

Tax ID - 04-311930

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46278

A REPAIR

DISTRICT \_\_\_\_\_

DATE 08/23/90

DATE SYSTEM APPROVED 2/28/91

INSPECTOR C.B.D.

2/13/91 9:30

# INDEXED

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**  
461-9933

W. F. A. Contractors \_\_\_\_\_ IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER X

ADDRESS 1610 W. Old Liberty Road, Sykesville, MD 21784 PHONE 875-4232

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ ROAD 15781 Morgan Woodbine Road

PROPERTY OWNER Buddy and Jane Colson Morgan

ADDRESS 15781 Morgan Woodbine Road Woodbine, Maryland 21797

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS  SITE INSPECTION TO BE SCHEDULED WITH HEALTH DEPARTMENT IN ADVANCE SO SANITARIAN IS PRESENT DURING ALL EXCAVATION.

NUMBER OF BEDROOMS \_\_\_\_\_  Modify existing steel tank by adding baffled inlet/outlet pipes.

Approx. 700 SQUARE FEET PER BEDROOM TOTAL

LINEAR FEET OF TRENCH REQUIRED 130

REPAIR - EXISTING HOUSE CONVERTING FROM HOLDING TANK TO SEPTIC TANK WITH DISPOSAL FIELD.  
Trench to be 4 feet wide. Inlet 1 foot below original grade. Bottom maximum depth 3 feet below original grade. Effective area begins at 1 foot below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the first trench 10 feet from the left lot line and approximately 17 feet from the terrace/slope interface (about 35 feet from the front lot line). Place the second trench 4 feet from the edge of the first trench and 5 feet from the terrace/slope interface. Run trenches along contour, 65 feet toward the right lot line maintaining 80 feet from all wells.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. JEN 2-11-91

PLANS APPROVED BY Jane Nadeau DATE 2/08/91

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**

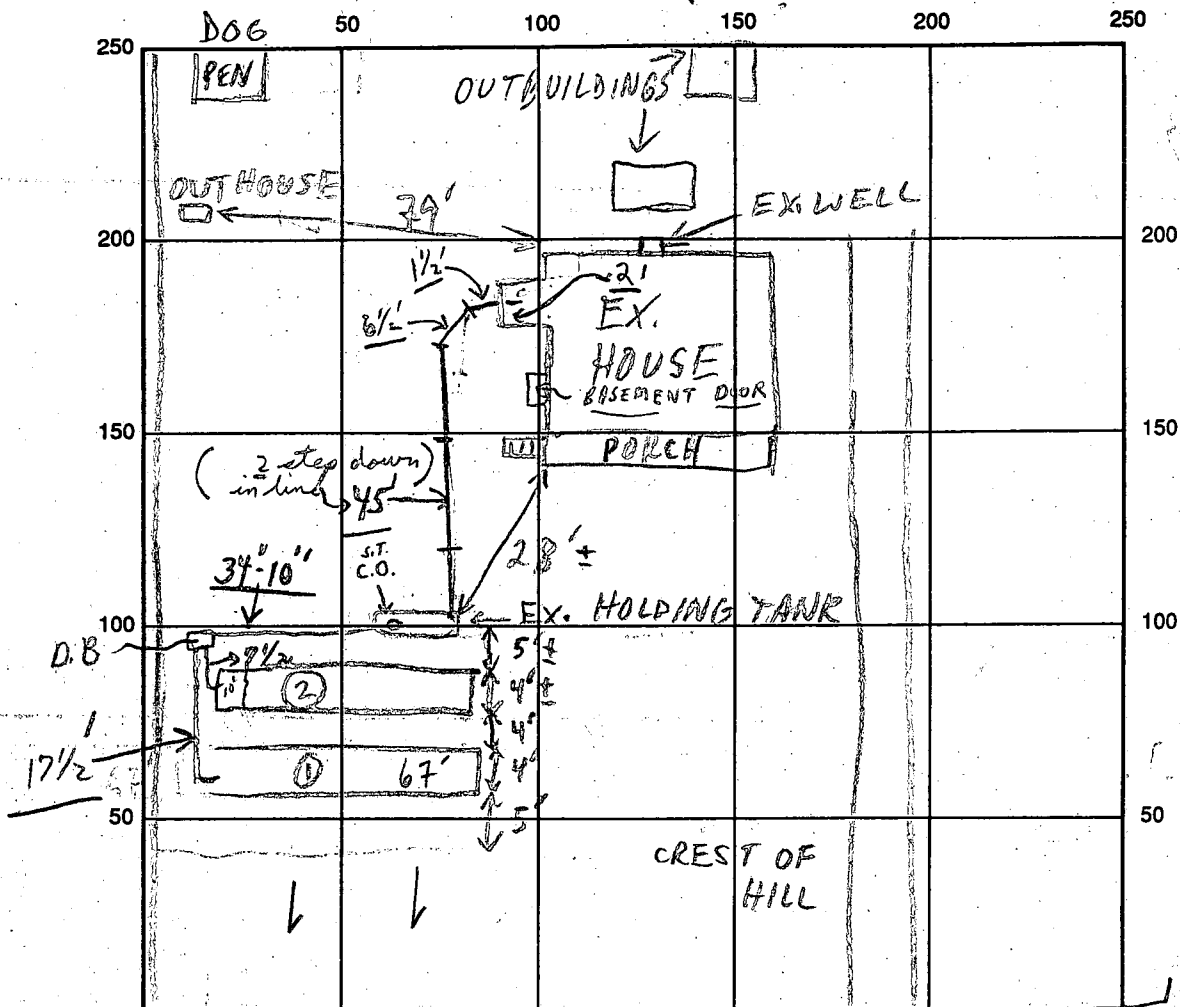
HD-260(6-90)

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

~~ALL SEWER LINES~~  
~~AND TRENCHES~~ 6/6/01  
B00130680 - pool

1/7/91

A P 46278



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 MORGAN WOODBINE RD

SEPTIC TANK LEVEL OK - EX 500 GAL H.T. CLEANOUTS { S.T. C.O. existing 7 ft. above tank end of tank tube 1' + or more }

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 1 1/2 / 3 + (average) 1 1/2 FT. TRENCH WIDTH 4 FT. INLET DEPTH 1 1/2 / 1.5 FT.

EFFECTIVE GRAVEL DEPTH 1.5 / 2 FT. TOTAL LENGTH 67 / 65 FT. } 132

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 268 / 260 SQ. FT. 528 +

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

ABSORBENT AREA 528 + SQ. FT.

REMARKS: 2/13/91 #1 OK TO DIG TRENCHES MR 2/13/91 #2 OK TO STONE TRENCH ①  
2/13/91 #3 INSTRUCTED INSTALLER TO MAINTAIN 2" STONE BELOW PIPE, NOT 1 1/2" AND ADD IN 4" PIPE + 2" COVER TO GET 2" (AS WAS DONE ON TRENCH ①) MR 2/17/91 #1 TRENCH ② 4 1/6" WIDE NEAR LOT LINE, 4' NEAR TANK OK TO STONE ② 40' COMPLETE MR

2/28/91 P.M. finished trench mess house uses one all covered. but 10' of pos end / ok / 10' / cover as finish trenches valley. Part 2: P.M. of all pipes from house thru trenches as per above + near Dist Box off as seen. See next page. →

DATE SYSTEM APPROVED 2/28/91 INSPECTOR Charles Blinn

8-27-90  
 2-13-91 9:30  
 2-27-91 ASAP  
 2-28-91 10 am  
 2-28-91 Late P.M.

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH  
 461-9933

P 46278

A REPAIR

DISTRICT \_\_\_\_\_

DATE 08/23/90

DATE SYSTEM APPROVED 2/20/91

INSPECTOR C.B.O.

W. F. A Contractors

IS PERMITTED TO INSTALL \_\_\_\_\_ ALTER

ADDRESS 1610 W. Old Liberty Road, Sykesville, Md. 21784 PHONE 875-4232

SUBDIVISION \_\_\_\_\_ ROAD 15781 Morgan/Woodbine LOT \_\_\_\_\_

PROPERTY OWNER Buddy and Jane Colson

15781 Morgan/Woodbine Road

ADDRESS Woodbine, Maryland 21797

~~PERMITS GRANTED TO USE EXISTING SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 10%~~

~~PERMITS GRANTED TO USE EXISTING SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 10%~~

SEPTIC TANK CAPACITY \_\_\_\_\_ GALLONS NUMBER OF BEDROOMS \_\_\_\_\_

REPAIR - PERCOLATION TEST TO INSTALL SYSTEM FOR EXISTING HOUSE AND ACCOMMODATE  
 2 BEDROOM ADDITION (3 BEDROOM TOTAL)

**\*** CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

PLANS APPROVED BY Craig Williams cm DATE 08/23/90

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 40 PVC OR ABS

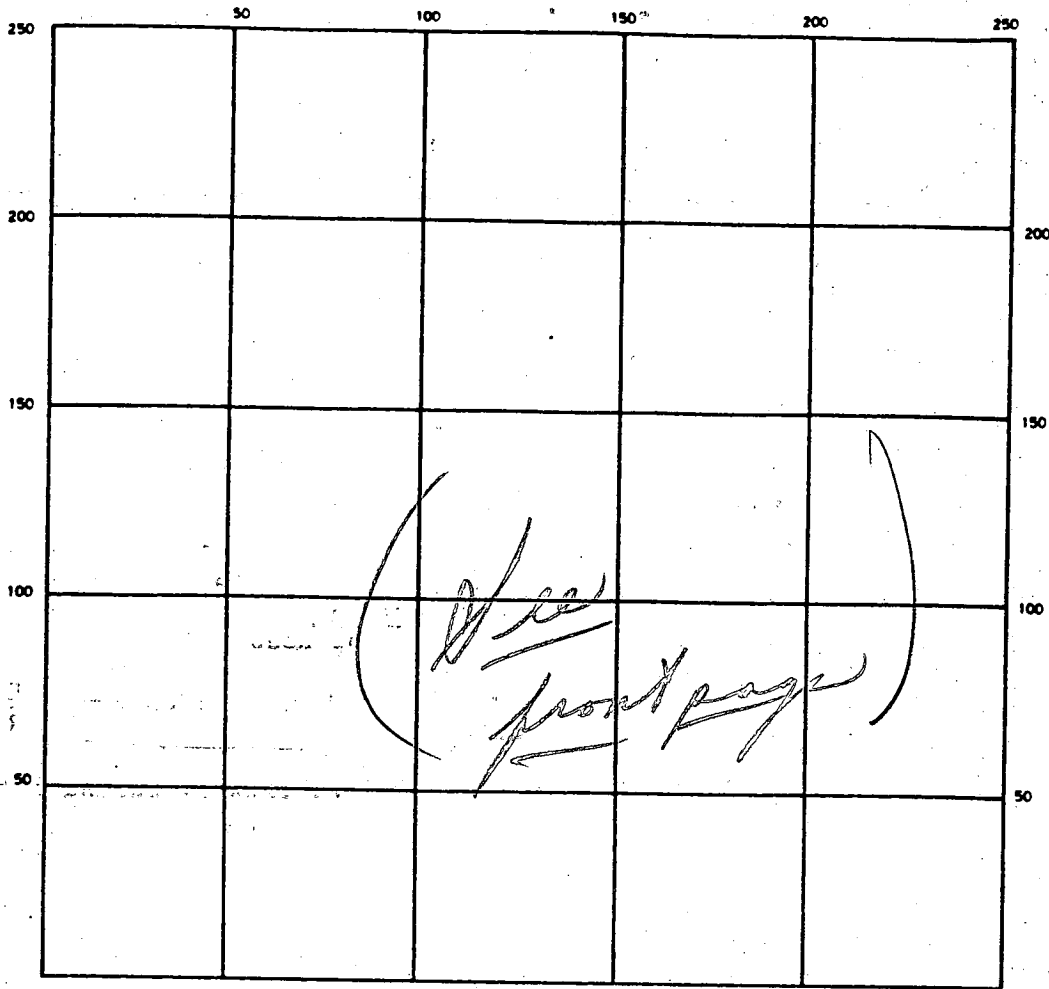
PERMIT VOID AFTER TWO YEARS

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 PVC 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 APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



SEPTIC TANK LEVEL ← See Pg. 1 → CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL " " \_\_\_\_\_

DRAIN FIELD/TILE FIELD DEPTH 1 FT. TRENCH WIDTH 1 FT. INLET DEPTH 1 FT.

EFFECTIVE GRAVEL DEPTH \_\_\_\_\_ FT. TOTAL LENGTH 1 FT.

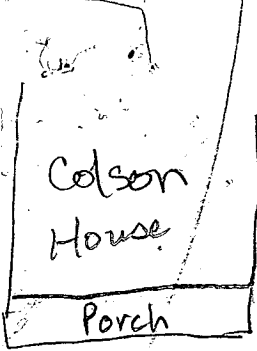
NUMBER OF TRENCHES See Pg. 1 ONE SIDEWALL/BOTTOM AREA \_\_\_\_\_ SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA See Pg. 1 SQ. FT.

REMARKS Late P.M. 2/28/91 Final - obs to covers all work to extend  
anxiety cleanout at septic tank 1' + above CB&D the  
present tank at far end. Both ends of  
septic tank had cement covering pipes as  
it enters & exits tanks. Final.

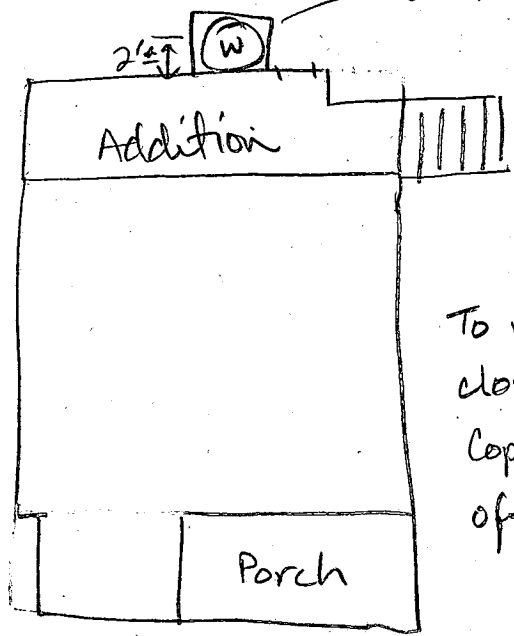
DATE SYSTEM APPROVED 2/28/91 INSPECTOR Charles Bryan Throck



Neighbor's House w/ well adjacent to addition.

steep slope

concrete slab w/ well underneath



Building permit was applied for 7-11-88 and finalized 2-21-90.

To raise roof, add bathroom/closet over existing kitchen. Copy to be sent from license office. JEN 8-28-90

Dowens Property  
405 Woodbine Rd

1578 Morgan Woodbine Rd

Woodbine Ln

Morgan Woodbine Road

TO Rt 94

flood plain area

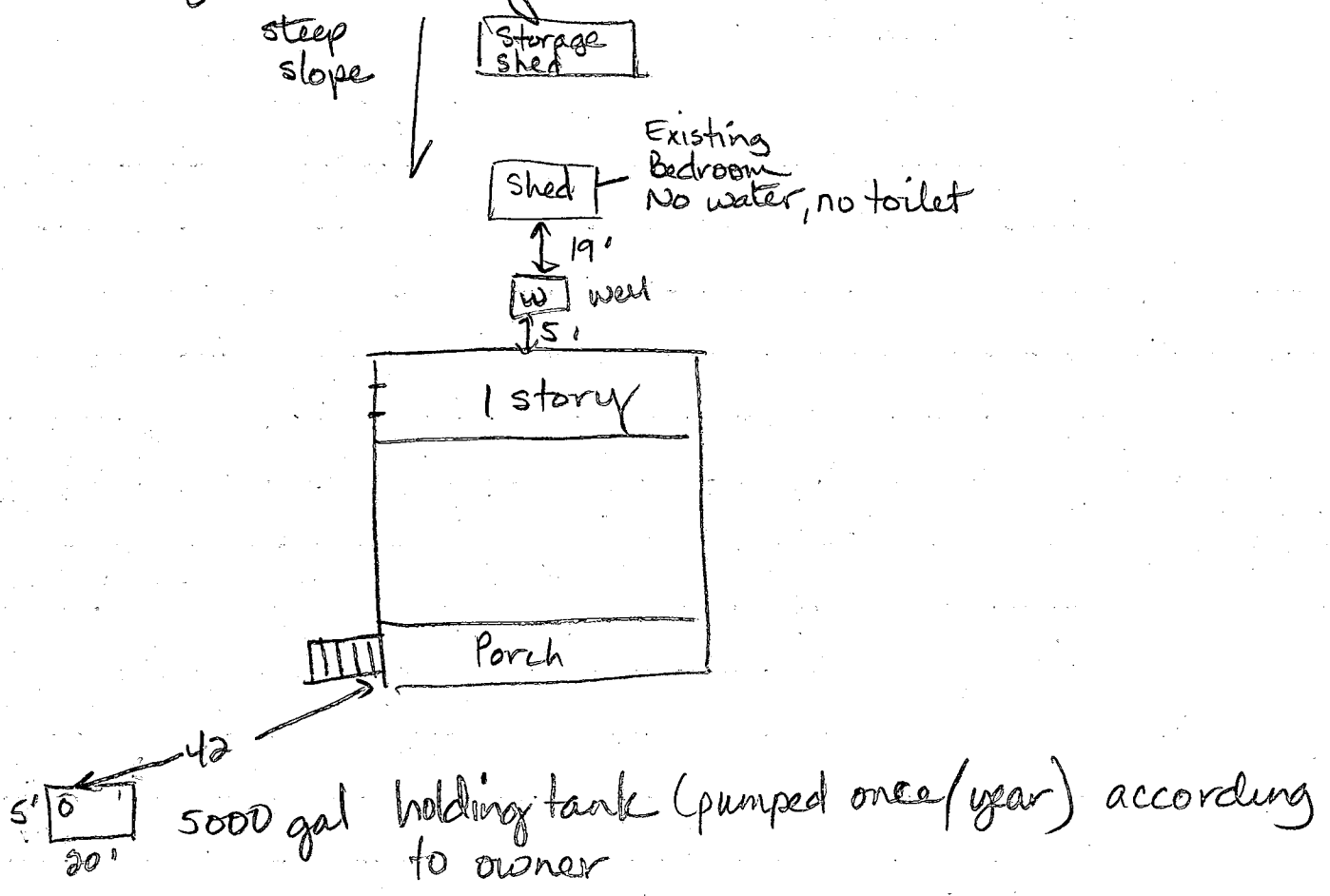
stream



# 15781 Colson Property

Existing well is cased but set in a pit 4 ft deep. No cap over casing, just bricks on top of well with line running into casing. Box sits above grade to keep rain out. Well about 50 ft deep.

Want to extend addition over top of well w/ cantilever opening facing toward back of building.



Holding tank catches sink water. No shower or bathtub in home.

8-27-90

		Pre-wet		1st inch		2nd inch	Min/Sec
A	4.0 S	3:05:20	3:07:40	3:07:40	3:12:00	4:20	
	6.5' M	3:08:00	3:08:45	3:08:45	3:12:40	3:55	
	12.0 D	Bottom	(No structure apparent)			ok	
B	3.0 V	(Rocky at 2.0 ft)				Fail	
C	6.0 V	(Rocky at 4.0 ft)				fail	
D	10.0 V	(Rocky at 4.5 ft, slight structure)				Marginal	

$$\begin{array}{r} 125 \\ 3 \\ \hline 4 \overline{) 375} \\ \underline{94} \end{array}$$

Recommend: Inlet 1.0 ft, Bottom 2.5 ft,  
4 ft wide trench, 65 ft long  
 $\bar{x} = 4$  minutes 180 sq ft/barn

Add 1000 to 1500 gal septic tank uphill of holding tank, using holding tank as additional area. JEN 8-27-90

Perc tests 8-27-90 JENadeau

(A)

- 0-1.0 Br s c l  
 1.0-4.0 Br s c l, trace of rock fragments < 10%  
 4.0-12.0 Br mica ss s l, some rock fragments  
 < 35%  
 12.0 Bottom ok

(B)

- 0-2.0 Br s c l  
 2.0-3.0 Br sa s l, large rock frags < 85% (phyllite/  
 slate)  
 3.0 Bottom (not refusal but very rocky)

(C)

- 0-1.0 Br s c l  
 1.0-4.0 Br mica sa s l, some rock fragments, < 10%  
 4.0-6.0 Br sa s l, large rock frags < 80% (phyllite/  
 shale)  
 6.0 Bottom (refusal)

(D)

- 0-1.0 Br s c l, roots  
 1.0-4.5 Br mica sa s l, some rock fragments,  
 4.5-10.0 Gray-br s l, broken rock pieces, < 40%, slight struct  
 10.0 Bottom (Rocky, not refusal) No mottles observed

Har Morn

P # 46278

8-27-90

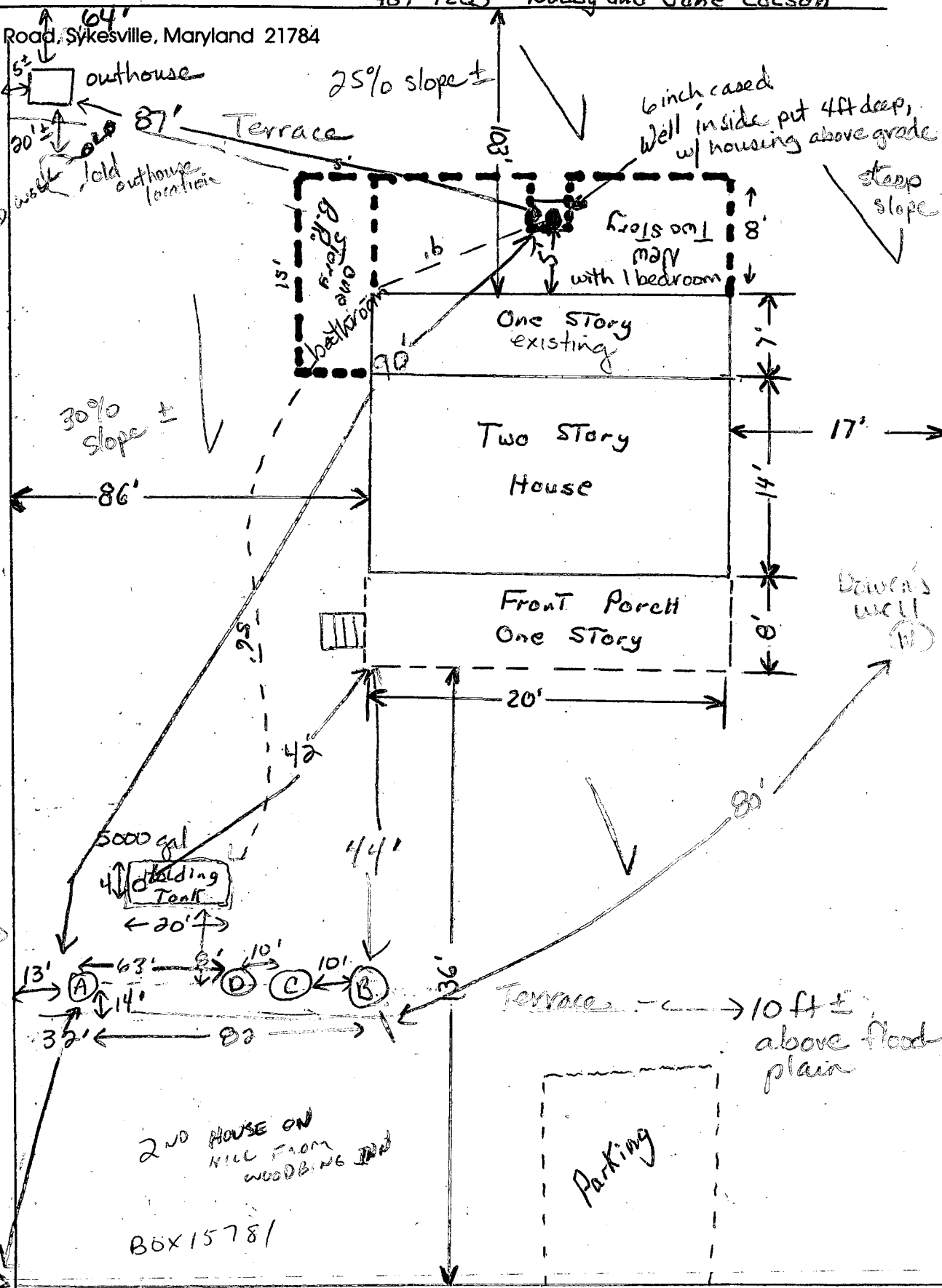
JENadeau

Bill

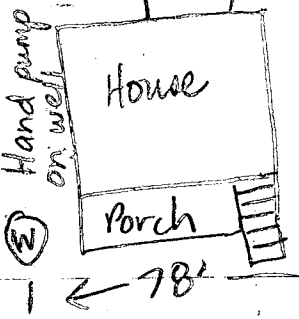
of W.F.A. Contractors

489-7233 Buddy and Jane Colson

1610 W. Old Liberty Road, Sykesville, Maryland 21784  
(301) 875-4232



PROPOSAL IS FOR 3 BEDROOMS



WOODBINE MORGAN Road

Buddy & Lane Colson  
15701 Morgan / Woodbine Rd

12-26-90

Septic repair

W.F.A. Contractors  
1610 West Old Liberty Rd  
Sykesville, MD 21784

301-875-4232

Bill Anderson  
General Contractor

States tank was installed several years (4) ago. Metal 4000 gallon tank, no baffles. Inlet pipe is 1 1/2 inch from house to service sink gray water. ~~No~~ Cleanout at grade exists.

Metal tank is round. It will have a baffle at outlet end.



COLSON 15781 MORGAN WOODBINE RD

9/4/90

C. Waller

MET AT SITE W/ OWNER; BUILDER (D. MACKLE IN TRAINING)

EXAMINED WELL IN PIT, RECENT REPLACEMENT JET PUMP

ADVISED OWNER TO UPGRADE TO ABOVE GROUND CASING,

IF NOT NOW BECAUSE OF RECENT INVESTMENT (NEW PUMP),

AT LEAST SOMETIME IN FUTURE

AGREED TO ACCEPT PROPOSAL UP TO, BUT NOT OVER OR AROUND,  
EDGE OF WELL HOUSE PROVIDED THAT:

- ① SITE DISTANCE WAIVER REQUESTED BY PROPERTY OWNER
- ② ADDITION INVOLVES SLAB BUT NOT FOUNDATION;  
SLAB PREFERABLE TO CRAWL SPACE BECAUSE  
EXISTING BROKEN CONCRETE BETWEEN PORCH  
AND WELL HOUSE ALLOWS FOR INFILTRATION OF  
CONTAMINANTS; FRESH Poured SLAB WOULD BE IMPROVEMENT
- ③ ADDITION MUST BE FOR NECESSARY LIVING SPACE  
TO ACCOMMODATE FAMILY, NOT "OPTIONAL" UPGRADE  
(3 BDRM MAX. TOTAL)
- ④ RELOCATION OF WELL DEEMED NOT PRACTICAL  
DUE TO STEEP TERRAIN, RISK OF PLY HOLE  
ON HILLSIDE
- ⑤ SEPTIC SYSTEM INSTALLATION REQUIRED,  
RESTRICTED REPAIR AREA LIKEWISE  
LIMITS SIZE OF APPROVABLE ADDITION  
TO MINIMUM LIVABILITY STANDARDS (3 BR MAX)  
NO DETERMINATION AT THIS TIME WHETHER OR NOT
- ⑥ 2 YR OLD 5000 GAL STEEL HOLDING TANK ~~(EXIST)~~  
(INSTALLED WITHOUT PERMIT) CAN BE USED AS  
SEPTIC TANK. MATERIAL, Baffles, CLEANOUT PORT  
ALL NEED INSP PRIOR TO FINAL DETERMINATION.

COLSON

15781 MORGAN-WOODBINE

8/3/90

C. Walker

8/3/90 DISCUSSED WITH BUILDER (ANDERSON)

• AGREED THAT BUILDING AROUND THE WELL WOULD NOT BE ACCEPTABLE

• BUILDING UP TO THE WELL NOT DESIREABLE, BUT ...  
SECOND SITE INSPECTION, COMPARISON OF CIRCUMSTANCE TO ADJACENT PROPERTY WHERE ADDITION IS BUILT CLOSE TO WELL.

• BATHROOM ADDITION ACCEPTABLE IN ANY CIRCUMSTANCE

• AVAILABLE SEPTIC CAPACITY IS LIMITING TO ADDITIONAL LIVING SPACE.

— IF SECOND SITE INSPECTION DETERMINES THAT SEPTIC SYSTEM CAN BE INSTALLED, UP TO 3 BEDROOMS TOTAL CAN BE APPROVED; FOURTH BEDROOM DEFINITELY EXCEEDS SEPTIC CAPACITY

— IF SITE CONDITIONS PROHIBIT INSTALLATION OF SEPTIC SYSTEM, THEN ONLY BATHROOM CAN BE APPROVED AS PER HOLDING TANK POLICY

\* ONE POSSIBLE REMEDY TO ALL THESE CONCERNS IS TO ABANDON WELL AND RELOCATE WELL UPHILL, BUT STEEP SLOPE AND COST APPEAR PROHIBITIVE.

To Mr. Craig Williams

We Being the Homeowners Mr.  
and Mrs. Buddy Colson located at 15781  
Woodbine Morgan Road. We are asking  
for a Waiver, in order to install an  
addition close to our original Well

The addition size will be a  
two story 12' By 20'. It will be  
constructed on a concrete slab in  
order to preserve the earth close to  
the well. The current distance  
to the well from the house is  
5'. Thank you very much for  
your help

Buddy  
Howard Colson  
Barbara J. Colson  
489-7233.

