

6-18-96
CO. PM
6-20-96
11:09

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318834

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

P 56623A

A 47221A

DISTRICT 3rd

DATE 5/15/96

DATE SYSTEM APPROVED 8/20/96

INSPECTOR *[Signature]*

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

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

SUBDIVISION West Friendship Estates LOT 24 ROAD 3168 River Valley Chase

PROPERTY OWNER William D. Ruppert & Cindy Ruppert

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

4/13/96 Contractor informed me that plumbing was leaving the house at the opposite side from BP plan. I told him OK to change location of septic tank and d.b. as per plan. *[Signature]*

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place distribution box 152 feet down the right lot line and 20 feet off that same lot line as seen from River Valley Chase. Run trenches along contour.

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

BLDG. PERMIT SIGNED

AND RETURNED

5/12/97

Serial # 67105502

OK 12/11/96

PLANS APPROVED BY Glen Savage REVISED _____ DATE 12/11/95

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

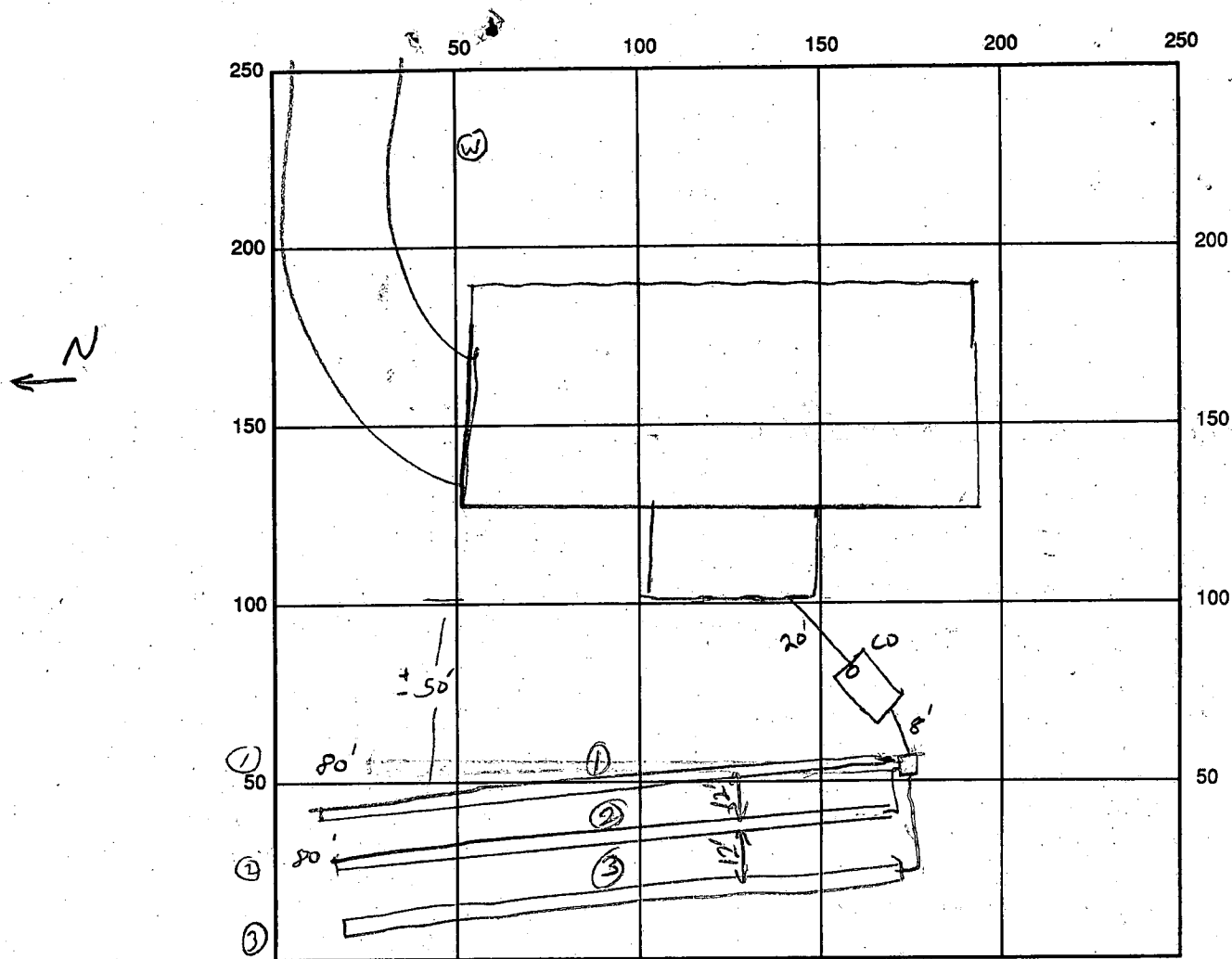
PERMIT VOID AFTER TWO YEARS

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

RIVER VALLEY CHASE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1500 gal CLEANOUTS 1 ON TANK

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1.5 FT. TOTAL LENGTH 12 / 80 / 80 FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 6/18/96 OK TO COVER TANK AND 1ST 2 TRENCHES
3rd last Trench OK to cover 6/29/96

DATE SYSTEM APPROVED 6/20/96 INSPECTOR R. Pally

Approved Septic System Plan Howard County Health Department

Signature

Date

6/13/90 location of septic tank and d.b. OK to change as shown to accommodate plumbing change.

Distribution Box
Ex Grd 517.8

Septic Easement

DISTURBANCE

Septic Easement

Distribution Box
Ex Grd 514.2

LIMITS

1250 Gal Septic Tank

FOXMORE (REV)
FF 528.30
FR 527.80
B 519.30

FF 530.20
B 527.20

FF 525.20
B 516.20

SUN ROOM
FR
GAR

Gar

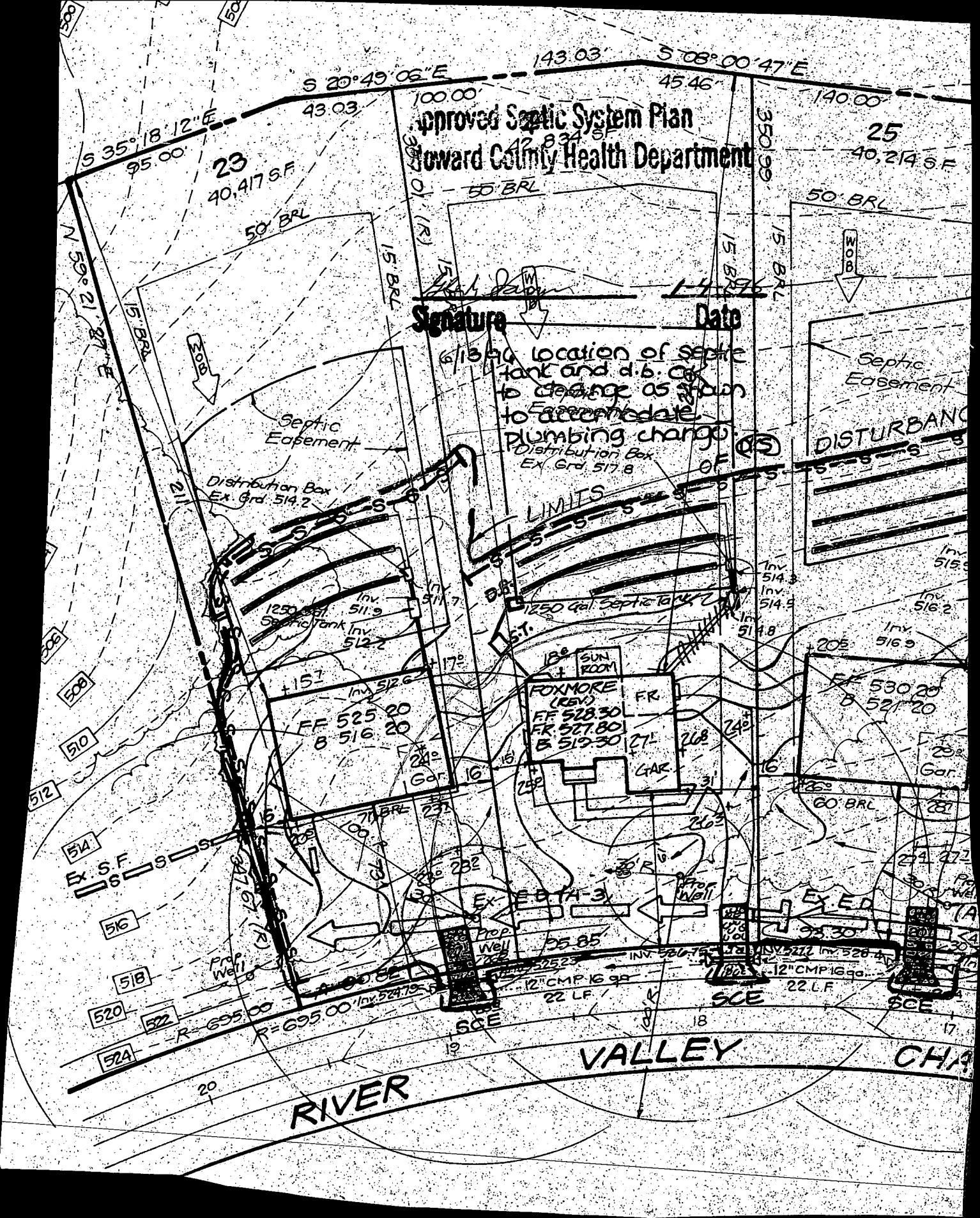
Ex ED (A-3)

Ex ED

RIVER

VALLEY

CH



APPLICATION

PERCOLATION TESTING

A 47221A

P _____

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

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 _____

PROPERTY LOCATION: WEST FRIENDSHIP ESTATES SECTION III LOT NO. 46 LOT 115

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 4 BRMS
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED AND RETURNED 1-4-96
Serial # 62861

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 John C. Reuwer FOR PERCONTEE, INC. DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOT 115
(RESULTS FOR 2 LOTS ON THIS PAGE)

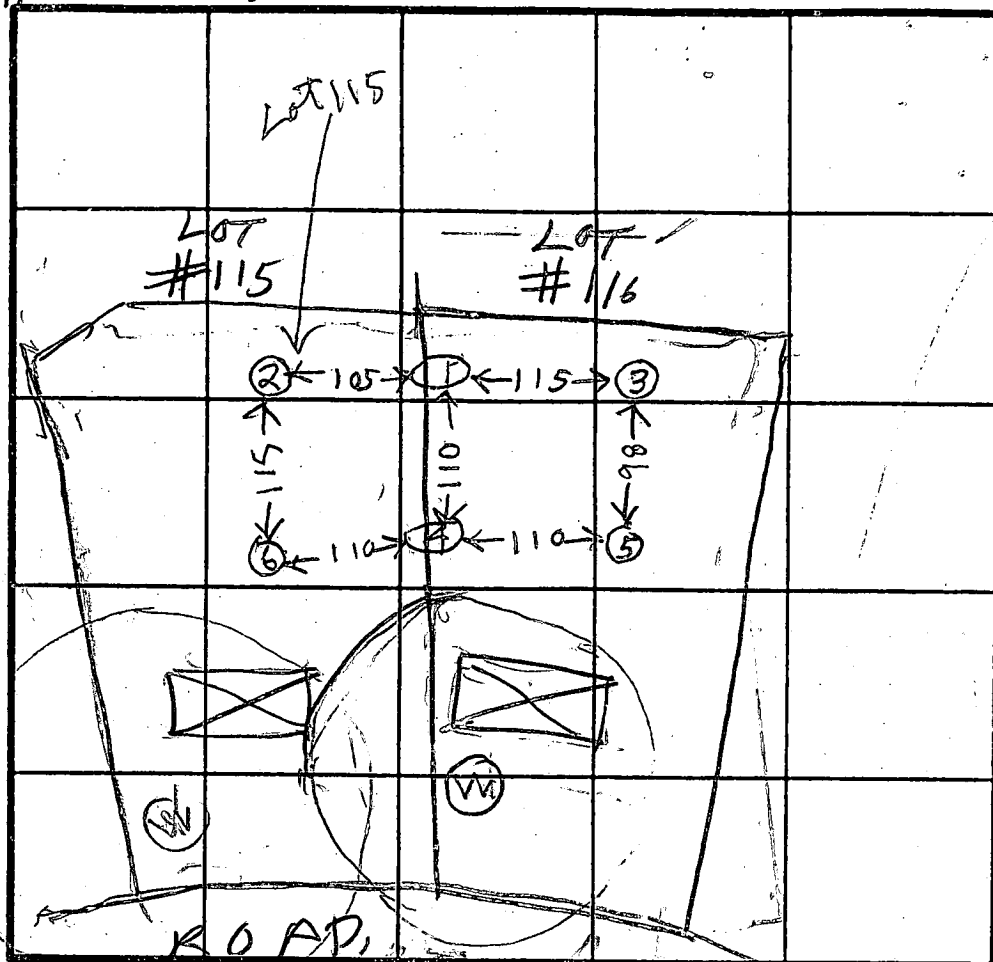
SOIL PROFILE

0
BROWN CLAY
3
BROWN GRITTY SAND
SILT LOAM
10.5
HARD

0
BROWN CLAY
2
BROWN SAND LOAM
SAPROLITE
HARD

3
BROWN CLAY
BROWN SAND LOAM
& ALITTLE SAPROLITE
HARD

3
BROWN CLAY
BROWN GRITTY SAND LOAM
12
HARD



INDICATE NORTH & NAME ADJOINING ROADWAY AS BASE LINE.

5
BROWN CLAY
3
BROWN LUMPY SAND LOAM
11
HARD
6
BROWN CLAY
3
BROWN GRITTY SAND LOAM
12

1033-200

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7/23/91	1 S	3	1014	1015	1015	1016	1	ON LINE #115 & #116
	1 V	10.5	OK	SHALLOW				
	2 S	3	1021	1022	1022	1024	2	#115
	2 V	9.5	OK	SHALLOW				
	3 S	3	1029	1030	1030	1031	1	#116
	3 V	9.5	OK	SHALLOW				
	4 S	4	1043	1045	1045	1047	2	ON LINE #115 & #116
	4 V	7.5	1042	1043	1043	1044	1	
	4 V	12	OK	SHALLOW				#116
	5 V	11	OK	SHALLOW				
	6 V	12	OK					#115

REMARKS: Hold 1" Dig Per Surveyor Staff Others a little different

TYPE OF SOIL

TESTED BY R. HODGES

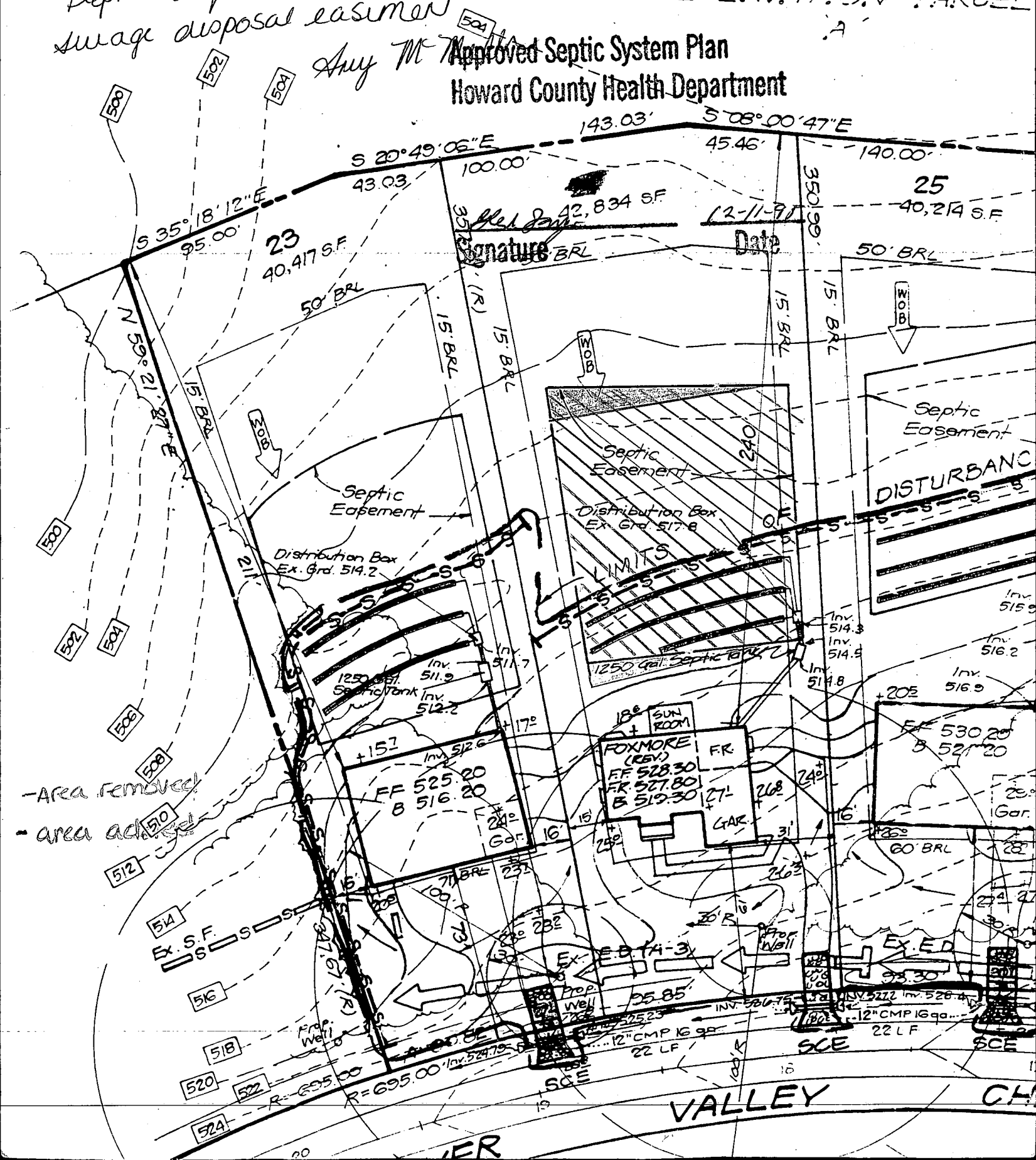
JOHN REUWER
ALSO PRESENT O KETTERMAN JR

SCALE 1"=50'

By copy of this plan - The Health Dept. accepts this modification to the sewage disposal easement

PRESERVATION PARCEL

Approved Septic System Plan
Howard County Health Department





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

May 7, 1997

MEMORANDUM

TO: Mr. and Mrs. William Ruppert
3168 River Valley Chase
West Friendship, Maryland 21794

FROM: Kimberly Maiste, Sanitarian (KM)
Water and Sewerage Program
Bureau of Environmental Health

RE: Building Permit Application
Number: B00105502
Proposed Use: Swimming Pool

COMMENT:

This office cannot recommend approval for the above referenced building permit application because the proposed pool location is too close to the existing septic easement.

In order for the building permit to be approved, this office recommends the following:

- Either change the location of the swimming pool
- Or an adjustment can be made to the existing location by percolation testing to establish additional septic area.

If you have any questions relative to this matter, please contact me at the below address or by calling 410-313-2640.

KM:jr

LOT 23

N20°49'06"W 100.00'

45°46'
N08°00'47"W

LOT 24

42,834 SF±

LOT 25

S66°50'41"W

357.01'

15' BRL

50' BRL

15' BRL

350.99'

PRIVATE
SEWERAGE
EASEMENT

800102033

Signature

Date

#3158

N74°44'47"E

16'±

60' BRL

15' BRL

30'±

6'±

Gravel
Driveway

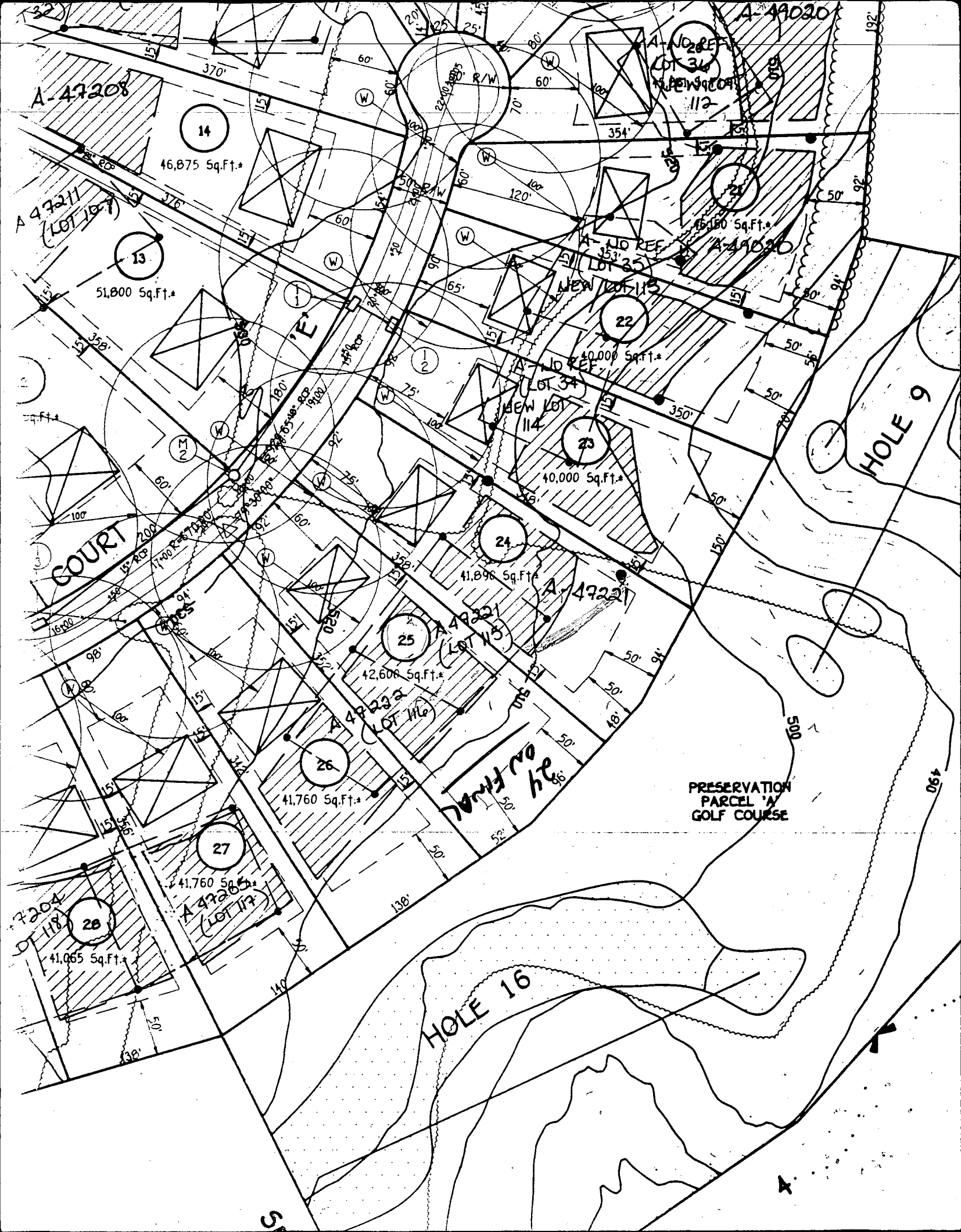
R=695.00'

L=95.85'

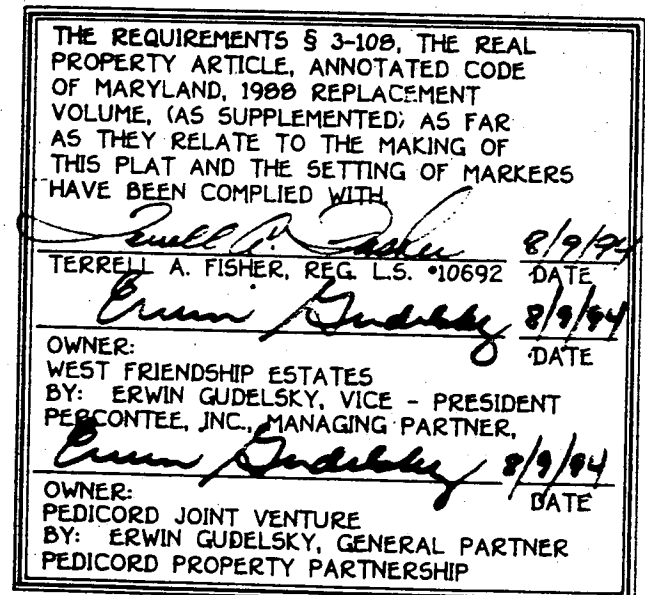
10' PUBLIC TREE
MAINTENANCE EASEMENT

RIVER VALLEY CHASE

50' R/W



SHEET



SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION COMPRISED OF (1) ALL OF THE LANDS CONVEYED BY WEST FRIENDSHIP ESTATES TO PEDICORD JOINT VENTURE BY DEED DATED DECEMBER 10, 1992 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER No. 2744 AT FOLIO 388, AND (2) ALL OF THE LANDS CONVEYED BY HORD LIMITED PARTNERSHIP TO WEST FRIENDSHIP NEW TOWN COMPANY BY DEED DATED JANUARY 2, 1990 AND RECORDED AMONG THE AFORESAID LAND RECORDS IN LIBER No. 2110 AT FOLIO 138; SAID WEST FRIENDSHIP NEW TOWN COMPANY HAVING CHANGED ITS NAME TO WEST FRIENDSHIP ESTATES BY DECLARATION DATED MARCH 22, 1990 AND RECORDED AMONG THE SAID LAND RECORDS IN LIBER No. 2152 AT FOLIO 145, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY, AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED, AND THE BOUNDARY SURVEY IS IN ACCORDANCE WITH THE USUAL PRACTICES OF THE SURVEYING PROFESSION.

WEST FRID

LOTS 1-56, P

C1 3641

SEQUENCE NO.
(DENV USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS 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

A42221

ST/CO USE ONLY
DATE Received

010396

DATE WELL COMPLETED

010296

Depth of Well

22 185 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-94-0459

OWNER YORKTOWN HOMES INC.
STREET OR RFD last name RIVER VALLEY CHASE first name TOWN W. FRIENDSHIP
SUBDIVISION W. FRIENDSHIP EST. SECTION 1 LOT 24

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)FEET
FROM TOCheck
if water
bearing

Top Soil	0	2
Sandy	2	16
Sand Stone	16	25
MICKA	25	45
Sand Stone	45	50
MICKA	50	185

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes ☒ no ☐

TYPE OF GROUTING MATERIAL

CEMENT ☒ BENTONITE CLAY ☐

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 24 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
belowST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

PL 6 26

OTHER CASING (if used)

diameter depth (feet)
inch from to

screen type
or open hole
insert
appropriate
code
belowST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OT OTHER

C2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)T (E.R.O.S.) W Q
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.) 8

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 55

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)

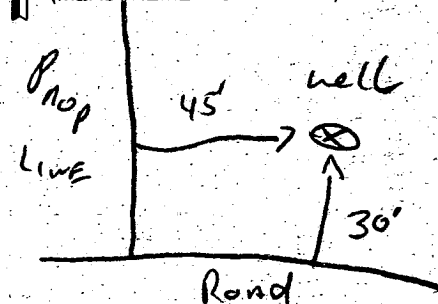
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

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)IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED

yes ☒ no ☐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
WELLI 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO. 116

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)SITE SUPERVISOR (sign. of driller or journeyman
responsible for sitework if different from permittee)

COUNTY

100'-00' 45.46'

LOT 24
42,834 ±

50' B.R.L.

357.01'

15' B.R.L.

15' B.R.L.

350.99'

RESERVE AREA
TO BE INCREASED
PER MR. CRAIG
WILLIAMS
ENVIRONMENTAL
HEALTH DEPT.
(410)313-2640

PRIVATE
SEWERAGE
BASEMENT

SEPTIC
TRENCHES

SEPTIC
TANK

POOL

THIS PORTION OF SEPTIC
AREA TO BE DELETED

NOTE: SURVEY N

OK AS
PROPOSED
5/12/97
Cullen

HOUSE

WELL

GRAVEL
DRIVE ACCESS

R=695.00' L=95.85'

RIVER VALLEY CHASE
(50' R/W)

3168
SITE

RIVER VALLEY CHASE

000105502

REVISED

MAY 12, 1997

Avis Corbin, Chief Licenses & Permit Division
Department of Inspections, Licenses & Permit

RE: Permit # *B00105502*

Anthony & Sylvan Pools, Inc. is submitting revised site plans for the above permit application, per recommendation of The Department of Environmental Health.

Sincerely,

Anthony & Sylvan Pools, Inc.

*OK AS REVISED
5/12/97
CWILL*

