



Howard County
Health Department

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: 3/29/16

ONSITE SEWAGE DISPOSAL SYSTEM

P 558054-B

APPROVAL DATE: 8/16/16 *(KRW)*

PERMIT:

CONSTRUCTION

A _____

PROPERTY ADDRESS: 2011 Terrapin Creek Road

SUBDIVISION: Terrapin Creek

LOT: 3

TAX ID: 03-596026

CONTRACTOR: WTC Contractors

EMAIL: _____

CONTRACTOR ADDRESS: 3033 Salem Bottom Road, Westminster, MD 21157

PHONE: 443-458-7024

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:



MDE



MANUFACTURER: _____

PROPERTY OWNER: LDG Inc.

EMAIL: _____

OWNER ADDRESS: 8601 Georgia Avenue, Silver Spring, MD 20110

PHONE: 301-585-7000

BAT UNIT MODEL: Norweco TNTLP-500

PUMP SIZE: _____

PUMP TANK CAPACITY: _____

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 12/18/15

DATE RECORDED: 12/18/15

DISTRIBUTION SYSTEM:



GRAVITY



PRESSURE DOSED

BEDROOMS: 4

APPLICATION RATE: 1.2

TRENCHES:

LINEAR FEET REQUIRED: 70 110'

INLET DEPTH: 3.5'

TRENCH WIDTH: 3' 2'

MAXIMUM BOTTOM DEPTH: 7' ✓

MINIMUM SPACE

BETWEEN TRENCHES: 10

EFFECTIVE AREA BEGINNING DEPTH: 3' 4'

LOCATION:

PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.

NOTES:

** use 2' wide (Deep trench) with 1/4" @ 4-7 (44)*

ISSUED BY: Hank Oswald

ISSUE DATE: _____

EXPIRATION DATE: _____

NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING

NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

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

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

NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM



ELECTRICAL PERMIT ISSUED

E

16001024

NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

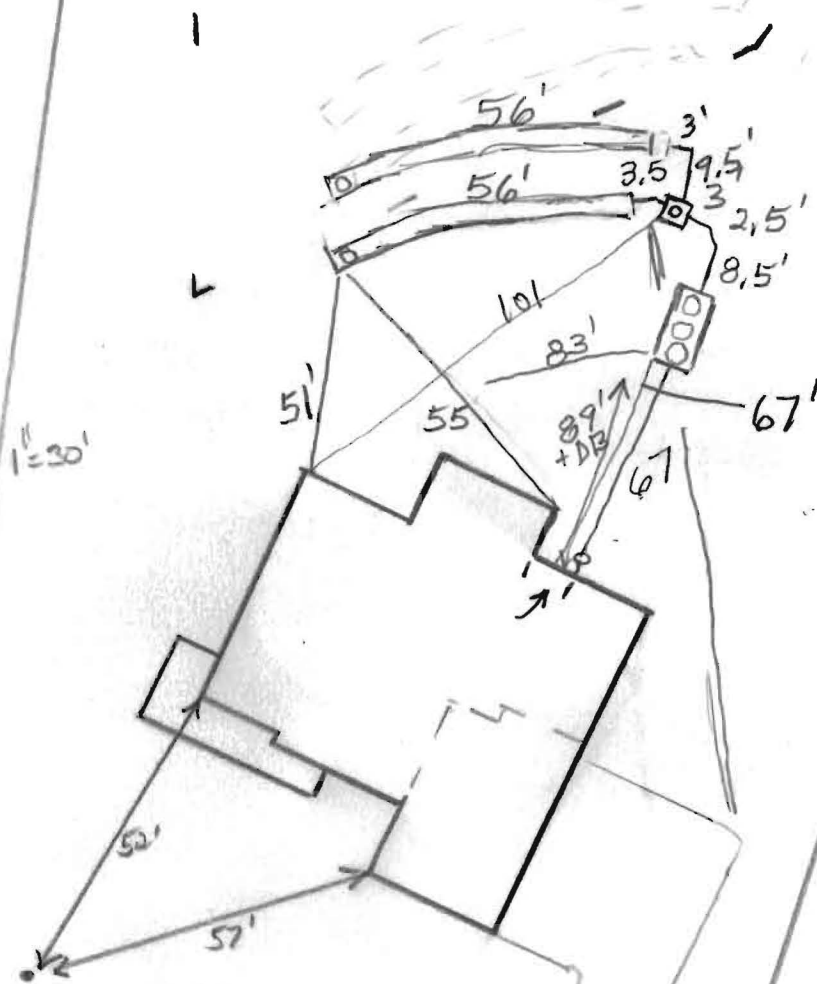
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

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 TO SCHEDULE INSPECTIONS.

NOT TO SCALE



H0-95-1103

ROAD NAME

PRE-CONSTRUCTION:

4/27/16 Specs adjusted for deep trench system. BAT location stated. OK to turn tank if needed. Install 2x52' trenches on contour running back towards house. Trenches have slight bend. Call for Insp. (RM)

INSTALLATION: 4/29/2016

7/27/16 BAT startup certification received. (SC) 8/4/16 - BAT Startup ok. Alarm working; aerator on-off on, no grading issues and all cleanouts look good. (RP)

FINAL INSPECTOR

R.R.

DATE OF APPROVAL

7/27/16

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM
2 3.5' 7'

NUMBER OF TRENCHES 2

TOTAL LENGTH

ABSORPTION AREA

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

MANUFACTURER Norweco/Babylon

CAPACITY 1300 GAL

SEAM LOC Top

TANK LID DEPTH 0.5'

BAFFLES No

BAFFLE FILTER N/A

MANHOLE LOC Front/Middle/Rear

6" PORT LOC None

WATERTIGHT TEST No

SLOTTED N/A

DATE ON LID 2/25/2016

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER

CAPACITY GAL

SEAM LOC

TANK LID DEPTH

BAFFLES

BAFFLE FILTER

MANHOLE LOC

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification


This is to certify that the Norweco Singulair TNT 600 GPD Septic Tank installed at 2011 Terrapin Creek Rd., Sykesville, MD 21784 on April 28, 2016 was installed according to the manufacture's specifications.

Installer: Walter Coon

Property Owner: Sudip Patel

Permit #

**THIS CERTIFICATION IS FOR INSTALLATION
ONLY. THE 5-YEAR OPERATIONS &
MAINTENANCE AGREEMENT FROM DATE OF
INSTALLATION WILL ONLY GO INTO EFFECT
AFTER BACK RIVER PRE-CAST, LLC RECEIVES
FINAL AND FULL PAYMENT FOR THE SYSTEM.**



MATTHEW GECKLE
Vice-President

Oswald, Hank

From: Pam Walter <PWalter@catonsvillehomes.com>
Sent: Tuesday, December 15, 2015 1:57 PM
To: Oswald, Hank
Subject: RE: 2011 Terrapin Creek Road_Plan Review Comment

Hank,

The basement is not finished. We do a 3-piece rough-in in all of our homes.

We are aware....

Thanks!

Pam Walter

Catonsville Homes, LLC
11175 Stratfield Court
Marriottsville, MD 21104
410-442-2211 x 202
410-442-2215 Fax
pwalter@catonsvillehomes.com

From: Oswald, Hank [<mailto:hoswald@howardcountymd.gov>]
Sent: Tuesday, December 15, 2015 1:49 PM
To: Pam Walter
Subject: 2011 Terrapin Creek Road_Plan Review Comment

Hi Pam:

Re: 2011 Terrapin Creek

The BAT Plan has been sized for 4 bedrooms (BR's). The 1st and 2nd floor plan shows a total of 4 BR's. Is the basement finished? From what I can tell, it's showing a Full Bath (FB) rough-in with the potential for more BR's? If it isn't finished and the owner decides to finish it with another bedroom (BR) in the future, then the septic system will have to be upgraded prior to building permit (BP) approval.

Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

Oswald, Hank

From: Oswald, Hank
Sent: Tuesday, December 15, 2015 1:49 PM
To: ron@vanmar.com
Subject: 2011 Terrapin Creek Road_Terrapin Creek Lot 3_BAT Plan

Hi Ron:

The BAT Plan for the above referenced site is properly sized for 4 BR's but I just wanted to point out that the bottom of the trench could go to 8 feet (instead of 7 feet) according to the septic specs. This would allow for more sidewall credit and a shorter trench length.

If you wish to resubmit, let me know otherwise I am going to sign off on this plan.

Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
410.313.2648 (Fax)

N 05°47'05" W
179.97'

N 33°58'14" E
127.09'

30' B.R.L.

560

S 67°20'52" W
309.98'

1st REPLACEMENT
@ 70'
T-1 70'

DIST. BOX
12'-4" PVC @ 2.0%
NORWECO SINGULAR-TNT 500
BAT TANK

S 77°35'58" W

LOT 3
45,044 S.F.
1.03 Ac.±

LOT 4
TERRAPIN CREEK
PLAT No. 22662

LOT 2
TERRAPIN CREEK
PLAT No. 22662

BLOWER &
ALARM PANEL

F.F. 582.00
B. 572.00

GAR

579.80
579.86

50' B.R.L.

EX. WELL
H095-1103

ALT. WELL

PUBLIC 10' DRAINAGE & TREE
MAINTENANCE EASEMENT

L=108.72'
R=382.00'

PROP. DRIVEWAY

ALT. WELL

16.88'
S 03°30'51"

N 03°3'

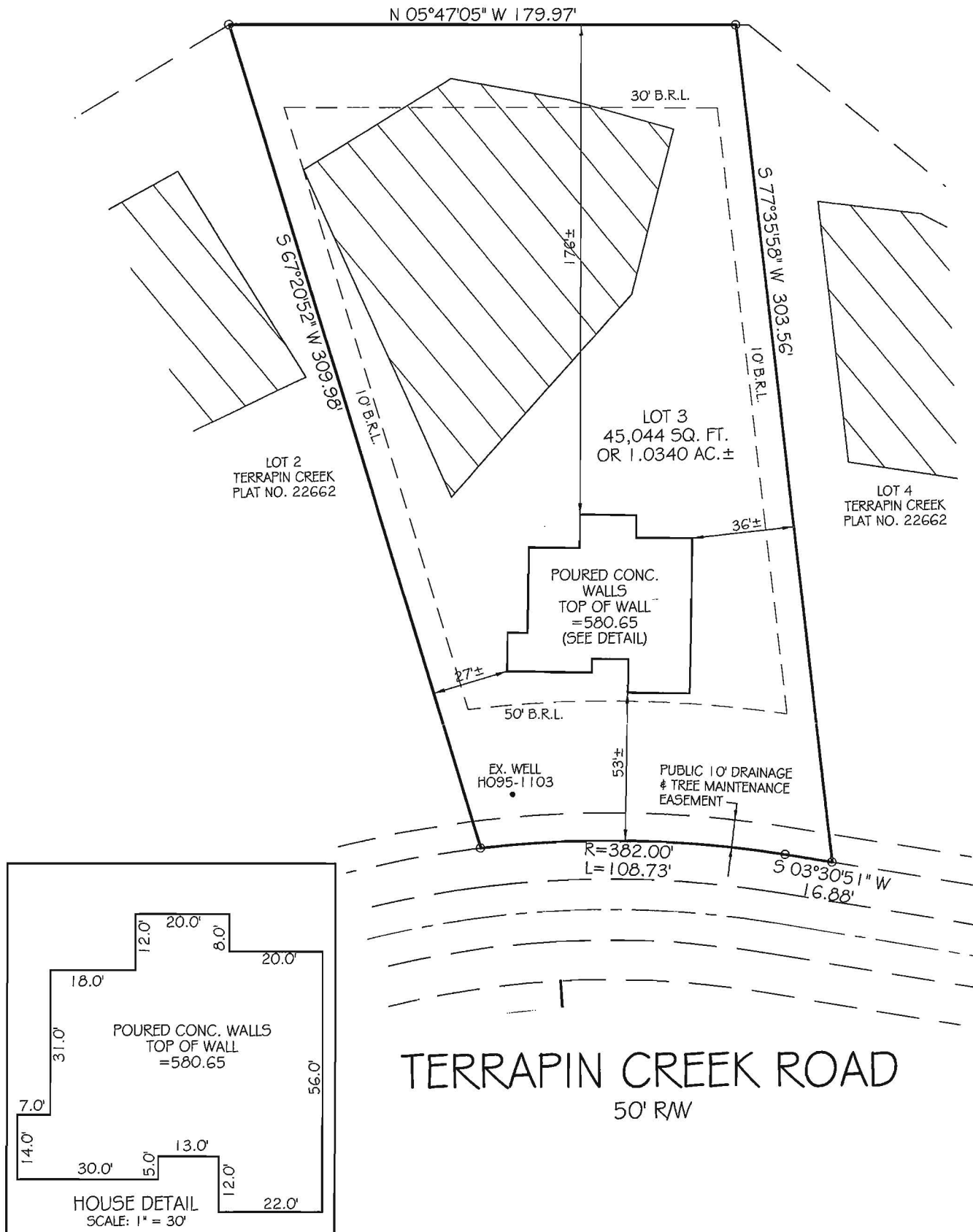
TERRAPIN CREEK ROAD

50' R/W

LOT 3
2011 TERRAPIN CREEK ROAD

- 1) FOUNDATION AND FOOTINGS ARE IN PLACE AS SHOWN HEREON.
- 2) BUILDING TIES ARE $\pm 0.5'$ UNLESS OTHERWISE NOTED.
- 3) TOP OF WALL = 580.65

N 05°47'05" W 179.97'



I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21266, EXPIRATION DATE SEPTEMBER 9, 2017, IN ACCORDANCE WITH COMAR 09.13.06.12.

For VanMar Associates, Inc.
T. Michael VanSant, Prof. Emeritus

I CERTIFY THIS PLAT TO BE CORRECTED AS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA OBTAINED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

SCALE: 1" = 50' FEBRUARY, 2016

REFERENCE
PLAT NO. 22662

JOB NO.
B4-5428



VANMAR
ASSOCIATES, INC.
Engineers Surveyors Planners
310 South Main Street Mount Airy, Maryland 21771
(301) 829-2890 (301) 831-5015 (410) 549-2751
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