

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: 12-4-15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 557480

APPROVAL DATE: 3/11/16 SEC **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 727 Woodbine Crossing Road

SUBDIVISION: Woodbine Crossing LOT: 5 TAX ID: _____

CONTRACTOR: WTC Contractors EMAIL: _____

CONTRACTOR ADDRESS: 3033 Salem Bottom Road PHONE: _____

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: LDG Inc EMAIL: _____

OWNER ADDRESS: 8601 Georgia Ave, Silver Spring, MD 20910 PHONE: 301-585-7000

BAT UNIT MODEL: Norweco TNT 500 PUMP SIZE: _____ PUMP TANK CAPACITY: _____

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 6/18/2014 DATE RECORDED: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>139</u>	INLET DEPTH: <u>4</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.5</u>

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

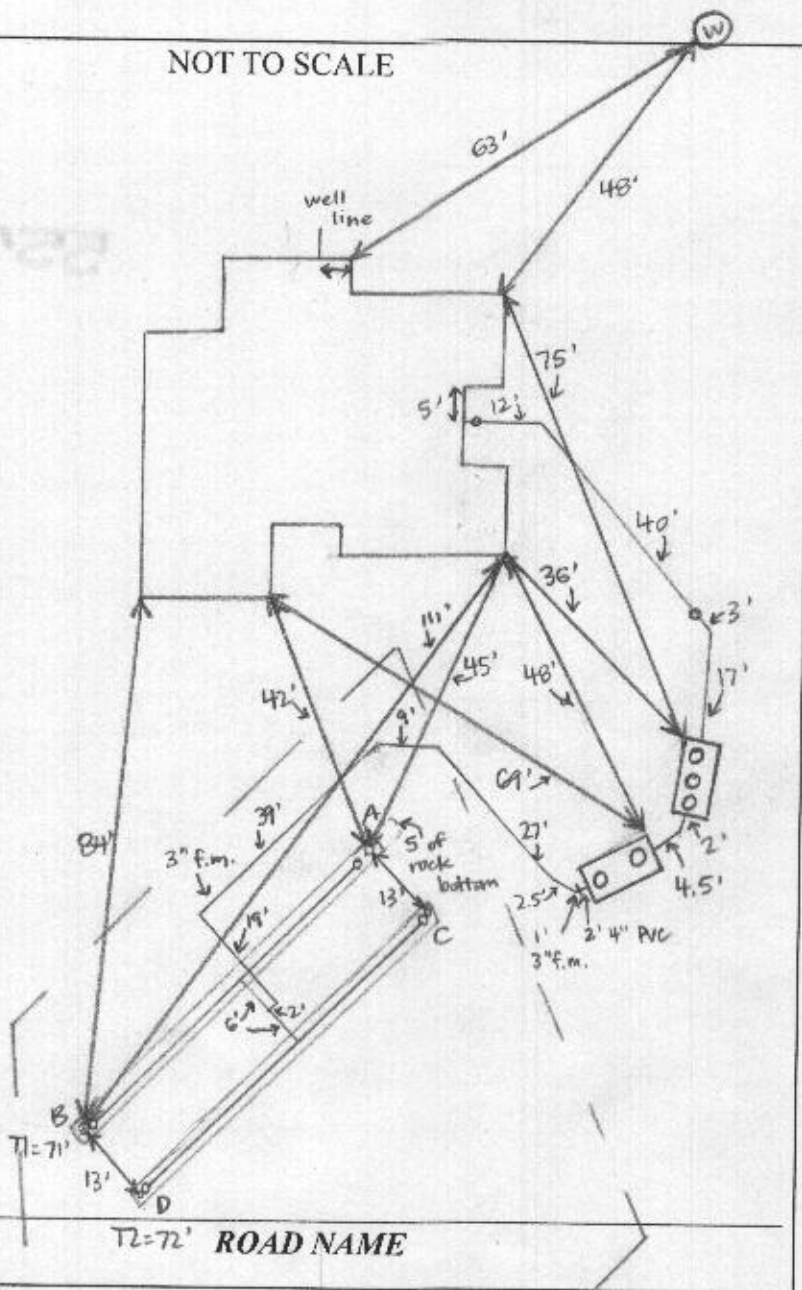
NOTES: Please see LPD design plan for more details
1/3 hp pump

ISSUED BY: Hank Oswald ISSUE DATE: 12/4/2015 EXPIRATION DATE: 12/4/2016

- 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 DOWNGRADIENT 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 E15005809 (KRM)
- 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



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		141'
ABSORPTION AREA		282' + SIDEWALL
DISTRIBUTION BOX LEVEL		---
DISTRIBUTION BOX BAFFLE		---
DISTRIBUTION BOX PORT		---

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	YES
MANUFACTURER	BACKRIVER / NO RWECO
CAPACITY	1300 GAL
SEAM LOC	TDP
TANK LID DEPTH	0.5-1.5'
BAFFLES	NO
BAFFLE FILTER	NONE
MANHOLE LOC	FRONT, MID, REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	11-16-15

PUMP/SEPTIC TANK LEVEL YES

MANUFACTURER	BACKRIVER
CAPACITY	1500 GAL
SEAM LOC	TDP
TANK LID DEPTH	0.5-1'
BAFFLES	YES
BAFFLE FILTER	NONE
MANHOLE LOC	FRONT - REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	11-19-15

Pump: WEP311 M (1/3 hp)

PRE-CONSTRUCTION:

1/6/16 Met WTC on site for layout. One SDA corner stake missing. Pump tank and trenches not staked. Engineer must stake before we can do layout. (SC) 1/7/16 All stakes present. Trenches measure 65' as staked - engineer probably staked laterals. WTC will measure center and mark 35' off either end to dig trenches. Contour within 2" at ends of staked trenches. (SC)

INSTALLATION:

1/8/16 Tanks set and house connection made. Outlet end of Norweco bedded with #2 stone. (SC) 1/11/16 BAT startup certification received. (SC) 1/11/16 On site as WTC begins digging upper trench. Lots of rock at end nearest tank - first 0-5' of trench starts 4' deep. WTC will extend trench 5' and make start after rock pocket. 4' bottom, 4' inlet measured. Using laser to check depth. No major rock the rest of top trench - just some caprolite - bottom 6" of trench. (SC) 1/11/16 WTC digging lower trench. No big rocks hit. 3" force main extended to center feed. (SC) 1/12/16 T2 finished - left open at ends. 3.5' to stone. Need pump + alarm. (SC) 3/11/16 Pump + alarm with WTC. Alarm sounds on separate circuit from pump. Pump pumps to laterals. Head heights: A=64", B=60", C=66", D=64".

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 3/11/16

Norweco alarm works and aerator runs (SC)

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 Singlair TNT 600 GPD Septic Tank installed at 727 Woodbine Crossing Rd., Mt. Airy, MD 21771 January 8, 2016 was installed according to the manufacture's specifications.

Installer: Walter Coon

Property Owner: Catonsville Homes

Permit #



MATTHEW GECKLE

Vice-President



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 Twitter: HowardCoHealthDep

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

**OPERATION AND MAINTENANCE AGREEMENT
 FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM
 HAVING AN ADVANCED PRE-TREATMENT SYSTEM**

000101

THIS AGREEMENT is made this 28 day of May, 2014, among LDG, Inc., hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 727 Woodbine Crossing, Woodbine, MD 21797 (Lot 5), in the 04 Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 1988 Folio 258.

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as

long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.


H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

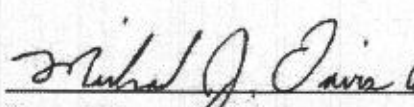
J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Owner Date

 6/9/14

Owner Date
LDG Inc. Bruce Lee

 6/18/14

Howard County Health Department



HOWARD COUNTY HEALTH DEPARTMENT

57480

DATE 12/4/15

P5

Received From

WTC Calligraphy

PHONE #

For

4 permits - 912 Washington Mission

701 23311th Crissin

13511 Mitchell Way, 10105 Ed White Rd

CASH

CHECK

NO. 32

DECEMBER

Dollars

\$

1584 00

Received By

Marian Curry