

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: 5-7-14 **ONSITE SEWAGE DISPOSAL SYSTEM** P SH6351

INSTALLATION APPROVAL DATE: 7/9/14 **PERMIT CONSTRUCTION** A _____

PROPERTY ADDRESS: 12319 Pleasant View Drive

SUBDIVISION: Fulton Manor II LOT: 7 TAX ID: _____

CONTRACTOR: Freedom Septic EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

PROPERTY OWNER: _____ EMAIL: _____

OWNER ADDRESS: _____ PHONE: _____

BAT UNIT MODEL: Norweco BAT UNIT SIZE: TNT500gpd

PUMP CHAMBER CAPACITY (GALLONS): n/a PUMP SIZE: n/a/

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. _____ APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

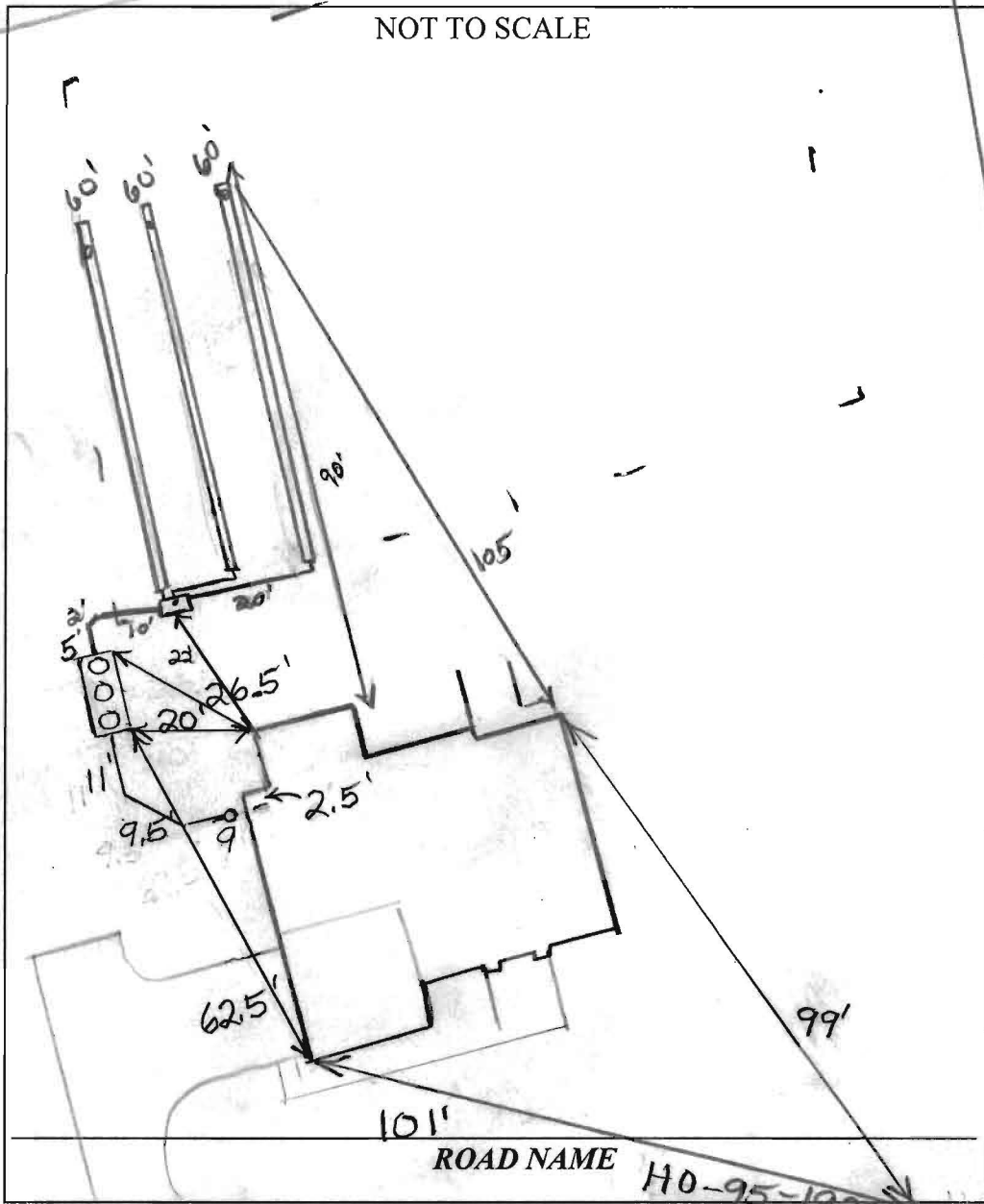
| | | |
|-----------|--|--|
| TRENCHES: | LINEAR FEET REQUIRED: <u>180</u> | INLET DEPTH: <u>3</u> |
| | TRENCH WIDTH: <u>2</u> | MAXIMUM BOTTOM DEPTH: <u>8</u> |
| | MINIMUM SPACE BETWEEN TRENCHES: _____ | EFFECTIVE AREA BEGINNING DEPTH: <u>6</u> |
| LOCATION: | PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION. | |
| NOTES: | | |

ISSUED BY: _____ 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 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

**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 |
| 2' | 3 | 8 |
| NUMBER OF TRENCHES | | 3 |
| TOTAL LENGTH | | 180 |
| ABSORPTION AREA | | 360' x SW |
| DISTRIBUTION BOX LEVEL | | level 2 |
| DISTRIBUTION BOX BAFFLE | | Yes |
| DISTRIBUTION BOX PORT | | Yes |

| SEPTIC TANK DATA | |
|------------------------|---------------------|
| SEPTIC TANK I LEVEL | Yes |
| MANUFACTURER | Norweco |
| CAPACITY | 1300 GAL |
| SEAM LOC | Top |
| TANK LID DEPTH | 1'-2' |
| BAFFLES | No |
| BAFFLE FILTER | No |
| MANHOLE LOC | Front, Middle, Rear |
| 6" PORT LOC | None |
| WATERTIGHT TEST | No |
| SLOTTED | N/A |
| DATE ON LID | Dry |
| PUMP/SEPTIC TANK LEVEL | N/A |
| MANUFACTURER | |
| CAPACITY | |
| SEAM LOC | |
| TANK LID DEPTH | |
| BAFFLES | |
| BAFFLE FILTER | |
| MANHOLE LOC | |
| 6" PORT LOC | |
| WATERTIGHT TEST | |
| SLOTTED | |
| DATE ON LID | |

PRE-CONSTRUCTION:

6/25/14 could not find permits. BAT not staked, looked to be previous structure existed in entire area of SPA. Contours off by 8" Laid out trenches per original perc cut contours and BAT site plan. Install tank as shown. Call for inspection (RW)

INSTALLATION:

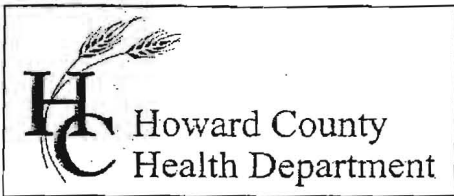
7/2/2014 Need house connection. Tank set. (RB)
 7/7/14 D box set, lower trench installed. Working on middle trench. Checking grades and cuts on trenches looks good. (RW)
 7/8/14 D box leveled. No one on-site. System complete. Last trench must remain unconnected (not back filled) to inspect. Red pipes in dirt to secure them safely. OK to pour. (RW) 7/9/14 BAT startup received.

FINAL INSPECTOR

R. Wolf

DATE OF APPROVAL

7/9/14



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

RECEIPT DATE: _____ **ONSITE SEWAGE DISPOSAL SYSTEM** P _____
 INSTALLATION APPROVAL DATE: _____ **PERMIT** A _____
CONSTRUCTION

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NOT TO SCALE

TRENCH/DRAINFIELD DATA
WIDTH INLET BOTTOM

NUMBER OF TRENCHES _____
TOTAL LENGTH _____
ABSORPTION AREA _____
DISTRIBUTION BOX LEVEL _____
DISTRIBUTION BOX BAFFLE _____
DISTRIBUTION BOX PORT _____

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL _____
MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
BAFFLE FILTER _____
MANHOLE LOC _____
6" PORT LOC _____
WATERTIGHT TEST _____
SLOTTED _____
DATE ON LID _____

PUMP/SEPTIC TANK LEVEL _____
MANUFACTURER _____
CAPACITY _____ GAL
SEAM LOC _____
TANK LID DEPTH _____
BAFFLES _____
BAFFLE FILTER _____
MANHOLE LOC _____
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DATE ON LID _____

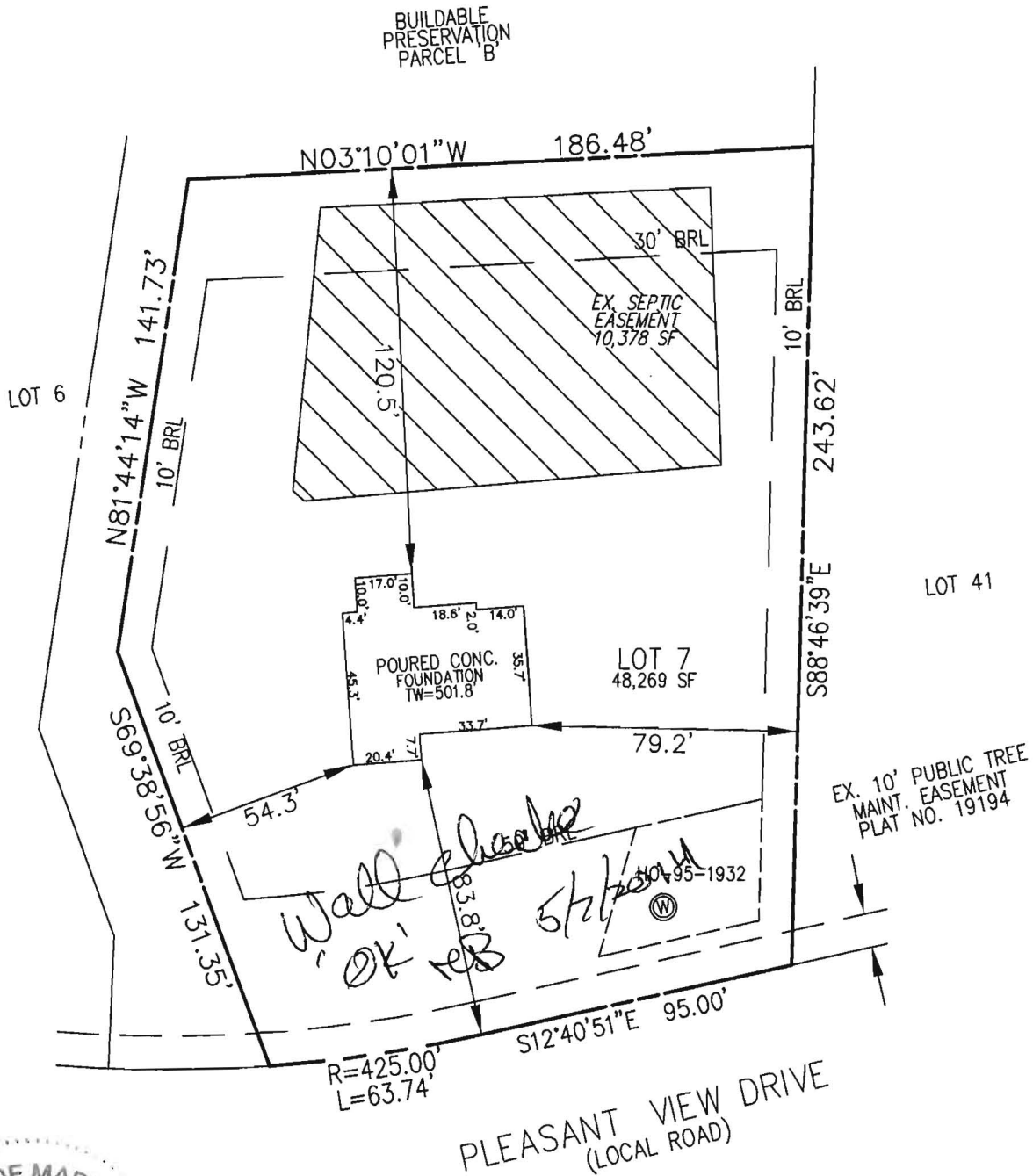
ROAD NAME

PRE-CONSTRUCTION:

INSTALLATION:

FINAL INSPECTOR _____ DATE OF APPROVAL _____

THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'



I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

PROFESSIONAL CERTIFICATION; I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

Thomas M. Hoffman

5.07.14

THOMAS M. HOFFMAN JR., PROPERTY LINE SURVEYOR #267 DATE

BUILDING PERMIT #14000628

| | | | |
|----------------------------|------------------------|--|---|
| SCALE 1" = 50' | DATE 05/07/14 | ROBERT H. VOGEL ENGINEERING, INC. ENGINEERS - SURVEYORS - PLANNERS 8407 MAIN STREET ELLCOTT CITY, MARYLAND 21043 TEL: 410-461-7666 FAX: 410-461-8961 | WALL CHECK DRAWING 12319 PLEASANT VIEW DRIVE LOT 7 FULTON MANOR II PLAT NO. 22479 FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND |
| DRAWN BY R.E.D. | CHECKED BY T.M.H. | | |
| PLAT NUMBER 22479-22481 | JOB NUMBER 13-33.00 | | |

✓

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 12319 Pleasant View Dr., Highland, MD 20777 July 2, 2014 was installed according to the manufacture's specifications.

Installer: Bruce Bopst



MATTHEW GECKLE

Vice-President

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Thursday, March 27, 2014 10:54 AM
To: 'Tim Keane'
Cc: Bernard, Dana
Subject: RE: Health Department - FM7

Sorry, we've been pretty backed up around here. It looks like we received the BAT plan and BP on 3/11. I just sent Rob Vogel an email with some corrections needed on the BAT plan. Can you send me a pdf of the floorplan please? Also a reminder: this lot needs a radium sample prior to ICOP.

From: Tim Keane [mailto:tkeane@trinityhomes.com]
Sent: Thursday, March 27, 2014 9:52 AM
To: Williams, Jeffrey
Cc: Bernard, Dana
Subject: FW: Health Department - FM7

Jeff
Can you help please.
I brought this to you about a month ago and we would like to start the house but it has not been approved in Acela?
Please HELP?

Tim
4433249806

From: Tim Keane
Sent: Wednesday, March 26, 2014 5:00 PM
To: Sherry Mewshaw
Subject: FW: Health Department - FM7

Sharhonda
Can you please check into this, it should be approve in Health it needs a release from Health.
Thx
tim

From: Sherry Mewshaw
Sent: Wednesday, March 26, 2014 10:30 AM
To: Tim Keane
Subject: Health Department - FM7

Hi Tim,

Looks like health and SC are left on the permit – B14000628. If you have time today, do you want to check on health and I'll let Joe know about SC?

Thanks,

Sherry Mewshaw
Selections Director
Trinity Quality Homes, Inc.
443-535-8516 Office

Williams, Jeffrey

From: Williams, Jeffrey
Sent: Thursday, March 27, 2014 10:52 AM
To: 'Rob Vogel'
Subject: Fulton Manor II lot 7

Hi Rob. Sorry we have been backed up and we just got a chance to review the BAT plan for FM II lot 7. We need to see the trenches equal length. Trenches must always be equal length unless the system is low pressure dosed. I know you were trying to maximize the area along contour. I would suggest maybe getting rid of the smallest one, moving the others down slightly and making them equal length, then maybe only having to add one more to get the total area needed.

Another suggestion: could you please provide a simple note/chart showing the length of each trench, invert elevation, and bottom elevation. Also, a note showing the calculations for arriving at trench length is helpful: # of bedrooms x 150 gpd / application rate / trench width x sidewall reduction = linear length. Thanks

Jeff Williams
Program Supervisor, Well & Septic Program
Bureau of Environmental Health
Howard County Health Dept.
410-313-4261
jewilliams@howardcountymd.gov

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