

2/1/94  
2/7/96 12/100

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318699

#### HOWARD COUNTY HEALTH DEPARTMENT

##### BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

P 56420A

A 47211

DISTRICT 3rd

DATE 4/26/96

DATE SYSTEM APPROVED 2-7-96

INSPECTOR EF

INDEXED

Olen Ketterman

IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION West Friendship Estates LOT 12 ROAD 3181 River Valley Chase

PROPERTY OWNER Selfridge Builders, Inc.

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

\*1,500 gallon tank recommended\*.

\*Contractor is to call for inspection after tank is set, but prior to trench excavation to verify that a gravity flow septic system is feasible as specified.

OK TO PROCEED ONCE CONTRACTOR  
VERIFIES LOCATION IS AS SPECIFIED (CW)

TRENCHES - Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 120 feet from the left rear lot corner and 15 feet off the left lot line as seen from River Valley Chase. Run trenches on contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 12/12/95 DKS

**BUILDING PERMIT SIGNED**

**AND RETURNED 575-02**

PLANS APPROVED BY Glen Savage 800 1361 69 DATE 11/15/95

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

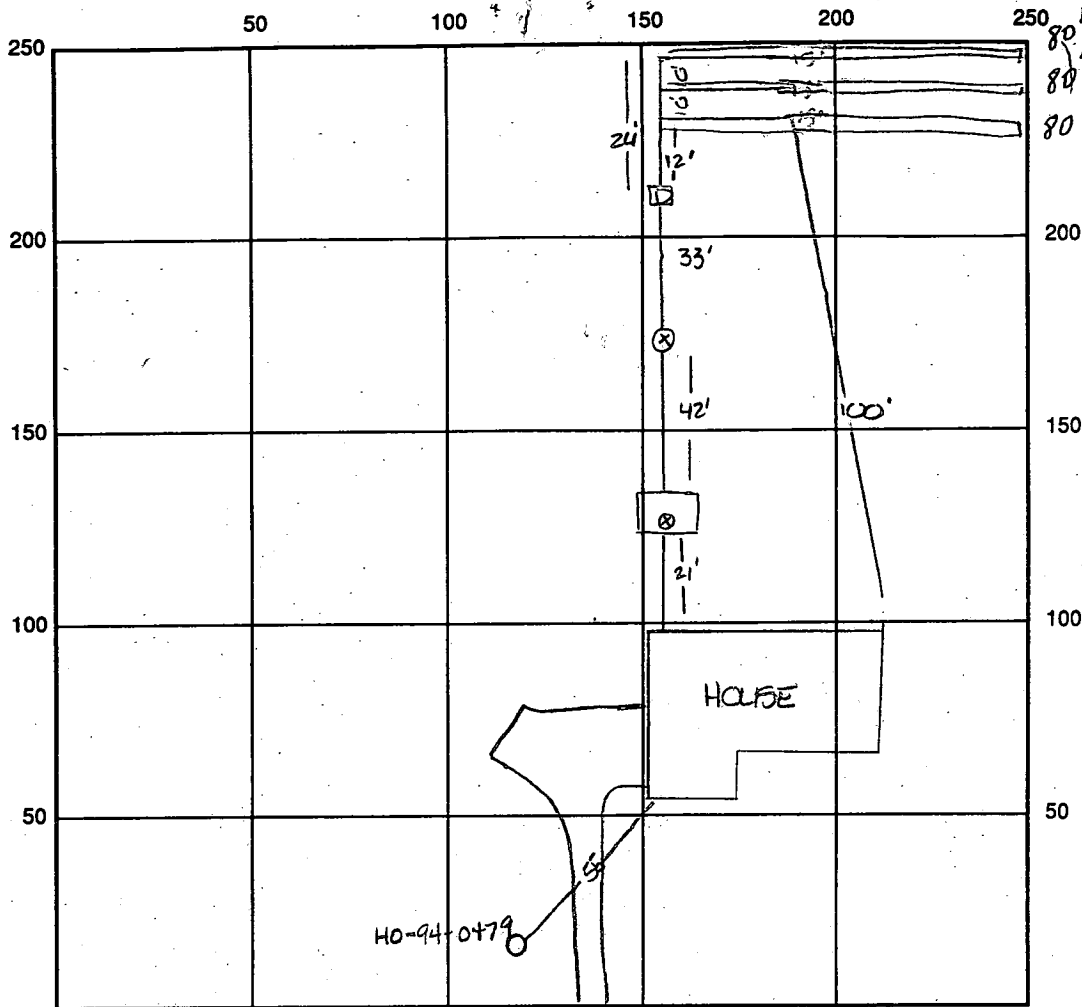
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL YES CLEANOUTS (2) NOTED

DISTRIBUTION BOX LEVEL YES / LID ON BAPPLE NOT SEEN

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 3 FT. **BUILDING PERMIT SIGNED AND RETURNED**

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 240 FT. (3 x 80)

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 120 SQ. FT.

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

ABSORBENT AREA ✓ SQ. FT.

REMARKS: OK TO COVER OUTLET FROM HOUSE TO DISTRIBUTION BOX.

EXTEND TRENCHES; WAIT FOR INSPECTION TO COMPLETE WORK. 2/1/96 KS  
CONTRACTOR WILL REQUEST INSPECTION TRENCHES AND COMPLETE. 2/2/96 (CL)  
2-7-96 OK TO COVER ALL WORK. CONTRACTOR UNABLE TO BACKFILL, GROUND  
FROZEN.

DATE SYSTEM APPROVED 2-7-96 INSPECTOR [Signature]

# APPLICATION

PERCOLATION TESTING

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

A 47211  
P \_\_\_\_\_  
DISTRICT \_\_\_\_\_  
DATE 6/13/91

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 PERCONTEE, INC.  
ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291  
PROSPECTIVE BUYER N/A  
ADDRESS \_\_\_\_\_ PHONE 37 107

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES Section IV LOT NO \_\_\_\_\_  
ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42  
SIZE OF LOT 3.00 AC. +/- 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.

APPROVED BY John C. Reuser FOR PERCONTEE, INC. DATE \_\_\_\_\_  
(SIGNATURE OF APPLICANT)  
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## THIS IS NOT A PERMIT

LOT 3  
LOT 107  
A 47 FILL

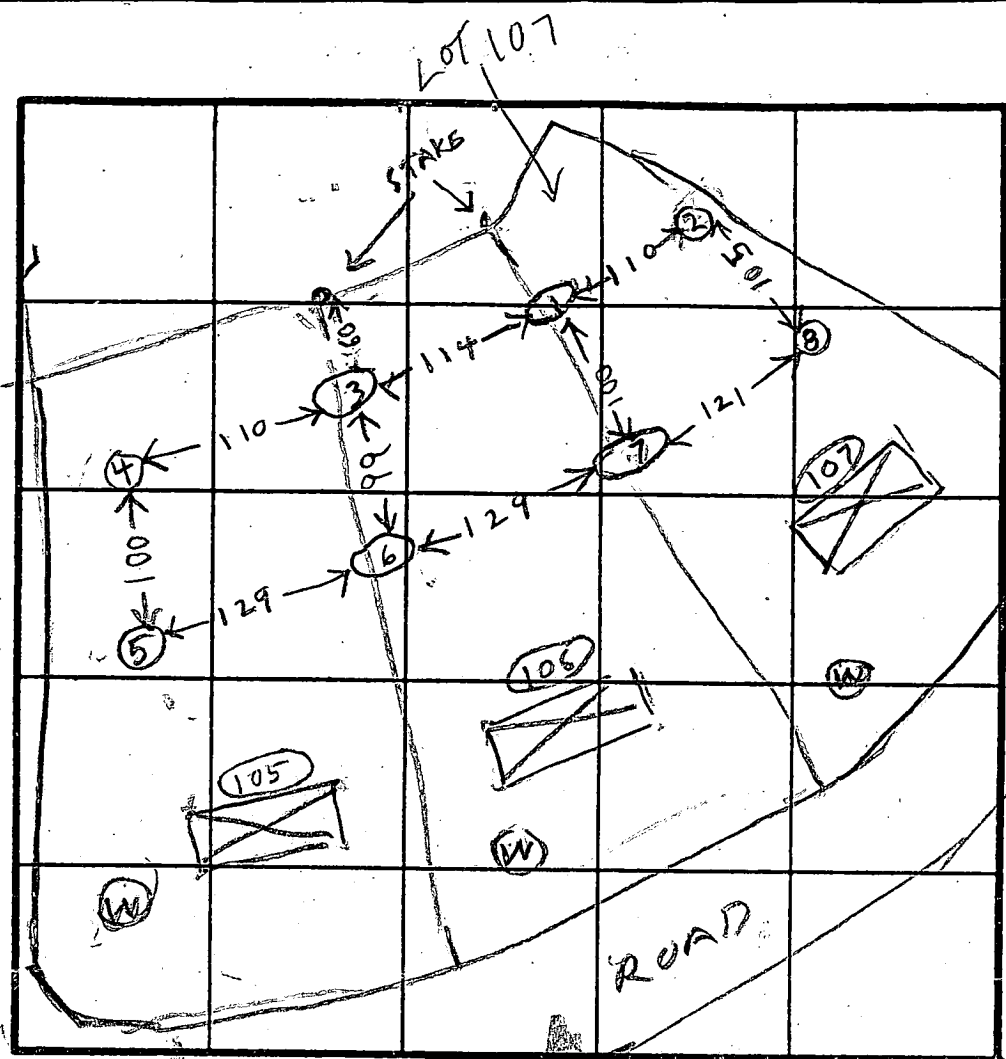
ON LINE  
SOIL PROFILE

BROWN CLAY  
4  
BROWN SAND-SILT LOAM  
10 1/2

2  
BROWN CLAY  
3  
BROWN SAND-SILT LOAM

ON LINE  
3  
BROWN CLAY  
3  
BROWN SAND-SILT LOAM  
10 1/2 HARD

4  
BROWN CLAY  
BROWN SAND-SILT LOAM



INDICATE NORTH - NAME ADJOINING-ROADWAY AS BASE LINE.

5  
BROWN CLAY  
BROWN SAND-SILT LOAM

ON LINE  
6  
CLAY  
SAND-SILT LOAM

ON LINE  
7  
BROWN CLAY  
BROWN SAND-SILT LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/24/71	15 1V	5 10 1/2	1052 OK	1055	1055	1102	7
7/22/71	24 2V	4 12	1100 OK	1104	1104	1108	4
	35 3V	4 10.5	1111 OK	1112	1112	1113	1
	45 4V	5 11.5	1122 OK	1123	1123	1124	1
	5V	1.2	OK				
	6S 6D	4 7.5	1204 1203	1206 1205	1206 1205	1209 1207	3 1207
	6V	11.2	OK				
	7S 7D	7.5 7.5	1211 1217	1218 1224	1218 1224	1221 1229	3 5
	7V	12	OK				
	8V	11 1/2	OK				

ON LINE  
LOT 106  
LOT 107  
LOT 108  
LOT 105  
ON LINE  
LOTS 105 & 106  
ON LINE  
LOT 7

REMARKS: Hole 4(5) dug Per Survey or State Other Holes  
TYPE OF SOIL: Differently  
TESTED BY: RAY HODGES  
ALSO PRESENT: JOHN REUMER, O'KEEFE, MANN

8  
BROWN CLAY  
BROWN SAND-SILT LOAM

# APPLICATION

PERCOLATION TESTING

A. 47187

P. \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 6/12/91

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 PERCONTEE, INC.

ADDRESS 11900 TECH RD. SILVER SPRING, MD. JOHN REUWER  
20904 PHONE 240-2100 X 291

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION IVORY HILL PROPERTY LOT NO. (?) LOT 13 (MAYBE)

ROAD AND DESCRIPTION IVORY ROAD & RT. 32, (WEST OF RT. 32)

TAX MAP 15 PARCEL # 42

SIZE OF LOT (?) 3.00 AC +/- 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 \_\_\_\_\_

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

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

REASONS FOR REJECTION OR HOLDING HOLD

{ Perced on 4/23/91 - Hold til @ paid fees & other lots checked with = house site, well site, & septic areas. c.B.

## THIS IS NOT A PERMIT

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

See next page  
on page

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_



# APPLICATION

PERCOLATION TESTING

A 47187

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 6/12/91

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 PERCONTEE, INC.

ADDRESS 11900 TECH RD, SILVER SPRING MD. 20904 PHONE JOHN REUWER 740-2100 X291

PROSPECTIVE BUYER N/A

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

PROPERTY LOCATION:

SUBDIVISION WEST FRIENDSHIP ESTATES II <sup>Action</sup> LOT NO 13-12

ROAD AND DESCRIPTION WEST IVORY RD. & RT 32, SOUTH OF RT. 70

TAX MAP 15 PARCEL # 42 **BLDG. PERMIT SIGNED AND RETURNED 11-15-95**

SIZE OF LOT 3.00 AC. +/- TYPE BLDG SFD - 4 BRMS (SINGLE FAMILY DWELLING OR COMMERCIAL) <sup>Serial # 624 55</sup>

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APPROVED BY John C. Reuer <sup>(SIGNATURE OF APPLICANT)</sup> FOR PERCONTEE, INC. DATE \_\_\_\_\_

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

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

REASONS FOR ~~REJECTION~~ OR HOLDING 4/23/91 Make sure 10'000' +/- septic sewage  
sewerage area is exists on this lot +/-  
house into and water well is also c.p.d.

## THIS IS NOT A PERMIT



LOT 13

A# 47187

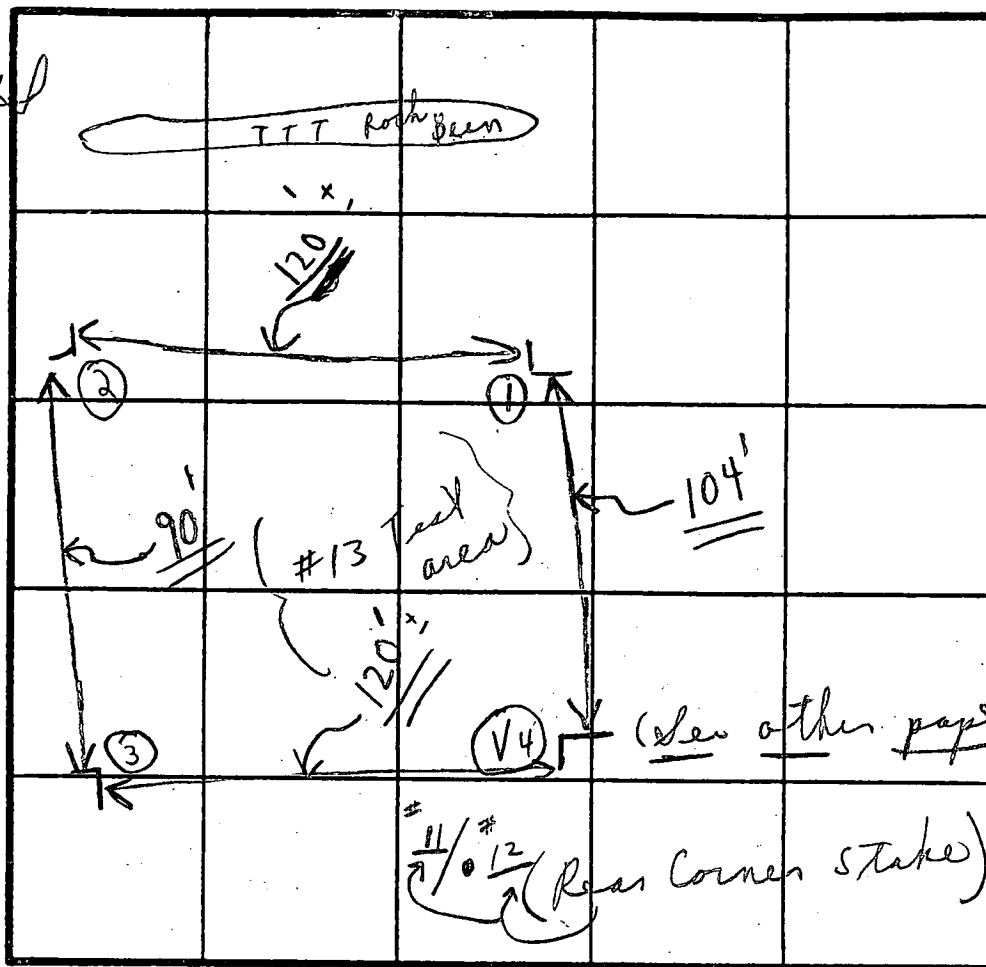
4/23/91 Re-sampled

HOLES

SOIL PROFILE

HOLE #	DEPTH	SOIL TYPE
#1	0' to 4 1/2'	clay
#3	0' to 5'	clay
#2	4 1/2' to 10'	LOAM
#4	5' to 10 1/2'	LOAM
	10' to 11 1/2'	Bottom
	10 1/2' to Bottom	Bottom

See above  
+ each hole  
@ test time



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/91	①	4 1/2'	1:02	1:06	1:06	1:12	6 min
		10'	Loam to 10'				Dry
	②	5'	1:08	1:11	1:11	1:16	5 min
		10 1/2'	(all loam + dry)				Dry
	③	4 1/2'	1:04	1:06	1:06	1:10	4 min
		11 1/2'					
	④	(See #12 Test Sheet)					(OK)

REMARKS Lot #13 "Hold for review + fee"

TYPE OF SOIL

TESTED BY C. B. D.

ALSO PRESENT

Robner at 10:00 A.M.  
(2) O. Ketterman  
(1) Digger-Helper

C1 2974	SEQUENCE NO. (MDE USE ONLY)	<b>STATE OF MARYLAND</b> <b>WELL COMPLETION REPORT</b> FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		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# 47211
ST/CO USE ONLY DATE Received 060595		DATE WELL COMPLETED 060195		PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0479	

OWNER	SELFIDGE JAMES BLDR.		
STREET OR RFD	RIVER VALLEY CHASE		
SUBDIVISION	W. FRIENDSHIP EST. 5/P.	SECTION	
		TOWN	W. FRIENDSHIP
		LOT	12

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 FROM TO	check if water bearing
SAND GRAY Mica Rock	0 27 27 285	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL (Circle one)	
CEMENT <input checked="" type="radio"/> CM	BENTONITE CLAY <input checked="" type="radio"/> BC
NO. OF BAGS 13	NO. OF BOUNDS 1222
GALLONS OF WATER 78	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0	ft. to 29
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below		
<input checked="" type="radio"/> ST	<input checked="" type="radio"/> CO	
STEEL	CONCRETE	
<input type="radio"/> PL	<input type="radio"/> OT	
PLASTIC	OTHER	
MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	32

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

SCREEN RECORD		
screen type or open hole insert appropriate code below		
<input checked="" type="radio"/> ST	<input checked="" type="radio"/> BR	<input checked="" type="radio"/> HO
STEEL	BRASS BRONZE	OPEN HOLE
<input type="radio"/> PL	<input type="radio"/> OT	<input type="radio"/> OTHER
PLASTIC	OTHER	

NUMBER OF UNSUCCESSFUL WELLS: 0	
WELL HYDROFRACTURED	
yes <input checked="" type="radio"/> Y	no <input checked="" type="radio"/> N

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 26.04.04 "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.

TYPE: MWD/MSD/MGD
DRILLERS LIC. NO. 24

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.
----------

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

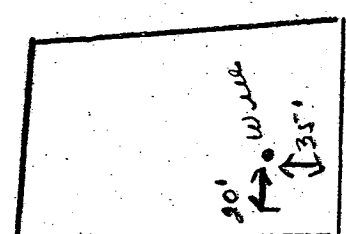
DEPTH (nearest ft.)	
1	2
8	9
11	15
17	21
23	24
26	30
32	36
38	39
41	45
47	51
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
56	60
from to	

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

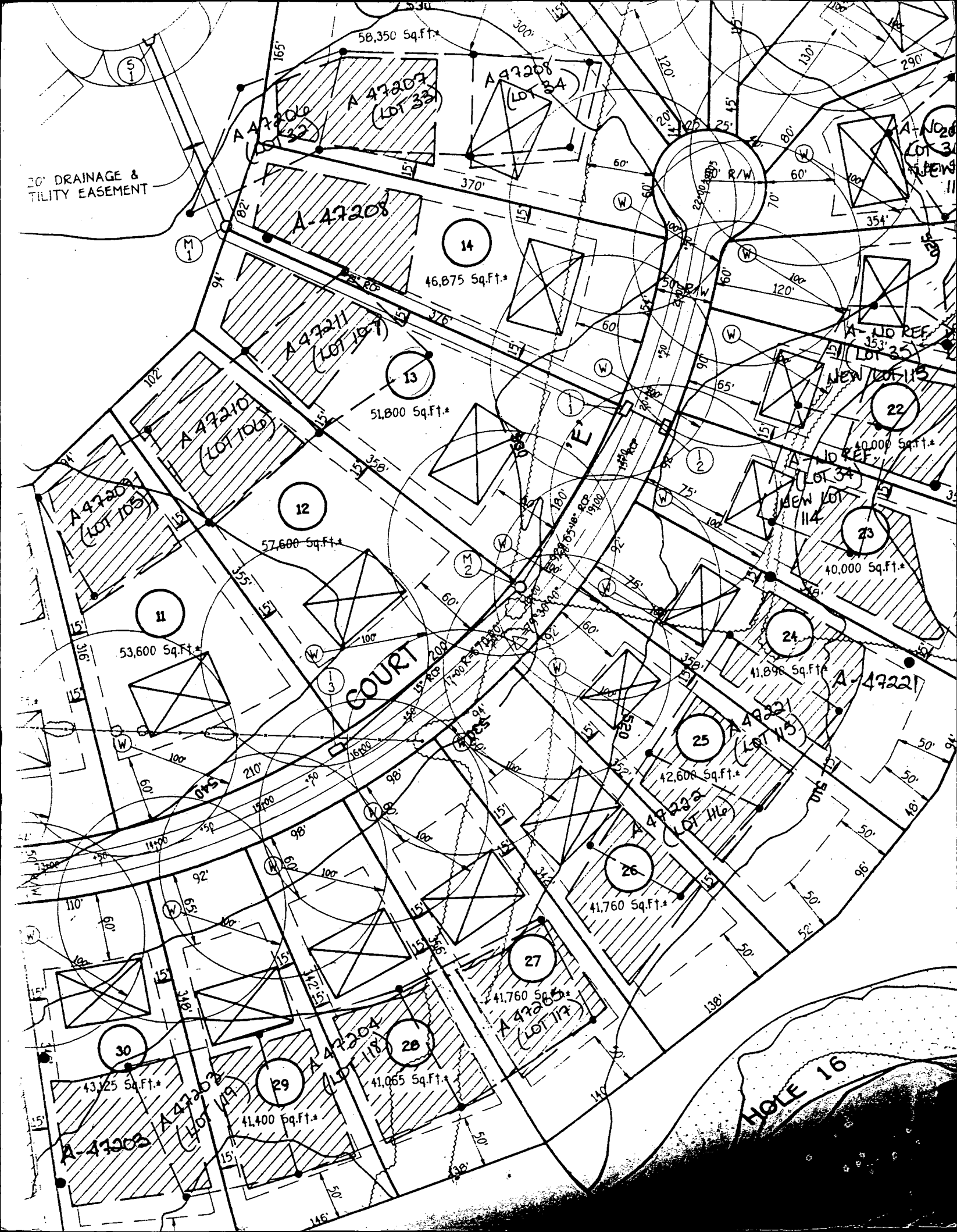
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.)	
70	72
TELESCOPE CASING	
LOG INDICATOR	
OTHER DATA	

PUMPING TEST		
HOURS PUMPED (nearest hour) 3		
PUMPING RATE (gal. per min.) 6		
METHOD USED TO MEASURE PUMPING RATE Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING	49 ft.	
WHEN PUMPING	212 ft.	
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 (CIRCLE) (YES or NO)	
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
LAND SURFACE (nearest foot)	

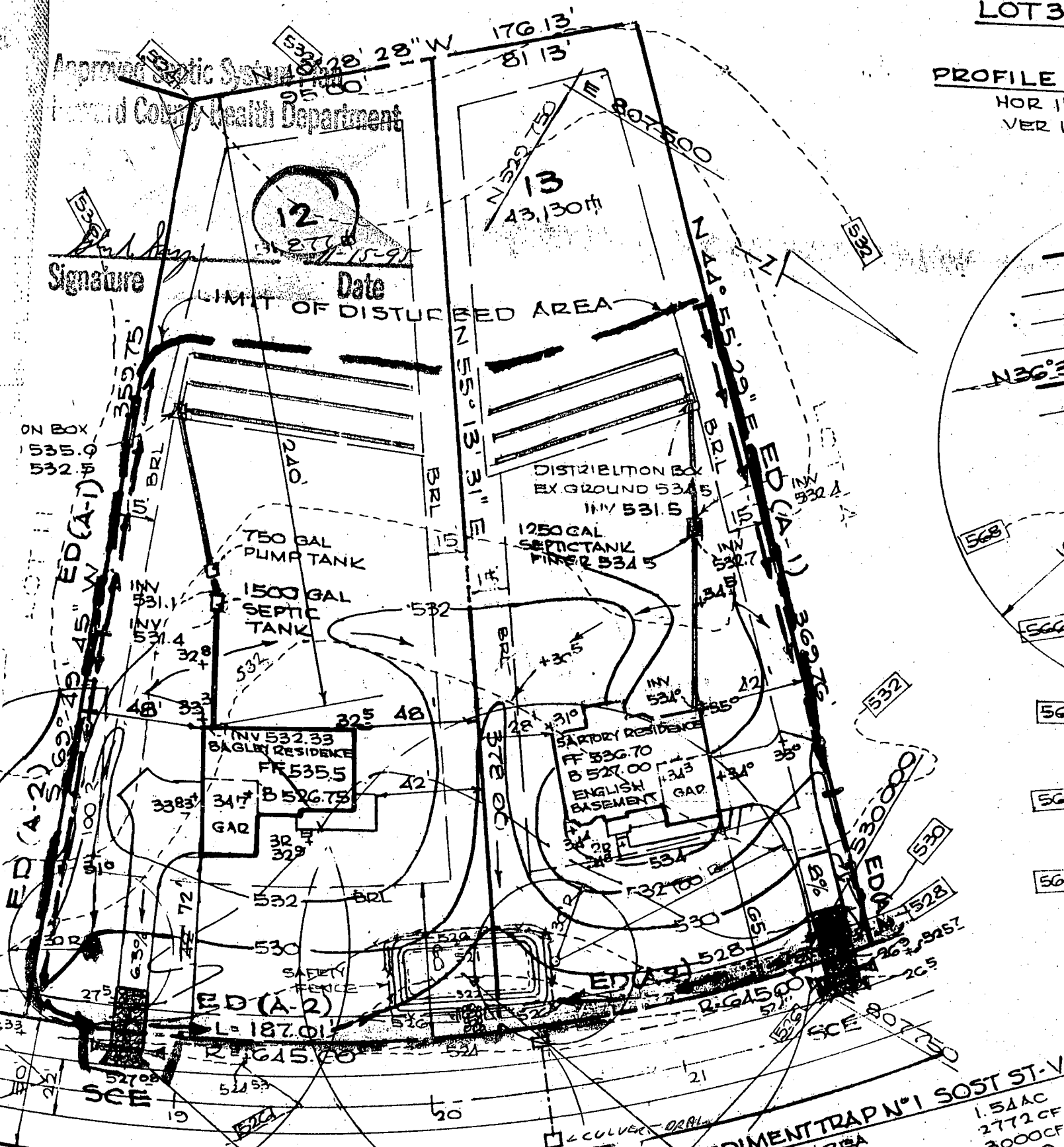
LOCATION OF WELL ON LOT	
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)	
	

20' DRAINAGE & TILITY EASEMENT



Approved Septic System  
Howard County Health Department

Signature \_\_\_\_\_  
Date \_\_\_\_\_



# RIVER VALLEY CHASE

PROVIDE HO. CO STD R2.06  
DRIVEWAY ENTRANCE  
11/14/95 DISCUSSION BY TIM JELERVOGE,  
SEDIMENT POND IS NOT BUILT  
AND NOT RELATED TO BUILDING  
PERMIT, PRIOR R2.06 CONSTRUCTION JULY

## DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

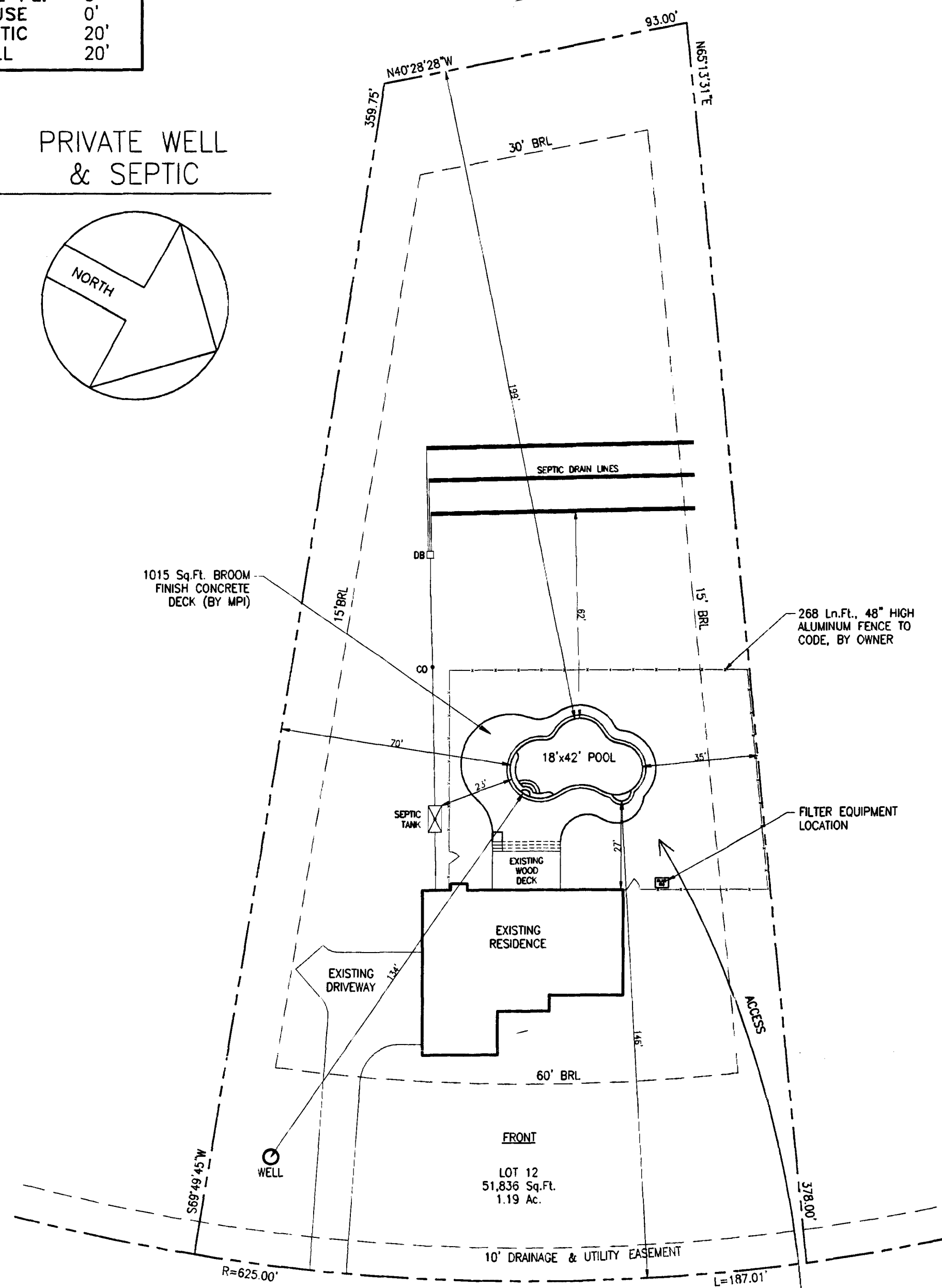
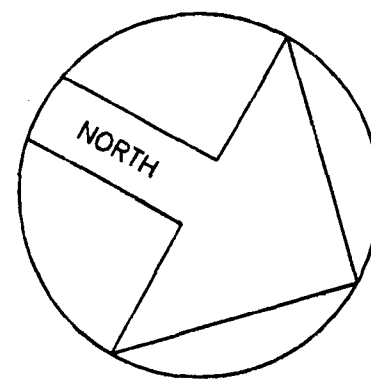
Tim Ragen  
TIM RAGEN

SEDIMENT TRAP N°1 SOST ST-V  
DRAINAGE AREA  
STORAGE REQUIRED  
STORAGE PROVIDED  
TOP OF STONE CREST  
CLEAN OUT ELEV.  
BOTTOM ELEV.  
STORAGE DEPTH.  
BOTTOM DIMENSION  
L = 7'  
1:1 SIDE SLOPES IN CUT

I hereby certify the  
Erosion Control re  
plan based on my  
conditions and the  
with the requireme  
District.

<b>SETBACKS:</b>	
REAR PL.	6'
SIDE PL.	6'
HOUSE	0'
SEPTIC	20'
WELL	20'

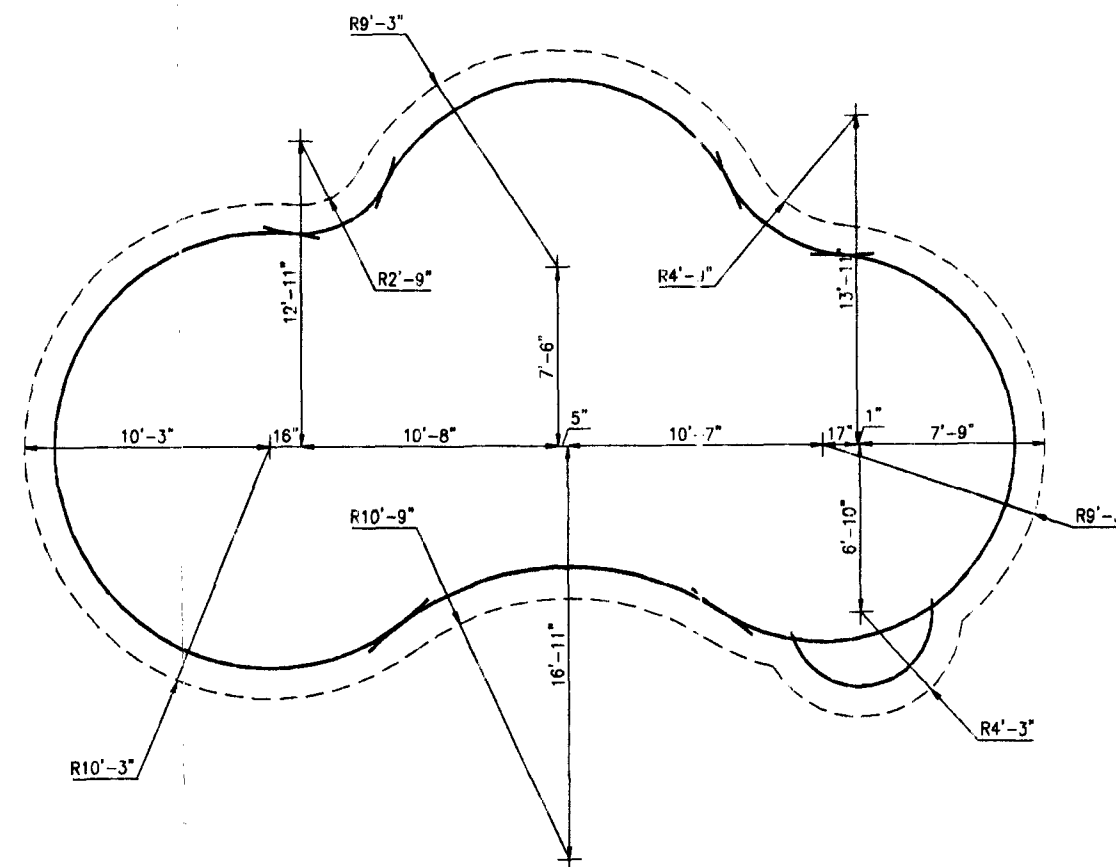
PRIVATE WELL  
& SEPTIC



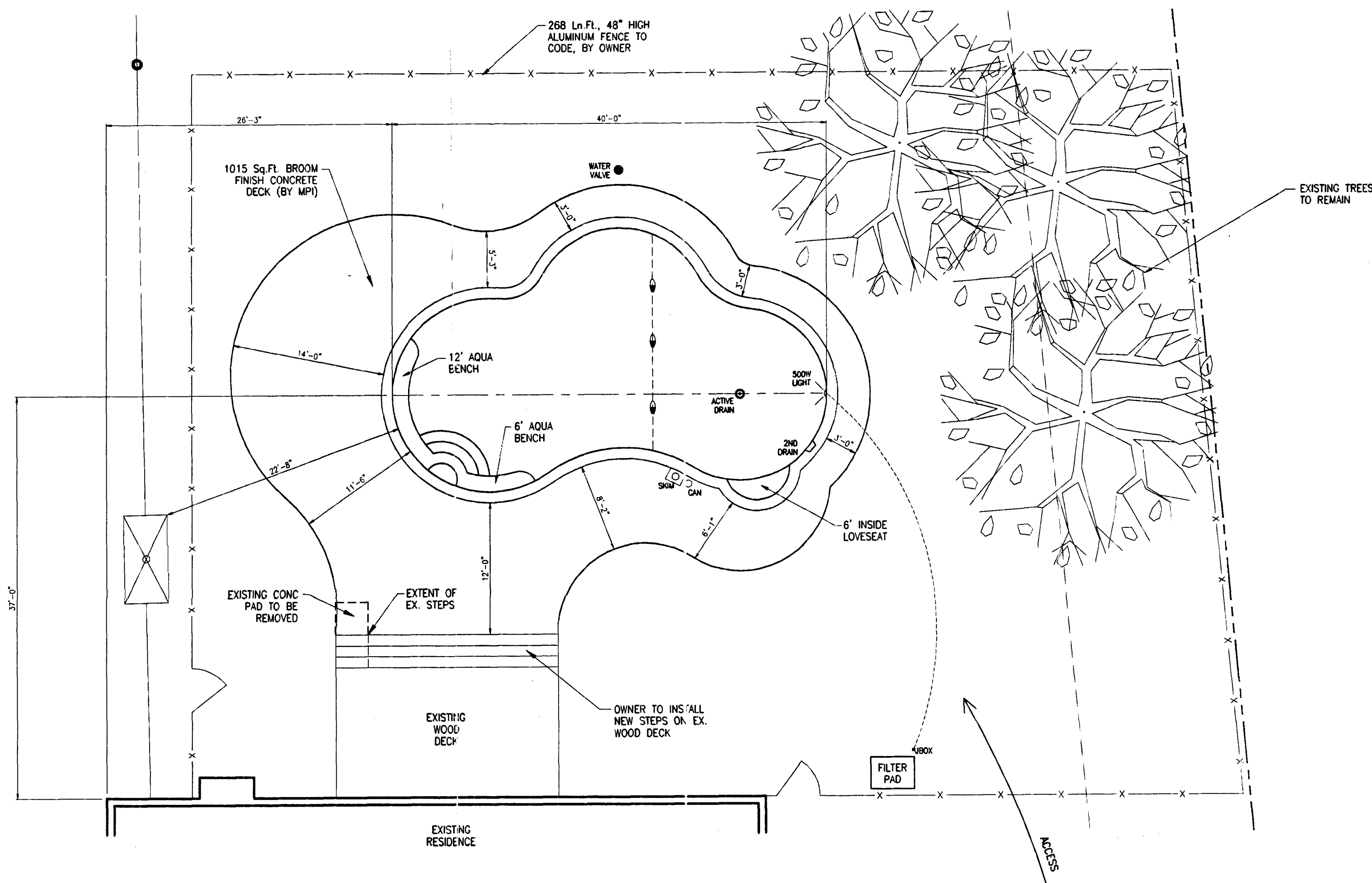
RIVER VALLEY CHASE  
50 R/W

**SITE PLAN**  
1"=30'

LOT 12  
WEST FRIENDSHIP ESTATES  
MAP 15, GRID 16, PARCEL 42  
ZONED RCDEO  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND



**LAYOUT DETAIL**  
1/8"=1'-0"



B00136169  
Approved GM  
5/15/02

## GENERAL NOTES

- 200 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 & 8.25" RISERS, 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:

GUNITE CREW: ALL REBOUND TO BE PLACED IN RAMP

COPING & TILE:

DECK CREW:

PLASTER CREW:

## EQUIPMENT LIST

DIRT: HAUL  
TILE: TBD  
COPING: PA FULL RANGE FLAGSTONE  
STEPS: INCLD. STYLE: STD.  
PLASTER: WHITE MARBELITE  
FILTER: C&C420 CARTRIDGE FILTER W/1.5HP PUMP

SAFETY EQ: INCLD.  
CLEANING EQ: INCLD.  
VACUUM EQ: INCLD.  
DIVING EQ: NONE  
LADDERS: NONE  
GRABRAILS: NONE  
LIGHTS: ONE  
WATTS: 500 VOLTS: 120  
HEATER: NONE  
SPA: NONE  
LOVESEAT: 6' LONG - OUTSIDE  
DECKING: 660 Sq.Ft. EXPOSED AGGREGATE  
POOL COVER- WINTER: NONE  
SOLAR: NONE  
AUTO: NONE  
FENCE: BY OWNER

OTHER ITEMS: PCC2000 CLEANING SYSTEM  
6' LONG AQUA BENCH  
12' LONG AQUA BENCH  
\$100 CHEMICAL ALLOWANCE

HOURS GRADING IN CONTRACT: ONE

## POOL DATA

SIZE: 18' X 40' SHAPE: CUSTOM  
AREA- POOL: 662 + LS OTHER: 12 (LS)  
TOTAL Sq.Ft.: 674  
PERIMETER- POOL: 105 OTHER:  
GALLONAGE: 22,400

NAME: ROBERT M. & KATHLEEN N. COLEMAN

ADDRESS: 3181 RIVER VALLEY CHASE  
WEST FRIENDSHIP, MARYLAND 21794

COUNTY: HOWARD ZONE: ONE

TELEPHONE - HOME: 410-489-7049

OFFICE: 410-720-5577

SCALE: 1/8"=1'-0" DRAWN BY: JEL

DATE: MAY 2002 JOB NO: IT02-6997

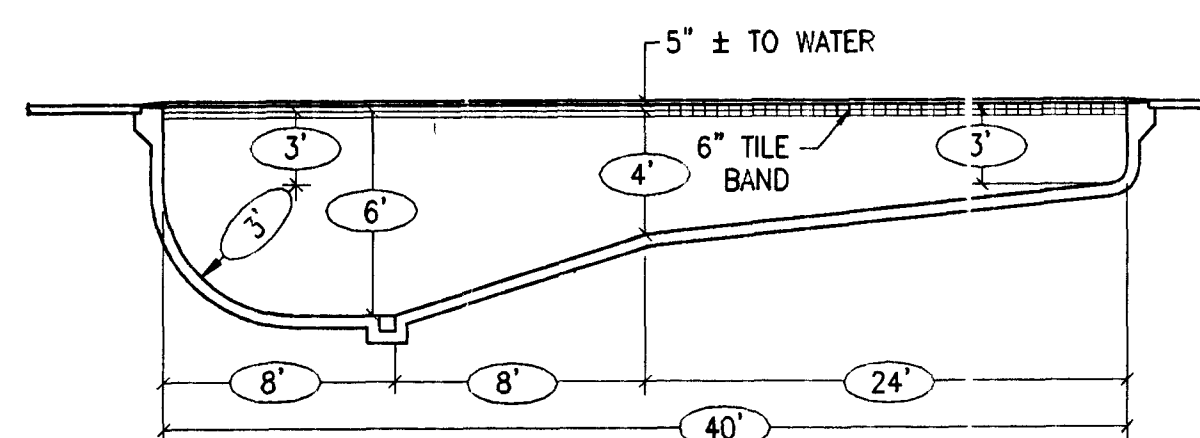
Both Customer and Salesman agree that this drawing, access, elevation & location of all equipment and appurtenances are in agreement. Any changes from this drawing must be approved in writing by the Customer and MPI.

CHECKED BY - SALESMAN  
CHECKED BY - CUSTOMER

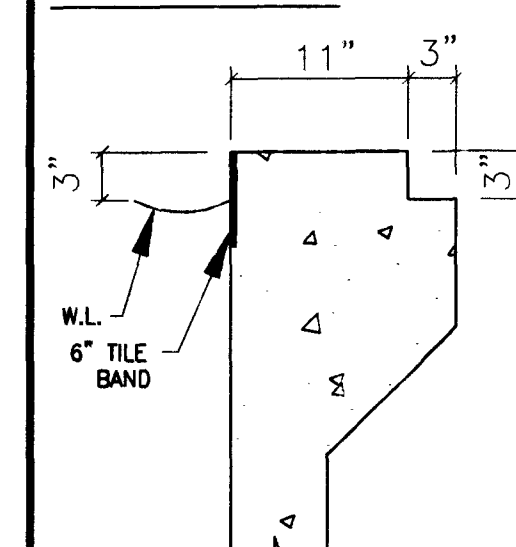
**DIRECTIONS:** RT-32 WEST TOWARD I-70. FOLLOW RT-32 PAST BURNTWOODS ROAD TO A LEFT TURN ON RIVER VALLEY CHASE. (WEST FRIENDSHIP ESTATES) FOLLOW TO SITE ON THE LEFT. 3181 RIVER VALLEY CHASE

**MAP BOOK:**  
Co.: HWRD  
MAP: 9  
GRID: K6

## Cross Section POOL ELEVATION:



## Bond Beam



COPING: FLAGSTONE

## Revisions

**MARYLAND POOLS**

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