

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE July 17, 1981

10/8/81 FILE APPROVED
P 31494 C.B.D.

A 24988

7/24/81
7/28/81
10/8/81 - A.M.

INDEX

Paul R. Barnes

IS PERMITTED TO INSTALL X ALTER

ADDRESS 4600 Mumcaster Mill Rd., Norbeck, Maryland

PHONE 924-3948

SUBDIVISION Ritz Estates

ROAD N.E. Corner Beetz Rd,

LOT 1 Blk. A

PROPERTY OWNER -WWGL Associates

(Doug Castner)

ADDRESS 4300 Gelston Dr. Balto, Md. 21229

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN FACING LOT FROM

TRENCH: To be 3 ft. wide, inlet to be 3 ft. below original grade and effective absorbant areaffrom 5 1/2 - 6 1/2 only. Maximum depth of trenches to be 6 1/2 below original grade. A minimum of 150 sq. ft. effective absorbant bottom area per bedroom needed. Trenches can not exceed 100 ft. in length. Distribution box to be used if more than 1 trench used. Two inspection of trenches required before and after stone installed. If more than 1 trench, used - need to have a 15 ft. distance between trenches, center to center ~~run~~ trenches on contour. On level ground. LOCATION

Start trenches at point 50 ft. from front property line and 100 ft. down front line from right

PLANS APPROVED BY front corner point when facing lot from Moss DATE Meadow Way. Run trench with contour of land. (Plans Approved by F.F., D.W.M. & C.B.S. 2/16/79)

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH. **LDG. PERMIT SIGNED**

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

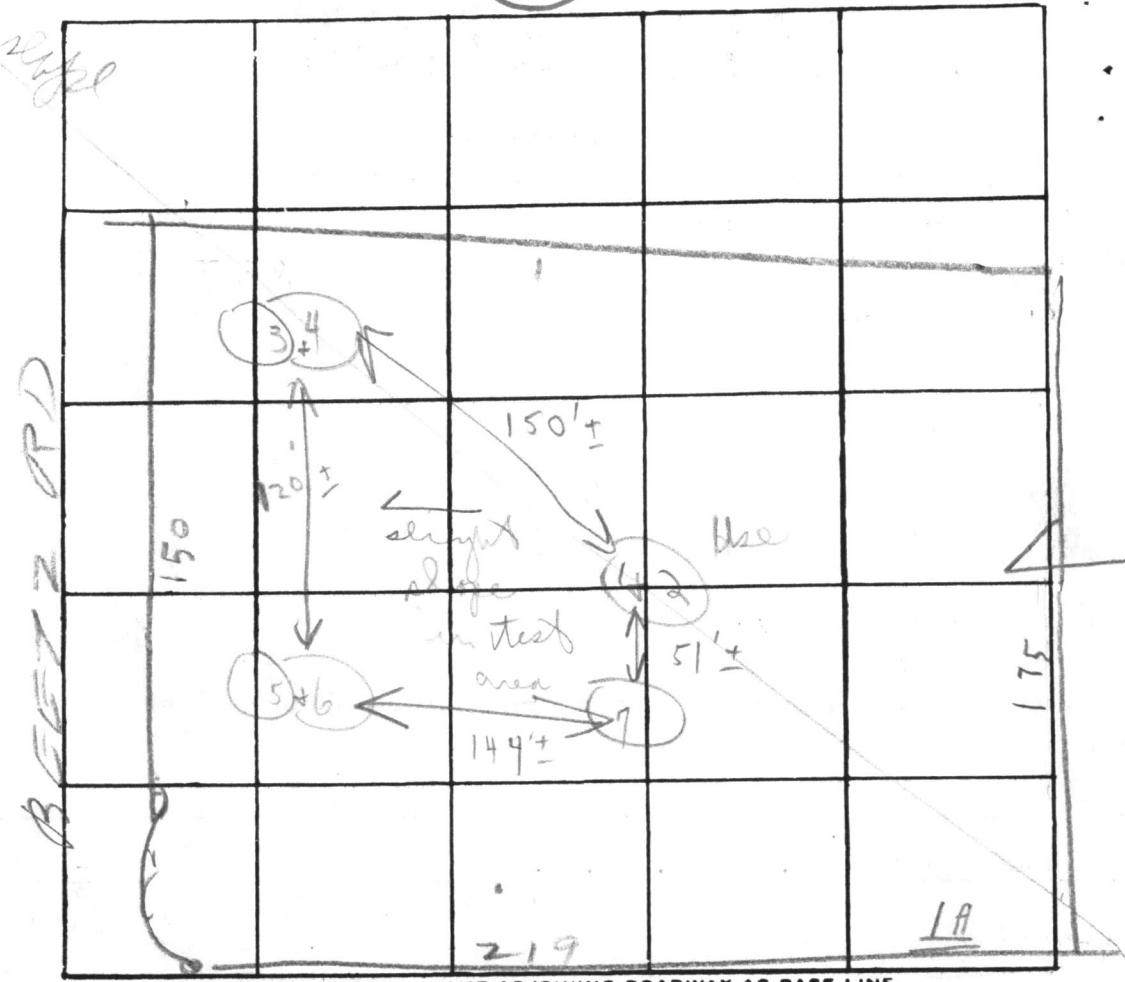
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

AND RETURNED 7/31/81
for S.F.O. # 47009

249988

(1A)



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

MOSS MEADOW WAY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/27/77	1	6'	3:09	3:14	3:14	3:25	11m
	2	13'	3:10	3:12	3:12	3:15	3m
	3	5 1/2'	2:18	2:25	2:25	2:40	15m
	4	13'	2:18	2:35	2:35	2:50	15m
	5	5 1/2'	2:45	2:52	2:52	3:06	14m
	6	13 1/2'	2:45	2:49	2:49	3:02	13m
	7	12 1/2'	Visual		sunken to 142		

REMARKS: High grass Machine repair til 3:45

TYPE OF SOIL: _____

TESTED BY: CBA ALSO PRESENT: Edward crew

Sand Prof
5' more
to 10m
thru weath
clay
below

Inlet 4'
M Depth
18
5 1/2 - 6' }
good starts }

OK

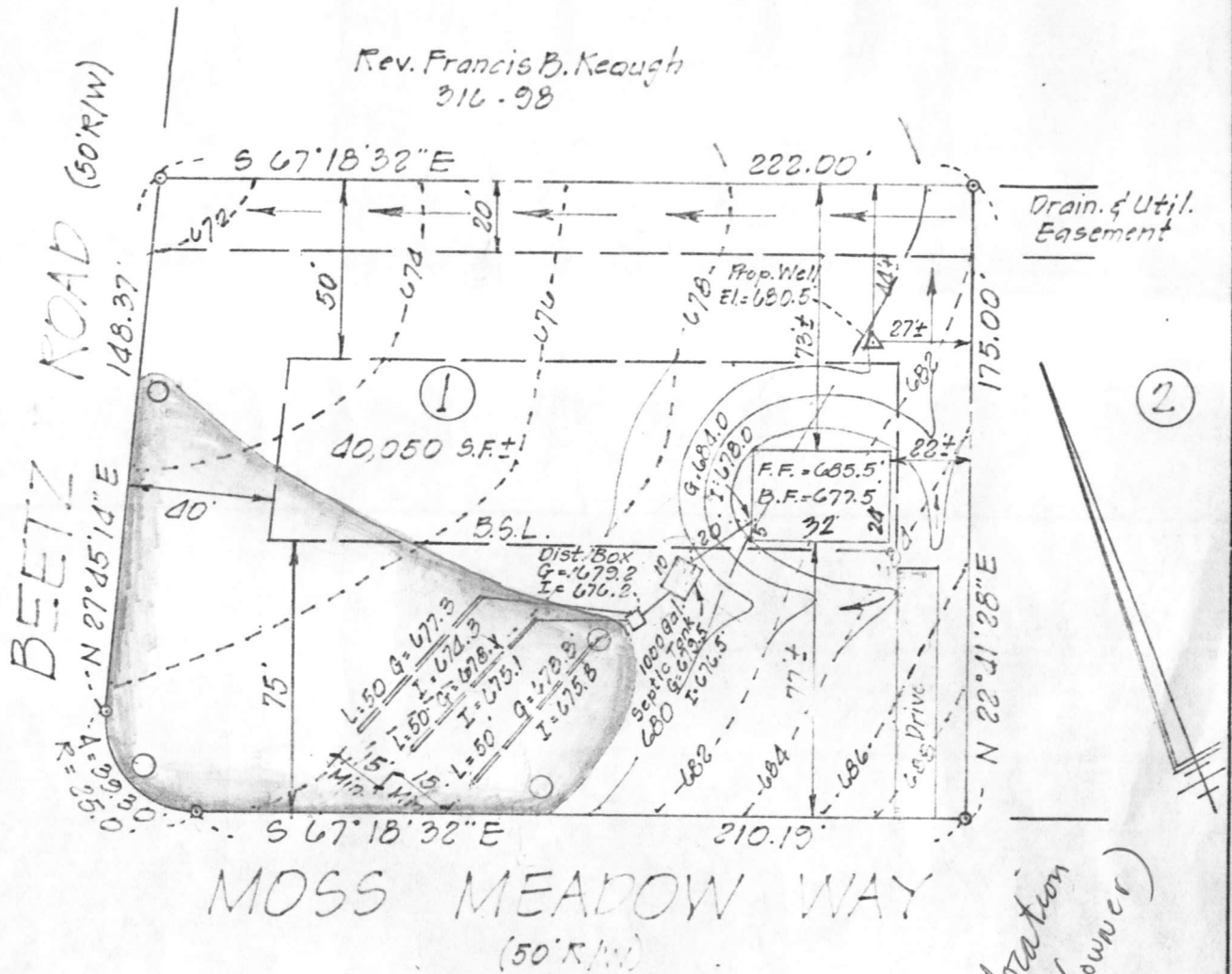
1A

EDWIN J. KIRBY AND ASSOCIATES

PROFESSIONAL LAND SURVEYORS

22 NORTH COURT STREET
WESTMINSTER, MARYLAND 21157
(301) 848-2821

P.O. BOX 278
MILLERSVILLE, MARYLAND 21108
(301) 987-1100



I certify the above measurements and elevations are actual and correct for this property.

Doug Castner
946-3427
Kensington, Md.

This well location
D. Castner (owner)
6/24/81

Site Plan
Lot 1 - Block A
"RITZ ESTATES"
District 4 - Howard Co., Md.
Scale: 1" = 50' Date: 8-29-80
Rev:

7/7/81
Well site O.K.
P. S.
Paul Barnes (Sept. c installer)
~~924-9348~~
~~now 924-3948~~
963-2626

C1 8113 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 24988

Date Received (WRA use only)

DATE WELL COMPLETED July 15, 1981

Depth of Well

180 (TO NEAREST FOOT)

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

110-73-3929

OWNER Castner last name Moss Meadow Way first name

STREET OR RFD TOWN Poplar Springs

SUBDIVISION Ritz Estates SECTION A LOT 1

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

Brown shale 0 48

Blue Rock 48 180

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y no N

TYPE OF GROUTING MATERIAL CEMENT C M BENTONITE CLAY B C

NO. OF BAGS 14 NO. OF POUNDS 1314

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 43 ft.

CASING RECORD

ST CO PL OT STEEL CONCRETE PLASTIC OTHER

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

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

SCREEN RECORD

ST BR HO PL OT STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.)

110 50 180

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 8

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL (distance from land surface) BEFORE PUMPING 50

WHEN PUMPING 120

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 APPROPRIATE BOX) YES Y NO N

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

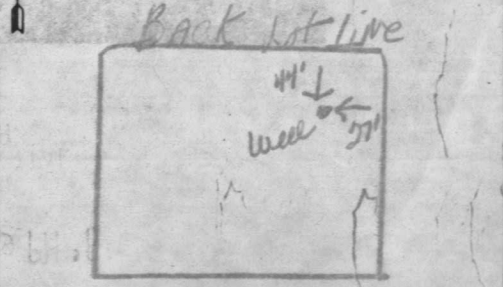
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below (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)



- 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS IDENT. NO. 238

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
MD CITY TOWNSHIP

JUL 28 9 07 AM '81

OWNER: *Customer*
STREET OR R.F.D. NO.: *Rt 100*
TOWN: *Poplar Springs*

SECTION: *A*

WELL LOG: *Blue Rock No. 18*

STATE THE KIND OF FORMATIONS
THICKNESS AND HEAVY BEARING

DEPTH OF GROUT SEAL (feet) *10*

TYPE OF GROUTING MATERIAL: *CEMENT GROUT*

NO. OF BAGS: *14*

GALLONS OF WATER: *20*

TYPE OF PUMP: *ST*

TYPE OF CASING: *STEEL*

OTHER CASING (if used):

SCREEN RECORD: *ST BR HO*

DEPTH (feet): *180*

LAND SURFACE: *above*

LOCATION OF WELLS ON LOT:

SHOW PERMANENT STRUCTURES SUCH AS
BUILDING SETBACK LINES AND/OR
LANDMARKS AND INDICATE NOT LESS
THAN TWO DIAGONAL
MEASUREMENTS TO WELL

GRAVEL PACK: *HEALTH ENVIRONMENTAL DIVISION OF*

IF WELL DRILLED WAS ENVIRONMENTAL

DRILLER'S SIGNATURE: *[Signature]*

DATE OF COMPLETION: *JUL 28 12 29 PM '81*

RECEIVED: *HEALTH DEPT. HOWARD COUNTY*

TELEPHONE: *[Blank]*

INDICATOR: *[Blank]*

WELL LOG: *[Blank]*

WELL LOG: *[Blank]*

WELL LOG: *[Blank]*

WELL LOG: *[Blank]*

WELL LOG: *[Blank]*

WELL LOG: *[Blank]*

BEETZ

ROAD

DEDICATED TO HOWARD COUNTY, MARYLAND, PLAT 3879, RITZ ESTATES.

N 22° 14' 54" E - 148.37'

1

S 72° 48' 52" E -

298.0'

20' DRAINAGE & UTILITY EASEMENT

LOT 14 53,350 sq ft

Well

175.00'

381.14'

LOT

R 25° 39' 30"

4

MOSS

N 72° 48' 52" W -

MEADOW

B.R.L.

BUILDING RESTRICTION

1

LINE

1 STORY FRAME ABOVE

BLOCK

B.R.L.

S 17° 11' 08" W -

30'

30'

B.R.L.

3

B.R.L.

Proposed 2nd Floor

2/3

DIVEWAY

Proposed Garage

BLOCK 'B' RITZ ESTATES PLAT 3879

DATA

NOTE: ALL DIMENSIONS TO BE DECORATED 2

JOHN WANSLEY OWM

EXISTING 1ST FLOOR

29'7"

MASTER
BEDROOM

NO CHANGE
IN USE

MASTER
BATH
NO CHANGE

MAIN
BATH
NO CHANGE

BEDROOM # 2
NEW USE WILL
BE A LIBRARY

REMOVE CLOSET

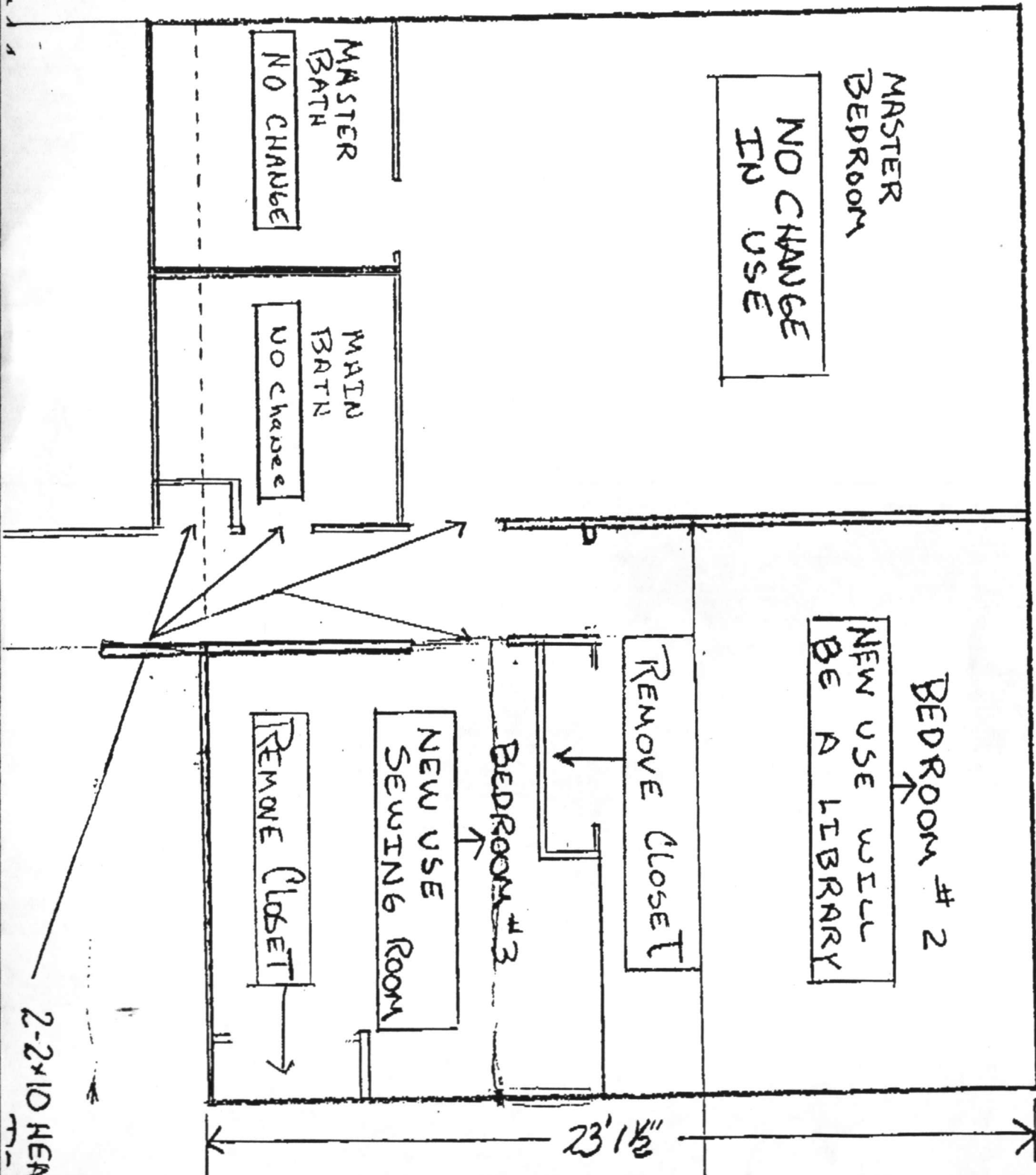
BEDROOM # 3

NEW USE
SEWING ROOM

REMOVE CLOSET

23'1/2"

2-2x10 HEADERS



PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49615
A 24988
A REPAIR

DISTRICT 4th

DATE 09/15/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XX51-1933~~ 313-2640

DATE SYSTEM APPROVED _____

INSPECTOR _____

D & S Quality Home Improvement/Doug Castner IS PERMITTED TO INSTALL _____ ALTER

ADDRESS 17012 Moss Meadow Way, Mt. Airy, Maryland 21771 PHONE 301-854-6477

SUBDIVISION Ritz Estates LOT 1 BLK. A ROAD 17012 Moss Meadow Way

PROPERTY OWNER Doug Castner

ADDRESS 17012 Moss Meadow Way
Mt. Airy, Maryland 21771

SEPTIC TANK CAPACITY _____ GALLONS

NUMBER OF BEDROOMS _____

_____ SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED _____

REPAIR - PURPOSE - IN SUPPORT OF BUILDING PERMIT APPLICATION No. 50299
Call for inspection when ground is opened so sanitarian can recommend repair.

INSTALL 1 - 50-60' trench. Depth and width of trench determined in field.

PLANS APPROVED BY Mark Rifkin DATE 9/15/93

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

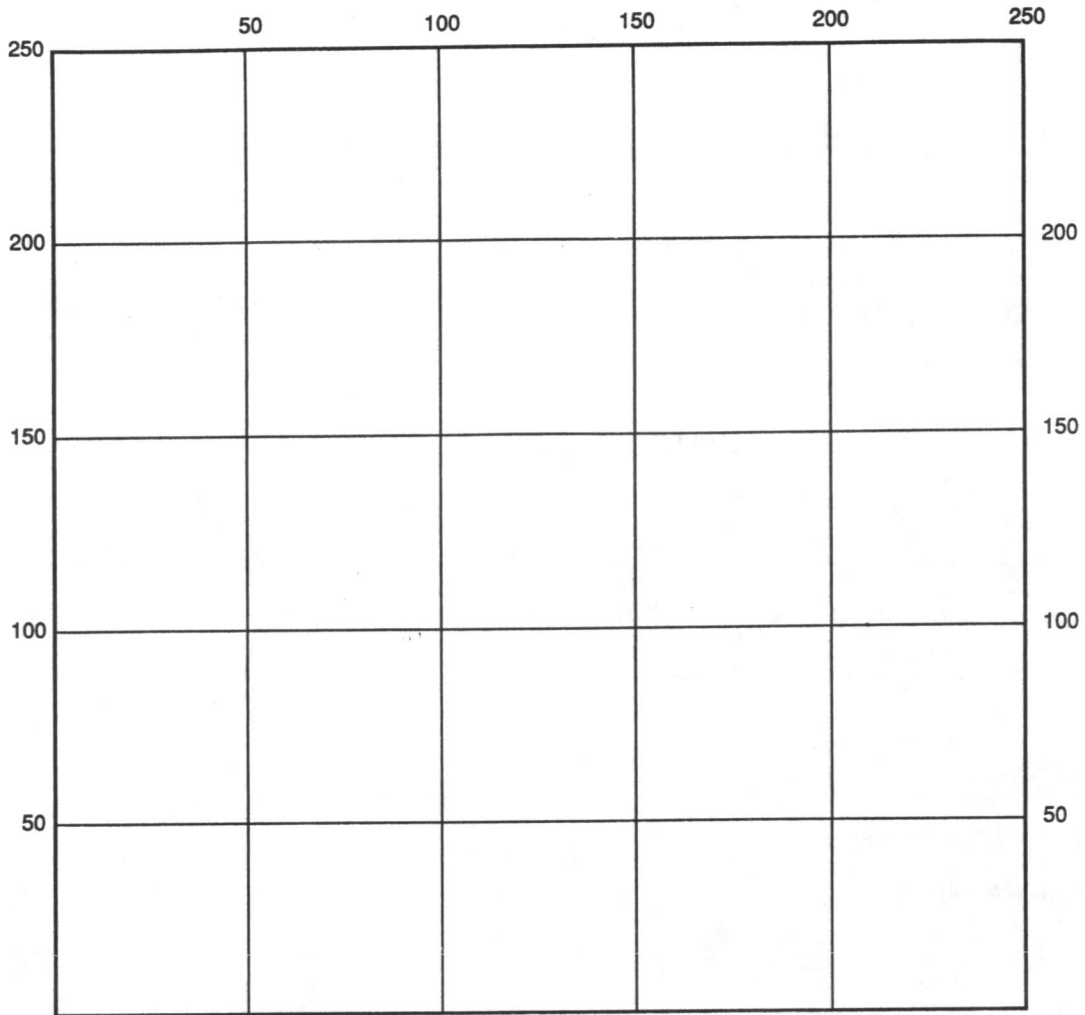
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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 _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH _____ FT. TOTAL LENGTH _____ FT.

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: _____

DATE SYSTEM APPROVED _____ INSPECTOR _____