

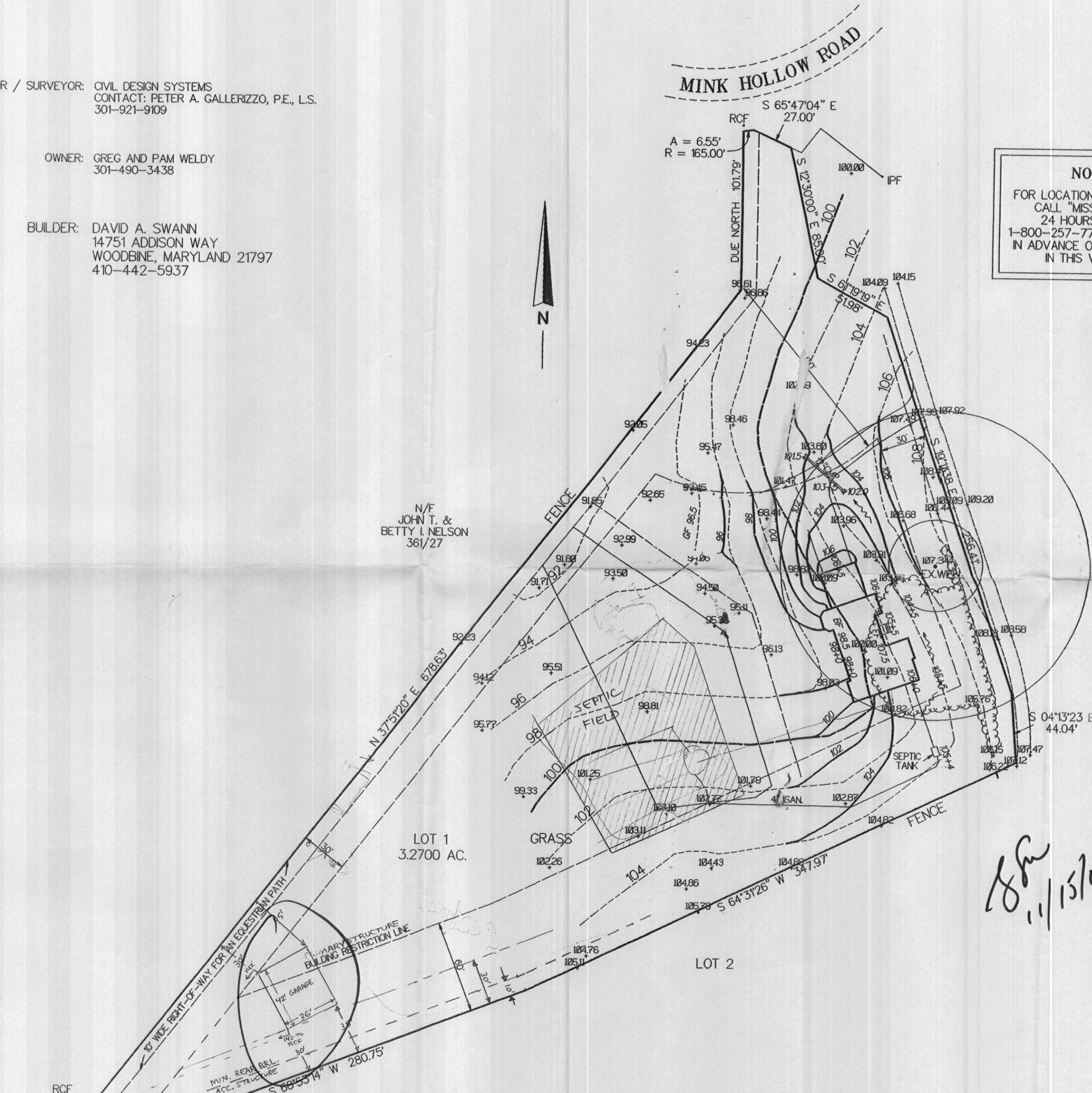
RCF = REBAR AND CAP FOUND  
 IPF = IRON PIPE FOUND

ENGINEER / SURVEYOR: CIVIL DESIGN SYSTEMS  
 CONTACT: PETER A. GALLERIZZO, P.E., L.S.  
 301-921-9109

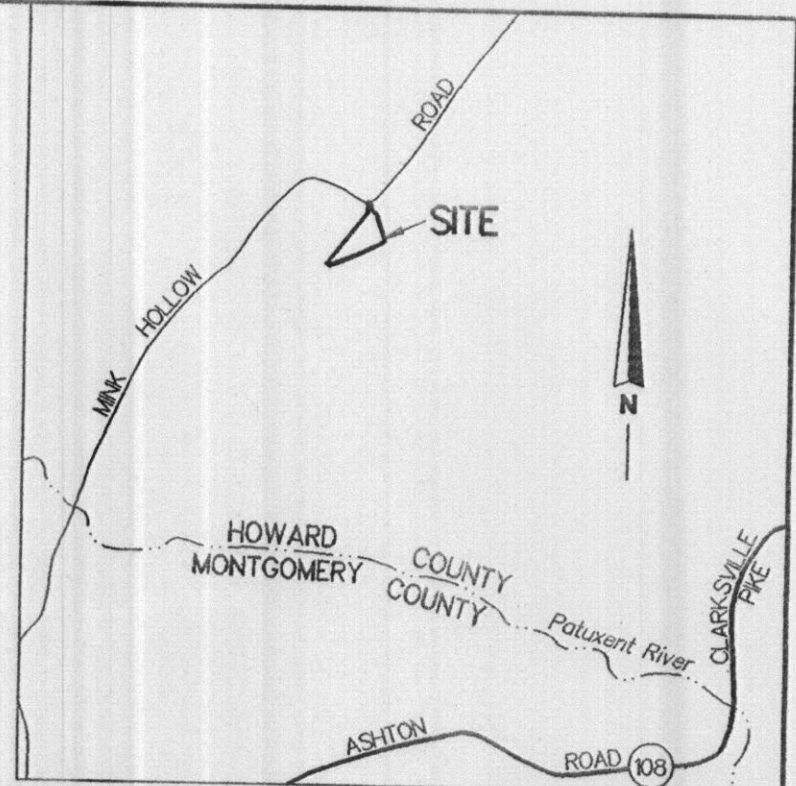
OWNER: GREG AND PAM WELDY  
 301-490-3438

BUILDER: DAVID A. SWANN  
 14751 ADDISON WAY  
 WOODBINE, MARYLAND 21797  
 410-442-5937

N/F  
 JOHN T. &  
 BETTY L NELSON  
 361/27



**NOTE**  
 FOR LOCATION OF UTILITIES  
 CALL "MISS UTILITY"  
 24 HOURS A DAY  
 1-800-257-7777 48 HOURS  
 IN ADVANCE OF ANY WORK  
 IN THIS VICINITY.



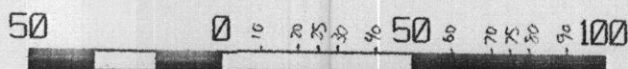
**VICINITY MAP**  
 SCALE: 1"=2000'  
 HOWARD COUNTY, MARYLAND

**NOTES**

1. LOT RECORDED IN PLAT No. 9378 TITLED "HUGHES PROPERTY LOTS 1 & 2".
2. ZONE R
3. EXISTING CONDITIONS AND TOPOGRAPHY ARE BASED ON A FIELD RUN SURVEY BY CIVIL DESIGN SYSTEMS DURING MARCH 2001.
4. VERTICAL DATUM IS ASSUMED.
5. TAX ACCOUNT ID # 05-412994

*ASW*  
 11/15/02  
 800139310

N 58°00'41" W  
 28.88'



SCALE: 1"=50'

PROJECT: TAX MAP 40 GRID 8 PARCEL 328 LOT 1  
 HUGHES PROPERTY (PLAT 9378)  
**WELDY RESIDENCE**  
 MINK HOLLOW ROAD  
 HIGHLAND, MARYLAND 20777  
 TITLE: **SITE PLAN**

DATE: 05/02/2001  
 JOB: PGW01001  
 DWG: 011017  
 SCALE: 1"=50'

**CDS** (301) 921-9109  
 CIVIL DESIGN SYSTEMS  
 CIVIL ENGINEERING & LAND SURVEYING  
 19645 MUNCASTER ROAD  
 ROCKVILLE, MARYLAND 20855

SHEET:

**C-1**

PAGE:  
 1 OF 1

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### SEPTIC DESIGN DATA

AVERAGE PERCOLATION TIME = 5 MIN.  
 TRENCH WIDTH = 3'  
 INLET DEPTH = 3'  
 MAXIMUM BOTTOM DEPTH = 7'  
 SQ.FT./BEDROOM = 180  
 4 BEDROOMS = 720 L.F. OF TRENCH  
 INVERT BEGIN FIELD = 99.0  
 INVERT AT DIST BOX = 99.1  
 INVERT OUT OF SEPTIC TANK = 102.5  
 INVERT IN TO SEPTIC TANK = 102.8  
 INVERT OUT OF HOUSE = 103.7  
 LENGTH OF INITIAL SYSTEM = 90' Provided  
 USE TWO (2) TRENCHES OF LENGTH 45'

GRADE ABOVE SEPTIC TANK = 105.4  
 SIZE OF SEPTIC TANK = 1,250 GAL.

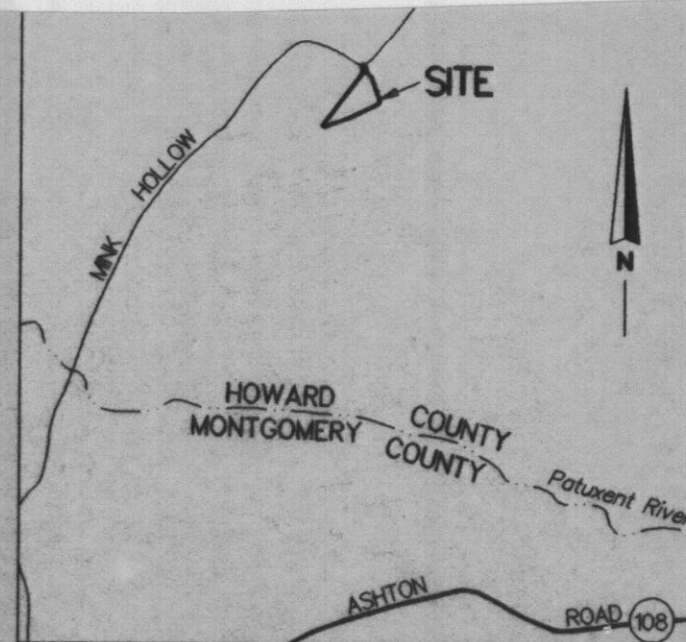
PERCOLATION TEST RESULTS "A 44428"  
 CONDUCTED ON MAY 26, 1989.

N/F  
 JOHN T. &  
 BETTY L. NELSON  
 361/27

LOT 1  
 3.2700 AC.

Total linear feet of trench required 180 feet  
 Width of trench (es) 2.0 feet  
 Depth of trench (es) 7.0 feet  
 Depth of stone required below distribution pipe 4.0 feet

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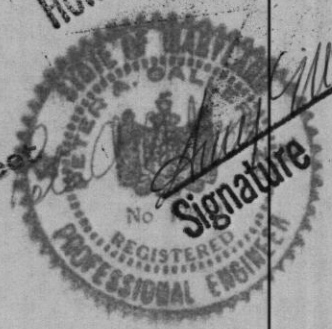
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5. TAX ACCOUNT ID # 05-412994

1:50

Approved Septic System Plan  
 Howard County Health Department



Signature: *Peter A. Gallerizzo*  
 Date: 6/14/01

PROJECT: TAX MAP 40 GRID 8 PARCEL 328 LOT 1 HUGHES PROPERTY (PLAT 9378) WELDY RESIDENCE 791 MINK HOLLOW ROAD HIGHLAND, MARYLAND 20777	DATE: 05/16/2001 JOB: PGW01001 DWG:	<b>CDS</b> CIVIL DESIGN SYSTEMS CIVIL ENGINEERING & LAND SURVEYING (301) 921-9109	SHEET: <b>C-</b>
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N 58°00'41" W  
28.88'

S 68°53'14" W 280.75'

S 65°47'04" E  
27.00'

A = 6.55'  
R = 165.00'

RCF

DUE NORTH 101.79'

S 12°30'00" E 85.00'

S 67°19'19" E  
51.98'

S 10°13'23" E  
44.04'

N 37°57'20" E 678.63'

N 57°57'20" E 678.63'

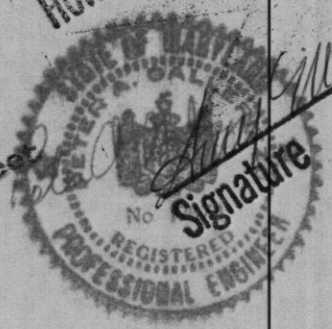
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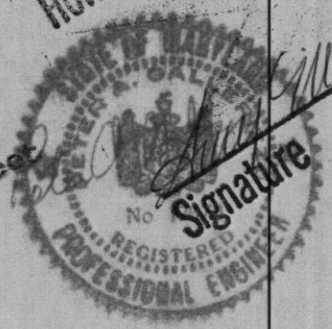
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