

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56966B

A 49020-A

DISTRICT 3

DATE 6/4/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DATE SYSTEM APPROVED 7/3/96

INSPECTOR

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION West Friendship Estates LOT 21 ROAD 3180 River Valley Chase

PROPERTY OWNER Trinity Custom Homes / COVELL

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 165' up the left lot line and 15' off this same lot line as seen when facing the lot from River Valley Chase. Run trenches on contour towards the 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. MAINTAIN AT LEAST 20" BETWEEN TRENCHES AND HOUSE FOUNDATION. OK MR

PLANS APPROVED BY Glen Savage

DATE 5/2/96

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

LOG. PERMIT SIGNED

AND RETURNED 5-20-97

Serial # 204103012

duch

A 49020-A

Hand-drawn sketch map on a grid. The grid has horizontal and vertical lines. The horizontal axis is labeled with numbers 50, 100, 150, 200, 250. The vertical axis is labeled with numbers 50, 100, 150, 200, 250. The map shows a building layout with several rectangular structures. A large rectangular structure is labeled 'INDEXED'. Above it, there is a smaller structure labeled 'LOLO HO OH' and a circle containing the letter 'M'. Below the 'LOLO HO OH' structure, there is a label 'JUN 11 1961'. To the left of the main structure, there are three numbered points: ①, ②, and ③. Point ① is near a line labeled '70'. Point ② is near a line labeled '22'. Point ③ is near a line labeled '70 A'. To the right of the main structure, there are several numbered points: 22, 20, 17, 80, 33, and 38. A north arrow is located on the right side of the map, pointing upwards. Below the map, there is a caption: 'INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE'.

7/30/96
TED RICE
DUE TO CHECK
FOR ROCK PRIOR
TO SEPTIC
INSTALLATION,
CLAY TO 5'
CLAY LAM TO 8'
13% ROCK IN
730A, 730B

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{112}{80} \frac{180}{80}$ FT. = 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER 1 FT. EFFECTIVE DEPTH BELOW INLET 2 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 7/30/96 TANK SET, 2 TEST HOLES DUG, OK TO PROCEED, 7/30/96
OK TO COVER TANK AND 1ST 2 TRENCHES. LEAVE ENDS LOWEST TRENCH
OPEN, LEAVE OUT BOX OPEN. 7/31/96 TRENCH 3 WAS OPEN (COMPLETE)
UPON INSPECTION - FULL OF WATER FROM HEAVY RAINS 0-3" SILT ON TOP OF
PAPER, CONTRACTOR WILL DRAIN TO TOP OF STONE AND COVER THIS AM. 8/

DATE SYSTEM APPROVED 7/31/96 INSPECTOR Blair Penz

APPLICATION

PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

No Fee

A _____

P _____

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION W PASH I LOT NO. 22 (2 Low Holes)

ROAD AND DESCRIPTION HORD FARM

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

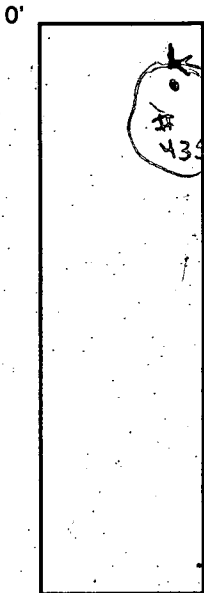
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

LOT #22

COUNTY #

SOIL PROFILE

0' 

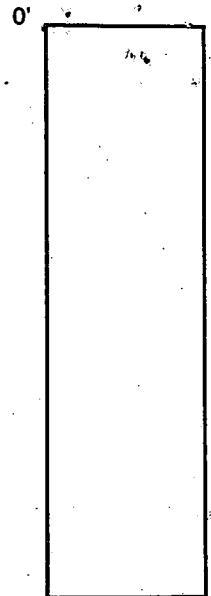
#4 HOLE

See
LOT 21
on LINE
 $5\frac{1}{2}'$
ALL
LOAM
↓ DRY
 $12\frac{1}{2}'$

#3 HOLE

0' to 3'-10"
CLAY
3'-10" to
75%
LOAM
25%
STONE
7'
to
10'

SOIL PROFILE

0' 

1
(LOW) 1

2' 3' 438

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/27/93	(4)						
(2 Low hole)	#437	See Lot 21					(all loam)
(W. driveway)	(3)	3'-10"	1:37	1:39	1:39	1:45	6 min
	#438	10'	(75% Loam (7' stone down to 10'))				25%

REMARKS Trench in woods (SHALLOW-ONLY)

TYPE OF SOIL Loam & as above

TESTED BY C. Bo ALSO PRESENT O.K. G. & asst.

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

PERCOLATION TESTING

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. Trinity Custom Homes, 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

LOT NO

Section Lot 21
OLD NEW
35 1/3

ROAD AND DESCRIPTION

WEST IVORY RD. & RT 32, SOUTH OF RT. 70
3182 River Valley Chase

TAX MAP

15

PARCEL #

42

SIZE OF LOT

3.00 AC. +/-

TYPE BLDG

BLDG. PERMIT SIGNED

AND RETURNED 5-2-96

Serial # 64632

SFD - 4 BRMS

(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. Reuer

FOR

(SIGNATURE OF APPLICANT)

FOR PERCONTEE, INC.

DATE

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

HD-216

THIS IS NOT A PERMIT



SOIL PROFILE

SOIL PROFILE

059 Sa
cl m
15-20%
shale frags

059 Sa
m
20-25%
platy
shale
frags

3-4

10

24

0.9 rock clay lm 15-20% Frgs	0.9 tan sa lm 20-35% shale Frgs some lg. Some leached
---------------------------------------	--

③

2-3

8295

Lot
Line

9-125-4

58

95

(3)	105 ⁺	5
-----	------------------	---

Lot 112

OLD 36

$\overline{x} = 4$
180 $\neq$ BR
Inlet 3'
Bottom 4 $\frac{1}{2}$ '

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/6/91	1 S	4	2:40	2:42	2:42	2:47	5
	1 V	10	see profile				
	2 V	18	sim too				
	3 S	4	2:20	2:22	2:22	2:24	12
	3 V	9 1/2	see profile				
	4 S	2 1/2	2:29:30	2:32	2:32	2:35	3 ES
	4 M	6	2:29	2:31	2:31	2:34	3
	4 V	8 1/2	see profile				

REMARKS

SHALLOW SYSTEM ONLY

TYPE OF SOIL

M. Rifkin

TESTED BY

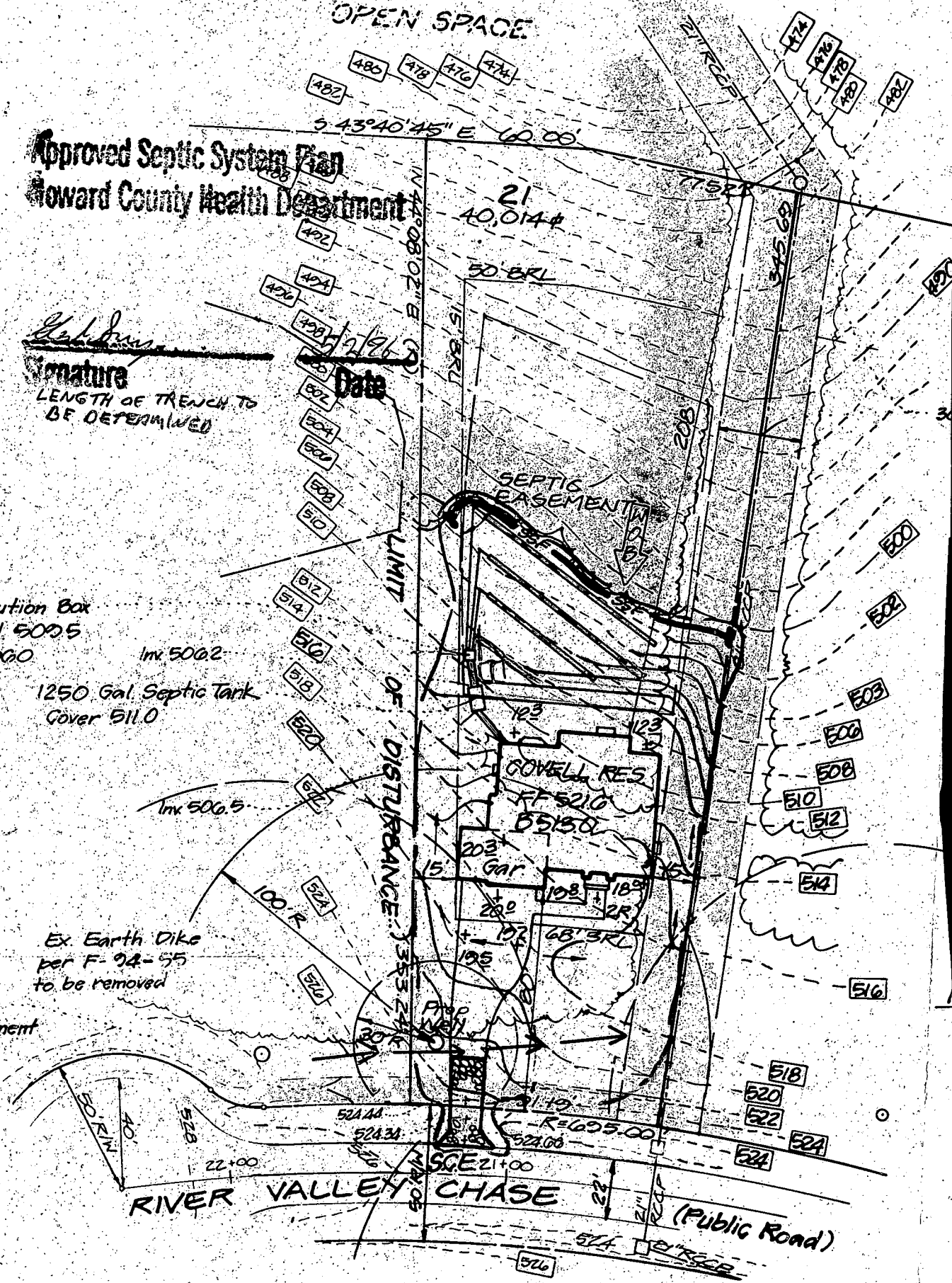
ALSO PRESENT

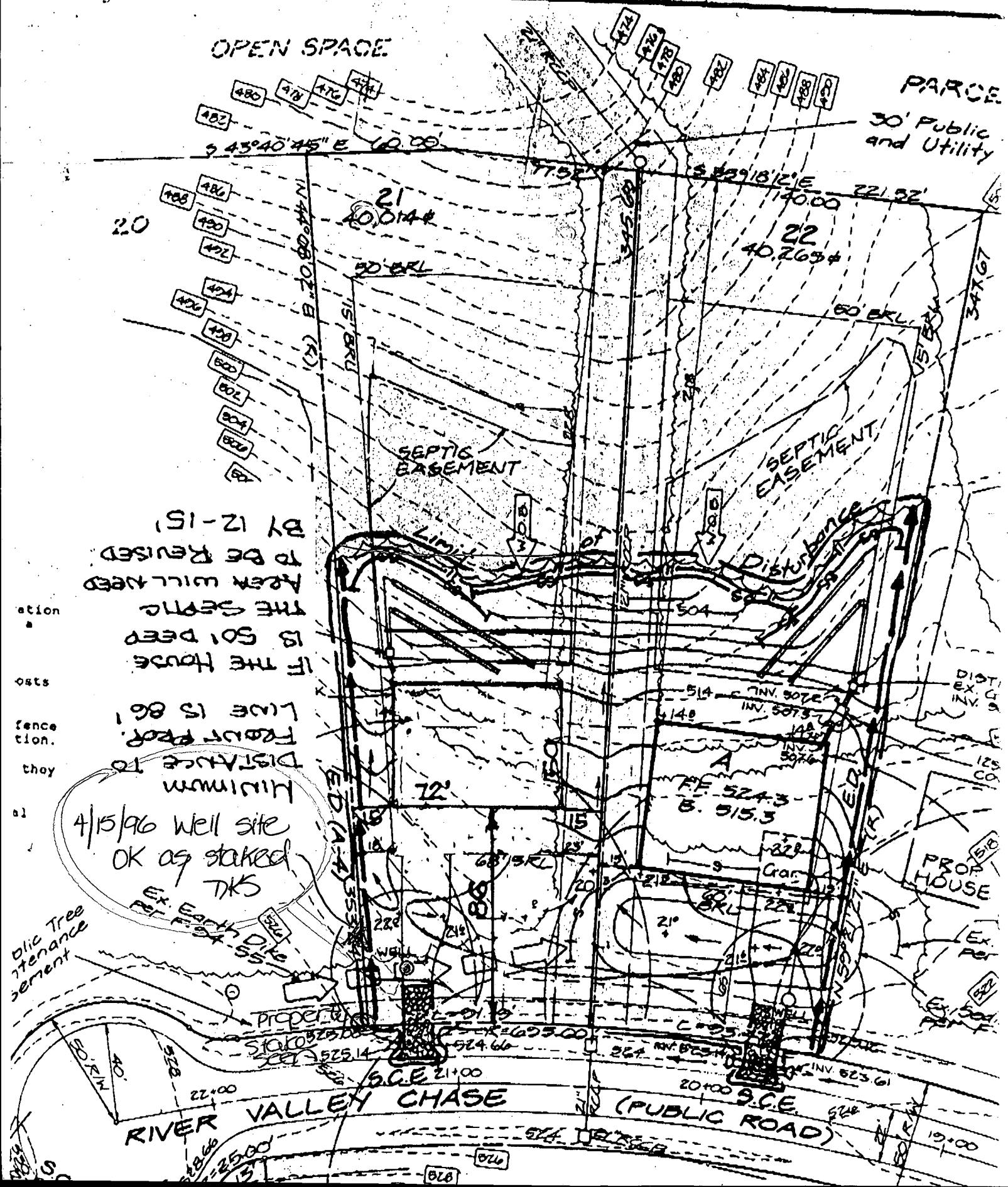
OK

OPEN SPACE

DATE

Public Tree Maintenance Easement





C 1	4560	SEQUENCE NO. (MDE USE ONLY)	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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER	A-13
SY/CO USE ONLY DATE Received		DATE WELL COMPLETED		PERMIT NO. FROM "PERMIT TO DRILL WELL"	
8 13		15 20		28 29 30 31 32 33 34 35 36 37	
		042596		H0-94-0767	
		22 26		(TO NEAREST FOOT)	

OWNER	Trinity Builders Inc.				
STREET OR RFD	River Valley Chase				
SUBDIVISION	West Friendship Estates				
SECTION	TOWN West Friendship				
		LOT 21			

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
Top Soil	0 2	
Sandy	2 30	✓
Sand Stone	30 35	
MICKA	35 75	
Sand Stone	75 80	✓
MICKA	80 185	

GROUTING RECORD	
WELL HAS BEEN GROUTED	
(Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL (Circle one)	
CEMENT	BENTONITE CLAY
CM	BC
NO. OF BAGS	NO. OF POUNDS
17	1200
GALLONS OF WATER	
102	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 38 ft.	
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below		
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	41
60 61	63 64	66 70

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

SCREEN RECORD	
screen type or open hole insert appropriate code below	
STEEL	BRASS BRONZE
PL	OT
PLASTIC	OTHER

NUMBER OF UNSUCCESSFUL WELLS:	0
WELL HYDROFRACTURED	yes Y no 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	116
DRILLERS LIC. NO.	116
DRILLERS SIGNATURE	Hal Wayne
(MUST MATCH SIGNATURE ON APPLICATION)	

LIC. NO.	116
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	Hal E. Wayne

DEPTH (nearest ft.)	
H0 39 185	
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN	
(NEAREST INCH)	
56 60	

GRAVEL PACK	from to
IF WELL DRILLED WAS FLOWING WELL INSERT F. IN BOX 68.	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.)		
15		
METHOD USED TO MEASURE PUMPING RATE		
Bucket		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
28 ft.		
WHEN PUMPING		
35 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: YES NO	
(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)	
31 35	
PUMP HORSE POWER	
37 41	
PUMP COLUMN LENGTH (nearest ft.)	
52/96	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	
LAND SURFACE	
- below	
2 (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)	
Prop 4115 well	

APPLICATION

HOWARD COUNTY

PERMIT APPLICATION

DEPARTMENT OF INSPECTIONS, LICENSES & PERMIT

3430 COURT HOUSE DRIVE, ELLICOTT CITY, MARYLAND 21043

SERIAL NUMBER

T 2111301

BUILDING ADDRESS (HOUSE NO., STREET, TOWN OR AREA)

8180 River Valley Chase

Ellicott City, MD 21043

GRADING/SEDIMENT CONTROL ☐ YES ☐ NO

SDP #

DESCRIPTION OF WORK AUTHORIZED

Deck 2' x 12' x 12' on back of house

LOT NO. 21 PARCEL NO. 42 SEC. 1 AREA - BLOCK NO. 21 LIBER FOLIO

SUB DIVISION T FRIGIDISHT EST ZONE 15 ELEC. DIST. 3 CENSUS TR. 6030

OWNER NAME AND ADDRESS PHONE NO.

Dr. J. & M. Collins 3802 ... MD 410424197

OCCUPANT'S NAME AND ADDRESS PHONE NO.

SAME

ARCHITECT OR ENGINEER'S NAME AND ADDRESS PHONE NO.

Julius A. Hader
B&C Construction
5900#3 Tamar Dr.
Columbia, MD. 21045
4109601117

SIZE OF BLDG. FRONT DEPTH HEIGHT

TYPE OF BLDG. AREA VOLUME ROOF

B. ROOMS
ROOMS
BATHS
FIREPLACES

FOOTINGS FOUNDATION S. WALLS

UTILITIES WATER/SEWER/ELECTRICITY GAS ELECTRICITY TYPE OF HEAT AC

I have carefully examined and read this application and know the same is true and correct, and that I am doing this work, all provisions of Howard County Ordinances and the State Laws of Maryland will be complied with, whether specified or not; and I will notify the Department of Inspections, and Permit twenty-four hours in advance when I am ready for the inspection called for elsewhere in the application; and that no work will be covered up until such inspections have been completed with.
Signature: [Signature] Title: [Title] Date: 4/16/97

EXISTING USE PROPOSED USE

SFD SFD with Deck

EST. CONSTRUCTION COST LICENSE NUMBER PERMIT FEE

135000.00 42718 135

W/S CODE FOR OFFICE USE ONLY

DISTRICT IN FEET FROM RAW LINE TO FRONT BUILDING LINE 68' min

SIDEYARD 15 min (DISTANCE IN FEET FROM SIDE BLDG. LINE TO SIDE PROPERTY LINE)

TO SIDE BUILDING LINE 21'4" DISTANCE IN FEET, REAR YD. REQUIRING SET

BACK 50 min (CORNER LOT ONLY) SDP #

Check payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

CAUTION

Permit is not valid unless accompanied by a valid inspection report. If the permit is used without a valid inspection report, the permit is void and the user is liable for any and all damages resulting from the use of the permit.

IMPORTANT: PLEASE SHOW ZIP CODES AND AREA CODES WHEREVER REQUIRED.

FUNCTION DATE SIGNATURE APPROVAL

ZONING/PLANNING

SHA

SEDIMENT/GRADING

BUILDING OFFICIAL

WATER & SEWER

HEALTH DEPT.

FIRE PROTECTION

STORM WATER MGM.

APPROVED DATE

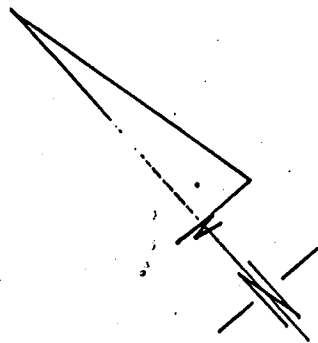
CK # 4217

Distribution of Copies: White - Building Official Green - Planning & Zoning Yellow - Engineering Pink - Health Dept. Gold - S.H.A.

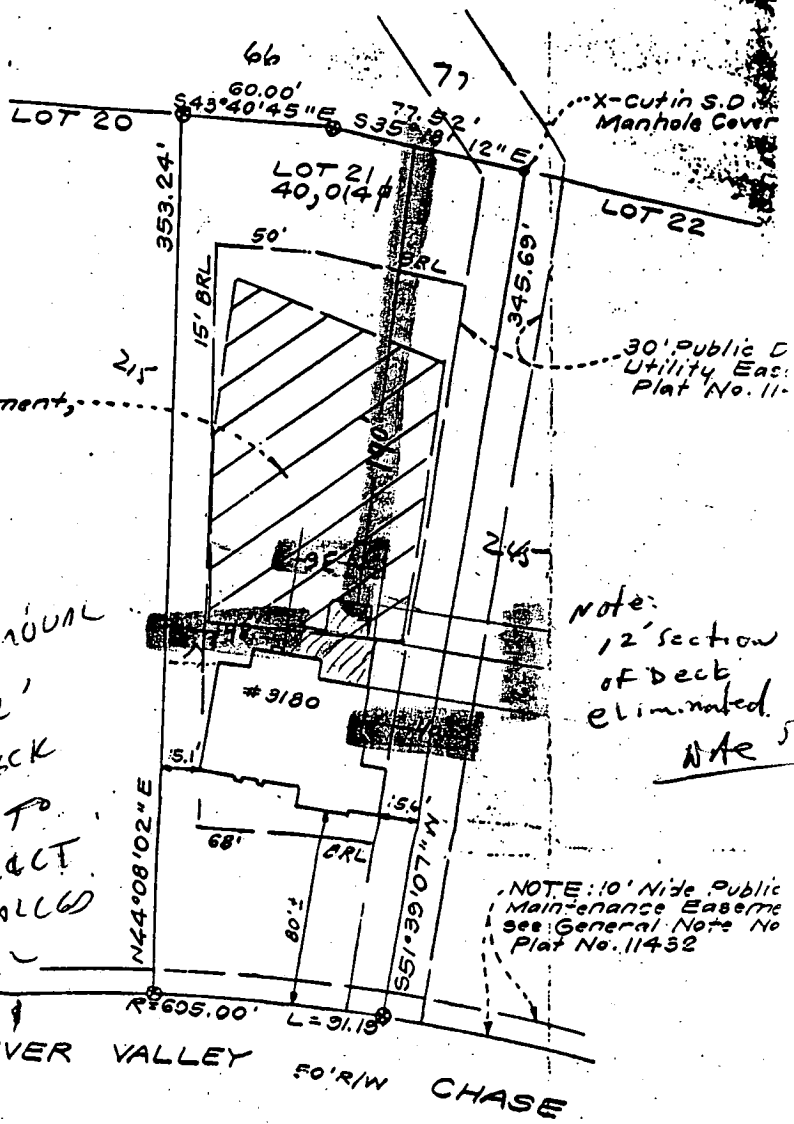
* 4/16/97 walk-thru BP not approved due to proximity to existing septic system.

(C) DKS

seems to lie in an
 Flood as Zone C
 flooding as shown on FIRM MAP
 ty, Maryland, Community Panel
 400158, Panel 15 of 45
 iber 4, 1986



OPEN SPACE PARCEL A

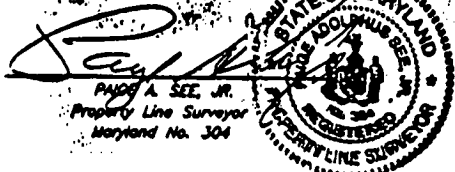


B00105012
 PROPOSES DECK
 RECOMMENDED FOR APPROVAL
 WITH FINAL 12'
 SECTION OF DECK
 ELIMINATED TO
 AVOID CONFLICT
 WITH DISPOSED
 SEATTLE
 T & B CH. RIVER VALLEY
 50' R/W CHASE

5/20/92
 C. Will
 HOW CO HEALTH

P'S CERTIFICATE

at a field survey of this property
 my supervision for the purpose
 its shown, hereon, and that



- NOTES:
1. Setback Dist.
 2. R = Rebar