

8/30/89 AM
8/31/89 2PM

348362

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 4424
A 40078
DISTRICT 4th
DATE 8/4/89
DATE SYSTEM APPROVED 8/31/89
INSPECTOR M. Rifkin

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

William H. Smith, Jr. Septic, Water and Pump System IS PERMITTED TO INSTALL X ALTER

ADDRESS P. O. Box 330, Forest Hill, Maryland 21050 PHONE 879-7641

SUBDIVISION Whitewood Estates ROAD 17315 Pink Dogwood Ct. LOT 19

PROPERTY OWNER ROBERT SPERL ~~John Narcott~~ PHONE: 384-1322

ADDRESS _____ 854-0024

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 390 feet from the rear lot line and 60 feet off the left lot line as seen when facing the lot from Pink Dogwood Court. Run trenches on contour toward the left lot line.

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

OK TO INSTALL 3 TRENCHES 117' LONG C.W.

PLANS APPROVED BY Sid Abel DATE 5/10/82

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

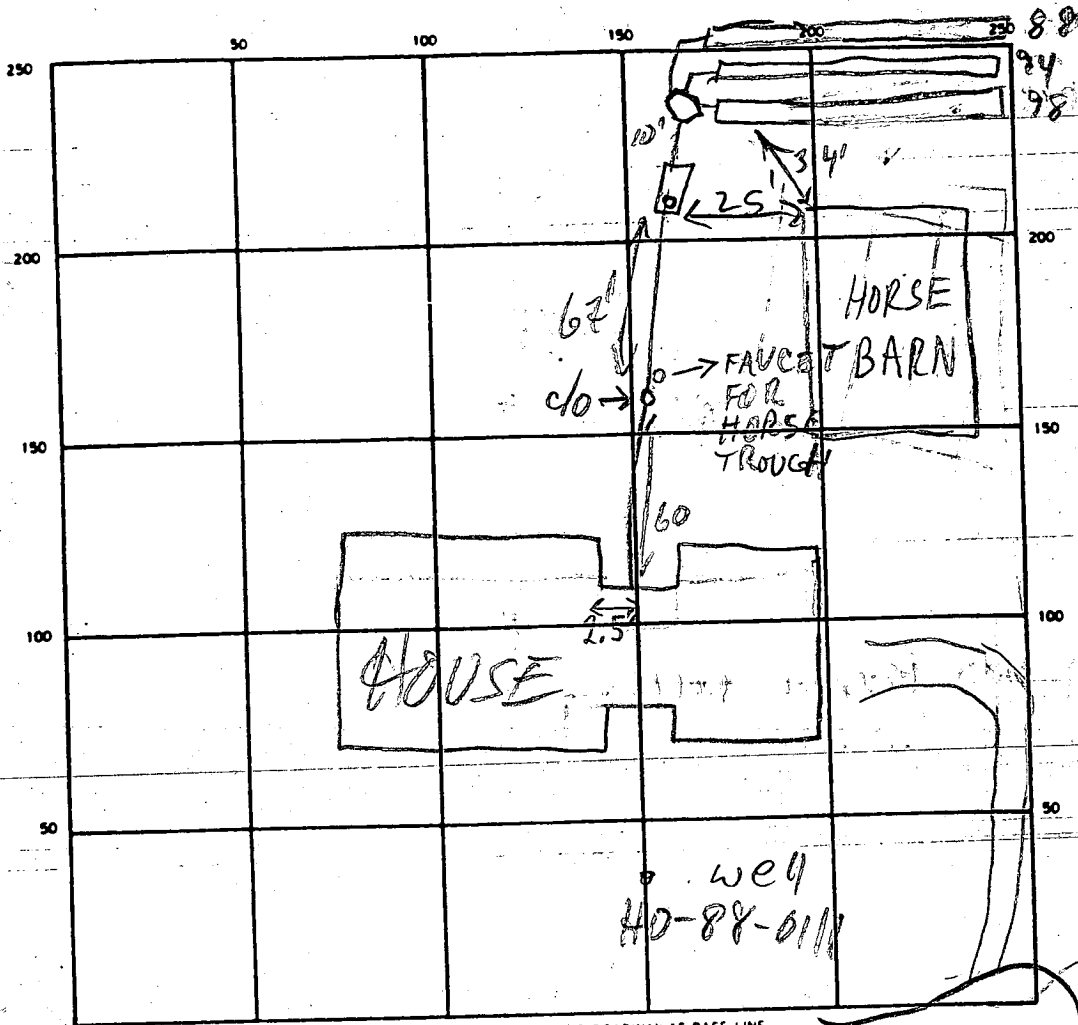
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
40078



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 PINK DOGWOOD CT

SEPTIC TANK LEVEL OK 1500 GAL CLEANOUTS S.T. - OK INLINE - OK

DISTRIBUTION BOX LEVEL OK BAFFLE IN

DRAIN FIELD/TILE FIELD DEPTH 5 FT TRENCH WIDTH 3 FT INLET DEPTH 1 1/2 / 3 FT

EFFECTIVE GRAVEL DEPTH 1.5 FT TOTAL LENGTH 294 FT

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWELL INSIDE DIAMETER — FT EFFECTIVE DEPTH BELOW INLET — FT

ABSORBENT AREA — SQ. FT.

REMARKS 8/30/89 BARN LOCATION DIFFERENT THAN PER APPROVED PLAN. OK TO ADJUSTED SEPTIC AS NECESSARY.
8/31/89 WATER LINE FOR FAUCET TO HORSE TROUGH RUNS W/SEPTIC LINE FROM HOUSE TO POINT SHOWN. ALL WORK OK TO COVER

DATE SYSTEM APPROVED 8/31/89 INSPECTOR M. Riskin

APPLICATION

PERCOLATION TESTING

A 40078

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

*perc test
see ord
permd @ plan*

DISTRICT 472

DATE 9-8-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~Kennard Warfield Jr~~ JOHN NORCOTT - 384-1322

ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION White Property Whitewood EST LOT NO. ~~23 on plan~~
22 190W F

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north
side of Hardy Rd 17315 Pink Dogwood Ct.

TAX MAP 7 PARCEL # 1

SIZE OF LOT 3 ± 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. Mal D Rein

(SIGNATURE OF APPLICANT)

APPROVED BY Sidney Abul FOR Shallen tel fields DATE 8-12-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for hold located & certified holes

BLDG. PERMIT SIGNED

AND RETURNED 5-10-89

BP25520 8/2

THIS IS NOT A PERMIT

X 82

INLET 321

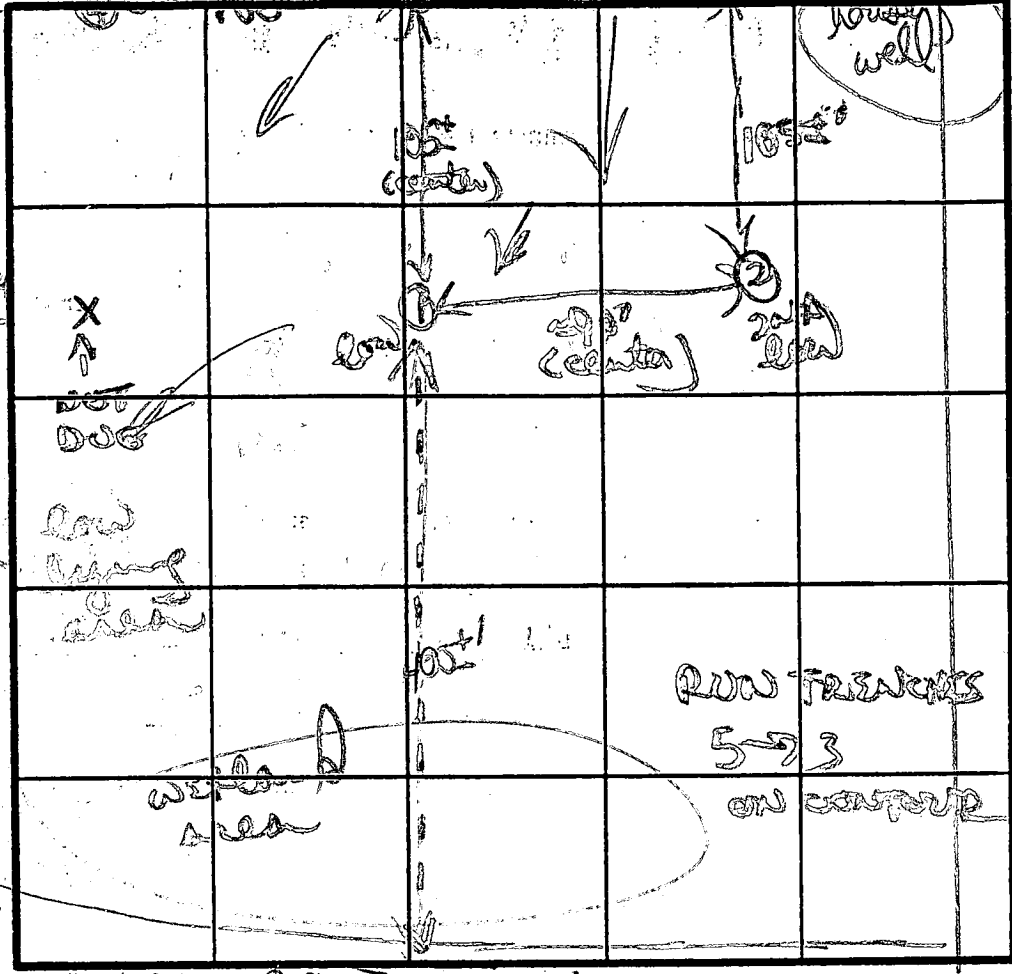
MAX D @ 5.0

TO LOT 21 ↑

93'

high

PIPESTEM TO COURT



⑤
brown purple clay loam clay/silt 3' 4"

to mostly purple silty loam w/ scattered patches of black weathered frags ↓

12'D

②

brown purple clay 4'

to purple/some yellow silty clay loam ↓

12'

SOIL PROFILE

①
brown red silty clay 4'

②
low lying area

③
washed area

④
yellow/orange red max of clay 4'

to mostly brown purple silty clay loam w/ scattered patches of black weathered frags ↓

10-15' well red frags weathered 7'6"

clay loam 11'2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ROUTE 144

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/21/88	①	4'S	254	256	256	259	3MIN	
		13'D	bottom (see profile)					
	④	12.0	11' (along by 11')					fail
	②	3 1/2 S	249	252	252	257	5MIN	
		12 1/2 D	bottom (see profile)					
	⑤	3 1/2 S	311	317	317	334	17MIN	
		7 1/2 M	308	312	312	321	9MIN	
		12'D	bottom (see profile)					
	②	VISION ONLY		OR avoid soils		4'		
		12'D	bottom (see profile)					

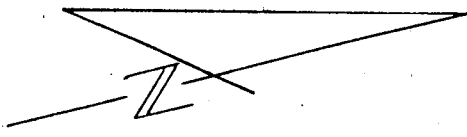
REMARKS: holes 305 common w/ lot 21. One adjusted uphill due to the on down hole.

TYPE OF SOIL: soils mixed; red brown clays; orange purple clay loam 4'; to mostly silty loam

TESTED BY: B. Nylor

ALSO PRESENT: Alan, Mark w/ 8/8

EH-12-1079



NOTES:

F.F. ELEV.: 689.0' ✓
 BASE. ELEV.: 680.0' ✓
 GARAGE:
 HIGH: 687.5' ✓
 LOW: 687.2' ✓
 DISTURBED AREA: 18,500' (DWLG, BARN & DRIVE)
 SEPTIC:
 INV. OUT (DWLG): 679.5' ✓ + BSMT
 INV. IN (TANK): 678.9' ✓
 INV. OUT (TANK): 678.8' ✓
 INV. IN (DIST. BOX): 677.9' ✓
 INV. OUT (DIST. BOX): 677.8' ✓

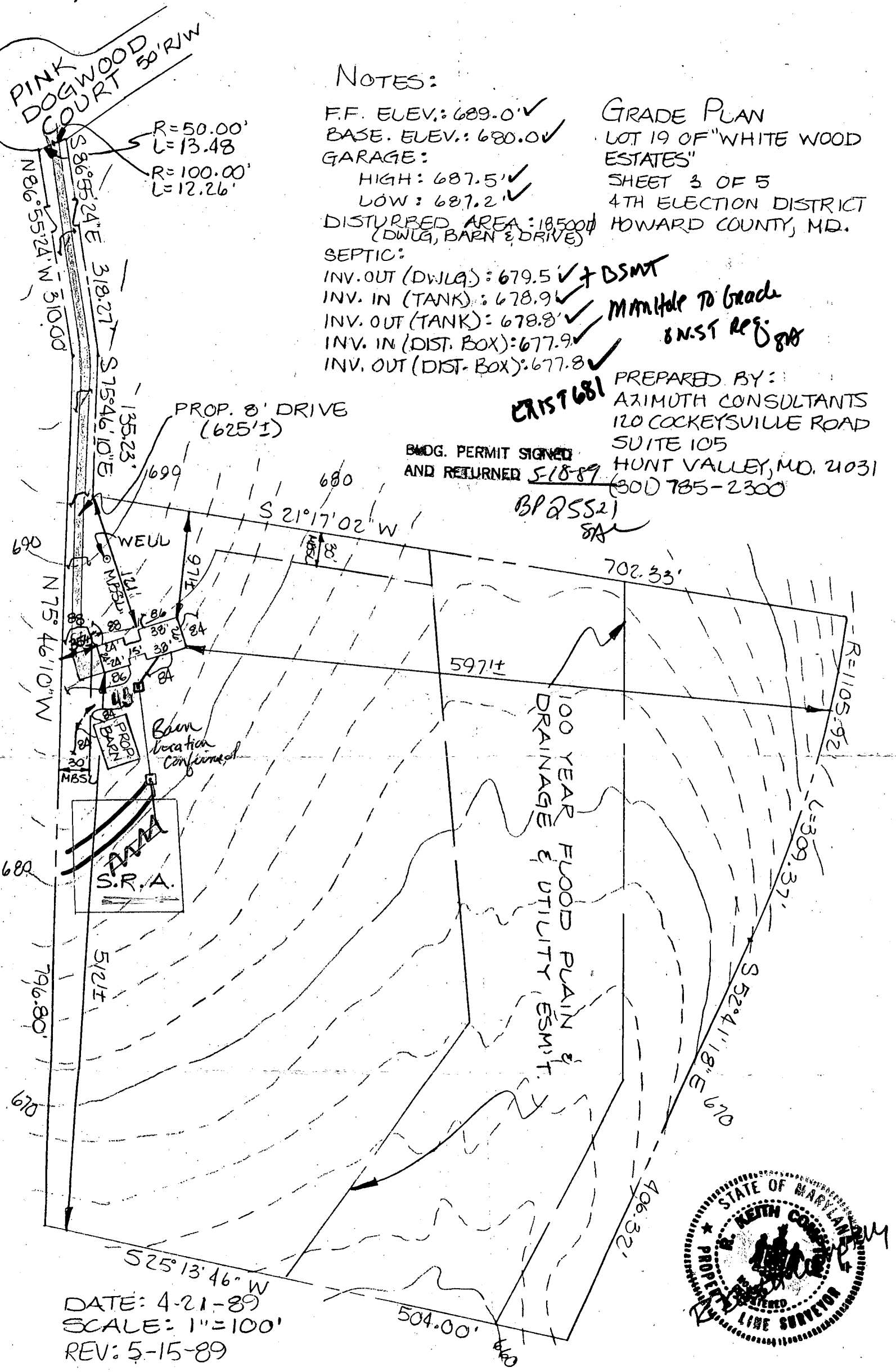
GRADE PLAN
 LOT 19 OF "WHITE WOOD
 ESTATES"
 SHEET 3 OF 5
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MD.

PREPARED BY:
 AZIMUTH CONSULTANTS
 120 COCKEYSVILLE ROAD
 SUITE 105
 HUNT VALLEY, MD. 21031
 (301) 785-2300

CRIST 681

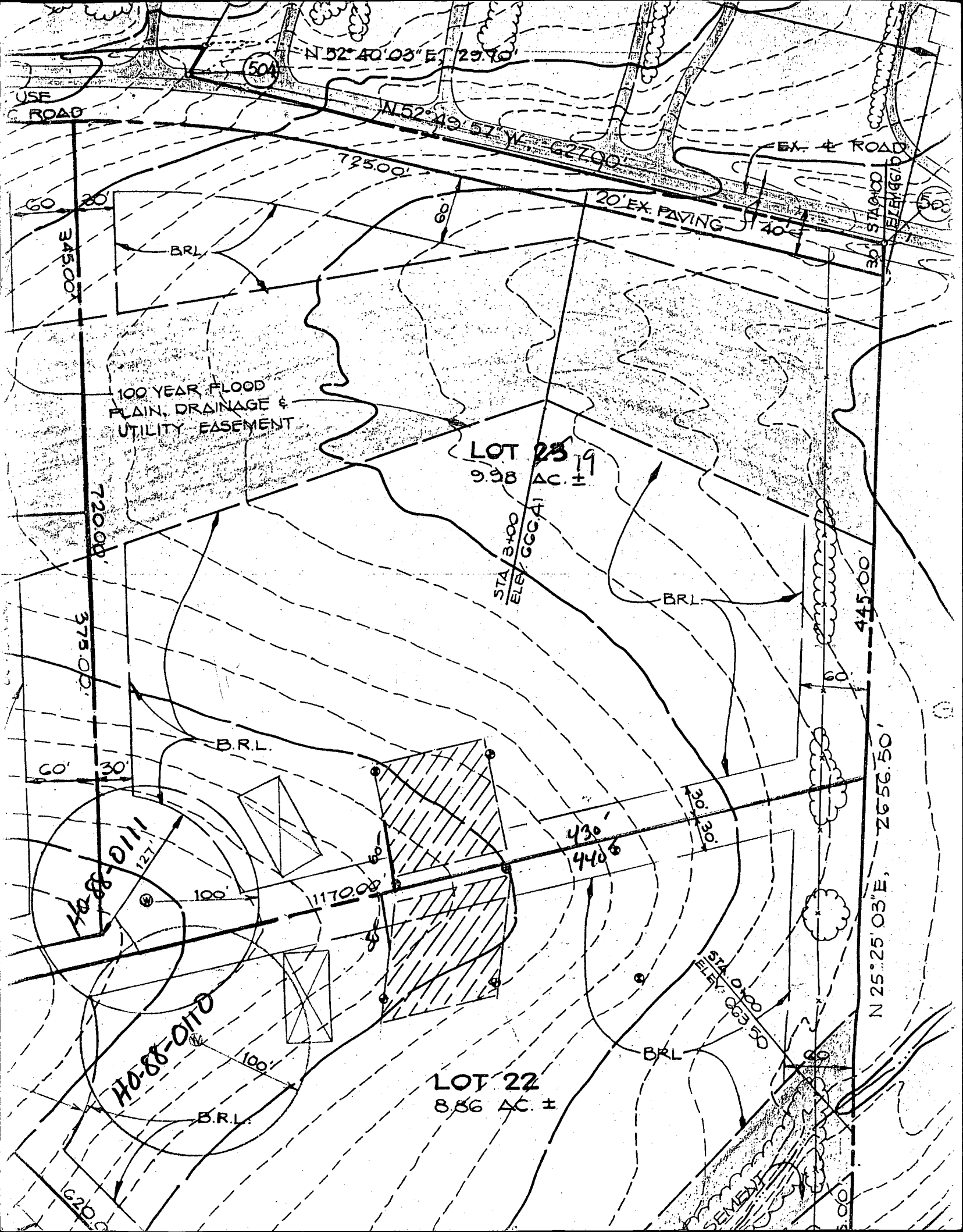
BUDG. PERMIT SIGNED
 AND RETURNED 5-18-89

BP 25521
 SA



DATE: 4-21-89
 SCALE: 1"=100'
 REV: 5-15-89





N 52° 40' 03" E, 29.70'

USE ROAD

N 52° 49' 57" W, 627.00'

EX. ROAD

345.00'

B.R.L.

100 YEAR FLOOD PLAIN, DRAINAGE & UTILITY EASEMENT

LOT 25
9.98 AC. ±

STA. 3+00
ELEV. 666.41

B.R.L.

445.00'

720.00'

375.00'

B.R.L.

HO-88-0111
HO-88-0110

1170.00'

430'
440.6'

30.0'

STA. 0+00
ELEV. 665.50

B.R.L.

N 25° 25' 03" E, 2656.50'

LOT 22
8.86 AC. ±

B.R.L.

SEMENT

C1 0601

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 A. 41078

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 10/20/88

DEPTH OF WELL grid: 205

PERMIT NO. grid: HO-89-0111

OWNER: W. H. Field last name, Ken first name; STREET OR RFD: Pink Dogwood Ct.; TOWN: Potters Springs; SUBDIVISION: White Wood Est; SECTION: ; LOT: 19

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. Rows include Top Soil, Brown Shale, Green Shale, Blue Shale, Brown Shale, Blue Shale.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 30 NO. OF POUNDS 180 GALLONS OF WATER 180 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 40 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot) [ST] [4] [84]

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

SCREEN RECORD screen type or open hole insert appropriate code below [ST] [BR] [HO] [PL] [OT]

DEPTH (nearest ft.) grid: 80, 205

CIRCLE APPROPRIATE LETTER 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 10.17.13 "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.

DRILLERS IDENT. NO. 273 DRILLERS SIGNATURE [Signature]

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

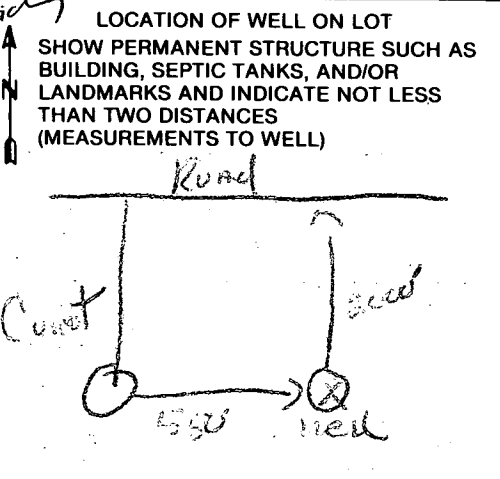
SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) grid: 56, 60

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

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE: Backlog WATER LEVEL (distance from land surface) BEFORE PUMPING 29 WHEN PUMPING 25 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 } LAND SURFACE [-] below } [1] (nearest foot)



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 X
Replacement _____

Receipt # 44825
Date 8/3/89

Name of Installer W.M. H. Smith

Telephone 879-7641

License Number PI58
Certified Well Pump Installer X Well Driller _____ Registered Plumber _____

Name of Property Owner JOHN NORCUTT ROB. SPERL
Subdivision WHITEWOOD EST Lot # _____ Telephone _____
Site Address 17315 PINK DOGWOOD CT Well Tag # 40-88-011
Metal Casing

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible _____
- Make _____
- Model # _____
- Capacity _____ GPM
- Pump exceeds well capacity Yes _____ No _____
- If Yes, is low pressure cutoff switch installed? Yes _____ No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor

- Horsepower _____
- RPM _____
- Voltage _____
 - 110 _____
 - 220 _____

Pitless Adapter

- Make _____
- Model # _____
- Depth _____

Tank

- Capacity _____
- Pressure relief valve? _____

Piping

- Type _____
- Size _____
- NSF and/or BOCA Code approved _____
- Depth of supply line _____

Well data

- Depth _____ ft.
- Yield _____ GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer? _____

8/30/89 well casing 30" B.G. OK TO COVER C.L.

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.

Signature of Applicant: William H. Smith

Date: 8/3/89

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