

7/31/89  
AM ASAP

#348230

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 44817

A 40065

DISTRICT 4th

DATE 8/3/89

DATE SYSTEM APPROVED 8/1/89

INSPECTOR CW

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

## INDEXED

Olen Ketterman

IS PERMITTED TO INSTALL  ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION White Woods Estates ROAD 17301 White Plains Ct LOT 9

PROPERTY OWNER John C. Peden  
Seneca Home Building, Inc.

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. 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. 8 feet of stone below distribution pipe.

LOCATION - Place the first trench 135 feet from the front lot line and 110 feet off the right lot line as seen when facing the lot from White Plains Court. Run trenches on contour toward the right 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. CW

PLANS APPROVED BY Sid Abel

Updated

DATE 4/12/89

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

BLDG. PERMIT SIGNED

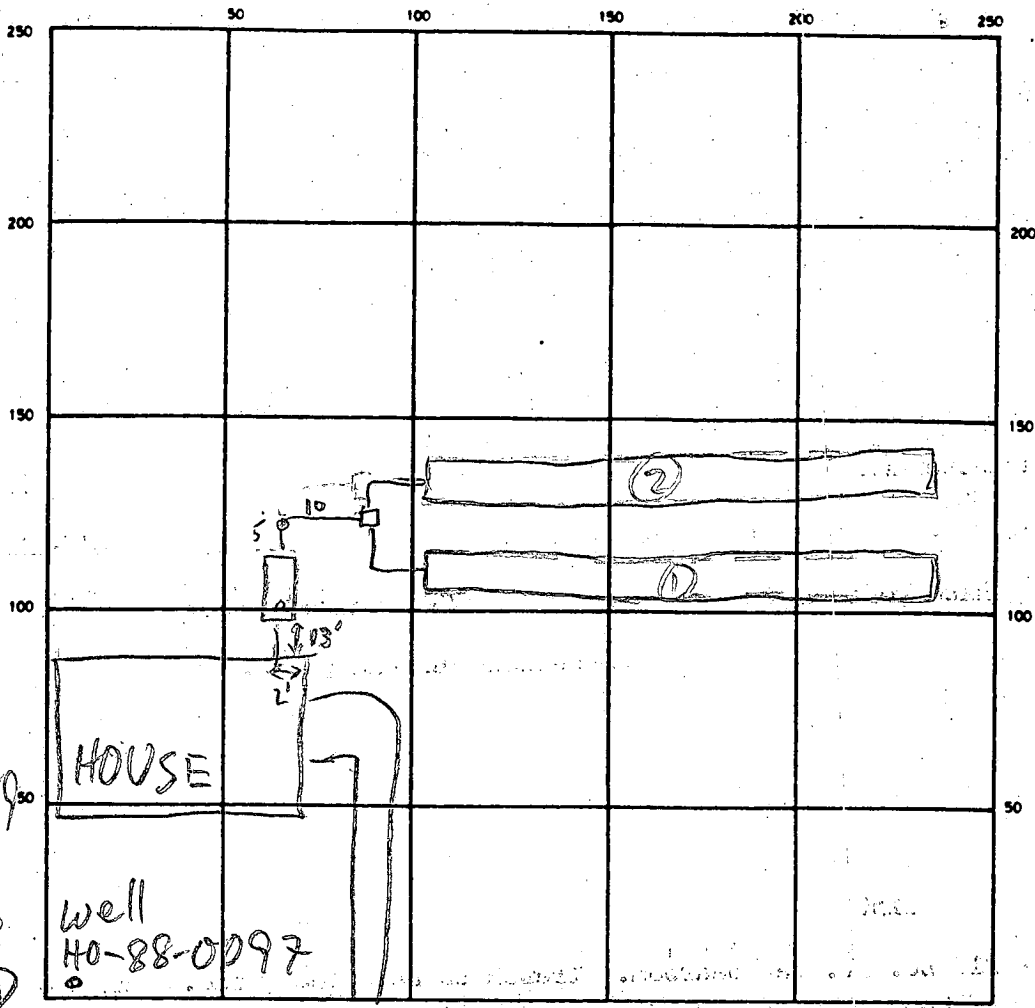
AND RETURNED 2/10/92

Serial # 41153 -  
addition - deck

A 40065

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

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



MR 7/31/89  
 PVC  
 CASING  
 CRACKED  
 CAP OFF &  
 CRACKED

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 WHITE PLAINS CT

SEPTIC TANK LEVEL OK CLEANOUTS ST/V

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 105' 210 FT

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 840 SQ. FT.

REMARKS 7/31/89 #1 TRENCHES DUG TO 90', WILL EXTEND TO  
125' EACH MR 7/31/89 #2 TRENCHES DUG TO 105'  
READY FOR STONE MR

8/1/89 OK TO COM. C.W.

DATE SYSTEM APPROVED 8/1/89 INSPECTOR CW [Signature]

# APPLICATION

PERCOLATION TESTING

A 40065

P \_\_\_\_\_

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

*10/29/88  
perc ok & send us  
approved plans  
@*

DISTRICT 474

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 Seneca Home Bldg Inc. 854-6985

ADDRESS 14663 Tridelphia Rd Glenely 21737 PHONE 442-2337

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION White Property Whitewood Est LOT NO. 9

ROAD AND DESCRIPTION South side of Balto National Pike (Rt 144) north side of Hardy Rd 17301 White Plains 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 Fickus Aul 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 & sub ± plan

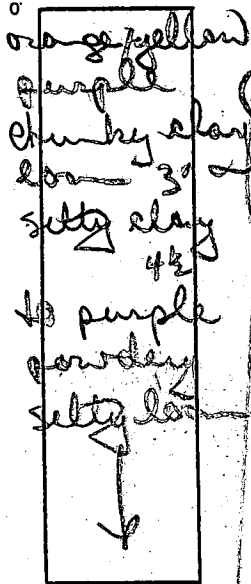
BLDG. PERMIT SIGNED  
AND RETURNED 4-12-89

BP24694 8/8

# THIS IS NOT A PERMIT

INLET 4'  
 MAX D 8'  
 1907/80  
 $\bar{x} = 10$  min

SOIL PROFILE



12 1/2' D

④

similar soils

lots of

5-10% small

scattered weathered

frag 5'

12' D

③

orange/yellow brown clay

4'

to orange/purple

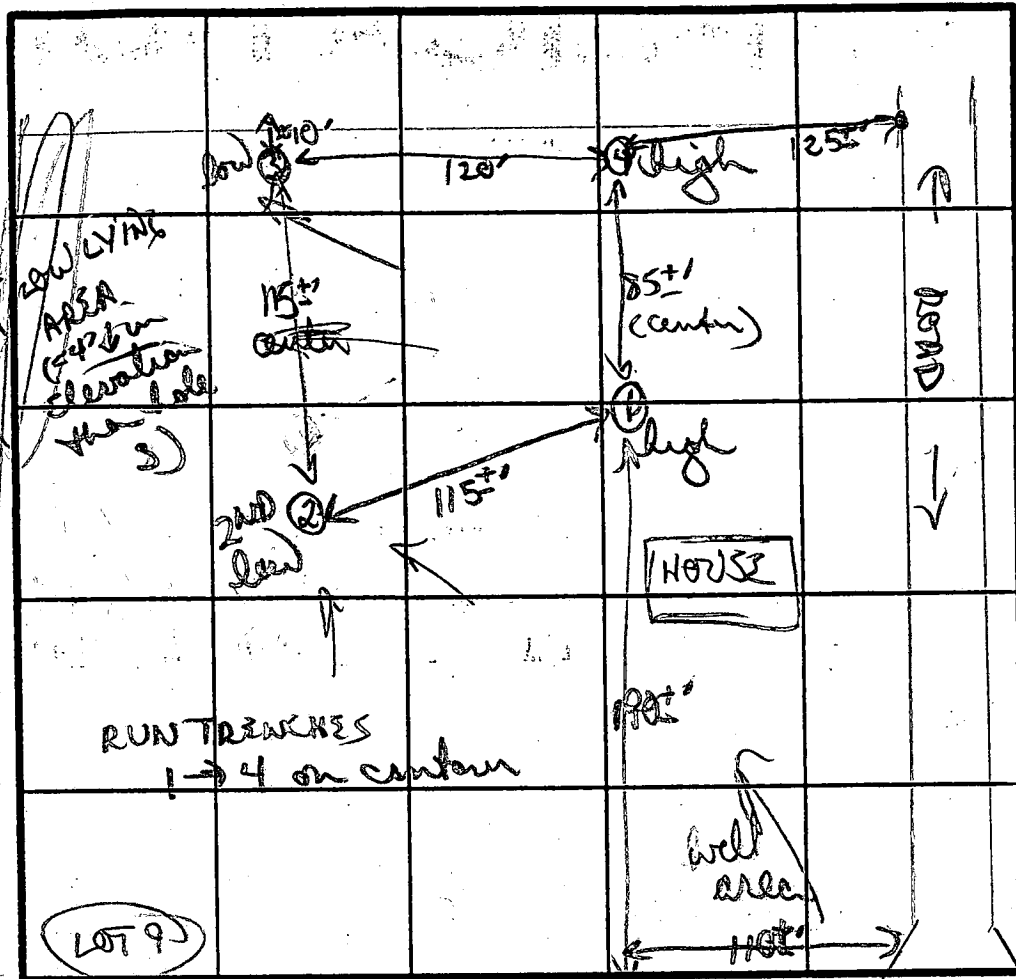
gritty silty loam

< 5% small

scattered

frag

12 1/2' D



②  
 brown/orange purple clay 3 1/2'

to purple chunky silty loam

12' D

TO LOT 16

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HARDY ROAD

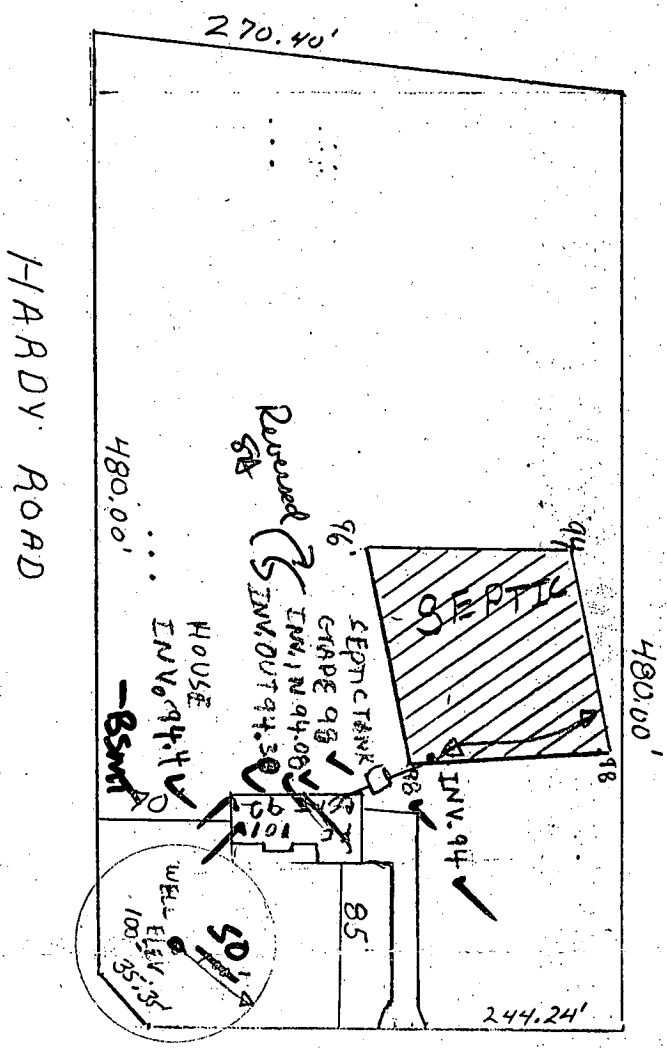
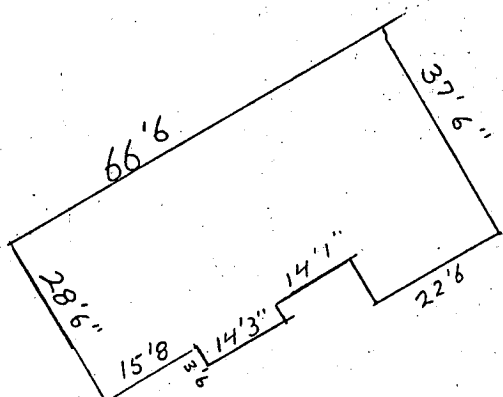
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/27/87	①	4 1/2 S	1125	1128	1128	1133	5 min	
		8' M	1124	1129	1129	1140	11 min	
		12 1/2 D	bottom (see profile)					
	②	4' S	1127	1134	1134	1155	12 min	
		12' D	bottom (see profile)					
	③	4' S	1138	1143	1143	1154	11 min	
		12 1/2 D	bottom (see profile)					
	④	VISUAL ONLY (GOOD SOILS 4' ↓)						
		12' D	bottom (see profile)					

probably OK - 3 1/2 - 4

REMARKS: Dug + tested as staked  
 TYPE OF SOIL: orange/yellow clay/loam 4'; mostly purple orange silty loam below  
 TESTED BY: B Nixen

Seneca Home Builders, Inc.

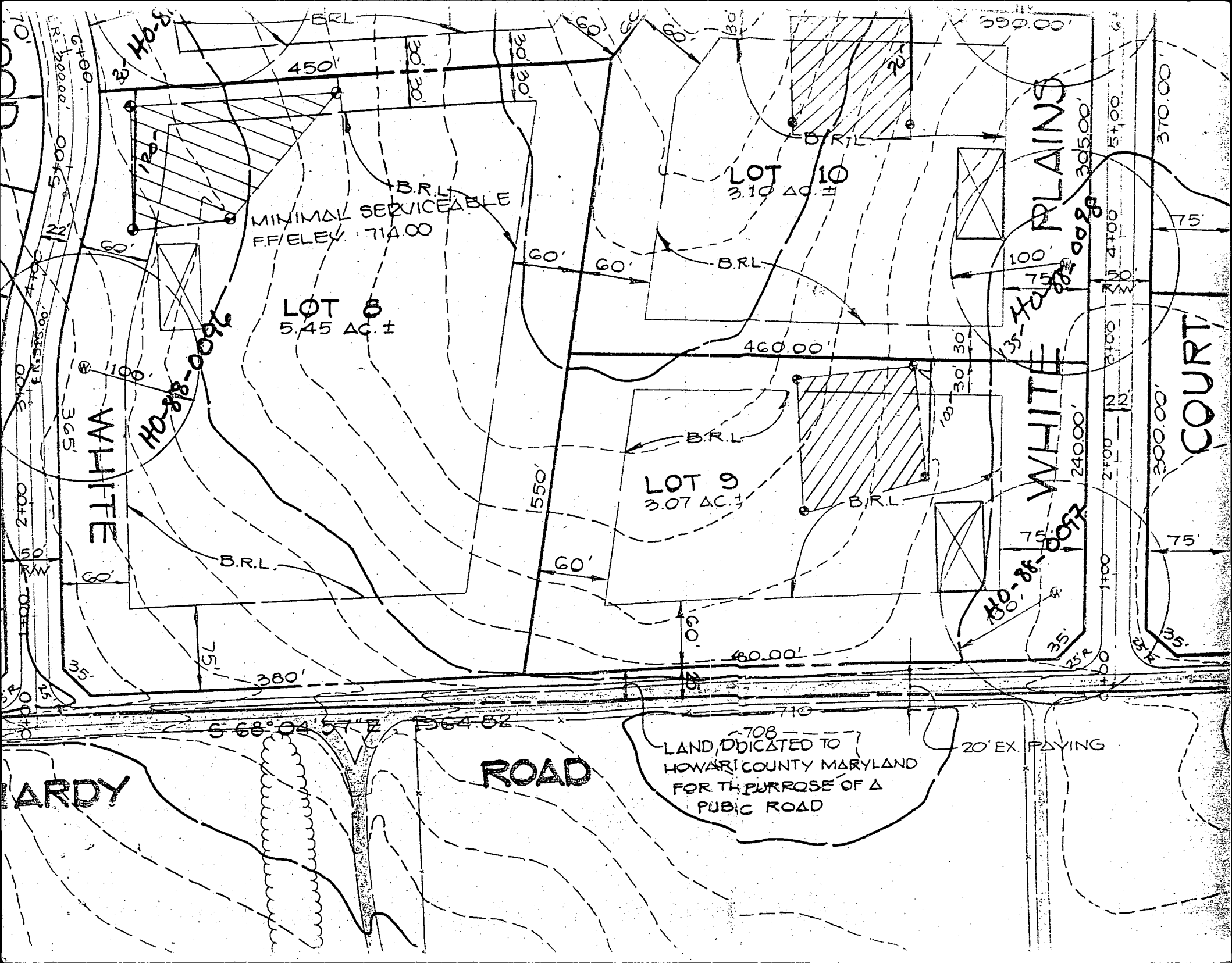
3126 CABIN RUN RD.  
 WOODBINE, MARYLAND 21797  
 854 6985



ENGG. PERMIT SIGNED  
 AND RETURNED 4-12-89  
 BP 24694  
 [Signature]

HOUSE LOCATION PLAN  
 17301 WHITE PLAINS CT

LOT 9  
 BLOCK  
 SCALE: 1" = 100'



MINIMAL SERVICEABLE  
FF/ELEV. 714.00

LOT 8  
5.45 AC. ±

LOT 10  
3.10 AC. ±

LOT 9  
3.07 AC. ±

WHITE PLAINS

WHITE PLAINS

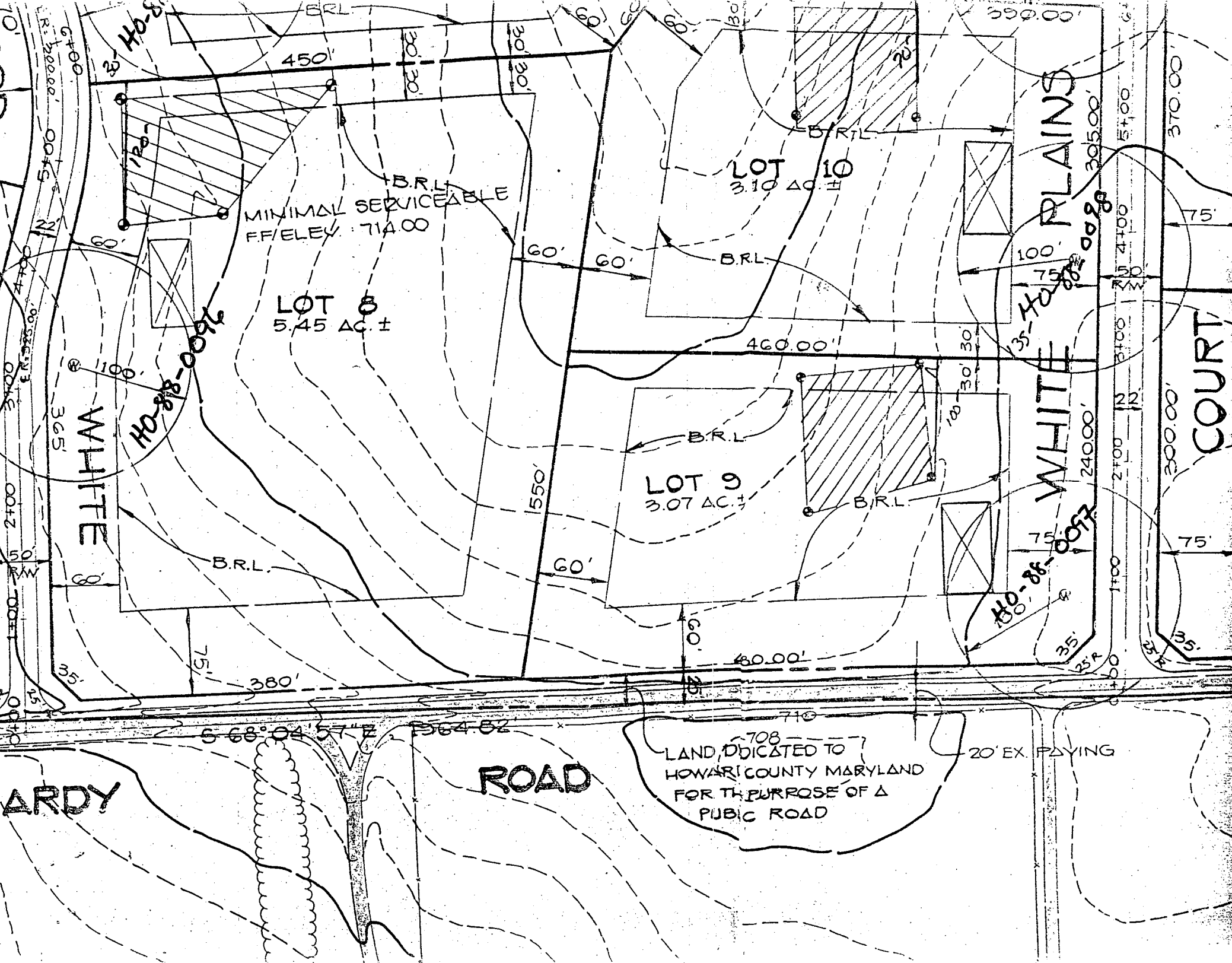
COURT

ROAD

LAND DEDICATED TO  
HOWARD COUNTY MARYLAND  
FOR THE PURPOSE OF A  
PUBLIC ROAD

20' EX. EASING

HARDY





**DEVELOPMENT  
CONSULTANTS  
GROUP**

SURVEYORS, ENGINEERS & LAND PLANNERS

SUITE 102  
17904 GEORGIA AVE.  
OLNEY, MD 20832

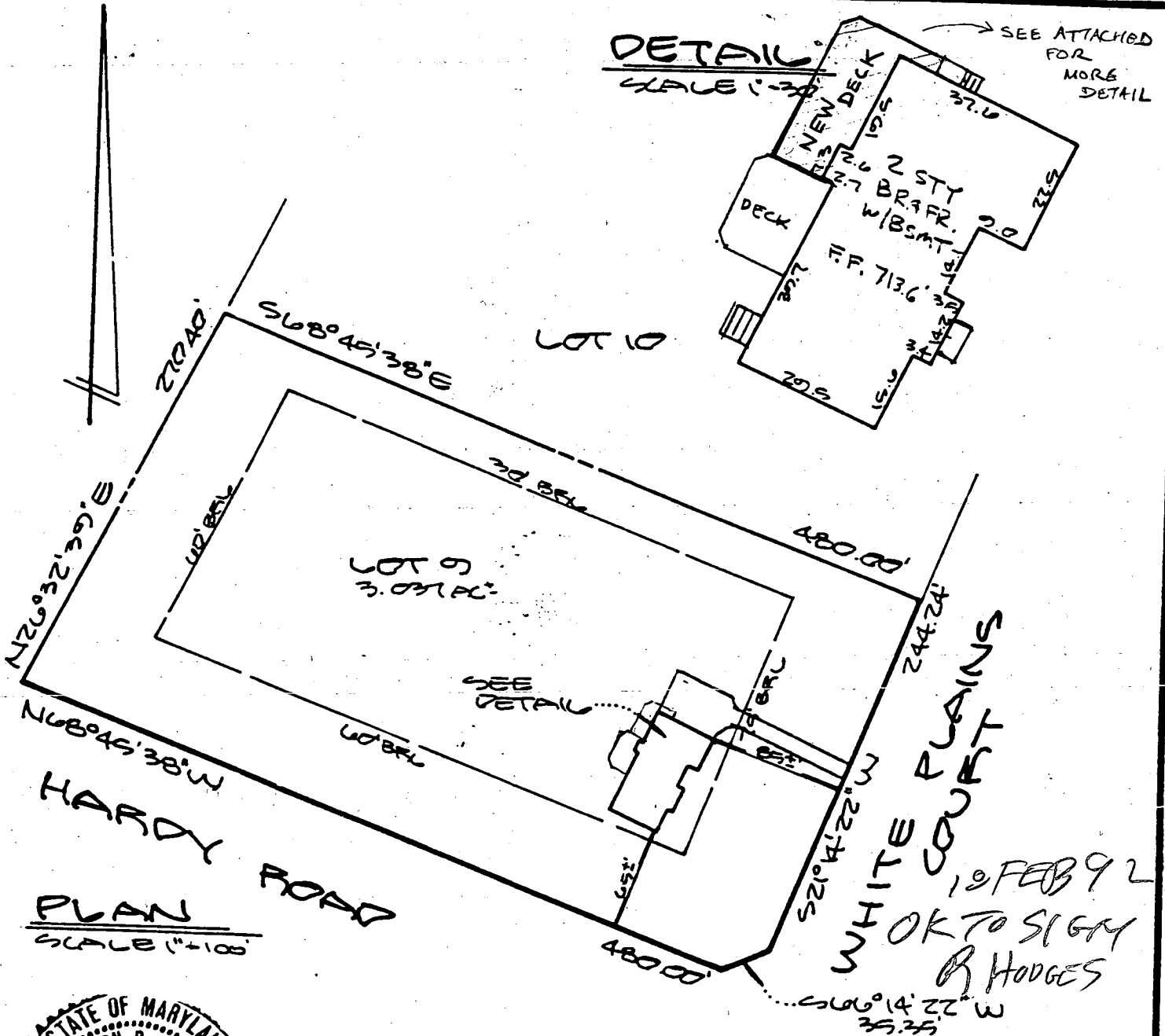
924-4570

**HOUSE LOCATION PLAT**

LOT.....?..... BLOCK.....

**WHITE WOOD ESTATES**

COUNTY OF HOWARD..... PLAT BK..... PLAT NO. 8245



10 FEB 92  
OK TO SIGN  
R HODGES



NOTES: All dimensions and bearings are not guaranteed by this plat.

Not in flood plain per existing records unless otherwise noted.

**SURVEYOR'S CERTIFICATION**  
 I hereby certify that to the best of my knowledge & belief that the property delineated hereon is in accordance with the Plat of Subdivision and/or deed of record, that the improvements shown were located by accepted field practices and include permanent visible structures and attachments, if any. This Plat is not for determining property lines, but prepared for exclusive use of present owners of property and also those who purchase, mortgage, or guarantee the title thereto, within six months from date hereof, and as to them I warrant the accuracy of this Plat. No title report furnished.

*William D. Lawrence*  
 Professional Land Surveyor No. 5216

Job No	21-725
Scale	1"=100'
<b>DATES</b>	
Wall Ck:	5-30-89
Final Loc:	12-29-89
Recort:	6-25-90

**DEVELOPMENT CONSULTANTS GROUP**

ENGINEERS & LAND PLANNERS

102  
304 GEORGIA AVE.  
LNEY, MD 20832

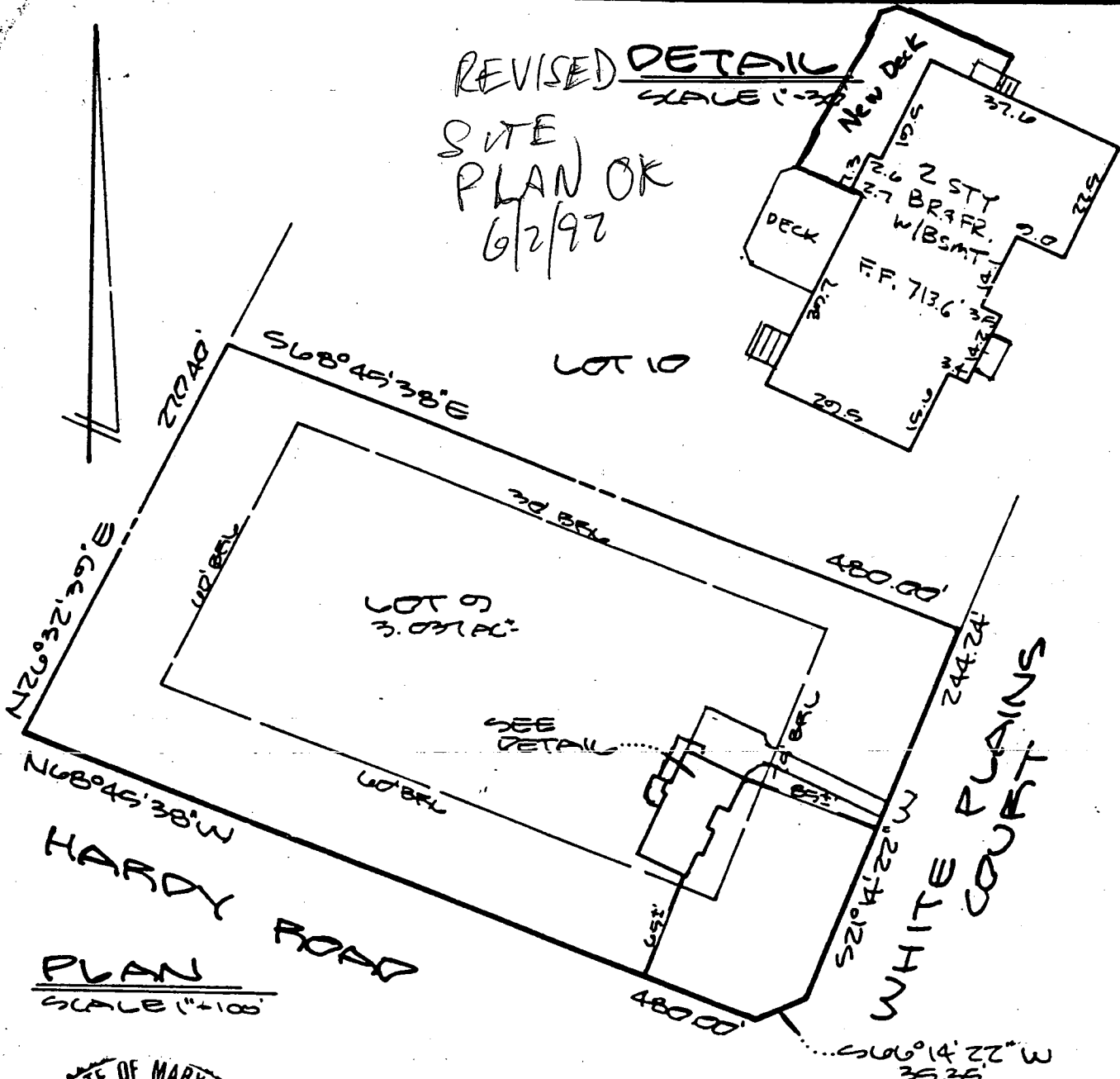
924-4570

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LOT ..... ? ..... BLOCK ..... - .....

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<b>DATES</b>	
Wall Ck:	5-30-89
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Recor:	6-25-90



B 1 3619 SEQUENCE NO. (DP USE ONLY)  
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS

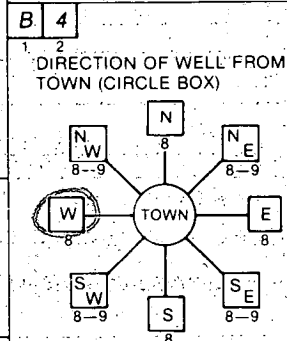
STATE OF MARYLAND PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
40-88-0097  
fill in this form completely

Date Received (APA) 08.07.88  
OWNER INFORMATION  
WARFIELD LEW  
14663 TWIN DELPHIA RD  
ALF WELLS MD 21232

B 3 LOCATION OF WELL  
HOWARD COUNTY  
WHITE WOODS EST  
SECTION 4 LOT 9  
POPULAR SPRINGS  
MILES FROM TOWN 1 MI

DRILLER INFORMATION  
RALPH MAYNE  
RALPH MAYNE WELL DRILLING  
9170 Brown Church Rd Mt Airy  
Ralph Mayne 2/30/88



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD WHITE PLAINS CT.  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD 20 FT

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) 5  
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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
Howard A-4006S  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 081788  
CO SIGNATURE S. J. ... EXP. DATE 021688  
NORTH GRID 549000 EAST GRID 0766000

APPROXIMATE DEPTH OF WELL 150 FEET

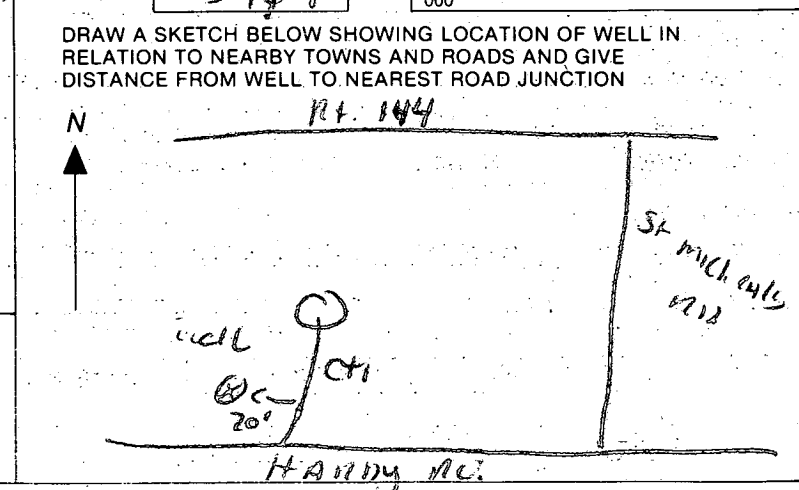
APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTARY DRIVE-POINT  
other

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 7646  
N 5469

8/25/88  
WELL OK  
SEE OTHER SIDE PH

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  
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)  
APPROP. PERMIT NUMBER GAP  
FORCE SA INITIALS IN BOX PERMIT NO. 40-88-0097

SPECIAL CONDITIONS

(W)

HARDY RD

2/25/88

- ① WELL LOCATION OK.
- ② 70 FT CASING
- ③ 13 BAGS
- ④ AT LEAST 50 FT OPEN HOLE MEASURED  
FOR WITH A STRING
- ⑤ WELL OIL

B. Hodges

RECEIVED  
HOWARD COUNTY  
HEALTH DEPT  
FEB 28 8 50 AM '88

**C1** **0587** SEQUENCE NO. (DENV 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 **40065**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **082588** Depth of Well **295** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-88-0097**

OWNER **WALTON KEN**  
 STREET OR RFD last name **WALTON PLAINS CR.** first name **KEN** TOWN **PORRAR SPRINGS**  
 SUBDIVISION **LOT 9** 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	2	
Brown Slate	2	60	✓
Brown Slate	60	65	
Blue Slate	65	90	
Brown Slate	90	95	✓
Blue Slate	95	295	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **13** NO. OF POUNDS **1300**  
 GALLONS OF WATER **58**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **507** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST CO** **PL OT**  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE **PL** **C** **70**  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
**ST BR HO** **PL OT**  
 STEEL BRASS OPEN HOLE PLASTIC OTHER

**C2**

EACH SCREEN	DEPTH (nearest ft.)	
	from	to
1	<b>HO</b> 68	<b>295</b>
2		
3		

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

**C3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **5**  
 METHOD USED TO MEASURE PUMPING RATE **Puckot**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **38**  
 WHEN PUMPING **79**  
 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: **29**  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35  
 PUMP HORSE POWER 37 41  
 PUMP COLUMN LENGTH (nearest ft.) 43 47  
 CASING HEIGHT (circle appropriate box and enter casing height)  
**+** above } LAND SURFACE (nearest foot) **2**  
**-** below }

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. **273**  
**Math Mayne**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA  
 T (E.R.O.S.) WQ  
 70 72 74 75 76

