

APPLICATION

PERCOLATION TESTING

A 39918

P _____

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

9-4-87 Percs ok
pending plat approval JEN.

DISTRICT 5TH

DATE 8-19-87

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 Alfred Bassler (D. CHIEN)

ADDRESS 4994 Shepherd Lane PHONE 531-2193

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Twelve Hills Sec III LOT NO. 26 85

ROAD AND DESCRIPTION Linden Church Rd
(13070 TWELVE HILLS ROAD)

TAX MAP 28 PARCEL # 49

SIZE OF LOT 3 acres TYPE BLDG. SFD - 5BAMS
(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. Keind
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-4-87 for perc hole location and subdivision plat approval. JEN

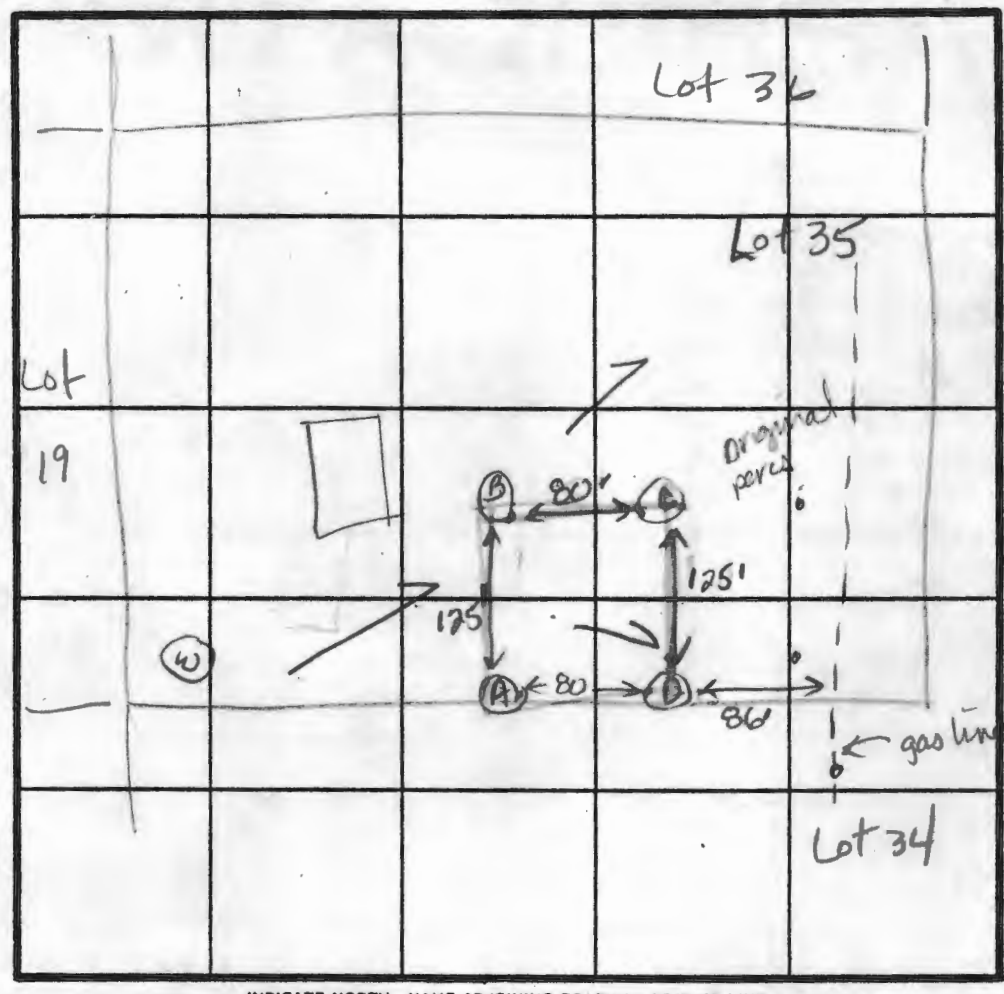
THIS IS NOT A PERMIT

Highest A
B
C
D
Low

(A)

SOIL PROFILE

0-5.0 Brown-gray micaceous sa sl m
5.0-12.5 Brown micaceous sa sl, trc decomposed saprolite
12.5 Bottom



0-4.0 Br sa sl
1m, trc
grt, < 5%
4.0-11.5 Br sa sl
loam,
trc decom
rock i
saprolite
< 20%
11.5 Bottom

Use this pattern for septic area
4-25-89
JEN

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0-3.0 Tan sa sl m
3.0-13.5 Brown to white sandy silt, trace of broken rock pieces < 10%
13.5 Bottom

(C)

0-4.0 Brown sa cl sl m
4.0-13.0 Br sa sl loam, trc mica
13.0 Bottom

EH-12-1079

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9-4-87	A	3.5 S	1:18	1:20	1:20	1:22	2
		7.5 M	1:17	1:20	1:20	1:24	4
		12.5 D	Bottom (see profile)				
	D	3.0 S	1:26	1:28	1:28	1:30	2
		13.5 D	Bottom (see profile)				
	C	4.0 S	1:32	1:34	1:34	1:36	2
		13.0 D	Bottom (see profile)				
	B	11.5 V	(see profile)				

REMARKS Holes moved uphill from gas line. Maintain 60ft min from pipe.

TYPE OF SOIL 0-4' Br sa sl m, 4'-13' Br mica sa sl m, trc rock < 20%

TESTED BY J.E. Nadeau ALSO PRESENT Olen K, Mark R

APPLICATION

PERCOLATION TESTING

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

9-4-87 Percs ok
pending plat approval JEN

A 39919

P _____

DISTRICT 5TH

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ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Alfred Bassler

ADDRESS 4994 Shepherd Lane PHONE 531-2193

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE Lot-30 Final

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SUBDIVISION Twelve Hills Sec III LOT NO. 27 34

ROAD AND DESCRIPTION Linden Church Rd

TAX MAP 28 PARCEL # 49

SIZE OF LOT 3 acres TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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Mal D. Rein

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-4-87 for perc hole location and subdivision plat approval. very limited house and well site. JEN

THIS IS NOT A PERMIT

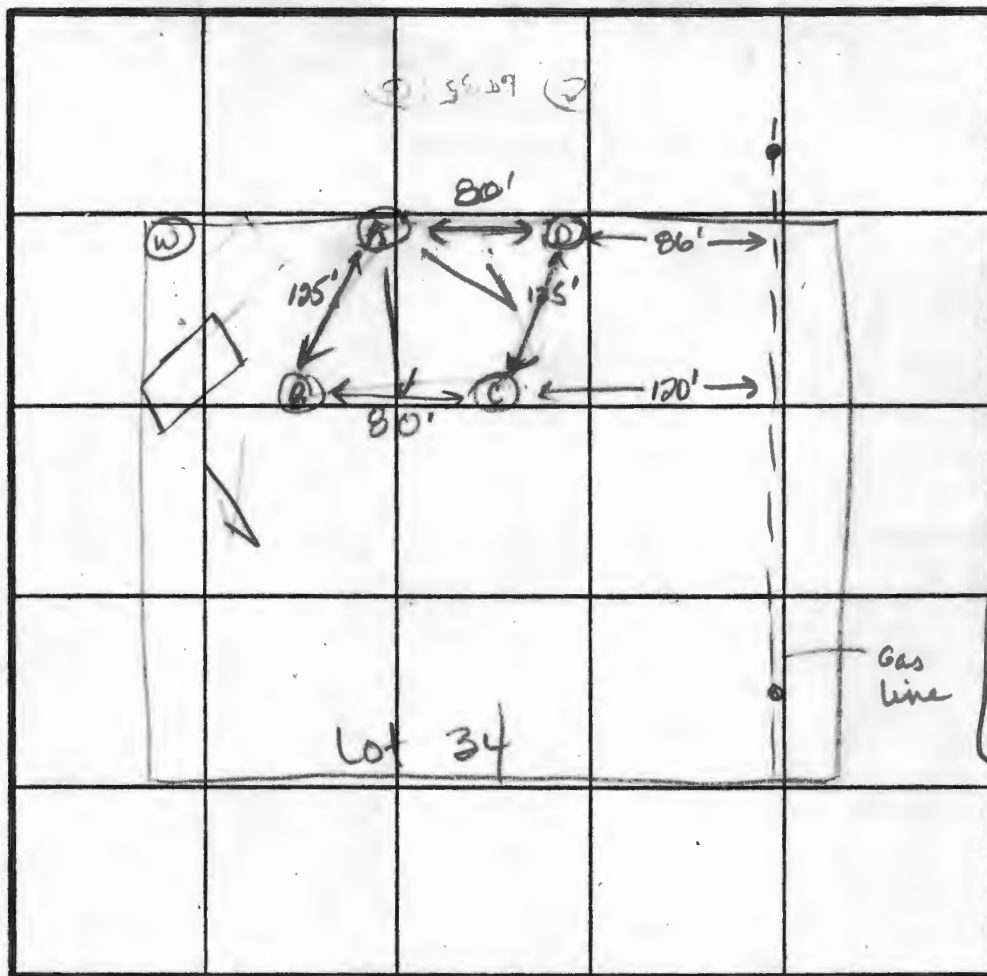
Highest A
 Lowest B

A 39919

For A & D see
 Lot 35

SOIL PROFILE

0-12.0 Brown micaceous sandy silty loam, trace of broken rock < 5%
 12.0 Bottom



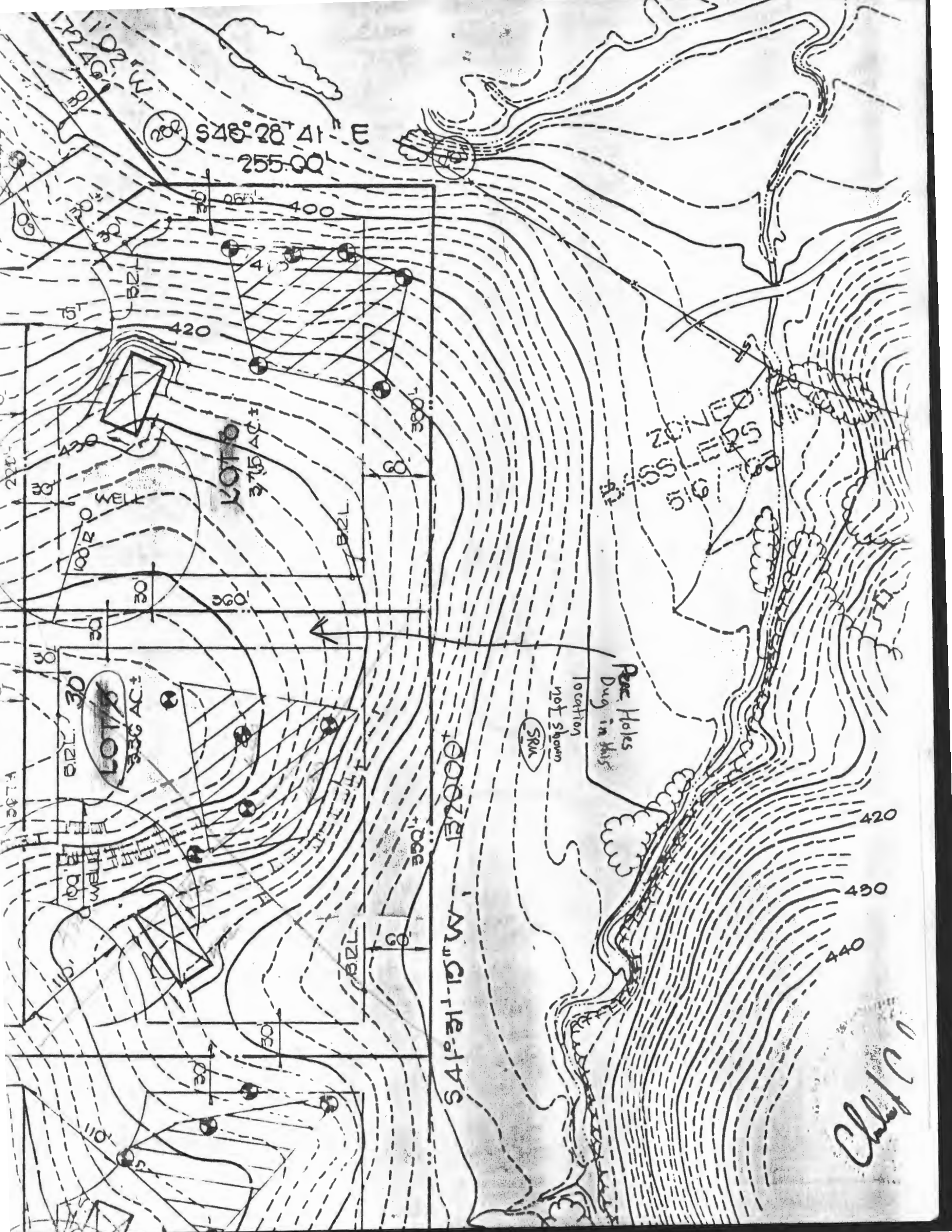
X Perc 3 min
 160 #/BR
 INLET 3 -
 BOTTOM 7'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

0-3.5 Brown sa sil m
 3.5-12.0 Brown micaceous sa sil loam, little decomposed rock frags < 20%
 12.0 Bottom

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9-4-87	C	2.5' S	1:52	1:54	1:54	1:56	2	
		12.0 D	Bottom (see profile)					
	B	12.0 V	(see profile)					ok

REMARKS: Limited house and well site. Holes moved uphill away from gasline Mountain 60ft min. from pipeline.
 TYPE OF SOIL: 0'-5' Br sa sil m, 5'-13' Br mica sa sil m, trc broken rock
 TESTED BY: J.E. Nadeau ALSO PRESENT: Olen Ky, Mark R



S 48° 28' 41" E
255.00

LOT 10
3.75 AC ±

LOT 11
3.36 AC ±

ST. 10
ST. 9
ST. 8

Pace Holes
Dug in this
location
not shown

SRM

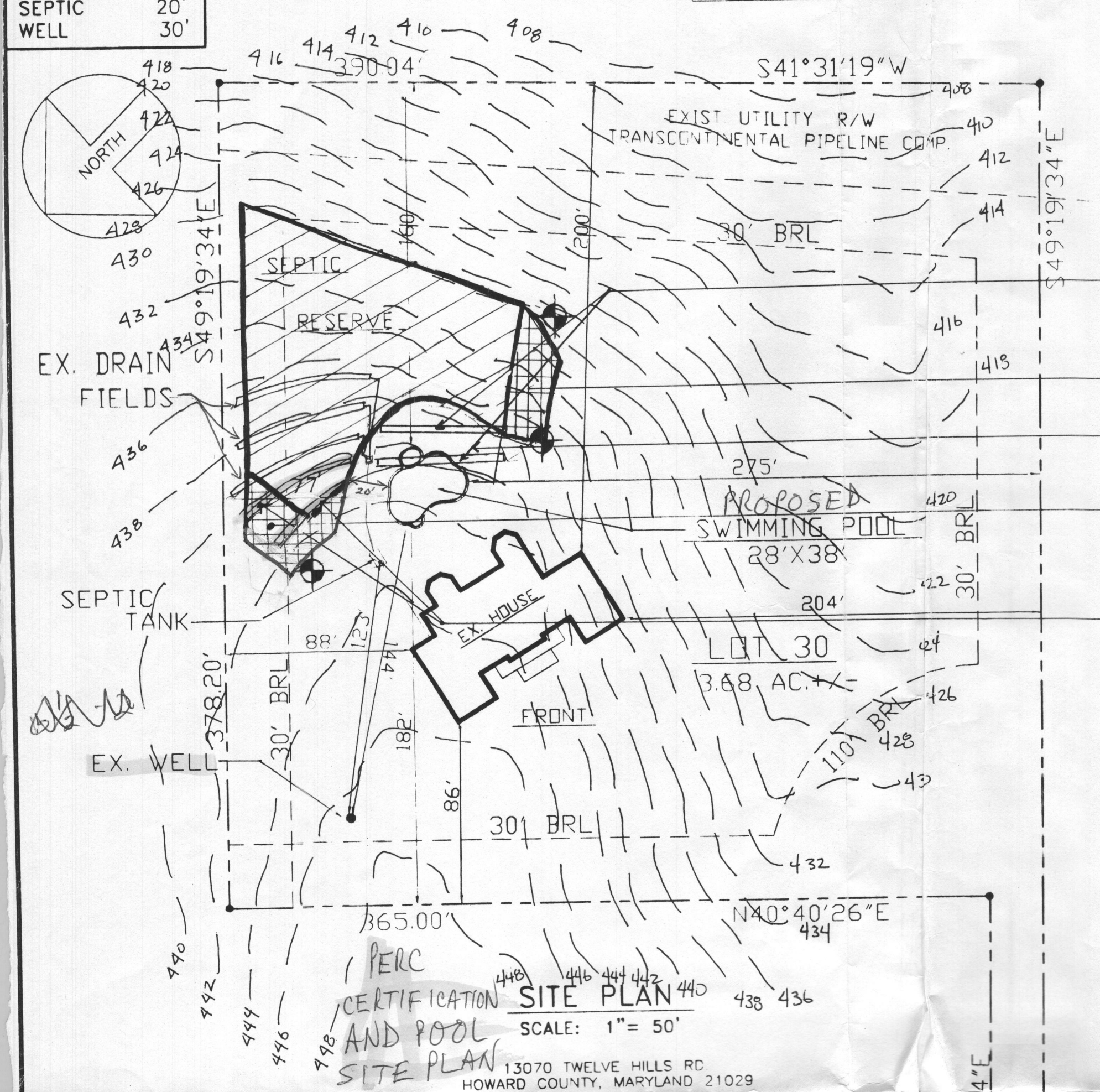
S 41° 11' 12" W 1320.00

Chapman

SETBACKS:	
REAR PL.	10'
SIDE PL.	10'
HOUSE	0
SEPTIC	20'
WELL	30'

PRIVATE WELL & SEPTIC

NOTE: A VACUUM BREAKER WILL BE INSTALLED ON JOB AS PER CODE.



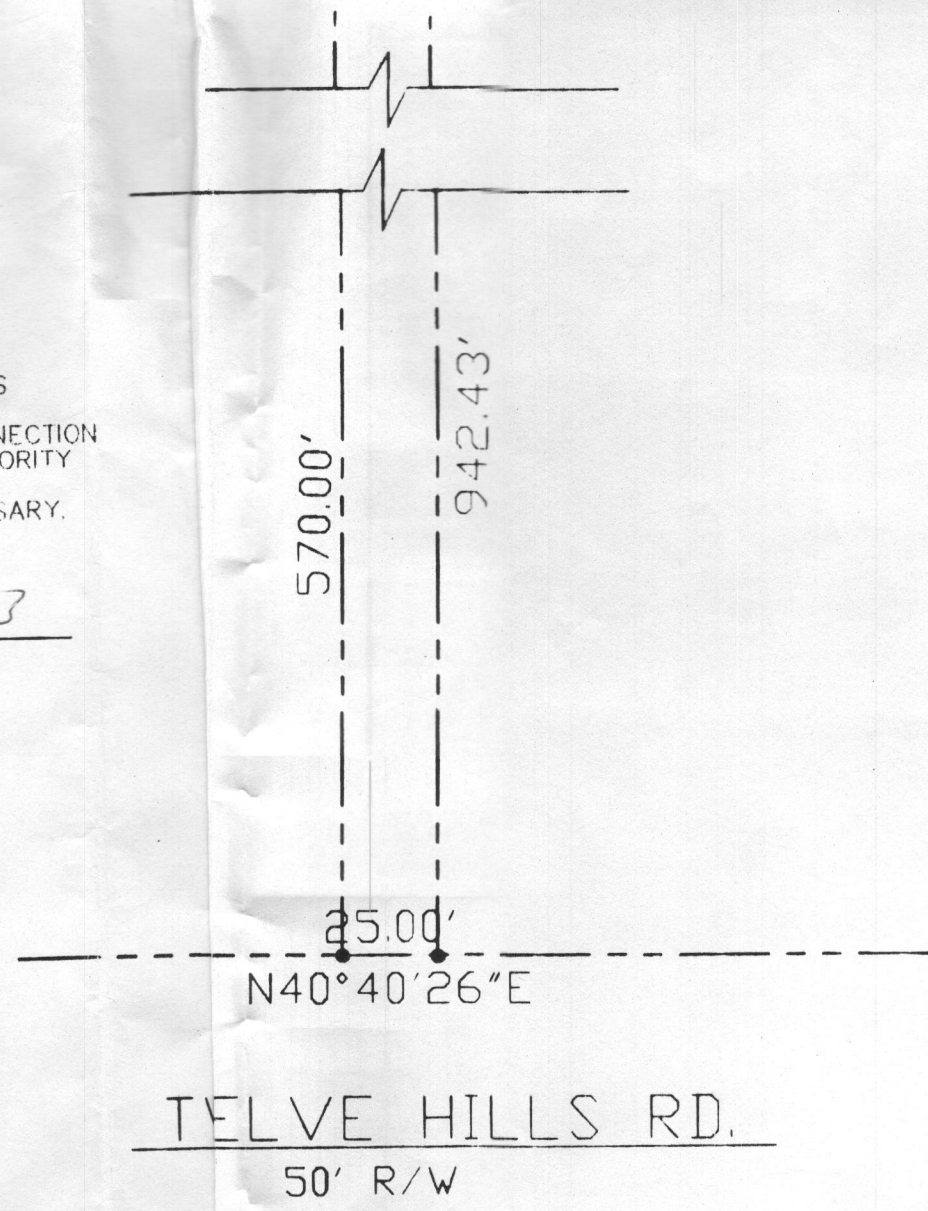
Existing Traches to be removed
 1000 # added
 2050 # abandoned
 1065 # added
 Replacement traches to be added

PERC CERTIFICATION AND POOL SITE PLAN
 SCALE: 1" = 50'
 13070 TWELVE HILLS RD.
 HOWARD COUNTY, MARYLAND 21029

TWELVE HILLS
 LOT 30, LOT SIZE-- 3.68 AC. +/-
 ZONED RRDEO, PLAT #8547,
 5TH ELECTION DIST.
 MAP 28, GRID 10, PARCEL 381.
 TAX ACCOUNT #05-410673

THIS AREA DESIGNATES A MINIMUM 10,000 SQ. FT. PRIVATE SEWAGE EASEMENT REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BE NULL AND VOID UPON CONNECTION TO A PUBLIC SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDED OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

[Signature]
 Howard County Health Officer
 Approved for Private Water + Private Sewer
 4/30/03
 Date



- GENERAL NOTES**
- 0 FT. OF ELECTRIC IN CONTRACT.
 - POOL AREA TO BE FENCED BY OWNER. GATES TO BE SELF CLOSING & LATCHING PER COUNTY CODES.
 - STEPS TO HAVE 12" +/- TREADS & 4 EQUAL RISES. TOP TREAD TO 18".
 - DO NOT TURN POOL LIGHTS ON WHEN POOL IS EMPTY.
 - DO NOT USE BLACK RUBBER HOSE WHEN FILLING POOL. IT WILL MARK PLASTER & COPING.
 - WET DOWN CONCRETE SHELL AT LEAST TWICE DAILY FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

- SPECIAL NOTES**
- EXCAVATION CREW
 - PLUMBING CREW
 - STEEL CREW
 - CONCRETE CREW
 - COPING & TILE
 - DECK CREW
 - PLASTER CREW

- EQUIPMENT LIST**
- DIRT: ON SITE
 - TILE: T.F.D.
 - COPING: WHITE SUIT SAVER
 - STEPS: INCL. TREADS STYLE AS DRAWN
 - PLASTER: WHITE MARBLE
 - FILTER: PUREX CART 420 W/2 H.P. PUMP CLEAN & CLEAR
 - SAFETY EQ: INCLUDED
 - CLEANING EQ: INCLUDED
 - VACUUM EQ: INCLUDED
 - DIVING EQ: 15' LON.
 - LADDERS: NONE
 - GRABRAILS: NONE
 - LIGHTS: 120 V. SAMS
WATTS: 300 VOLTS: 120
 - HEATER: NAT. GAS, (MO) 100
 - LOVESEAT: 12" WIDE, INSIDE, 1.6' LONG, OUTSIDE
 - DECKING: NONE
 - POOL COVER- WINTER: NONE
SOLAR: NONE
AUTO: NONE
 - FENCE: BY OWNER
 - OTHER ITEMS: 100# CHEMICAL ALLOWANCE INCL.
10' LONG AQUA BLEACH INCL.
MINERAL BLENDS PURIFICATION SYSTEM INCL.
PCC-2000 C/FILING SYSTEM INCL.
JANITARY REMOTE INCL. FS-5
1.1.30.100.100 FACED RAISED BOND INCL.

HOURS GRADING IN CONTRACT: ONE

POOL DATA

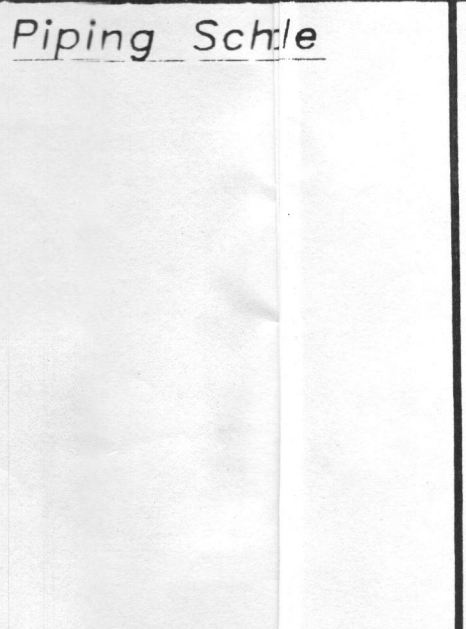
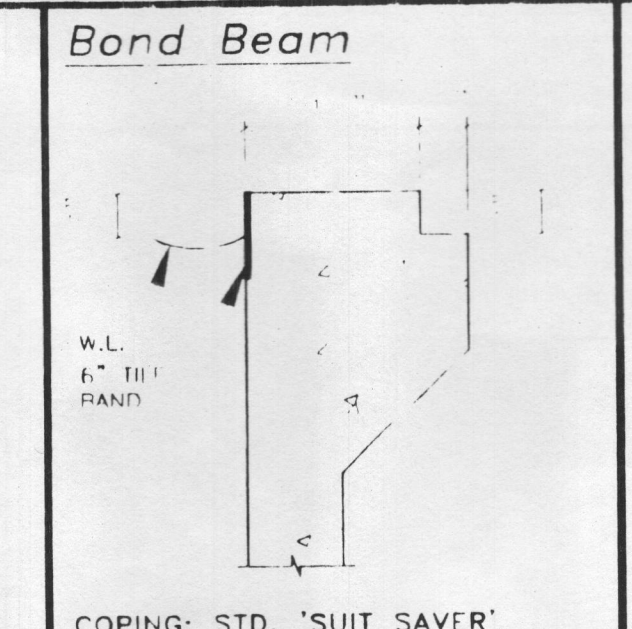
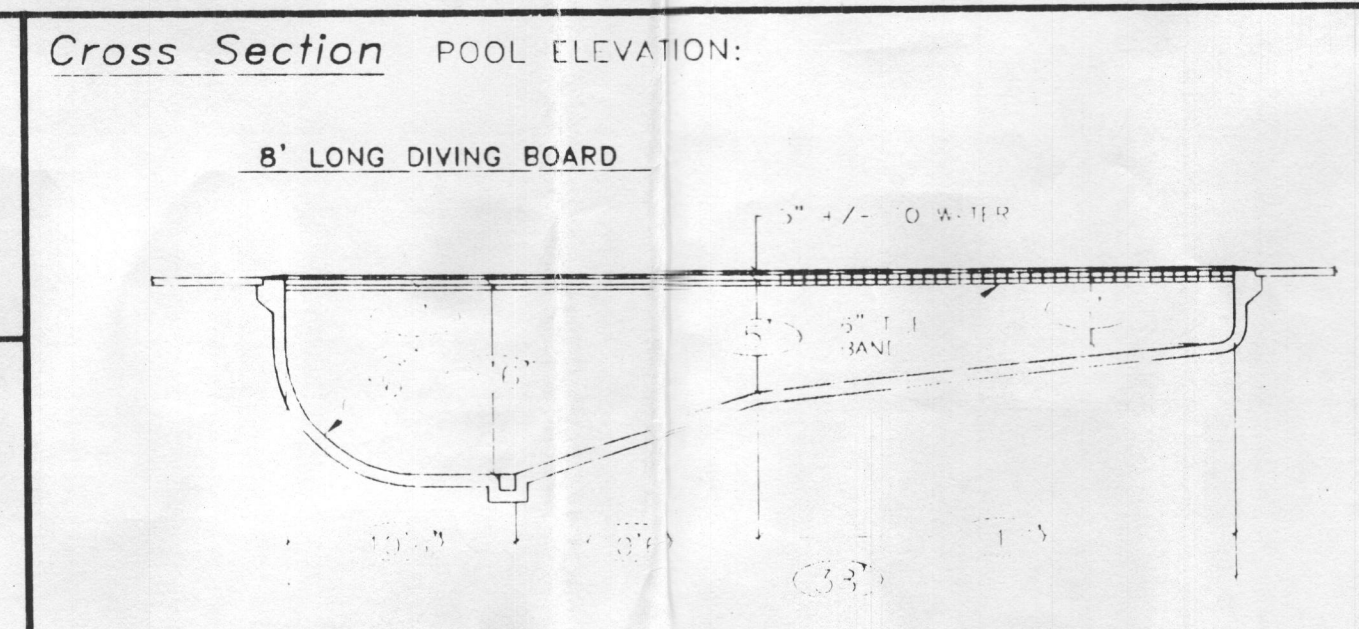
SIZE: 28' x 38' SHAPE: CUSTOM
 AREA- POOL: 740 + SPA, SEAT OTHER: SPA 50
 TOTAL Sq.Ft.: 802 L.SEAT 12
 PERIMETER-- POOL: 118 OTHER: SPA 26
 GALLONAGE: 10,125

Both Customer and Salesman agree that this drawing, access, elevation & location of all equipment and appurtenances are in agreement. Any changes from this drawing must be approved in writing by the Customer and MPI.

CHECKED BY - SALESMAN _____
 CHECKED BY - CUSTOMER _____

DIRECTIONS: RTE. 32 WEST NT. TO RIGHT TURN ONTO EAST LINDEN CHURCH RD., FOLLOW TO RIGHT STOP SIGN, CONT. TO LEFT TURN ONTO TWELVE HILLS RD., CONTO SITE ON RIGHT AT 13070 TWELVE HILLS RD.

MAP BOOK:
 Co.: HOWARD
 MAP: 14
 GRID: A-3



Revisions

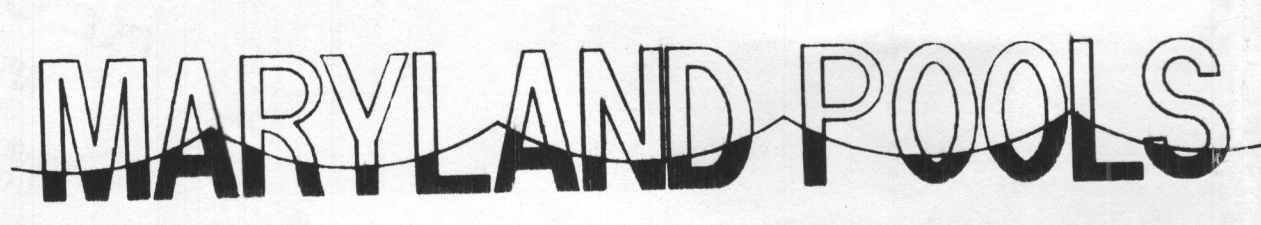
POOL RELOC.
 1/8/03
 SEPTIC REV.
 1/17/03

NAME: DEER & SHAN K. CHIEN

ADDRESS: 13070 TWELVE HILLS RD.
 CITY: CLARKSBURG, MARYLAND 21029
 COUNTY: HOWARD ZONE: 1
 TELEPHONE - HOME: 443-335-8747
 CELL: 443-770-0452

SCALE: 1/8" = 1'-0"
 DATE: FEB 25, 2003

DRAWN BY: D.J.T.
 JOB NO: JC02-6884



9515 GERWIG LANE - SUITE 119
 COLUMBIA, MARYLAND 21046
 410-995-6600 BALTIMORE
 301-621-3319 WASHINGTON