

4/15/95  
#00 later  
#348389

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50660

A 40075

DISTRICT 4th

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE 4-18-95

DATE SYSTEM APPROVED 6/15/95

INSPECTOR C. Bel.

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION White Wood Estates LOT 22 ROAD 17320 Pink Dogwood Court

PROPERTY OWNER Ed Brilliant & Christine Helinski

ADDRESS See attached No per RMY 4/20/95

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAMED TANK

~~PUMP SEPTIC SYSTEM~~

NUMBER OF BEDROOMS 4

~~\*INSTALL: 1000 Gallon Pump Tank  
\*Septic system pump detail to be provided by contractor prior to septic permit issuance.  
\*Septic pump test required prior to final septic system approval.~~

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 191.15' and 683.43' lot lines, place the distribution box 155 feet up the 683.43' lot line and 90 feet off the same lot line as seen when facing the lot from Pink Dogwood Court. Run trenches on contour toward the road.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/30/95 DKS changed by RMY 4/20

PLANS APPROVED BY Sid Abel/Donna K. Soe

REVISED DATE 03/29/95

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

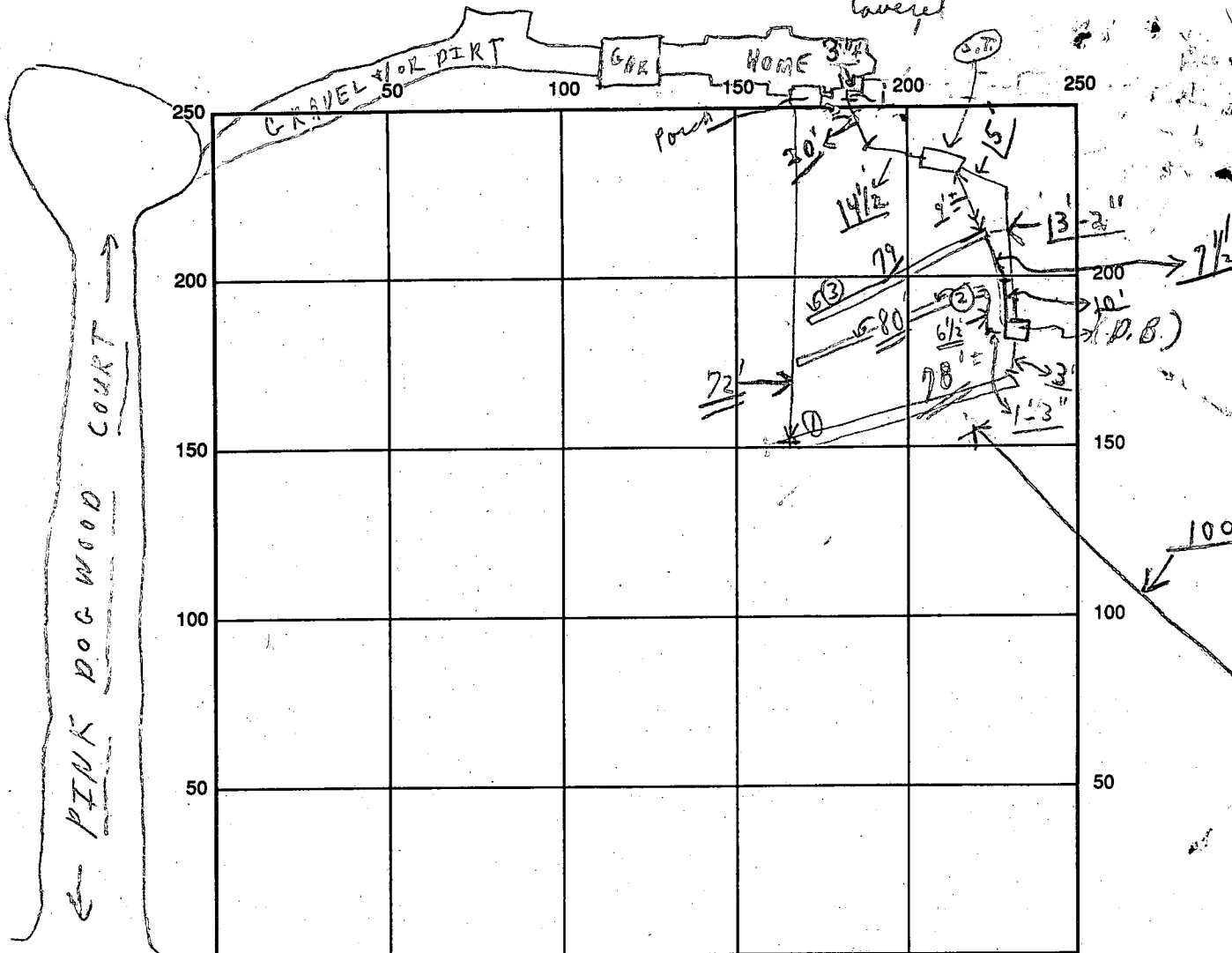
PERMIT VOID AFTER TWO YEARS

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  
40075



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

R1144

SEPTIC TANK LEVEL S.T. OK CLEANOUTS S.T. OK *No Pumping Flow per A.M.'S NOTE*

DISTRIBUTION BOX LEVEL OK (Bell basin)

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. *± average* { 0 78'; 0 80'; 0 79' } TOTAL LENGTH 237 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 948 SQ. FT. <sup>±</sup>

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

ABSORBENT AREA 948 <sup>±</sup> SQ. FT.

REMARKS: Early 6/15/95 (A.M.) ① Partial trench covered 3'± out from house for trench layout per customer installer; ok to cover rest of line from house to dist box; ok to cover #0 trench only;  
6/15 ② Noon Partial #2 trench ok to cover inst #3 trench ok to stone except for end; 6/15/95 Last step - Final CDD  
(6/15/95 W.P.T. done in A.M.) Final in P.M.

DATE SYSTEM APPROVED 6/15/95 INSPECTOR Charles Bryan Stecker

# APPLICATION

PERCOLATION TESTING

A 40075

P \_\_\_\_\_

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

*10/28/87  
perc test approved  
plst*

DISTRICT 4TH

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~~ Ed. Brilliant + Christine Helinski

ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 308-4429  
442-2337

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION White Property LOT NO. 20 PRELIM  
19 22 ON F

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north  
side of Hardy Rd (17320 Pink Dogwood Court)

TAX MAP 7 PARCEL # 1

BLDG. PERMIT SIGNED  
AND RETURNED 3/16/93

SIZE OF LOT 3 ± 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. Mal D Klein  
(SIGNATURE OF APPLICANT)

APPROVED BY Sichy Abel FOR Deep trenches DATE 8-12-88

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

REASONS FOR REJECTION OR HOLDING for field located holes; last redesign + sub  
plst

# THIS IS NOT A PERMIT



10/13/94

# APPLICATION

## PERCOLATION TESTING

A 50439

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 12/12/99

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 New sense 8/12/88

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

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

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

### PROPERTY LOCATION:

SUBDIVISION White Property LOT NO. 22

ROAD AND DESCRIPTION South side of Balto. National Pike (Rt. 144)  
north side of Hardy Road

TAX MAP 7 PARCEL # 1

SIZE OF LOT 3+ acres TYPE BLDG. S.F.D  
(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 \_\_\_\_\_

10/13 REASONS FOR REJECTION OR HOLDING Water & Clay

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_  
For conventional type - in new area tested; CSD

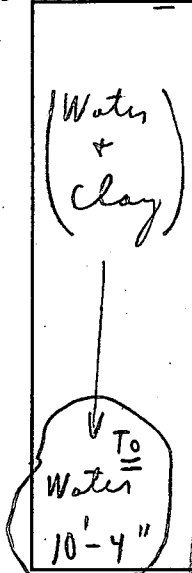
REVERT BACK TO ORIGINAL SPEC. CSD  
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

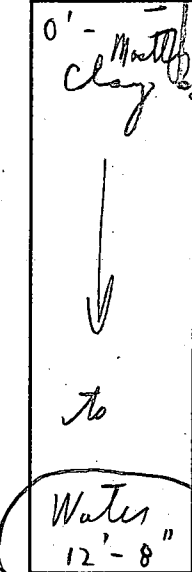
COUNTY #

SOIL PROFILE

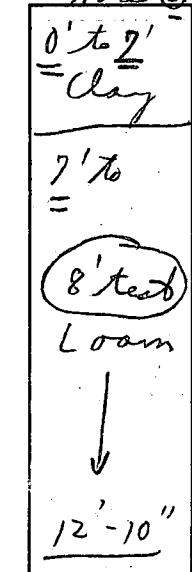
Hole ①



Hole ②

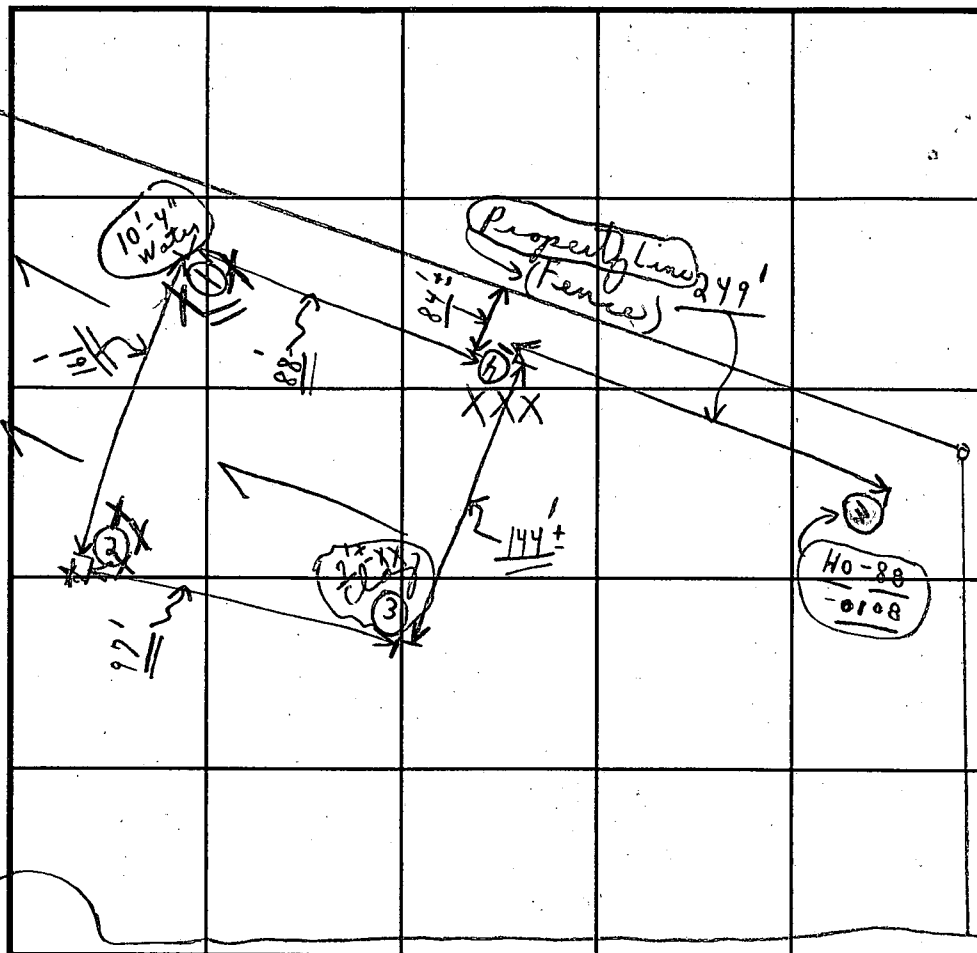
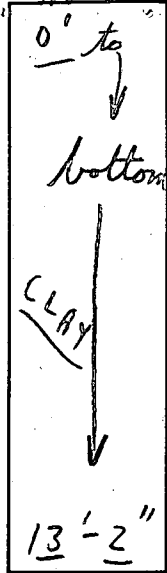


Hole ③



SOIL PROFILE

Hole ④



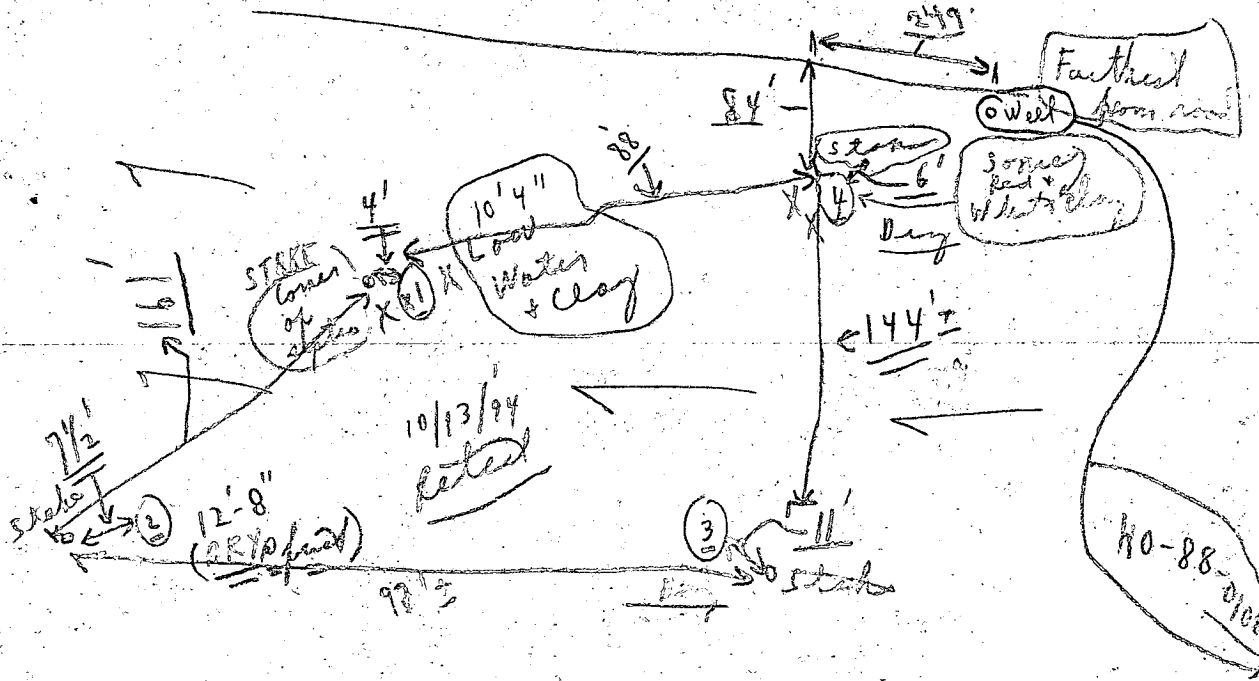
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

*Pink Dogwood Court*

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/13/94	① X	[10'-4"]	Water + Clay	Rejected			XX
Thursday		X	X	X	X	X	XXX
	② X	4'-9"	9:58	10:24	10:24	(1/2" or less)	XX
		12'-8"	Water @ bottom				XXXX
	③	8'	10:04	10:10	10:10	10:18	8 min
		12'-10" = 7' → Clay above 8'					
	④ X	5'	10:11	XX	(1/8" to 1/4"	10:41)	XX
		13'-2"	XX	XX	XX	Clay	XX

REMARKS → Keep original perc area as approved  
 10/13 Res. completed at office; 11/13 Rejected for council  
 TYPE OF SOIL Water, clay mostly {to learn of Schaefer south canoll  
 TESTED BY CBP ALSO PRESENT {Mr. Chuck Project}  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

(P. 144)



10/13/94 ① X X (Water & clay) Rejected in this area

② Bottom of hole	4'-9"	7:58	10:24	10:54	1/2" XXX
	12' 8"	Water	Dry	10%	Westerly shale fragment
③ High clay	8'	10:04	10:40 ±	10:18	8 min
	12' 10"		(clay above 8')		
④ High	5'	10:11	10:	10:	1/8" to 1/4" (10:41)
	13'-2"	X	XX	Clay	

GO BACK TO ORIGINAL AREA

Soil is spotty

Recommendation 10/13/94  
 Rejection on basis of Hole Log at

Revised Plan  
 Mr. Charles P. Schaefer  
 Glen P. Schaefer  
 South Carroll

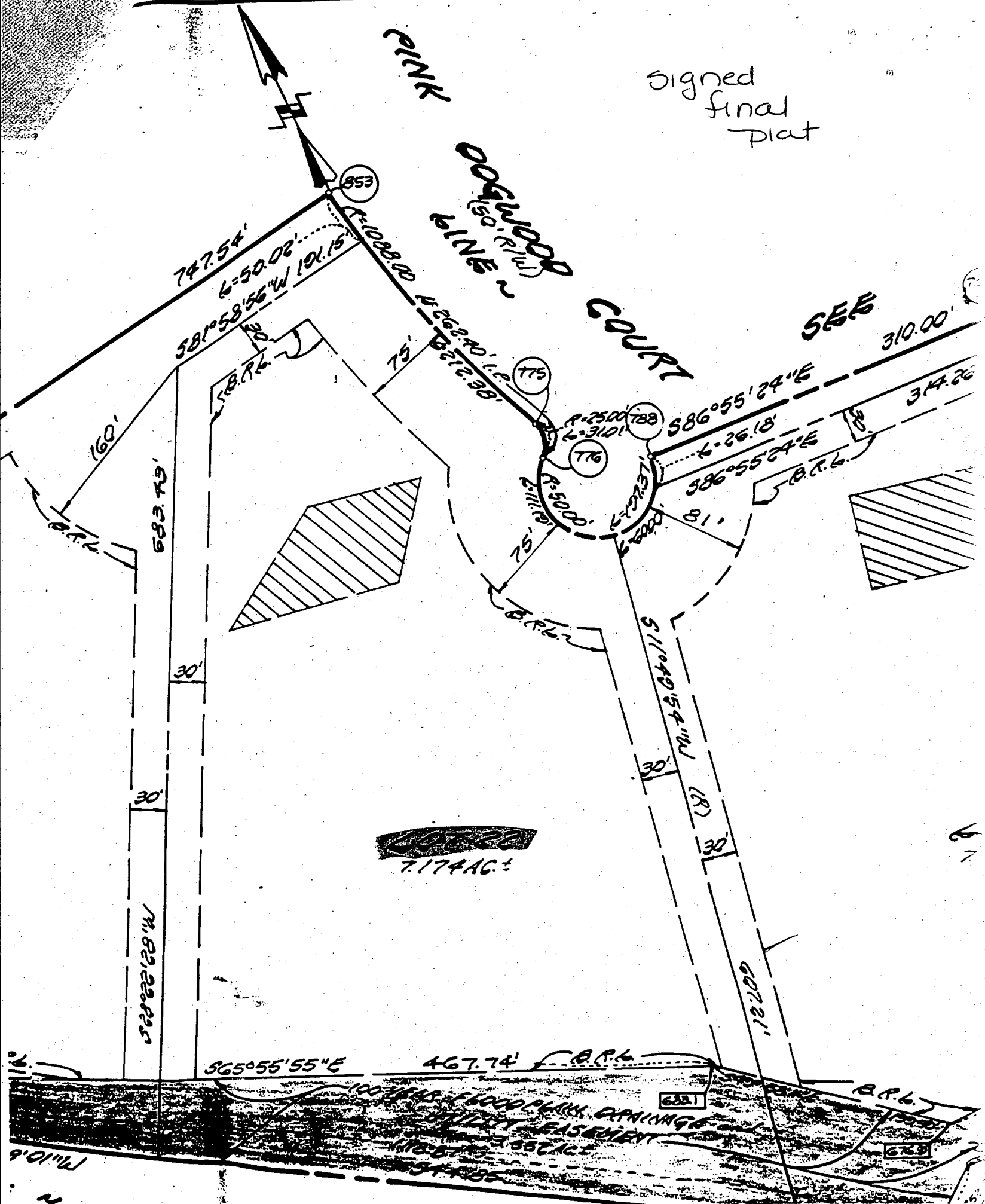
Signed  
final  
plat

PINK

DOGWOOD  
PINE

COURT

SEE



853

779

776

788

7.174 AC ±

6891

6769

9'01\"/>

2

6

(1-4)

STA 15+50  
ELEV 601.75

**COURT**

**DOUGLASS**

B.R.L.

D.P.R.L.

675.00'

135'

190'

B.R.L.

375.00'

75'

75'

100'

25'

50'

150'

102'

100'

285.00'

B.R.L.

30'

25'

25'

495.00'

170'

B.R.L.

100'

B.R.L.

**LOT 21**  
7.25 AC. ±

**LOT 20**  
7.39 AC. ±

Proposed  
raped  
location

27  
00  
Final

758'  
CENTER

695.00'

30' 30'

688.90

B.R.L.

STA 21+50  
ELEV 603.17

STA 10+00  
ELEV 610.00

B.R.L.

620.00'

**C1** **0598** SEQUENCE NO. (DENV USE ONLY)  
 1 2 3 6  
 (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 **A-40075**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **10/14/88** Depth of Well **100** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-88-0108**

OWNER **W. A. Field** last name **Field** first name **W. A.**  
 STREET OR RFD **1000 DOBSON CT.** TOWN **POPLAR SPRINGS**  
 SUBDIVISION **WHITE WOODS WEST** SECTION **1** LOT **20**

**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 So. L	0	2	
Brown Shale	2	80	<input checked="" type="checkbox"/>
Brown Slate	80	85	
Blue Slate	85	90	
Brown Slate	90	95	<input checked="" type="checkbox"/>
Blue Slate	95	100	

**GROUTING RECORD** yes  no   
 WELL HAS BEEN GROUTED (Circle Appropriate Box)  
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **18** NO. OF POUNDS **1800**  
 GALLONS OF WATER **100**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **100** 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  PL Nominal diameter (nearest inch) **60** Total depth of main casing (nearest foot) **100**

**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  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

**C2**  
 DEPTH (nearest ft.)  
 EACH SCREEN **HO 89** **100**

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 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. **223**  
**Ruth Moore**

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

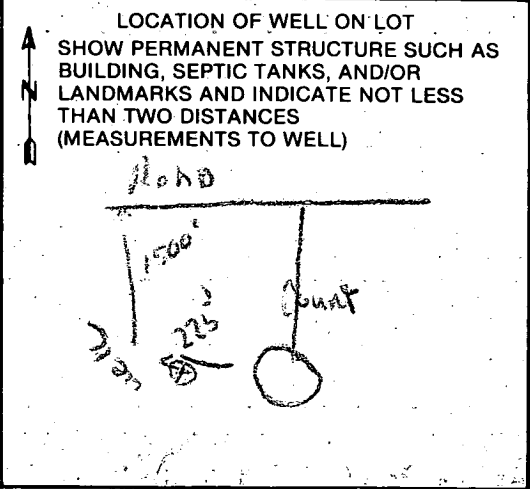
SLOT SIZE 1 **2** 2 **3**  
 DIAMETER OF SCREEN [ ] [ ] [ ] (NEAREST INCH)

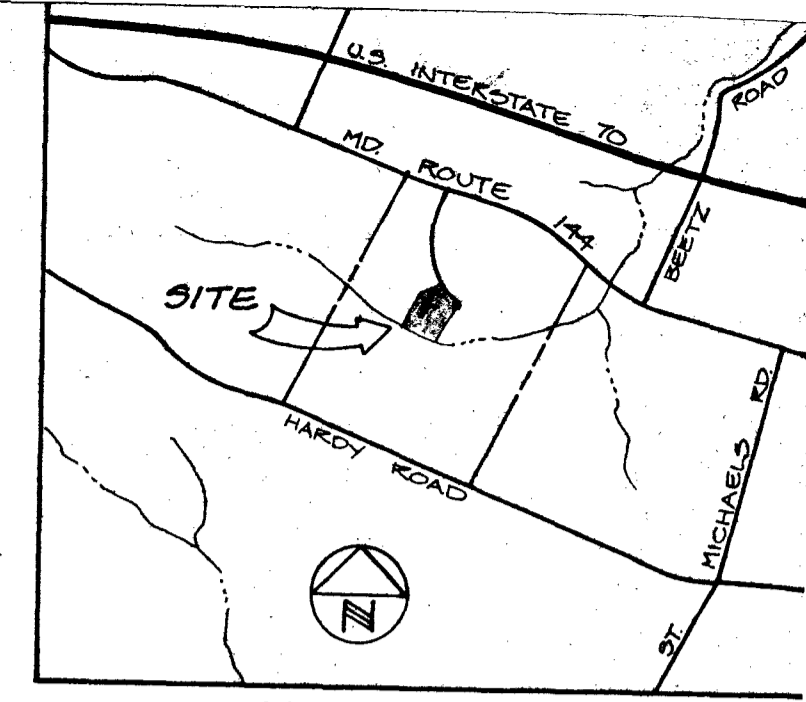
GRAVEL PACK [ ] [ ] [ ] [ ]  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

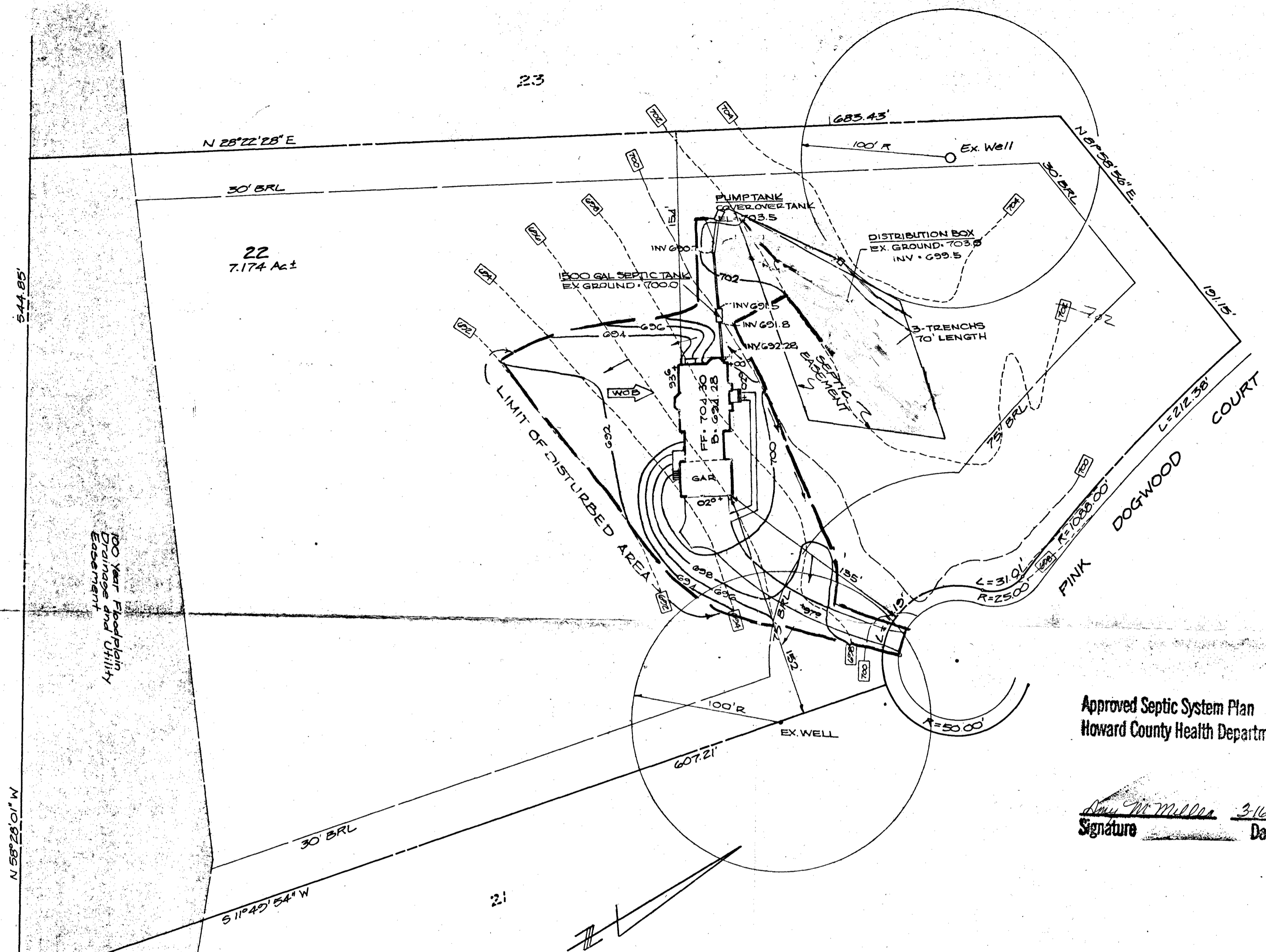
**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **7**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **29**  
 WHEN PUMPING **49**  
 TYPE OF PUMP USED (for test)  
 A air  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 (nearest foot) **2**  
 - below }





VICINITY MAP  
SCALE: 1" = 1200'



100 Year Floodplain  
Drainage and Utility  
Easement

Approved Septic System Plan  
Howard County Health Department

*Ray M. Miller* 3-16-95  
Signature Date

- LEGEND**
- Existing Contour -----
  - Proposed Contour - - - - -
  - Spot Elevation +992 ---
  - Drainage Flow →
  - Walkout Basement [W.O.B.]
  - Limit of Disturbed Area [Dashed line]
  - Manhole cleanout required on septic tank and pump tank.
  - Length of trenches to be determined at time of septic permit issuance.

**GENERAL NOTES**

1. EXISTING TOPOGRAPHY FIELD RUN BY CLARK FINEFROCK & SACKETT INC 10-6-94
2. REFERENCE PLAT N° 6246
3. LENGTH OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE

1 Add Revised Septic Easement to Plan per Signed Final Plat		3-13-95
No. REVISIONS		DATE
<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED R.M.T.	<b>SITE DEVELOPMENT PLAN</b>  <b>LOT 22</b> <b>WHITE WOOD ESTATES</b>  TAX MAP-7 PARCEL-1 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN MCR		DRAWING 1 of 1
CHECKED <i>fine</i>		JOB NO. 93-200
DATE 12-6-94	FOR: THE TROUTMAN COMPANY 4801 Dorsey Hall Road, #200 Ellicott City, MD 21042	FILE NO. 93-200X