

9/18/98  
12:00  
9/25/98  
WPT - anytime

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 510632

A 50036-I

DISTRICT 5th

DATE 8/19/98

DATE SYSTEM APPROVED 9/18/98

INSPECTOR TJS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XXXXXXXXXX 410-313-2640

05-423538  
INDEXED

Jack Fyock Septic Services IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 89, Triadelphia Road, Glenelg, Maryland 21737 PHONE 410-988-9270

SUBDIVISION Windy Knolls LOT 8 ROAD 6429 Prestwick Drive

PROPERTY OWNER Cornerstone Homes Topiwala, Pantaj

ADDRESS **BUILDING PERMIT SIGNED**

SEPTIC TANK CAPACITY 1250 GALLONS **AND RETURNED**

NUMBER OF BEDROOMS 4 **82405 80015479-2 STORY ADDITION**

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Starting at the intersection of the 191.72' and 270.92' lot lines, place the distribution box 110 feet down the 270.92' lot line and 65 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 Km 5/18/98

PLANS APPROVED BY Donna K. Soe DATE 5/08/98

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.

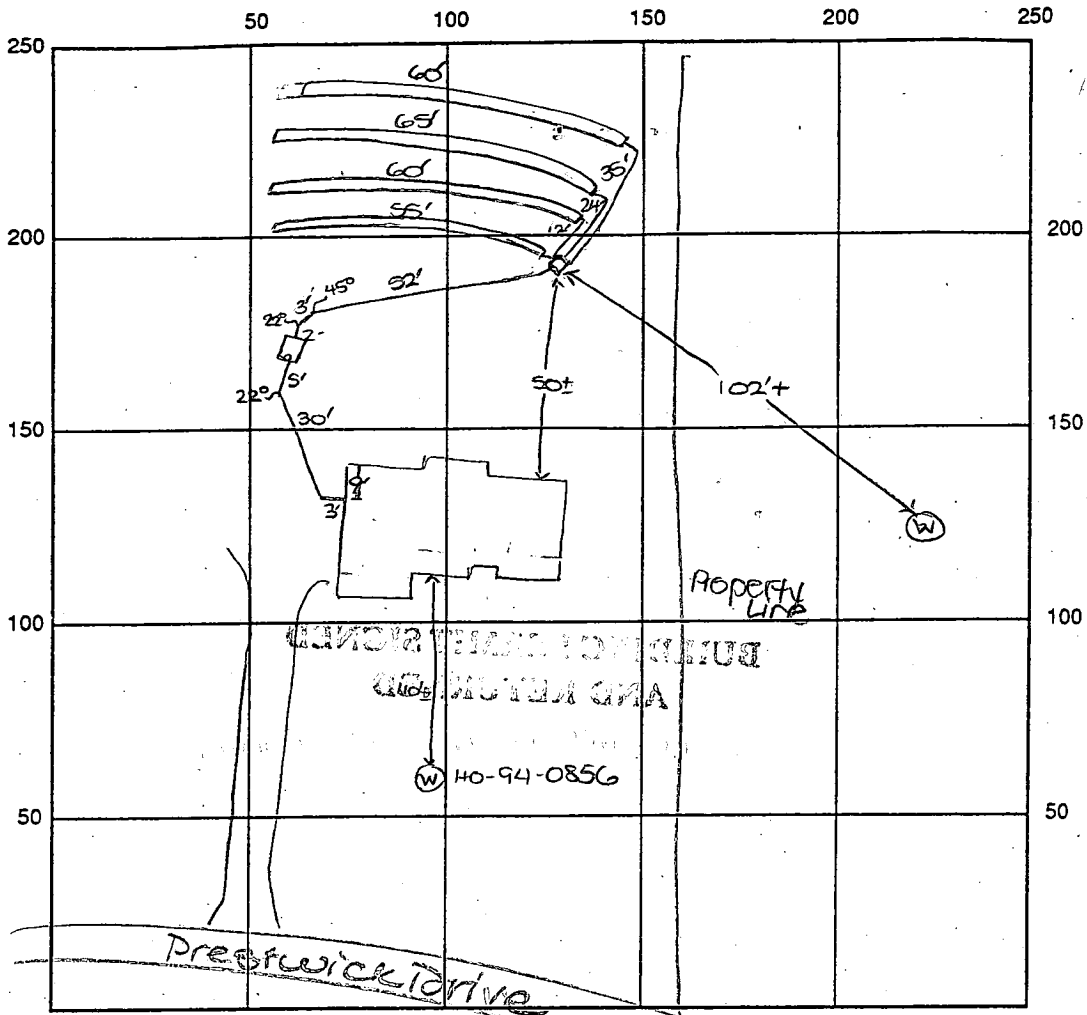
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

*Edg. Permit signed  
AND RETURNED 5-20-98  
Mud # 8011844  
deck*

A 50036 I



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK - baffle in

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 055' @ 65' → 240

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA          SQ. FT.

DRYWALL INSIDE DIAMETER 1 FT. EFFECTIVE DEPTH BELOW INLET 1 FT.

ABSORBENT AREA 1 SQ. FT.

REMARKS: 9/18/98 FINAL INSP - OK TO COVER ALL WORK AS  
completed. Sufficient materials @ site. DKS

9/25/98 WPI - well casing 14" above grade; well line, P.A. 42" below  
grade; 2-pc vented cap installed; PIC conduit pipe OK - OK TO COVER

DATE SYSTEM APPROVED 9/18/98 INSPECTOR [Signature]



# APPLICATION

PERCOLATION TESTING

A 50036I

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

ADDRESS C/O Land Design + Development Inc  
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. 9 8

ROAD AND DESCRIPTION West side of Clarksville Pike (Rt 108)  
(6429 Prestwick Drive)

TAX MAP 34 PARCEL # 84+134

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

BLDG. PERMIT SIGNL  
~~AND RETURNED~~ 5/19/98  
Serial # 24405468 B00111452

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 I

COUNTY #

SOIL PROFILE

ALL

0' brn tan sa cl 1m

3 tan br white sa 1m

10-15% frags

28

0' topsoil

or br cl 1m

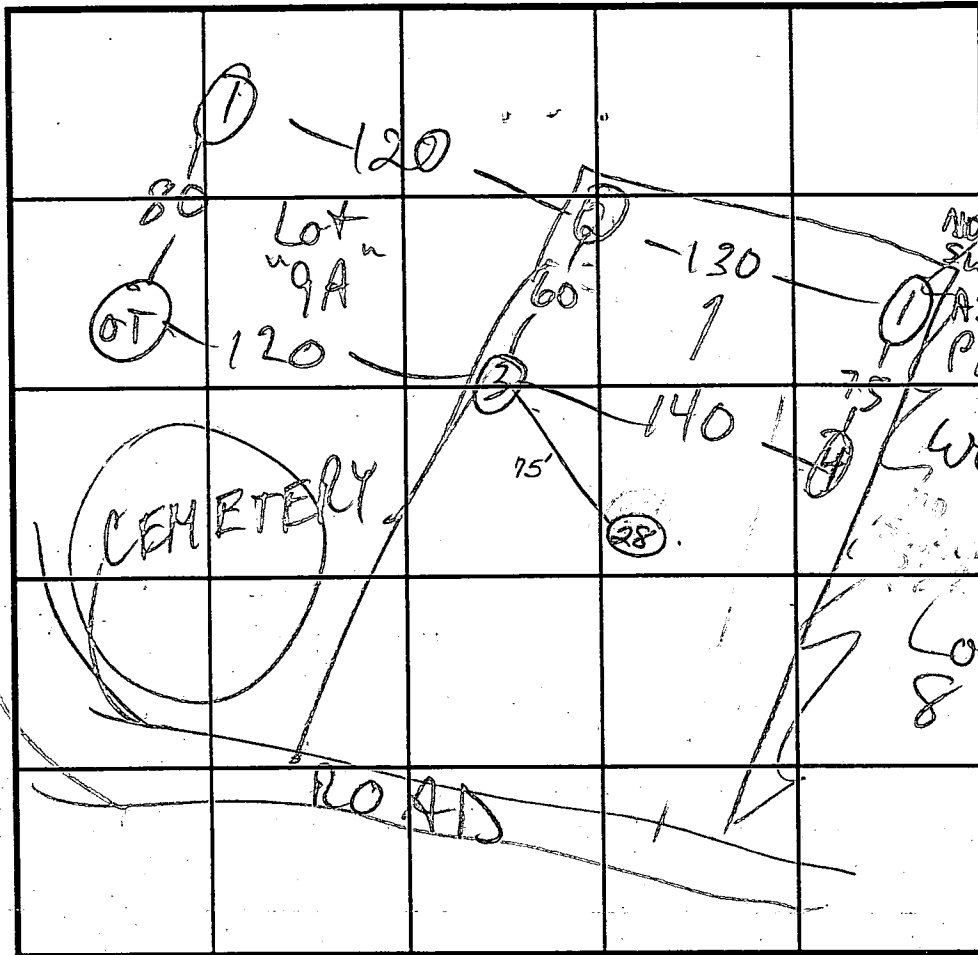
4' br to 14 br si 1m

5-10% rock frags

11.5

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	
5/22/94	1S	4 1/2	11:17:00	11:17:30	11:17:30	11:18:00	30 sec
			11:18:45	11:19:45	11:19:45	11:21:00	1 1/4 min
	1V	9 1/2					
	2S	3 1/2	11:22:45	11:23:20	11:23:20	11:24:00	40 sec
			11:24:45	11:26:00	11:26:00	11:27:30	1 1/2 min
	2V	12					
	3S	4	11:37:50	11:38:50	11:38:50	11:40:00	1 min +
	3M	8'	11:37:40	11:38:30	11:38:30	11:40:00	1 min +
	3V	11 1/2					
	4V	11 1/2	HARD BAT		25% Frags		
12/8/94	11.5'D	Visual	See profile				

REMARKS

TYPE OF SOIL

TESTED BY M. RIFKIN

ALSO PRESENT OK J

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2

TRENCH WIDTH 3

INLET DEPTH 2 3

MAXIMUM BOTTOM DEPTH 4 5

SQ. FT./BEDROOM 180

OKS





C1 7975

SEQUENCE NO. (MDE USE ONLY)

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 50036I

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

010897

115

40-94-0856

OWNER LDD STREET OR RFD Westwick Drive TOWN Clarksville SUBDIVISION Windy Knolls SECTION LOT 8

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 handwritten entries: Top Soil 0-5, Brown Shell & mica rock 6-30, Sandstone 31-115, Blue rock 31-115, Got water at 75-90.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 10 NO. OF POUNDS 60 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 40 ft.

CASING RECORD

MAIN CASING TYPE (PL) (GT) (42) OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole (ST) (BR) (HO) (PL) (OT) OTHER

Table with columns: DEPTH (nearest ft.), 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) TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

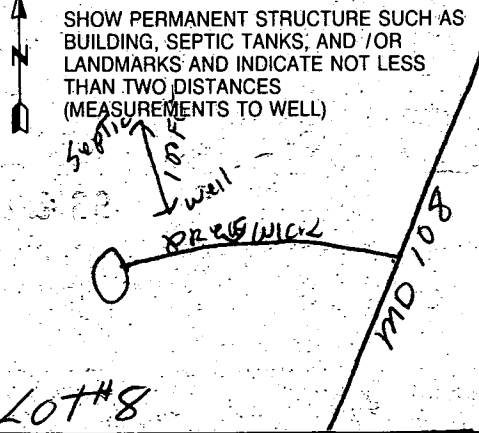
PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15.0 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 17 ft. WHEN PUMPING 17 ft. TYPE OF PUMP USED (for test) 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 37-41 PUMP COLUMN LENGTH (nearest ft.) 43-47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above (-) below LAND SURFACE (nearest foot) 1

LOCATION OF WELL ON LOT



NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (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 E. Holey DRILLERS SIGNATURE LIC. NO.

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

**B 1** **3008** SEQUENCE NO. (DP USE ONLY) **STATE OF MARYLAND** STATE PERMIT NUMBER **HO-94-0856**  
 APPLICATION FOR PERMIT TO DRILL WELL please print or type **fill in this form completely**

**OWNER INFORMATION**  
 Date Received (APA) **050196**  
 LAND DESIGN & DEVELOPMENT INC.  
 15 Last Name 13 34 First Name  
 10805 AICKROY RIDGE  
 36 Street or RFD 55  
 EDUMBIA MD 21044  
 57 Town 70 State 72 Zip 76

**B 3** **LOCATION OF WELL**  
 HOWARD COUNTY WINDY KNOLLS  
 23 SUBDIVISION SECTION 3 LOT 8  
 44 46 48 50  
 CLARKSVILLE  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) 2 MI  
 73 76 77 78

**DRILLER INFORMATION** MSD/MGR/MWD  
 GARY W SHAFF 410  
 Driller's Name License No. 80  
 Hanley Drilling & Pump Service  
 Firm Name Box 160 WILKESVILLE, MD 21793  
 Address Hanley W Shauff 4-26-96  
 Signature Date

**B 4** **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**  
 TOWN  
 N NE E S SE SW W  
 8-9 8-9 8-9 8-9 8-9 8-9  
 NEAR WHAT ROAD DRIVE  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH WEST SOUTH EAST  
 34 400 37  
 DISTANCE FROM ROAD ENTER F OR MI F0  
 38 39  
 TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**B 2** **WELL INFORMATION**  
 APPROX. PUMPING RATE (GAL. PER MIN.) 3  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500  
 14 20

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**  
 Howard A500361  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE INSERT S  
 DATE ISSUED 071696 DOUGLAS JOE 7/15/97  
 43 48 60 SIGNATURE EXP. DATE  
 NORTH GRID 496000 EAST GRID 0816000  
 50 55 57 63

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

**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  
 E 816  
 N 496  
 000 000  
 1:30 PM  
 MD 108  
 X

**METHOD OF DRILLING (circle one)**  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTARY AIR-PERCUSSION ROTARY (Hydraulic Rotary)  
 37 CABLE REVERSE-ROTARY DRIVE-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEMED 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 ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION**  
 N  
 WINDY Knolls  
 MD 108  
 LOT # 8  
 X

**Not to be filled in by driller (OEP USE ONLY)**  
 APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE DS WRITE INITIALS IN BOX PERMIT No. HO-94-0856  
 67 68 70 71 72 73 74 75 76 77 78 79

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

Approved Septic System Plan  
Howard County Health Department

*Donna Zell* 5/8/98

Total linear feet of trench required 240 feet

Width of trench(es) 3 feet

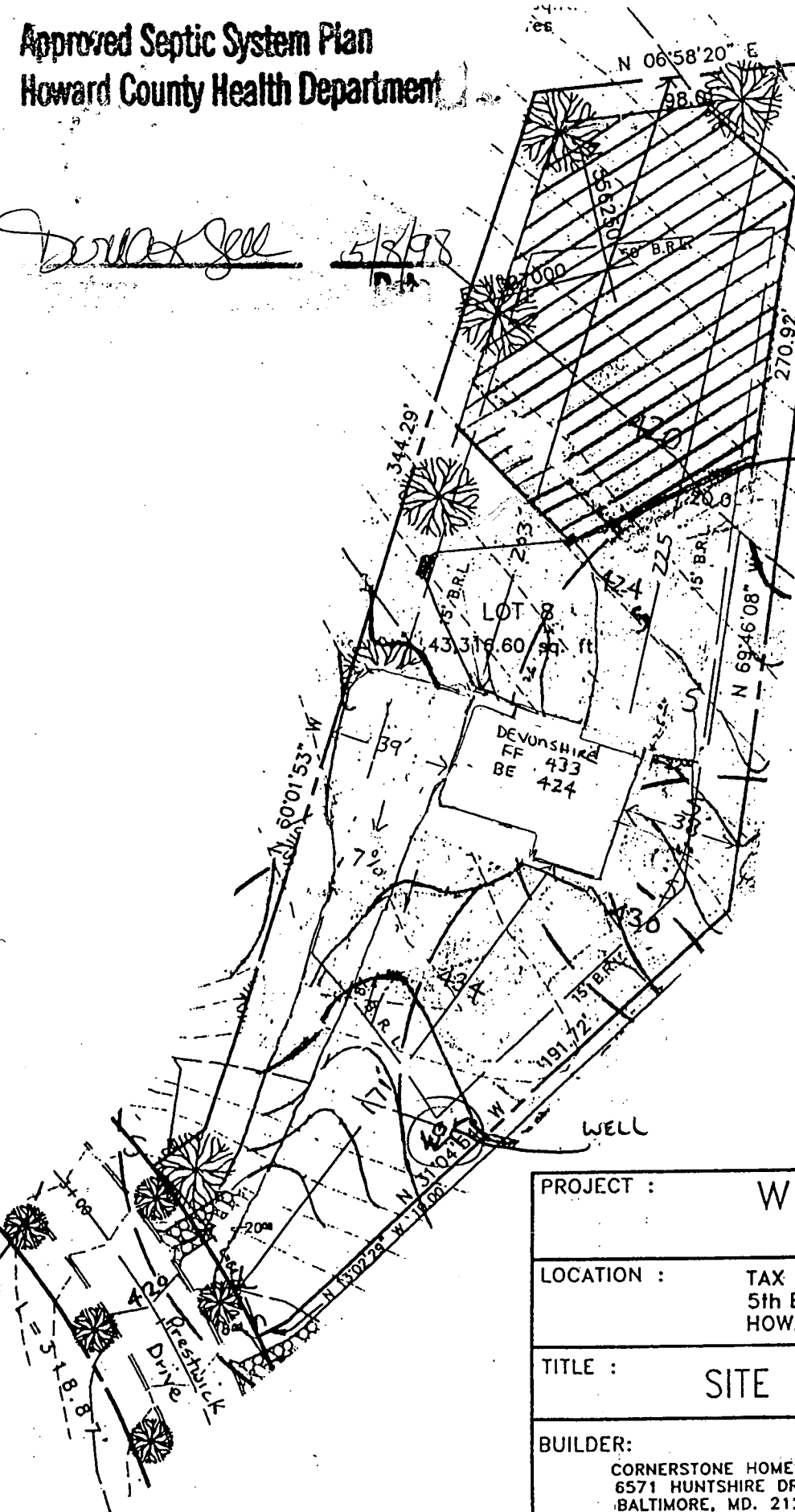
Depth of trench(es) 5 feet

Depth of slope required below pipe 2 feet

Septic ELEVATIONS

House OUT	423°
TANK IN	422°
TANK OUT	422°
BOX IN	421°
BOX OUT	421°
EXISTING ELEV AT BOX	424°

TRENCH LENGTH TO BE DETERMINED AT SEPTIC Installation.



PROJECT :		WINDY KNOLLS LOT 8	
LOCATION :		TAX MAP 34 , PARCEL 84 & 134 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE :		SITE DEVELOPMENT PLAN	
BUILDER:			
CORNERSTONE HOMES INC. 6571 HUNTSIRE DRLIVE BALTIMORE, MD. 21227		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



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## HOWARD COUNTY HEALTH DEPARTMENT

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*Joyce M. Boyd, M.D., County Health Officer*  
December 8, 1998

Cornerstone Homes, Inc.  
9691 Norfolk Ave.  
Laurel, Maryland 20723

RE: Windy Knolls, Lot #8  
6429 Prestwick Drive  
Well Permit #HO- 94-0856

Dear Sirs:

This is to advise you that the septic system for the above referenced property was installed, inspected and approved on September 18, 1998.

The water sample recently submitted for testing was free of coliform and fecal coliform bacteria and is bacteriologically safe for drinking. The water sample was found to be in compliance with COMAR water quality standards.

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- 94-0856. 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 Health department within six (6) months of receipt of this letter. Please contact Ms. Vicki Fellas at (410) 313-2644 to schedule a final water sample appointment.

### INTERIM CERTIFICATE OF POTABILITY

Date(s) of water sample(s): December 1, 1998  
Date of well completion: January 8, 1997

Approving Authority

Sanitarian  
Water and Sewerage Program

cc: Building Inspector's office  
file

8/22/05

8/24/05



Plan needs to show existing septic system & well location marked.



DRS & ASSOCIATES  
LAND DESIGN CONSULTANTS

### LEGEND

- ⊙ DRAIN CLEANOUT
- ⊙ CLEANOUT
- ⊠ WATER VALVE
- ⊠ PH. BOX
- ⊠ ELEC. BOX
- ⊠ CATV
- PROP. COR. NOT SET
- PROP. COR. SET/FOUND

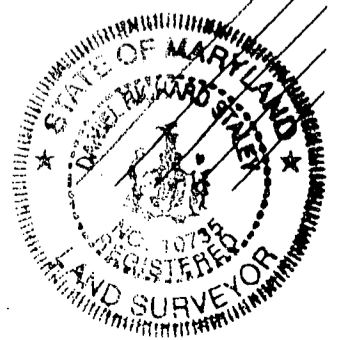
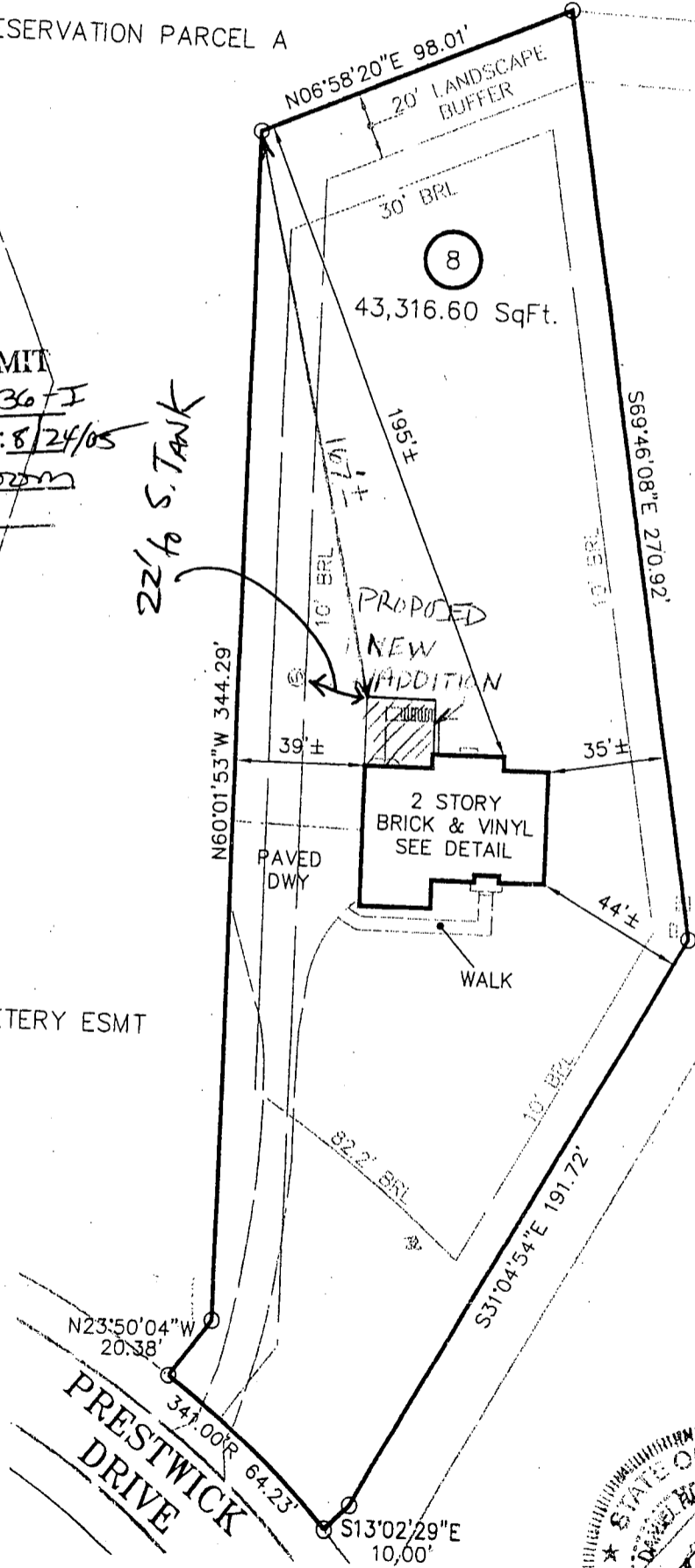
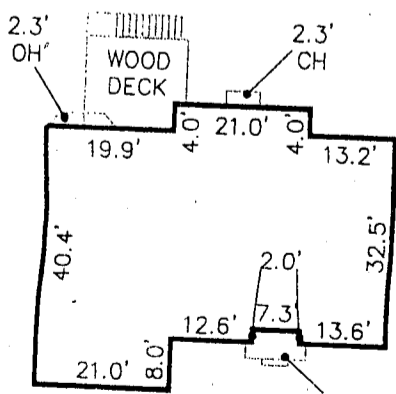
PRESERVATION PARCEL A

**APPROVED**  
**WALK-THRU BUILDING PERMIT**  
 BP# 155479 A# 50036-I  
 APP. SAN Karen Throsson DATE: 8/24/05  
 DESC. OF WORK: Sitting room addition

WINDY KNOLLS  
PLAT 12229

CEMETERY ESMT

PRESTWICK DRIVE



This is to certify that I have surveyed the property shown hereon, known as Lot 8, Windy Knolls, located at 6429 Prestwick Dr, in Clarksville Howard County, Maryland for the purpose of locating the improvements only, and that the improvements are located (±1) as shown hereon, and are not in a flood prone or flood hazardous area.

Daniel R. Staley L.S. 10735 Date 2005-08-12 Howard Co. MD  
 Map Block Parcel 1"=50' Scale