

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

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

RECEIPT DATE: 4/2/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 562943

INSTALLATION APPROVAL DATE: 5/30/2018 (e) **PERMIT** A _____
TANK REPLACEMENT * Upgrade

PROPERTY ADDRESS: 14788 Carriage Mill Road

SUBDIVISION: Carriage Mill Farms LOT: 38 TAX ID: 04-361954

CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670

PROPERTY OWNER: Joe Gregory EMAIL: _____

OWNER ADDRESS: 14788 Carriage Mill Road, Woodbine, MD 21797 PHONE: _____

BAT UNIT MODEL: _____ PUMP SIZE: N/A PUMP TANK CAPACITY: N/A

NUMBER OF BEDROOMS: 5 SEPTIC TANK SIZE: 1500g DRAINFIELD SIZE/TYPE: N/A

LOCATION:	<u>Install New 1500g S.T. per plan.</u>
NOTES:	

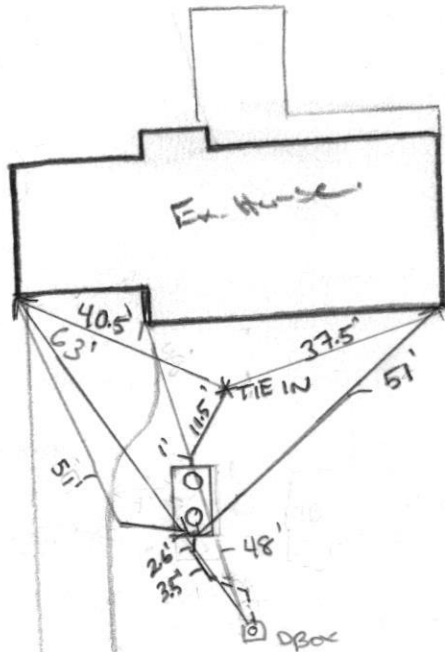
ISSUED BY: K. Wolf ISSUE DATE: 4/4/18 EXPIRATION DATE: 4/4/19

- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM.

NOT TO SCALE

1" = 30'



ROAD NAME

TRENCH/DRAINFIELD DATA *EXISTING*

WIDTH 3 INLET 36-4 1/2 BOTTOM 56-6 1/2 *1999*
 NUMBER OF TRENCHES 3
 TOTAL LENGTH 280'
 ABSORPTION AREA 840 ft'
 DISTRIBUTION BOX LEVEL NO
 DISTRIBUTION BOX BAFFLE DN1
 DISTRIBUTION BOX PORT MARKED w/P.P.C

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL
 MANUFACTURER Babylon
 CAPACITY 1500 GAL
 SEAM LOC TOP
 TANK LID DEPTH 21 1/2 - 18 1/2
 BAFFLES YES
 BAFFLE FILTER NO
 MANHOLE LOC FRONT/BACK
 6" PORT LOC Inlet
 WATERTIGHT TEST N/A
 SLOTTED YES
 DATE ON LID 4-20-2018

PUMP/SEPTIC TANK LEVEL

MANUFACTURER _____
 CAPACITY _____ GAL
 SEAM LOC _____
 TANK LID DEPTH _____
 BAFFLES _____
 BAFFLE FILTER _____
 MANHOLE LOC _____
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED _____
 DATE ON LID _____

PRE-CONSTRUCTION:

5/21/2018 PROPOSED ALTERNATE TANK LOC TO PREVENT DAMAGE TO TREE. ALTERNATE ST WOULD BE TB (P)

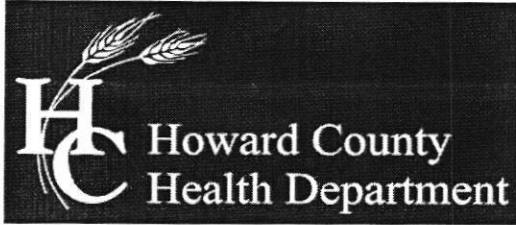
INSTALLATION:

5/30/2018 Contractor went with original plan. ST installed. All sewage lines are Solvent welded PVC (SCH 40) Existing tank was pumped, collapsed and filled with clean fill. Approved for backfill. (P)

FINAL INSPECTOR

DATE OF APPROVAL

05/30/2018



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SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: 14788 Carriage Mill Rd

Subdivision: Carriage Mill Farms Lot:

Initial system: Application rate: 0.8 Effective area beginning depth: 4.5 Bottom maximum depth: 6
1st Replacement: Application rate: 0.8 Effective area beginning depth: 4.5 Bottom maximum depth: 8
2nd Replacement: Application rate: 0.8 Effective area beginning depth: 4.5 Bottom maximum depth: 8

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
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:

3' wide trench

Approved: Hank Oswald Date: 3/14/18