

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓ CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL ✓

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 (70+70+100) ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: SYSTEM COMPLETE - OK TO COVER ALL 11/10/97 (CW)

DATE SYSTEM APPROVED 11/10/97 INSPECTOR CW

APPLICATION

PERCOLATION TESTING

A 5003(R)
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 CORKERSTONE HOMES
C/O Land Design + Development Inc
ADDRESS 10805 Hickory Ridge Rd Cal MD 21044 PHONE 740-2100
AGENT OR PROSPECTIVE BUYER Mark Reich

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Windy knolls LOT NO. A-11
ROAD AND DESCRIPTION West side of Clarksville Pike (Rt 108)
(6445 Prestwick Drive)

TAX MAP 34 PARCEL # 84+134
SIZE OF LOT 1 + or - acres TYPE BLDG. SFD - 4B
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 10-6-97
Serial # 200108185

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

50036R

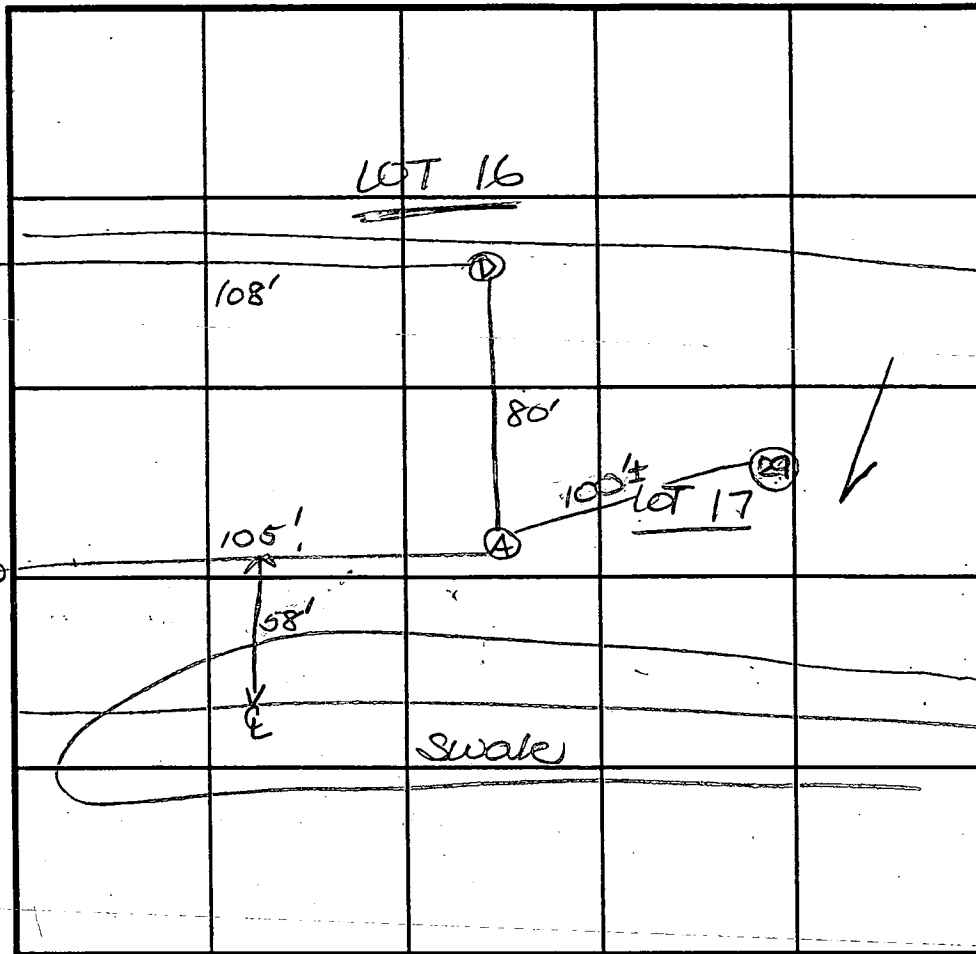
COUNTY #

SOIL PROFILE

0' (A)
 topsoil
 1' red br clay 10am
 3' red br silty 10am
 15% rock frag.
 11'

0' (B)
 topsoil
 1' red br clay 10am
 3' beige silty 10am
 10'

0' (29)
 topsoil
 1' or br cl 1m w/boulders
 4'-5' br to tan silty 1m
 11.0'



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		
5/25/74	A	4.0' S	3:05	3:05 ₃₀	3:05 ₂₀	3:06	30sec	
		11.0' D						
	(repeat)	4.0' S	3:06	3:07	3:07	3:08 ₂₀	2	
	B	4.5' S	3:12	3:15	3:15	3:18	3	
		10.0' D						
	C	10.5' D	Visual - see profile					
	D	4.0' S	12:06	12:12	12:12	12:18	6	
		13.0' D	see profile					
	29	14.5' S	1:00 ₃₀	1:02	1:02	1:05	3	
		11.0' D	see profile					

REMARKS Tested as staked

TYPE OF SOIL _____

TESTED BY D. See ALSO PRESENT O.K., Jr & wife

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 4 min TRENCH WIDTH 3'

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

(part of)
A 500365
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
C/O Land Design + Development Inc
ADDRESS 10825 Hickory Ridge Rd Cal MD 21044 PHONE 740-2100

AGENT OR PROSPECTIVE BUYER Mark Reich
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Windy Knolls LOT NO. 78-13
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)

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 S

COUNTY #

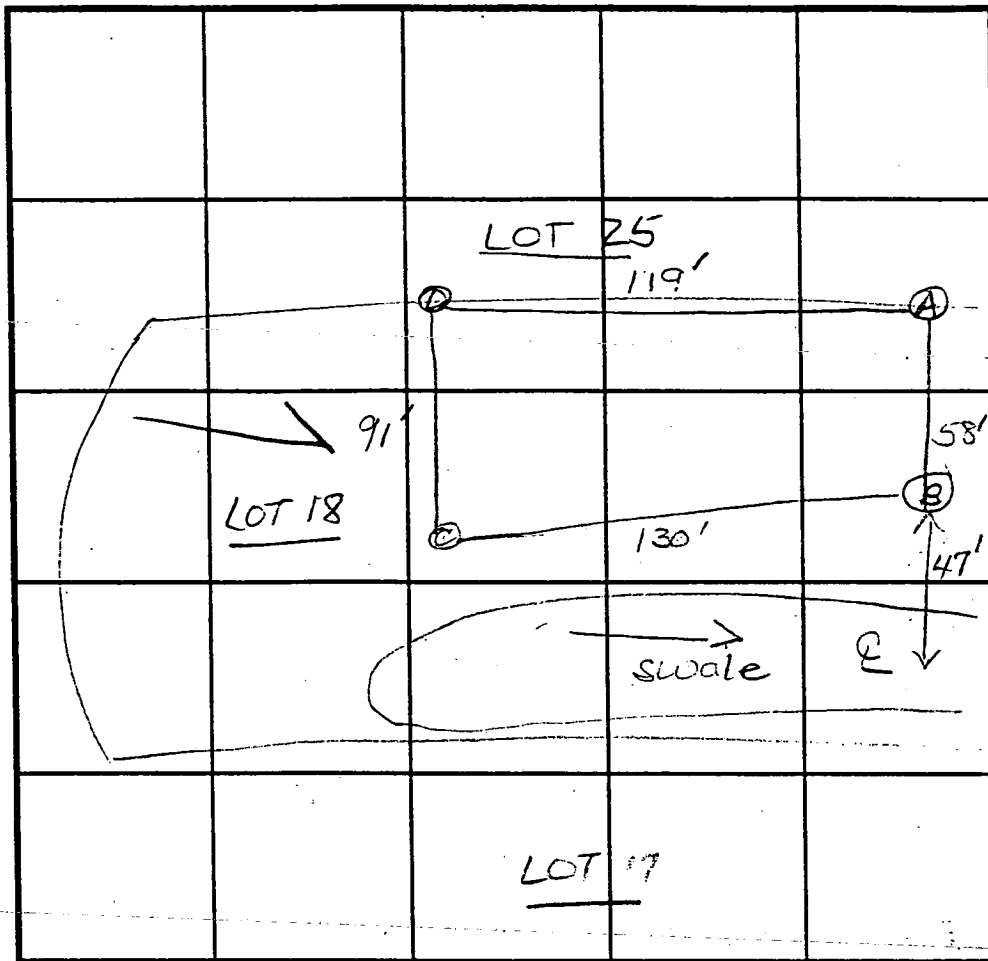
SOIL PROFILE

0'
1'
3'
11'

topsoil
red br clay loam
14 br sandy loam
10-15% rock 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	
5/25/04	B	3.4" S	2:51	2:52	2:52	2:53	1
		10.0' D	Hard bottom				
	(Repair)	7.4" S	2:53	2:54	2:54	2:55	1
	C	11.0' D	Visual - see profile				
	A	4.0' S	2:08	2:09	2:09	2:10 ₃₀	2
		12.0' D	See profile				
	D	4.0' S	1:46 ₃₀	1:48 ₂₀	1:48 ₂₀	1:52	3.5
		8.0' M	1:48	1:49	1:49	1:50 ₃₀	2
		13.0' D	See profile				

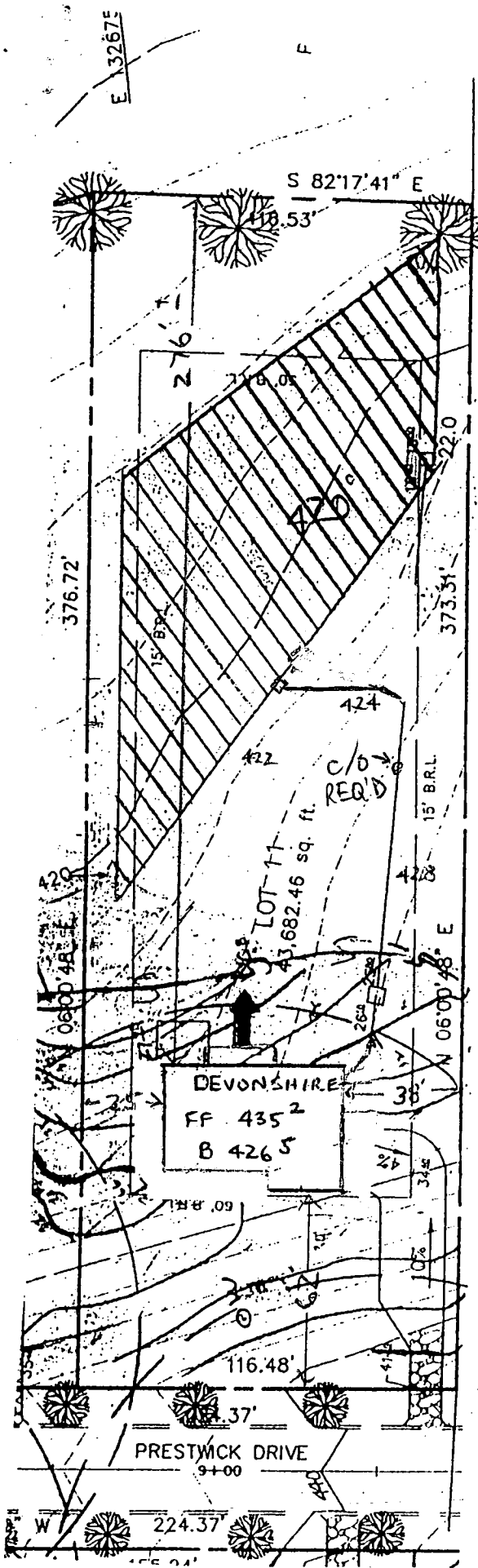
REMARKS Only bore (A) per plat, (B) (C) (D) changed per contract

TYPE OF SOIL _____

TESTED BY D. See ALSO PRESENT M. Rifkin, O.E. Jr

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

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180'



Septic ELEVATIONS

HOUSE	OUT	425 ⁰
TANK	IN	424 ⁵
TANK	OUT	424 ²
Box	IN	418 ³
Box	OUT	418 ⁰

1:50

TRENCH LENGTH TO BE DETERMINED AT Septic Installation

240 L.F. TRENCH REQ'D
Trenches 3' WIDE
Bottom Max 5' trench depth
2' stone below dist'n pipe

Approved Septic System Plan
Howard County Health Department

2 @ 75'
1 @ 90'
CW

Mark E. Pelkin 10/6/97
Signature Date

PROJECT :		WINDY KNOLLS LOT 11	
LOCATION :		TAX MAP 34 , PARCEL 84 & 134 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE :		SITE DEVELOPMENT PLAN	
BUILDER:		 Voria Engineering Inc. 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

SPACE LOT 26
2,297.28 S.F.
0.26 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 18
41,602 sq. ft.

LOT 9
40,000 sq. ft.

LOT 19
48,771 sq. ft.

LOT 8
43,316 sq. ft.

LOT 21
41,759 sq. ft.

LOT 22
42,803 sq. ft.

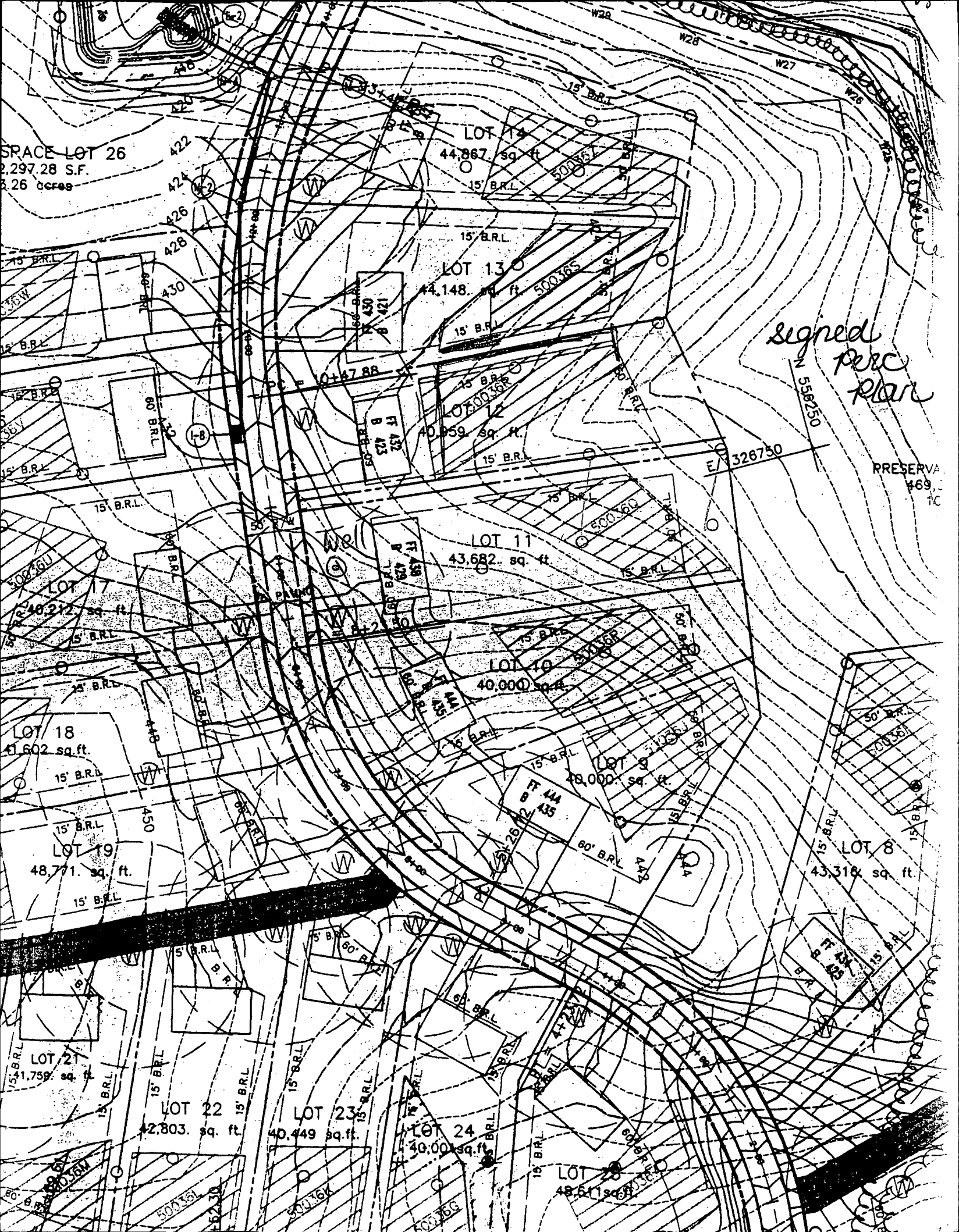
LOT 23
40,449 sq. ft.

LOT 24
40,000 sq. ft.

LOT 25
48,511 sq. ft.

*Signed
perc
plan*

RESERVA
469.70



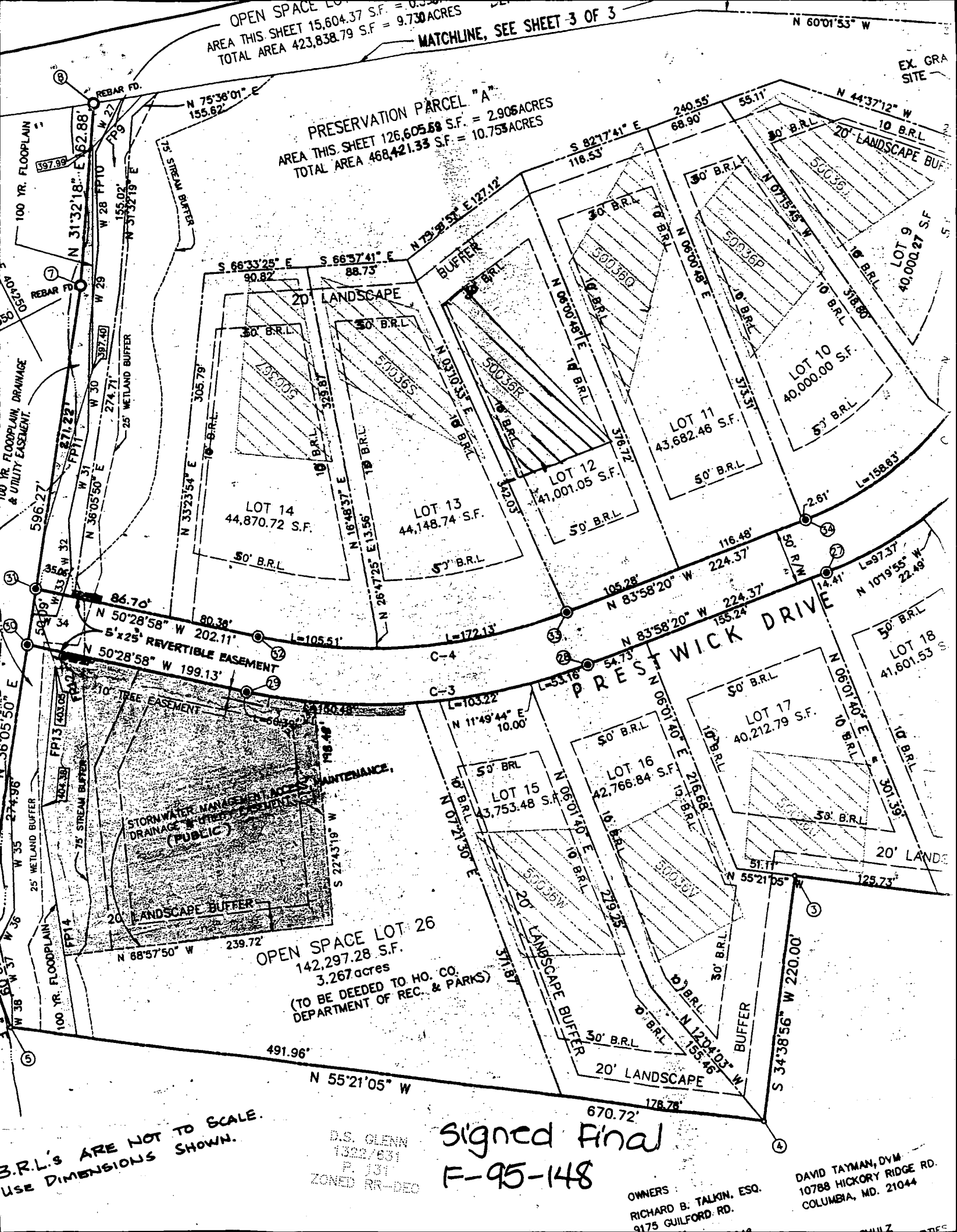
OPEN SPACE LOT 26
 AREA THIS SHEET 15,604.37 S.F. = 0.356 ACRES
 TOTAL AREA 423,838.79 S.F. = 9.730 ACRES

MATCHLINE, SEE SHEET 3 OF 3

N 60°01'53" 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.

OPEN SPACE LOT 26
 142,297.28 S.F.
 3.267 acres
 (TO BE DEEDED TO HO. CO.
 DEPARTMENT OF REC. & PARKS)

D.S. GLENN
 1322/631
 P. 131
 ZONED RR-DEO

Signed Final
 F-95-148

OWNERS:
 RICHARD B. TALKIN, ESQ.
 9175 GUILFORD RD.

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

C1 7952 SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 A50036R PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-94-0845

ST/CO USE ONLY DATE RECEIVED 083096 DATE WELL COMPLETED 080996 Depth of Well 130 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-94-0845

OWNER LDD last name Prestwick Drive first name TOWN Clarksville SUBDIVISION Windy Knolls SECTION LOT 11

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 Shell SANDSTONE	6	35	
SANDSTONE MICHA ROCK	36	130	✓
GOT WATER AT			90 120

GROUTING RECORD yes no
 WELL HAS BEEN GROUTED (Y) (N)
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT (CM) BENTONITE CLAY (BC)
 NO. OF BAGS 8 NO. OF POUNDS 752
 GALLONS OF WATER 48
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 43 ft.

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)
 (PL) (64) (45) ✓

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 (ST) STEEL (BR) BRASS BRONZE (PL) PLASTIC (HO) OPEN HOLE (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
 DRILLERS LIC. NO. 043
 Wayne Harley

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO. 350062
 Penny Harley

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

DEPTH (nearest ft.)
 1 HO 44 130 ✓

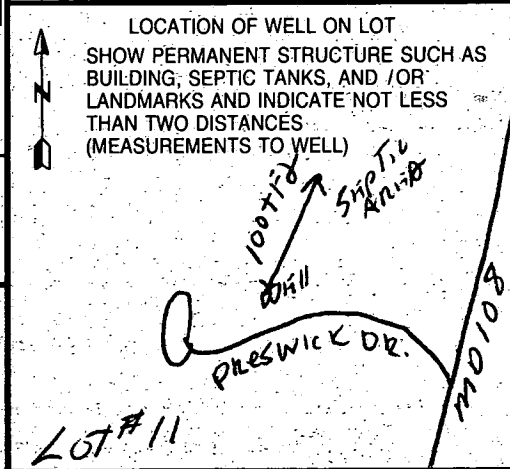
SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)
 56 60

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)
 T (70) 72 W Q (74 75 76)
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3
 PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min.) 15
 METHOD USED TO MEASURE PUMPING RATE Submersible
 WATER LEVEL (distance from land surface) BEFORE PUMPING 18 ft. WHEN PUMPING 38 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 (CIRCLE) (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 (nearest foot)
 (-) below



B 1 **3004** SEQUENCE NO. (DP USE ONLY) STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER **HO-94-0845**
70 fill in this form completely 79

6 Date Received (APA) **050196** **OWNER INFORMATION**
8 **13** **LAND DESIGN + DEVELOPMENT**
15 Last Name **Owner** **First Name** **34**
36 **10805 HICKORY RIDGE**
Street or RFD **55**
57 **COLUMBIA** **MD 21044**
Town **70 State** **72** **Zip** **76**

DRILLER INFORMATION MSD/ MGD (MWD) **410**
Driller's Name **GARY W SHARP** **77 License No.** **80**
Firm Name **HARLEY DRILLING + OILFIELD SYSTEMS**
Address **160 WALKERSVILLE, MD 21793**
Signature **Gary W Sharp** **Date** **4-26-96**

B 2 **WELL INFORMATION**
APPROX. PUMPING RATE (GAL. PER MIN.) **3**
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

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

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) _____

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER _____ **G A P** _____
FORCE **DD** **WRITE INITIALS IN BOX** **PERMIT No.** **HO-94-0845**

SPECIAL CONDITIONS
 NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

B 3 **LOCATION OF WELL**
HOWARD **8 COUNTY**
WINDY KNOCK **23 SUBDIVISION**
SECTION **7** **LOT** **11**
CLARKSVILLE **52 NEAREST TOWN**
MILES FROM TOWN (enter 0 if in town) **2** **MI**

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

NEAR WHAT ROAD **120 PRESTWICK DR.**
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 WEST **EAST** **SOUTH**
DISTANCE FROM ROAD **400**
ENTER FT OR MI **FO**
TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard **A 50036R**
COUNTY NAME **COUNTY NO.**
STATE SIGNATURE _____ **INSERT S**
DATE ISSUED **070996** **DOUGLAS** **2/8/97**
43 **48 CO SIGNATURE** **EXP. DATE**
NORTH GRID **495000** **EAST GRID** **0815000**
50 **55** **57** **63**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
 1. well
 2.
 3.
WRITE THE BOX NUMBER FROM THE MAP HERE
8165
4965
8/9/96 9:30grou
No insp
ALM
X
MD 108

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

N
WINDY KNOCK
MD 108
LOT #11