

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

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

RECEIPT DATE: 11/2/22

ONSITE SEWAGE DISPOSAL SYSTEM

P 572675

APPROVAL DATE: 7/18/2023

PERMIT: CONSTRUCTION

A

PROPERTY ADDRESS: 8232 White Pine Court

SUBDIVISION: Fulton Hill

LOT: 4

TAX ID: _____

CONTRACTOR: Freedom Septic

EMAIL: Christy Kristy@freedomseptic.com

CONTRACTOR ADDRESS: 2809 Liberty Road, Sykesville, MD 21784

PHONE: 410-795-2947

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: ☒ MDE

☒ MANUFACTURER: Norweco

PROPERTY OWNER: Cairn Custom Homes

EMAIL: _____

OWNER ADDRESS: 10548 Gorman Road, Laurel, MD 20723

PHONE: _____

BAT UNIT MODEL: Norweco TNT 750

PUMP SIZE: N/A

PUMP TANK CAPACITY: N/A

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED: 4/21/2023

DATE RECORDED: 4/21/2023

DISTRIBUTION SYSTEM: ☒ GRAVITY

☐ PRESSURE DOSED

BEDROOMS: 6

APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>125 @ 42'</u>	INLET DEPTH: <u>2.6 top trench+(0.9 pipe invert)</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.5</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:	3 trenches @41.7'	

ISSUED BY: Z. Silvest

ISSUE DATE: 4/21/2022

EXPIRATION DATE: 11/2/23

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 23000542

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.

NOT TO SCALE

See Separate Sheet

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH INLET BOTTOM

2 8

NUMBER OF TRENCHES

TOTAL LENGTH

ABSORPTION AREA

DISTRIBUTION BOX LEVEL yes

DISTRIBUTION BOX BAFFLE yes

DISTRIBUTION BOX PORT

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

MANUFACTURER Norweco

CAPACITY 111: 750 GAL

SEAM LOC Top

TANK LID DEPTH 21"

BAFFLES

BAFFLE FILTER

MANHOLE LOC Front, Middle Back

6" PORT LOC

WATERTIGHT TEST

SLOTTED

DATE ON LID 12/28/2022

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:

2/21/23 - laid out 3 x 42' trenches, SDA Staked septic tank & dbx stakes, trenches laid out on contour w/ transit - ok to start - (R)

(OSDS)

2/21/23 - during pre-con - contractor stated that he wanted to change the design and change the location of the dbx & trench distribution, informed him that he could red line the plan to make changes through the proper channels and he stated that all

INSTALLATION: the other inspectors have allowed him to do what he wants and make changes w/out making changes to the OSDS plan. 2/22/23 - field verified the dry hole well drilled

in 2020 has been sealed to longer visible on site (R)

2/24/2023 - reinspect for C/O next to house foundation. 1 trench will be 47' + long will be at 3' inlet. Tank OK. PM from tank to D box OK. Measured house to tank, gave OK to backfill up to 2022 ground proposal C/O. (SP)

2/27/2023 - Saw D box to 1, 1, side wall caved in so part of its width was 4.5' instead of 2'. 1, inlet @ 3' + length @ 4.6'. Saw D box to PM SCHD 40 15 met .5' deeper

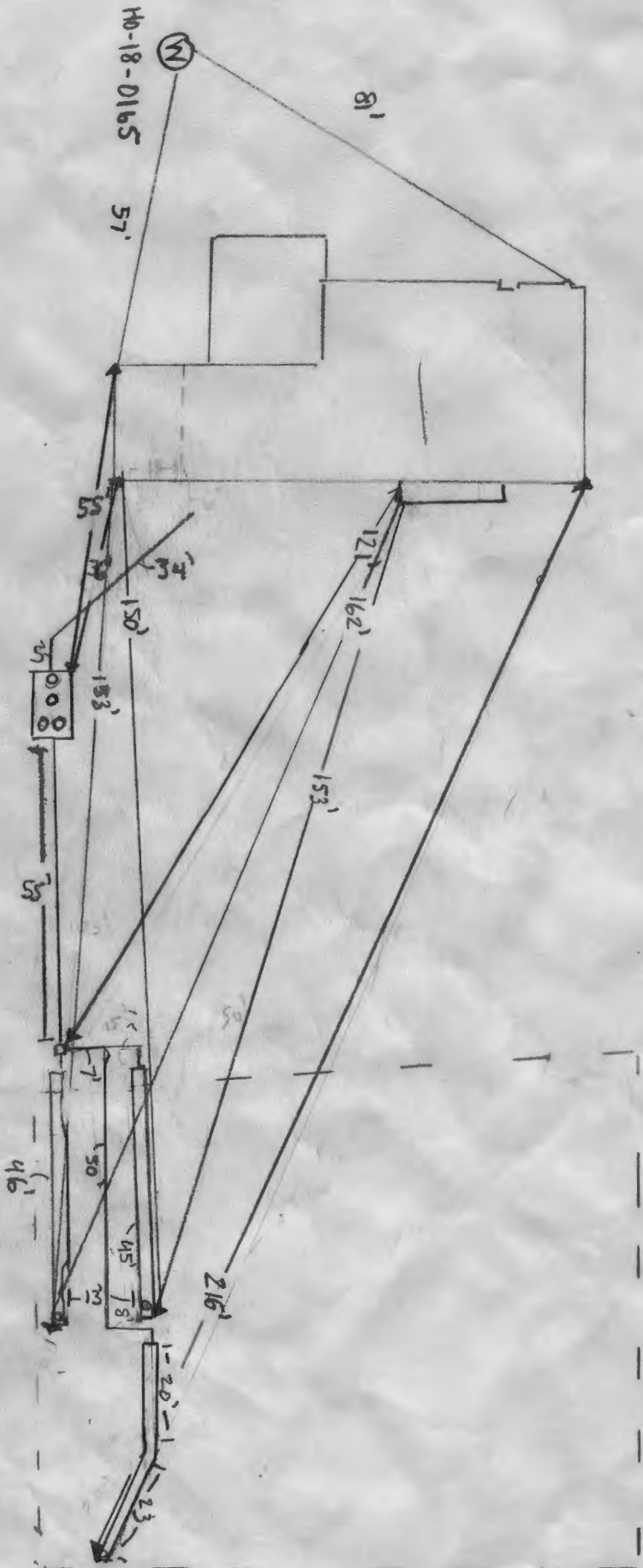
FINAL INSPECTOR

7/18/2020

DATE OF APPROVAL

2/18/2023 SW 12, 13, 13 meter .5' deeper 12 meter per plan, space between 1, 2, 13. leveled D box reinspect for C/O. (SP) 7/13/2023 eat set to round

NOT TO SCALE 1" = 30'





Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

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

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

THIS AGREEMENT is made this 11th day of November, among Vy Tran and Quang Nguyen, 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 8232 White Pine Court, 20759, in the 05 Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 0046, Block # , Parcel # 0337, Deed Reference # 21517/00448 and Tax Account # 603729 ("the Property").

WHEREAS, The Property 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 November 24, 2016. The pre-treatment device being installed is NORWECO TNTLP-750

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice 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.

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 Property 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 Property that the system shall require maintenance or other attention. Upon taking title to the Property, 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 this agreement on the date indicated above.

 3/20/2023

Howard County Health Department

DocuSigned by:
 11/14/2022
0009F9F2DF7049B...

Owner #1 Signature Date

Quang Nguyen

Owner #1 Print Name

Buyer #1 Signature Date

Buyer #1 Print Name

DocuSigned by:
 11/16/2022
0440C69B879A440...

Owner#2 Signature Date

Vy Tran

Owner #2 Print Name

Buyer #2 Signature Date

Buyer #2 Print Name



BACK RIVER PRE-CAST, LLC
PO BOX 329
GLYNDON, MD 21071
PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: QUANG NGUYEN	INSTALLATION COMPANY: FREEDOM SEPTIC
ADDRESS: 8232 WHITE PINE CT	CERTIFIED INSTALLER: DAN FARROW
CITY, ZIPCODE & COUNTY: FULTON, 20759, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 02-23-23
750 GPD CONCRETE	START-UP DATE: 07-18-23
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: NEW	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 42"	BURIAL DEPTH OF TANK: 12"
SYSTEM WIRED ON A 15-AMP DEDICATED CIRCUIT WITH STD. BREAKER: YES	RISERS 4" - 6" ABOVE GRADE: YES
LENGTH(S) OF UF WIRE PAST LAST AERATION RISER(S): 48"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK:
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	NO
IS THE INSIDE OF THE CONDUIT ENTERING THE CONTROL PANEL(S) AND AERATION RISER(S) SEALED WITH DUCT SEAL: YES	

ON 2ND PAGE MAKE A ROUGH SKETCH OF THE HOUSE, WHERE THE SYSTEM IS LOCATED, WHERE THE CONTROL PANEL IS LOCATED, WHERE THE FRONT OF THE IS AND DIRECTIONS TO THE PROPERTY.

DIRECTIONS CAN START A FEW STREETS AWAY

EXAMPLE: RT. X LEFT ONTO XX STREET RIGHT ONTO PRIVATE DRIVEWAY 5TH HOUSE OF THE LEFT.

I certify that the Norweco Singlair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

Matthew Geckle

July 18, 2023

Signature of BRP Representative

Vice-President

Date

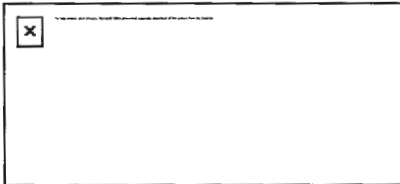
Oswald, Hank

From: Kristy Pierce <kpierce@glwpa.com>
Sent: Monday, May 16, 2022 3:07 PM
To: Oswald, Hank
Cc: Mike Tran
Subject: Re: BAT Plan_8512 White Pine Court
Attachments: 21096_FH_Lot 4 Septic (BAT) with corrections.pdf

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Sure! See attached.

Kristy Pierce
Sr. Planner



3909 National Drive, Suite 250 | Burtonsville, MD 20866
PH: 301-421-4024 | PH (Baltimore): 410-880-1820
PH (Northern VA): 301-989-2524 | FAX: 301-421-4186

Check out our new website: WWW.GLWPA.COM

The information transmitted is intended only for the addressee shown above.

Any design information (calculations, drawings, etc.) included in this transmission is intended for the sole purpose agreed upon with Gutschick, Little & Weber, P.A. (GLW). If this information is to be used for any other purpose or transmitted to any other persons, prior consent must be received from GLW.

On Mon, May 16, 2022 at 11:56 AM Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Thanks Kristy. Can you provide me those changes?

From: Kristy Pierce <kpierce@glwpa.com>
Sent: Monday, May 16, 2022 11:42 AM
To: Oswald, Hank <hoswald@howardcountymd.gov>
Subject: Re: BAT Plan_8512 White Pine Court

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Thank you Hank. You can redline those changes.

Kristy Pierce

Sr. Planner



3909 National Drive, Suite 250 | Burtonsville, MD 20866

PH: 301-421-4024 | PH (Baltimore): 410-880-1820

PH (Northern VA): 301-989-2524 | FAX: 301-421-4186

Check out our new website: WWW.GLWPA.COM

The information transmitted is intended only for the addressee shown above.

Any design information (calculations, drawings, etc.) included in this transmission is intended for the sole purpose agreed upon with Gutschick, Little & Weber, P.A. (GLW). If this information is to be used for any other purpose or transmitted to any other persons, prior consent must be received from GLW.

On Mon, May 16, 2022 at 11:18 AM Oswald, Hank <hoswald@howardcountymd.gov> wrote:

Hi Kristy:

The BAT plan for 8512 White Pine Court has been reviewed with the following comments:

1. Trench detail located just above the trench elevation chart shows trench depth greater than 8 feet (8.5 feet).
2. Trench detail also shows the invert elevation at 2.5 feet, and the trench sizing calculation chart shows the invert elevation at 2.6 feet.
3. SDA trench elevation chart shows effective area starting at 6 feet ($434.5 - 428.5 = 6$ feet).

Let me know if you'd like me to redline these items or revise plan and resubmit for review.

Thanks,

Hank

Hank Oswald, L.E.H.S.

Howard County Health Department

Well & Septic Program

410.313.1786

hoswald@howardcountymd.gov

Oswald, Hank

From: Oswald, Hank
Sent: Monday, May 16, 2022 11:18 AM
To: Kristy Pierce (kpierce@glwpa.com)
Subject: BAT Plan_8512 White Pine Court

Hi Kristy:

The BAT plan for 8512 White Pine Court has been reviewed with the following comments:

- 1.) Trench detail located just above the trench elevation chart shows trench depth greater than 8 feet (8.5 feet).
- 2.) Trench detail also shows the invert elevation at 2.5 feet, and the trench sizing calculation chart shows the invert elevation at 2.6 feet.
- 3.) SDA trench elevation chart shows effective area starting at 6 feet ($434.5 - 428.5 = 6$ feet).

Let me know if you'd like me to redline these items or revise plan and resubmit for review.

Thanks,

Hank

Hank Oswald, L.E.H.S.
Howard County Health Department
Well & Septic Program
410.313.1786
hoswald@howardcountymd.gov

**MICHAEL BARLOW WELL DRILLING
522 UNDERWOOD LANE
BEL AIR, MD 21014
410-838-6910**

Howard County Health Department
7178 Columbia Gateway Drive
Columbia, MD 21046
Attn: Ryan Rappaport

September 10, 2020

Re: Evergreen Farm

Mr. Rappaport,

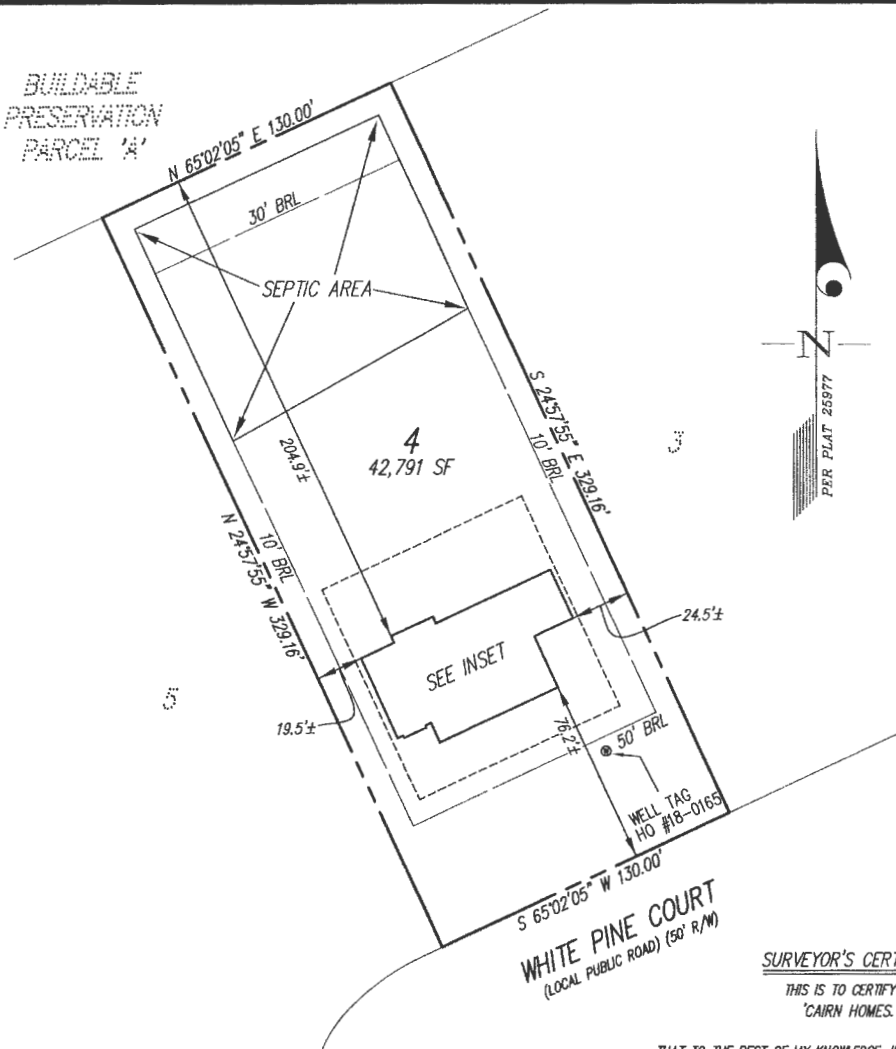
We received your email outlining your review of our completion reports for the Evergreen Farm project and have responded to each bullet point below.

- 1)The full size plan showing our attempts and septic areas for the subdivision will need to be supplied by the developer, but we will forward a copy of your email to them as a reminder.
- 2)The successful (1.5 gpm) well on lot 2 was not drilled until March 4, 2020 and was tested on March 13th as indicated on the yield report. The supplemental well was pumped on February 27th in tandem with another attempt to determine if together they would meet the 1 gpm requirement. The other attempt would not maintain at least ½ gpm so the test was stopped a couple hours into it and that other attempt was labeled a dry hole and abandoned. That failed test forced us to continue drilling, which resulted in the 1.5 gpm well. Since we had a well that met the 1 gpm requirement on it's own and we were not utilizing the supplemental well to meet that requirement, we did not test those two wells in tandem. I will provide you a copy of the abbreviated test for the supplemental well and if your office mandates that they be tested in tandem, will advise the developer of that requirement. Both of the wells are within the approved well area and will be located on the final plan.
- 3)The completion report for lot 4 should have shown 1 unsuccessful well to match the abandonment report provided. Should I send a revision or will you make to correction on your end.
- 4)There are no issues with the well on lot 5. The incident on 1/29/20 was the result of a ongoing personality conflict between your inspector and our driller, which has been discussed with Kevin Wolf and John Boris. Kevin Wolf made a site visit himself later that day to speak with our driller and contacted our office. Mr. Wolf is well aware of this incident and should be contacted if you need further information.

- 5)Only one attempt was made on lot 6 which resulted in the 4 gpm well.
- 6)The tag will be attached to the supplemental well on lot 7 once it has been received.
- 7)Please notify the developer that the request to use HO-81-2161 has been refused and that a site plan showing a new well area will need to be submitted along with a new well permit application before drilling can continue
- 8)The missing data on the yield report for HO-18-0129 and completion report for the supplemental well is an oversight on our part. I will send you revisions of both. Once we receive the tag for the supplemental well, it will be attached to the well casing.

Michael Barlow
MWD355

BUILDABLE
PRESERVATION
PARCEL 'A'



NOTES:

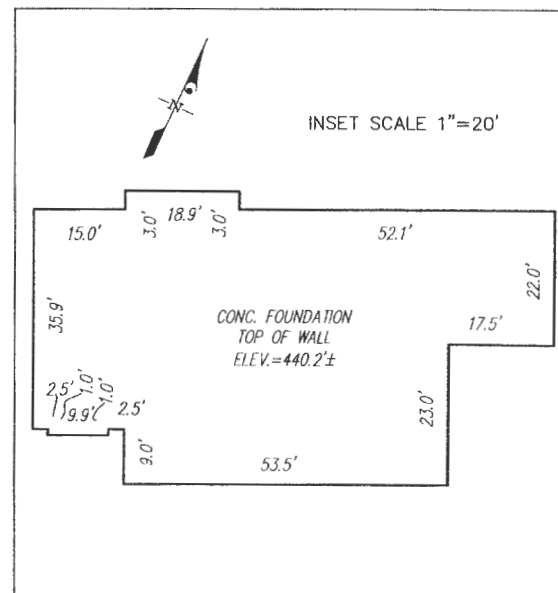
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP, MAP NUMBER 24027001450, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (B.R.L.'S) SHOWN HEREON PER PLAT 25977.

SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF ± 0.1' FOOT.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
'CAIRN HOMES,'

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,
THE POSITION OF THIS BUILDING FOUNDATION
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr.,
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2024)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.



DES.

DRN. WDK

CHK.

PREPARED FOR:
CAIRN HOMES
10548 GORMAN ROAD
LAUREL, MD
20723

S:\Survey Drawings\WALLCHECK\FULTON HILL-21096\WCK-21096WCK-4.dwg

© GLW 2022

WALLCHECK
(SPECIAL PURPOSE SURVEY)

FULTON HILL

LOT 4
8512 WHITE PINE COURT

HOWARD COUNTY, MARYLAND

DATE OF LATEST FIELD WORK: 09/14/2022

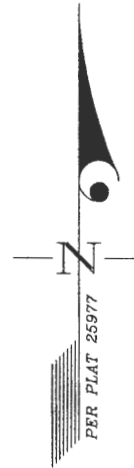
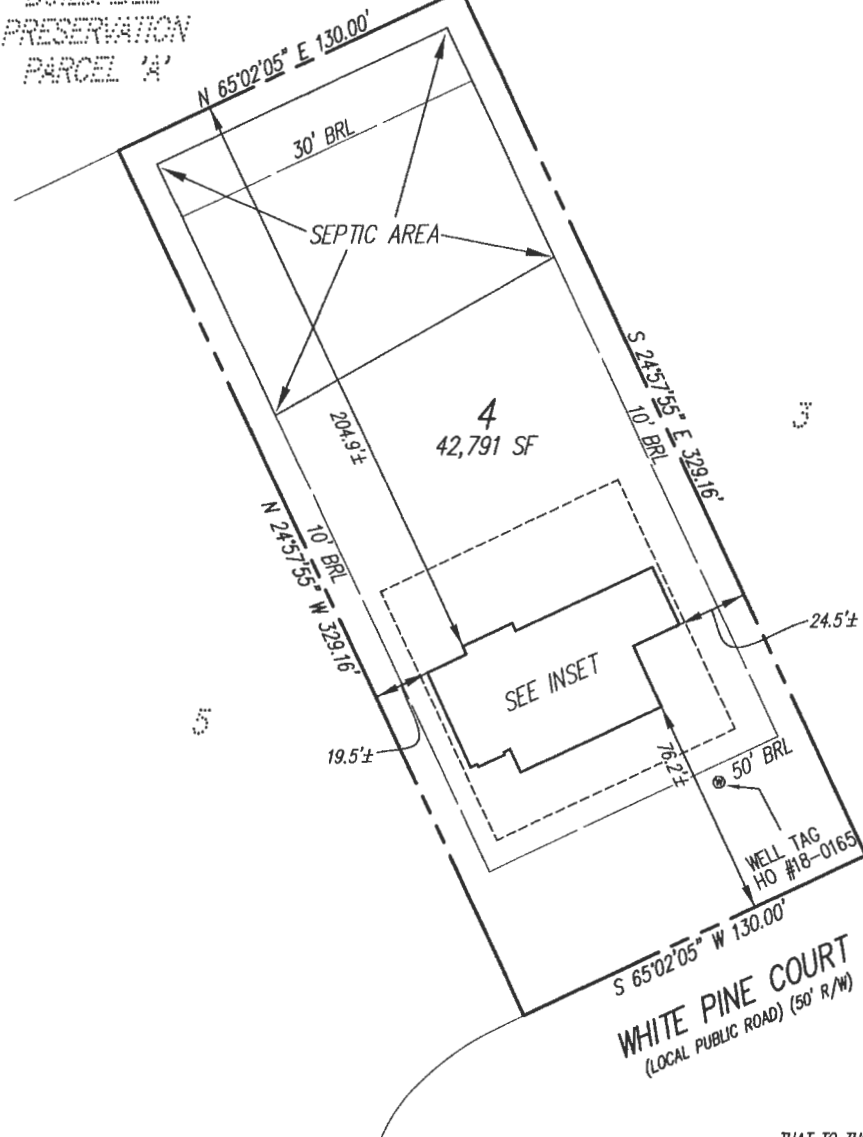
G.L.W. FILE No.

21096

REFERENCE: PLAT No.: 25977

SCALE: 1"=50'

BUILDABLE
PRESERVATION
PARCEL 'A'



Wall check OK.
g8 11/3/22

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
'CAIRN HOMES.'

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,
THE POSITION OF THIS BUILDING FOUNDATION
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr.,
Professional Land Surveyor, No. 10954 (EXP. DATE: 07/03/2024)

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

NOTES:

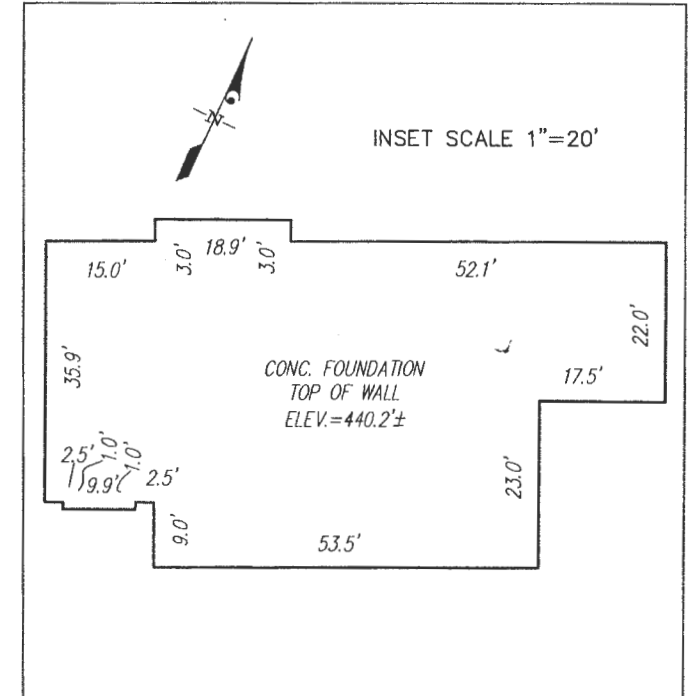
THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED.

THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, MAP NUMBER 24027C01450, EFFECTIVE DATE NOVEMBER 6, 2013.

BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER PLAT 25977.

SETBACK DISTANCES SHOWN HEREON ARE TO THE OUTERMOST FACE OF THE FOUNDATION WALLS AND HAVE AN ACCURACY OF $\pm 0.1'$ FOOT.



WALLCHECK
(SPECIAL PURPOSE SURVEY)

FULTON HILL

LOT 4
8512 WHITE PINE COURT

HOWARD COUNTY, MARYLAND

DATE OF LATEST FIELD WORK: 09/14/2022

G.L.W. FILE No. 21096

REFERENCE: PLAT No.: 25977

SCALE: 1"=50'



GLW
PLANNING | ENGINEERING | SURVEYING

DES.

DRN. WDK

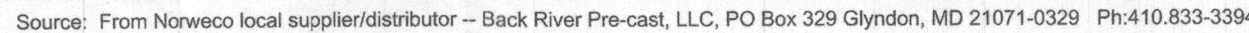
CHK.

PREPARED FOR:
CAIRN HOMES
10548 GORMAN ROAD
LAUREL, MD
20723

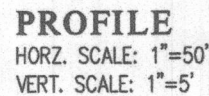
S:\Survey Drawings\WALLCHECK\FULTON HILL-21096\WCK\21096WCK-4.dwg

© G.L.W. 2022

S:\Survey Drawings\WALLCHECK\FULTON HILL-21096\WCK\21096WCK-4.dwg, 9/14/2022 3:12:32 PM, blilk, 1:1



For trenches with no sidewall credit the spacing is 6' for a 2' wide trench and 9' for a 3' wide trench (measured edge to edge). All trenches utilizing sidewall reduction credit must be spaced a min. of 10' for effective sidewall not over 3.5'. If >3.5', then spacing formula is $2D+W$ up to a maximum of 18'.



ADC MAP 39



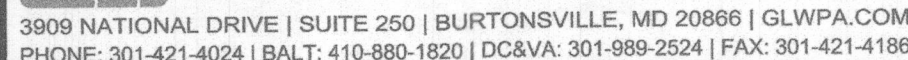
-

*NOTE
SEE SDA TRENCH SIZE CALCULATIONS (ABOVE) AS PIPE INVERT & EFFECTIVE
AREA BEGINNING DEPTH MAY NOT BE THE SAME FOR ALL SYSTEMS.

SEPTIC TRENCH SECTION DETAIL NO SCALE

Hank Oswald 5/18/20
Signature Date

SCALE 1" = 30'	ZONING RR-DEO	G. L. W. FILE No. 21096
DATE APRIL 2022	TAX MAP - GRID 46-3	SHEET 1 OF 1

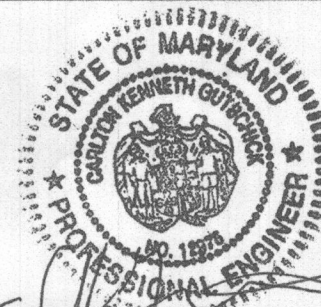
[illegible]

PREPARED FOR:

CONTRACT PURCHASER/FUTURE OWNER: Vy B. Tran and Quang Nguyen 6308 BURNT MOUNTAIN PATH COLUMBIA, MD 21045 vyb.tran@gmail.com quanghn@gmail.com	BUILDER: CAIRN HOMES 10548 GORMAN ROAD LAUREL, MD 20723 301-490-5317 STEVE APPLER steve@cairncustomhomes.com
---	---

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS
WERE PREPARED OR APPROVED BY
ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND,
LICENSE NO. 12975
EXPIRATION DATE: MAY 26, 2022



SITE PLAN FOR BAT INSTALLATION

FULTON HILL
LOT 4 (8512 White Pine Court)
PLAT No. 25976-25980

ELECTION DISTRICT No. 5

HOWARD COUNTY, MARYLAND