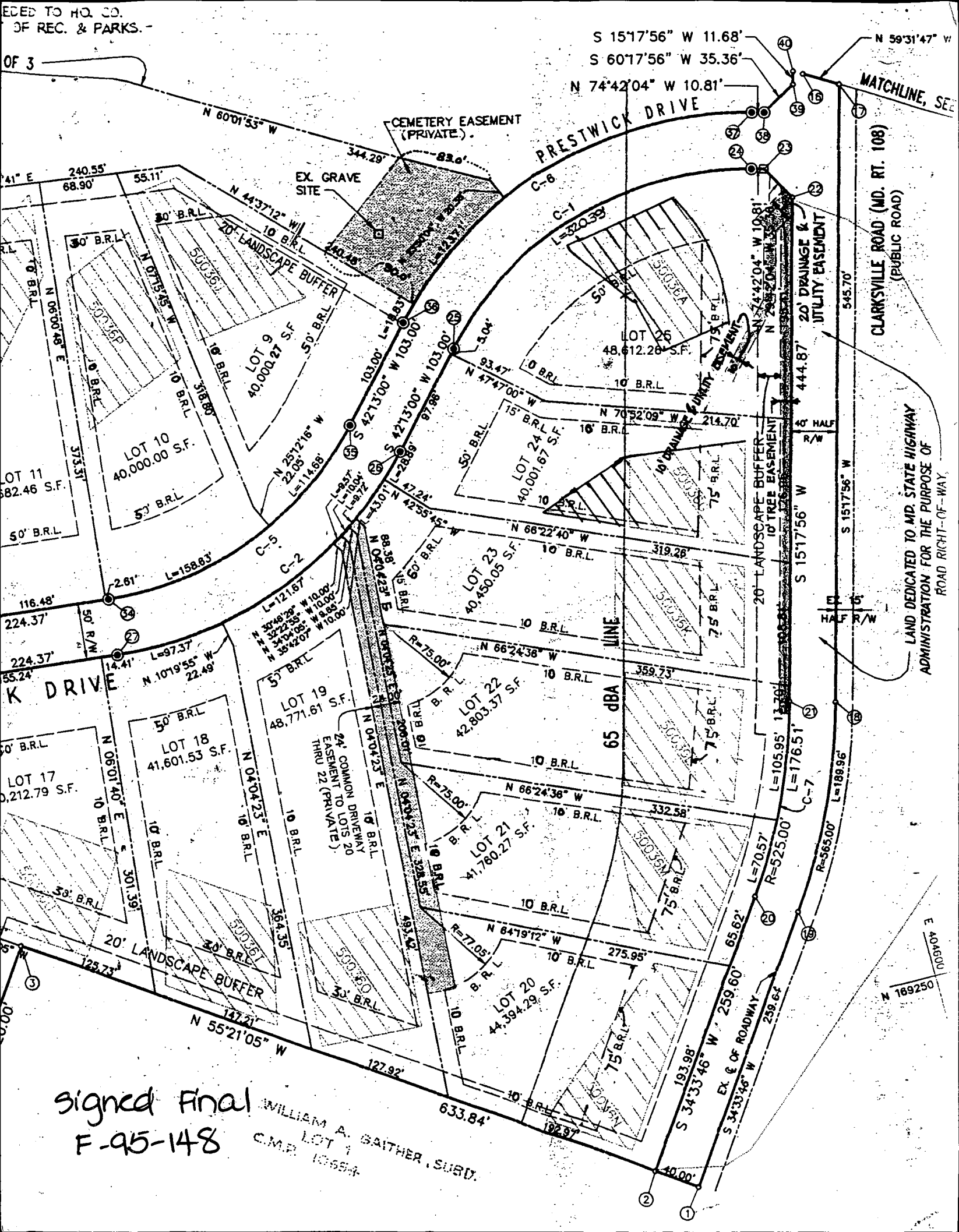
LOT 24  
40,000 sq. ft.

LOT 25  
48,541 sq. ft.

*Signed Perce  
Plan*

PRESERVA  
469.0  
10

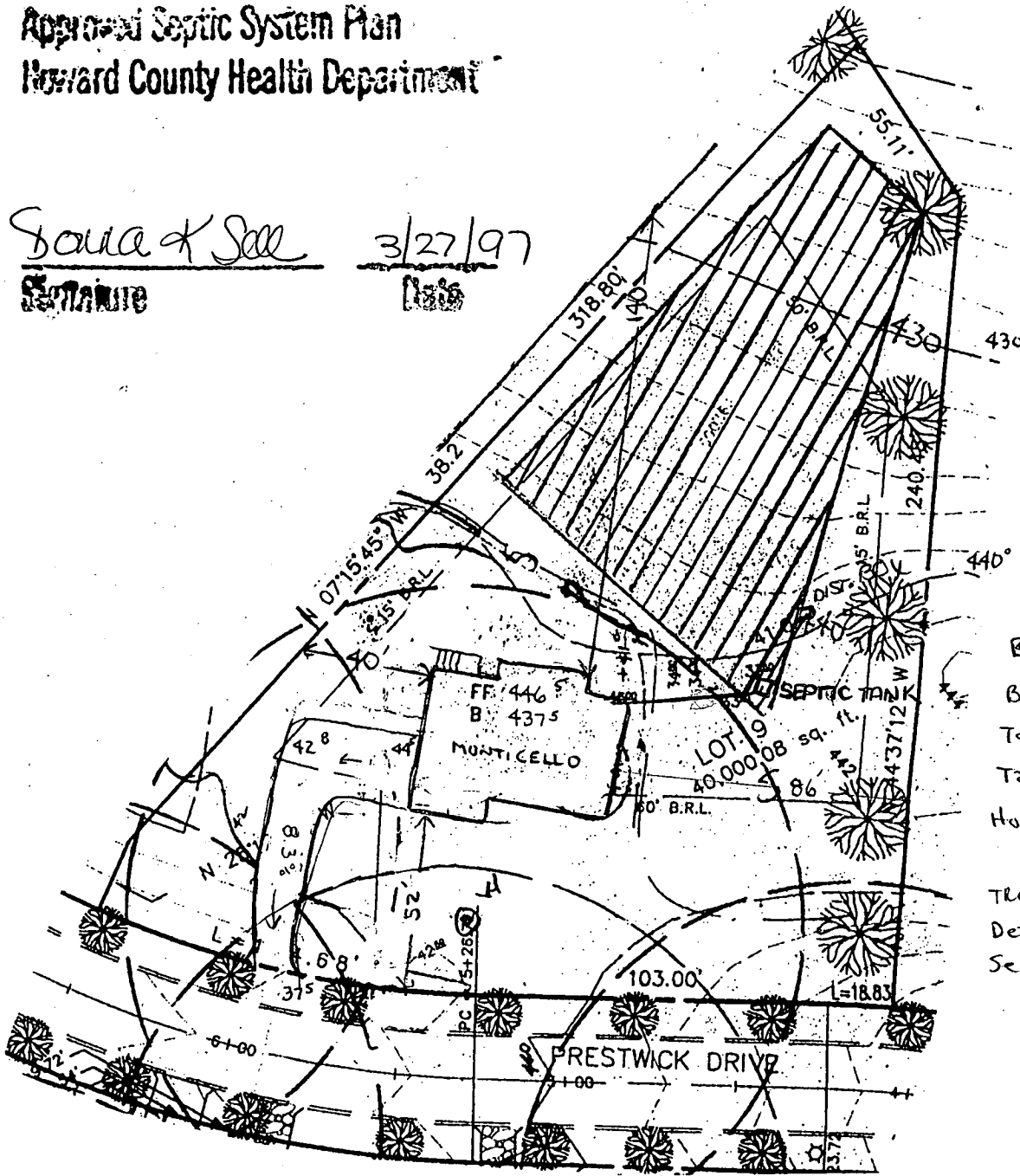




Signed Final  
 F-95-148  
 WILLIAM A. GAITHER, SURV.  
 LOT 1  
 C.M.P. 1955-4

Approved Septic System Plan  
Howard County Health Department


Soula K Seal      3/27/97  
Signature              Date



Septic Elevations

- Box OUT 435°
- Box IN 435<sup>3</sup>
- Tank OUT 435<sup>8</sup>
- Tank IN 436<sup>1</sup>
- House OUT 436<sup>5</sup>

TRENCH LENGTH TO BE  
Determined at time of  
Septic installation

PROJECT :		WINDY KNOLLS LOT 9	
LOCATION :		TAX MAP 34 , PARCEL 84 & 134 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE :		SITE DEVELOPMENT PLAN	
BUILDER:		 CONSULTING ENGINEERS 8307 MAIN ST., HISTORIC ELLICOTT CITY, MD. TEL: 410-465-0400      FAX: 410-465-0489	
DATE: 11-01-95	PROJ. NO.:		
SCALE: AS SHOWN	SHEET 1 OF 2		
DESIGNED: JER	CHECKED: MLL	DRAWN: JER	APPROVED: MLL