

LAYOUT 11/28/11 INSP 4 1/4/12 INSP 7 1/18/12
INSP 2 12/13/11 Comprehensive INSP 5 1/9/12 INSP 8 1/20/12
INSP 3 1/3/12 INSP 6 1/10/12 INSP 9 1/27/12

ISSUE DATE: 1/16/11

PERMIT

P 5360310

APPROVAL DATE: 1/30/12

A 535970

Tax ID # 1405395968

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

South Carroll Backhoe Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 4410 Salem Bottom Rd Westminster MD 21157 PHONE NUMBER: 443-596-8618

SUBDIVISION: Fox Hall Villas LOT NUMBER: 3

ADDRESS: 13331 Triadelphia Mill Road PROPERTY OWNER: Sayed Hassan

SEPTIC TANK CAPACITY (GALLONS): 2750 2000 OUTLET BAFFLE FILTER REQUIRED ☒

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 10 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: >3,500 * old system to be abandoned.

LINEAR FEET OF TRENCH REQUIRED: 412' 400' 4x100'

TRENCHES:	Trenches to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below grade. Effective area begins at 5 feet below original grade. 4 feet of stone below distribution pipe.
LOCATION:	Utilize both existing trenches. Add observation ports to the ends of the existing trenches. Install an additional 262' linear feet of trench (3 x 87' trenches). Replace existing tank per location on drawing.
NOTES:	Do not order the septic tank until after layout inspection and Sanitarian approval. Stake easement corners. Call for layout inspection. Mark utilities. Gravel tickets must be available for Environmental Sanitarians. Stone must be approved by HCHD. A written variance request is required for tanks deeper than 3 feet. A traffic bearing lid is required for tanks deeper than 4 feet.

PLANS APPROVED: HS + DBx2 DATE: 10/4/2011

NOTE: PERMIT VOID AFTER 2 YEARS

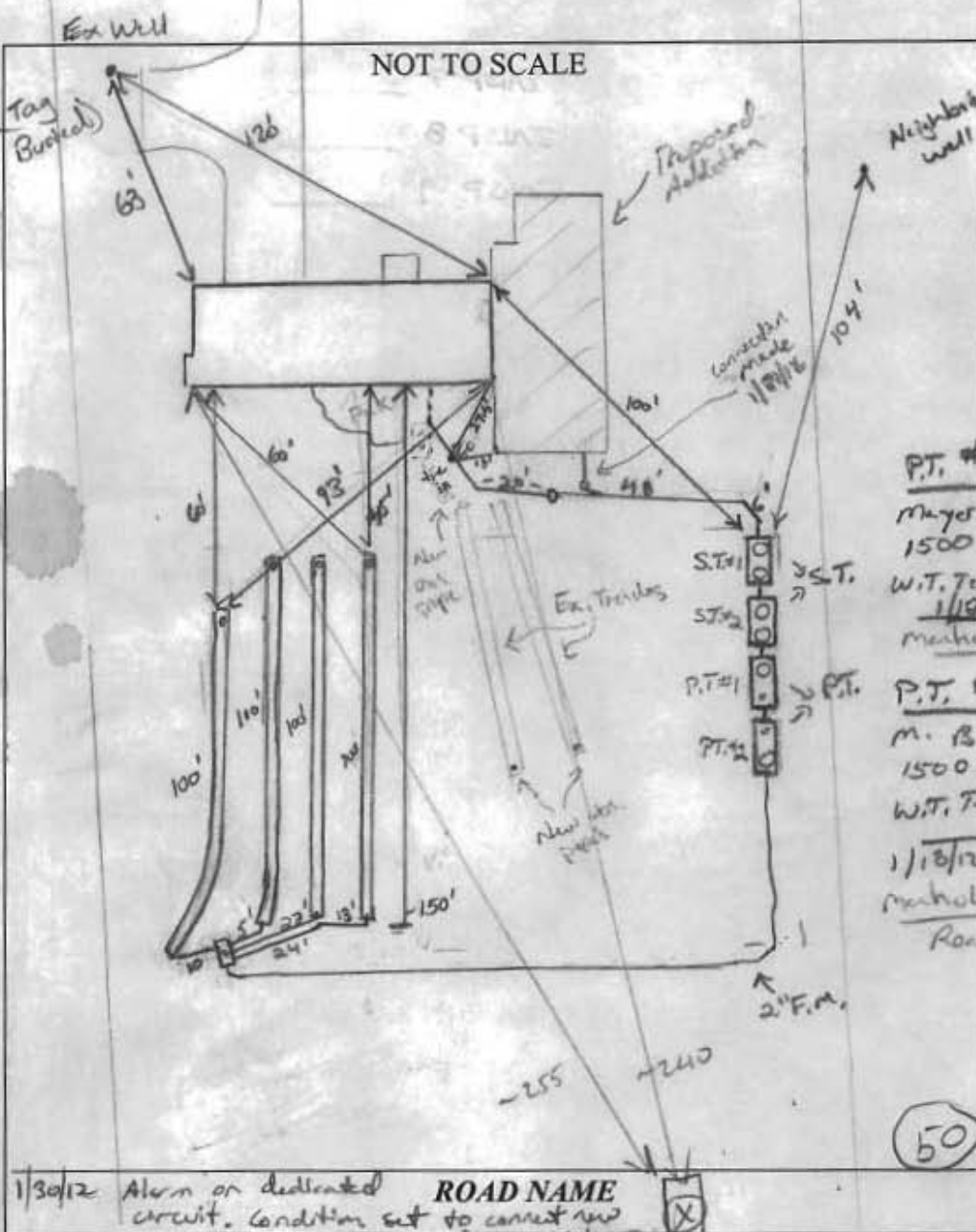
NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR 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**



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES		
4		
TOTAL LENGTH		
400'		
ABSORPTION AREA		
800' + SW		
DISTRIBUTION BOX LEVEL		
Yes		
DISTRIBUTION BOX BAFFLE		
90° bend		
DISTRIBUTION BOX PORT		
Yes		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	1-13-12 OK
SLOTTED	no
DATE ON LID	8-28-11
SEPTIC TANK 2 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Rear
6" PORT LOC	none
WATERTIGHT TEST	1/20/12 OK
SLOTTED	no
DATE ON LID	8-28-11

P.T. #1
Major Box
1500 S.C.
W.T. Test
1/19/12 OK
manhole Ford
P.T. #2
M. Box
1500 S.C.
W.T. Test
1/13/12 OK
manhole Road

1/30/12 Alarm on dedicated circuit. Condition set to connect via ROAD NAME X

PRE-CONSTRUCTION:

1/28/11 Site visit made w/ contractor to expose system components. Both trenches found. See side plan. Top trench failing (taking all the water). Lower trench should be OK. stone looked good. May need to have tanks placed along lower edge of SRA next to pump line. Max to follow when septic plan comes in pen

INSTALLATION:

12/13/11 (Correspondence) met w/ Builder to go over review of septic plan design. 1/3/12 met w/ contractor on-site to discuss trench layout and tank placement. Tree's will have to be cut down to fit tanks. 1/4/12 Tank holes dug where shown. Setting S.T. (Babylon) now. No trenches complete. 1/8/12 All tanks set. Contractor sealing tanks (outlets, inlets) to fill w/ H₂O for test. Top trench completed. 1/9/12 A-luck issues. Contractor having hard time seating gasket for Pump tanks. 1/10/12 on-site for leak testing of S.T.s. Leaking from seam on S.T. #2. To be repaired by Babylon. 1/18/12 Watertight test from S.T. #1 OK. Watertight test on Pump tanks 3,4 OK. 2 trenches complete. 1/30/12

FINAL INSPECTOR

K. Vally

DATE OF APPROVAL

1/30/12

1/30/12 System complete. Watertight test on S.T. #2 OK. Pump line vent OK to backfill. Need P/A test for final approval. 1/27/12 Pump test OK. Alarm not on system.



HOWARD COUNTY HEALTH DEPARTMENT

36036

DATE 11 / 11 / 2011

Received From

South Carroll Backhoe Inc.

PHONE #

410-596-7411

☐ CASH

☒ CHECK

NO.

For

Supplc Permt - 13331 Trunkline Hill Road

000009/11

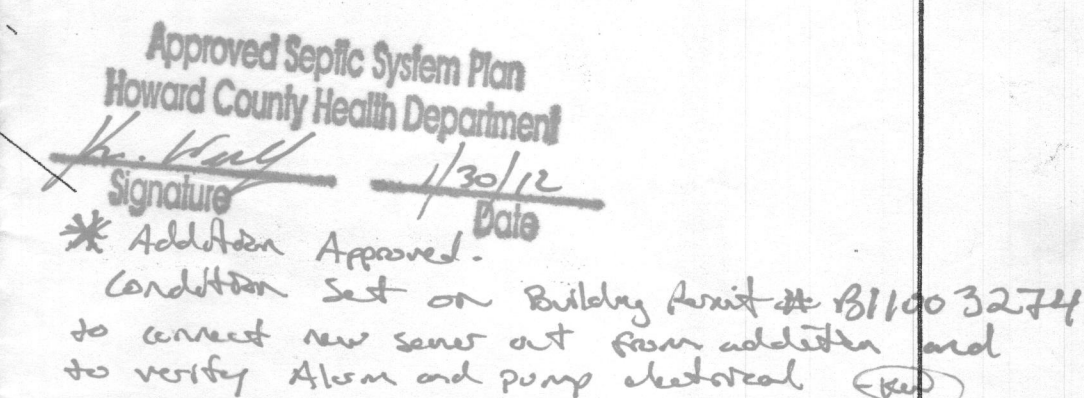
Three hundred ninety six 00 Dollars

\$

396.00

Received By

J. L. A. (signature)



- 1) TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY RTF ASSOCIATES, INC. 10-04-2009 AND IS BASED ON ASSUMED DATUM
- 2) ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100 FEET OF PROPERTY BOUNDARIES ARE SHOWN HEREON.
- 3) ALL EXISTING AND PROPOSED WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL SYSTEMS THAT ARE LOCATED WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS ARE SHOWN HEREON.
- 4) ANY CHANGES TO A PRIVATE SEWERAGE EASEMENT SHALL REQUIRE A REVISED PERC CERTIFICATION PLAN.

5)  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECDORATION OF A REVISED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

*The purpose of this plan is for the proposed 2-story addition

SEPTIC SYSTEM DESIGN PLAN
for
73331 TRIADELPHIA MILL ROAD

EXISTING LOT OF RECORD
PERC CERTIFICATION PLAN
AND
SKETCH OF PROPOSED ADDITION
LOT 3
FOXHALL VILLAS
SECTION ONE
RECORDED AS PLAT NO. 6014
TAX MAP 34 GRID 3 PARCEL 395

Wes Westcott
White Wave Buil. Co.
443-250-7042

SCALE: 1" = 50' R.T.F. JOB # 09-58

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK
PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF

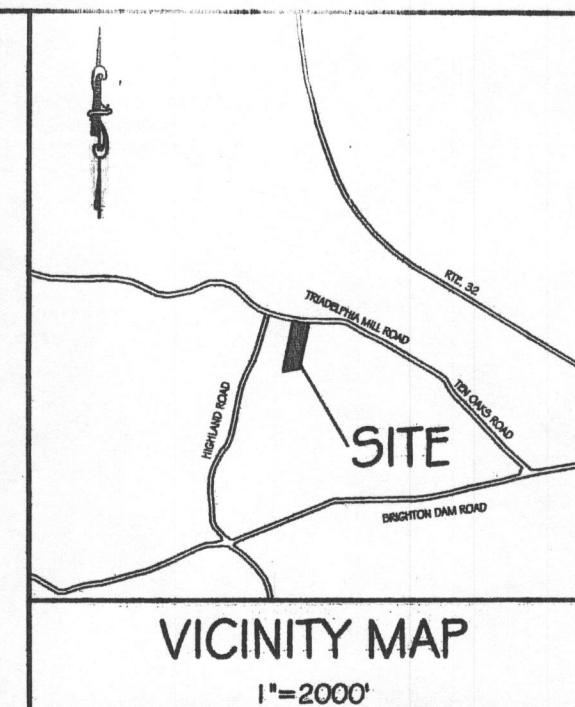
JOHN E. LEMMERMAN

REGISTERED PROFESSIONAL LAND SURVEYOR NO. 21096

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS

HOWARD COUNTY HEALTH OFFICER

[illegible]



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- 6) THE SEPTIC SYSTEM SHALL BE UPGRADED PRIOR TO BUILDING PERMIT APPROVAL

RTF ASSOCIATES, INC.

PROFESSIONAL LAND SURVEYORS & PLANNERS

142 EAST MAIN STREET
WESTMINSTER, MD 21157

410-848-2040 FAX# 410-840-8387 410-876-1222

CHECKED BY: *[Signature]* DATE: 08-20-2008 10/4/11

DRAWN BY: M.D.J. DATE: 11-10-09 10/4/11

SCALE: 1" = 50' R.T.F. JOB # 09-58

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

[Signature]
JOHN E. LEMMERMAN WES WESTCOAT

REGISTERED PROFESSIONAL LAND SURVEYOR NO. 21086

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS.

[Signature] 10/12/11
HOWARD COUNTY HEALTH OFFICER HS 9w 1708

REVISIONS		DEVELOPER
DATE	REASON	
		MERSON MANAGEMENT & CONSULTING, LLC C/O QUINTON MERSON 1004 CHAPEL ROAD NEW WINDSOR, MD 21776 443-974-8603

(13331 Triadelphia Mill Rd)

EXISTING LOT OF RECORD
PERC CERTIFICATION PLAN
AND

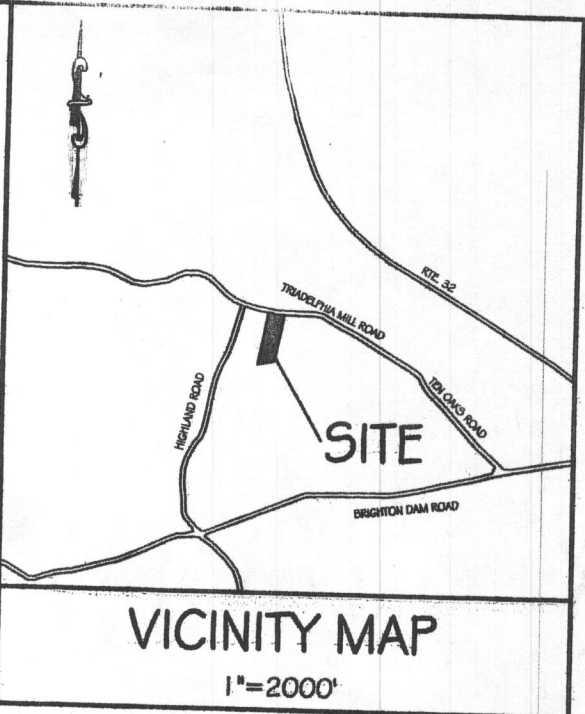
SKETCH OF PROPOSED ADDITION
LOT 3

FOXHALL VILLAS

SECTION ONE
RECORDED AS PLAT NO. 6014

TAX MAP 34 GRID 3 PARCEL 395

Approved Septic System Plan
Howard County Health Department
Signature 10-12-11
Date



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Entire subject property
is within Soil Map Unit
GgB.

RTF ASSOCIATES, INC.

PROFESSIONAL LAND SURVEYORS & PLANNERS

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Signature
JOHN E. LEMMERMAN
REGISTERED PROFESSIONAL LAND SURVEYOR NO. 21096

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.

HOWARD COUNTY HEALTH OFFICER

REVISIONS		DEVELOPER
DATE	REASON	
		MERSON MANAGEMENT & CONSULTING, LLC C/O QUINTON MERSON 1004 CHAPEL ROAD NEW WINDSOR, MD 21776 443-974-8603

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