

9/15/92 Early AM 9:30-10

03-314146 PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEX - TIME EXPIRED FOR F.C.O.P.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

COMPLIANCE
5/19/92 C. Williams
INDEXED

P 48474
A 40592
DISTRICT 6th
DATE 9/2/92
DATE SYSTEM APPROVED 9/15/92
INSPECTOR R. Kelly

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER
ADDRESS 558R Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670
SUBDIVISION Roscommon Estates LOT 16 ROAD 3213 Rosway Court
PROPERTY OWNER Roscommon Estates, Inc. Paul + Pamela Kirby
ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS
NUMBER OF BEDROOMS 4
210 SQUARE FEET PER BEDROOM

210
4
3 | 840
280

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 3 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Start first trench 130 feet from the front lot line and 130 feet from the right lot line. Run trenches along 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 8/19/92 RIZ

PLANS APPROVED BY C. Williams/Mark Rifkin REVISED _____ DATE 10/17/88
7/06/92

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.

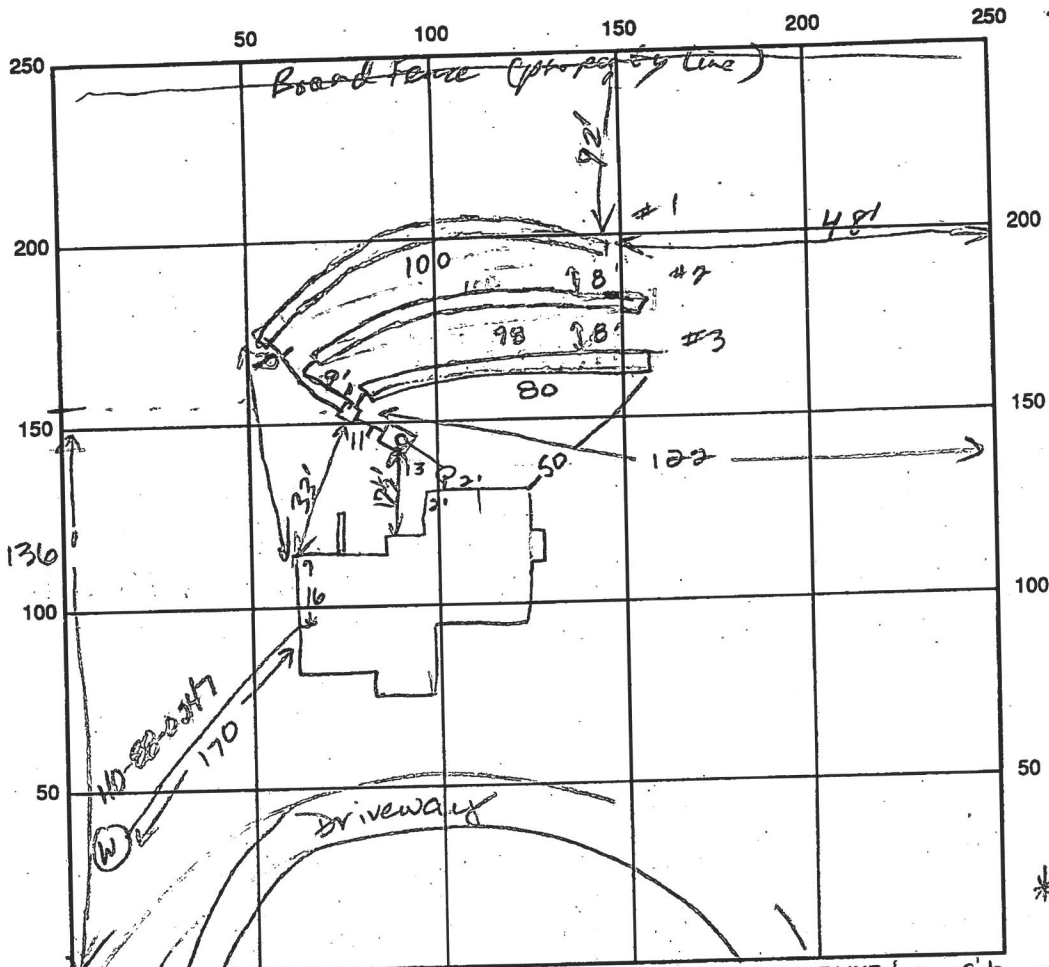
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 40592



Approximate Lot Line INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Rosway Court

SEPTIC TANK LEVEL 136.0 CLEANOUTS 1 on 5 Tank

DISTRIBUTION BOX LEVEL 136.0 w/ baffles 100 *(check outlets for uniform elevations)

DRAIN FIELD TITLE DEPTH 6.5 / 6.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 3.5 FT. TOTAL LENGTH 160 / 98 / 80 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 290 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 9-11-92 OK to stone trenches. Add pipe & paper to each. JEN

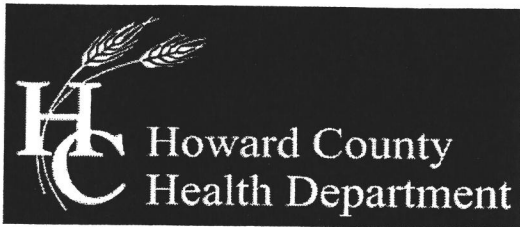
9-11-92 OK to cover trench #3. JEN 3rd trench OK to cover

still need to level outlets in Dist. box (one is 3/4" above other two - Dial a flow

is bent and will not function as intended.) - call for reinspection HP 9/14/92

OK to cover HP 9/15/92

DATE SYSTEM APPROVED 9/15/92 INSPECTOR Paul R. Kelly



Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 3213 Rosway Ct.

Subdivision: Roscommon Estates Lot: 16

Initial system: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6
1st Replacement: Application rate: 1.2 Effective area beginning depth: 4 Bottom maximum depth: 6
2nd Replacement: Application rate: 0.8 Effective area beginning depth: 5 Bottom maximum depth: 6

Design Flow = 150 gallons per day per bedroom
Design flow ÷ application rate = square footage of drainfield required
Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

(W + 2) / (W + 1 + 2D) x 100 = Percent of length of standard trench where W=trench width and D= depth between effective area beginning depth and trench bottom.

Standard design requirements:

- Trenches must be located to provide room for 3 systems in the disposal area
All trenches must be equal length unless low pressure dosed
All trenches must be on contour
Tank and trenches must be placed as shallow as possible while maintaining 2% fall in pipe from house and at least 18" cover over trenches. If 2% fall from house is not possible, the minimum allowable fall is 1%.
Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
Maximum trench length is 100'
Maximum pipe depth is 4'

Additional requirements: Pump existing septic tank dry and abandon after new system approved.
Replace existing septic tank and trenches
Floor plans for whole house required to determine bedroom count. Submit floor plan to Health Department.

Approved: R Bricker Date: 12/9/2019