

Record Detail * (This section is required.)

Permit Type Building/Residential/Addition/SFD
Permit Number B23004032
Opened Date 10/03/2023
Description of Work
 SFD/CONSTRUCT 24.3' X 24.6' 1-STORY ADDITION WITH BASEMENT FOR PRIMARY BEDROOM ON FIRST LEVEL AND 2 BEDROOMS ON LOWER LEVEL. 1 STORY, Crawl Space, 4R, 2FB, 0HB, 0FP, OTHER STRUCTURE = N/A, 3BR, PORCH/DECK = N/A, ENERGY METHOD = Prescriptive Method.

[check spelling](#)

Online BP in correlation with active OSDS plan.

g/s 10/6/23

Address * (This section is required.)

Search Reset Clear Get Parcel & Owner
Street # 1680
Street Name WOODSTOCK
Street Type RD
Unit Type -Select--
Unit #
X Coordinate -76.87934
Y Coordinate 39.32725
City WOODSTOCK
State MD
Zip Code 21163
Primary Yes

Parcel * (This section is required.)

Search Reset Clear Get Address & Owner
GIS ID * 907697
Parcel 50
Parcel Area 3.24
Land Value 226800
Improved Value 635800
Exemption Value 409000
Plan Area RURAL
Legal Description
 IMPS3.2409 A.[1680 WOODSTOCK RD]WOODSTOCK

[check spelling](#)

Block 603000
Lot
Census Tract 603000
Council Dist 5
Inspection Dist 6
Supervisor Dist
Map #
DAP Zone
Plan Area
State Tax Id 1403279650
Subdivision Name
Section
Area
Tax Map 10
Grid 10-18
Zoning District RC-DEO
ADC Map 4694-K8
SDP No.
Final Plan No.
WP File No.
Record Plat No.
WS Contract No.
FDP No.
Primary Yes
Owner Occupied
 Yes No
Year Built 2019
Historic District
 Yes No
Historic District Registry No.
Stat Area 3-02A
Flood Plain
 Yes No
Building No

Owner (This section is not required.)

Search Reset Clear
Name * PALMER PRESS
Address Line 1 1680 WOODSTOCK RD
Address Line 2
Address Line 3
Mail City WOODSTOCK
Mail State MD
Mail Zip Code 21163
Phone 301-718-8118
Primary Yes
E-mail
Cell Number
Fax Number

Professionals (This section is not required.)

License # *
 21040015883
License Type *
 Architect
Primary
 Yes
Business Name
 MUSE ARCHITECTS
First Name Middle Name Last Name
 WILLIAM
 KIRWAN
Address Line 1
 7401 WISCONSIN AVENUE
Address Line 2
 SUITE 500
City State ZIP Code
 BETHESDA MD 20814-0000
Phone 1 Phone 2 Fax
 3017188118
E-mail
 WKIRWAN@MUSEARCHITECTS.COM

Applicant (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type *
 Applicant
Relationship
 Applicant
Primary
 No
First Name MI Last Name
 Soyeon Jeong
Full Name
 Soyeon Jeong
Organization Name
 MUSE KIRWAN Architects
Street Address
 7401 Wisconsin Ave.
Address Line 2

City State Zip Code
 Bethesda MD 20814
Phone Cell Fax
 301-718-8118
E-mail *
 sjeong@musekirwan.com

Contact (This section is not required.)

Search As Owner As Lic. Prof As Contact

Type
 Contact
Relationship
 Licensed Professional
Primary
 Yes
First Name MI Last Name
 Soyeon Jeong
Full Name
 Soyeon Jeong
Organization Name
 MUSE KIRWAN Architects
Street Address
 7401 Wisconsin Ave.
Address Line 2

City State Zip Code
 Bethesda MD 20814
Phone Cell Fax
 301-718-8118
E-mail
 sjeong@musekirwan.com

Addtl Info

Est Construction Cost * 275000
Housing Units * 0
Number of Buildings * 0
Public Owned No
Construction Type
 -Select-

RESIDENTIAL ADDITION INFORMATION

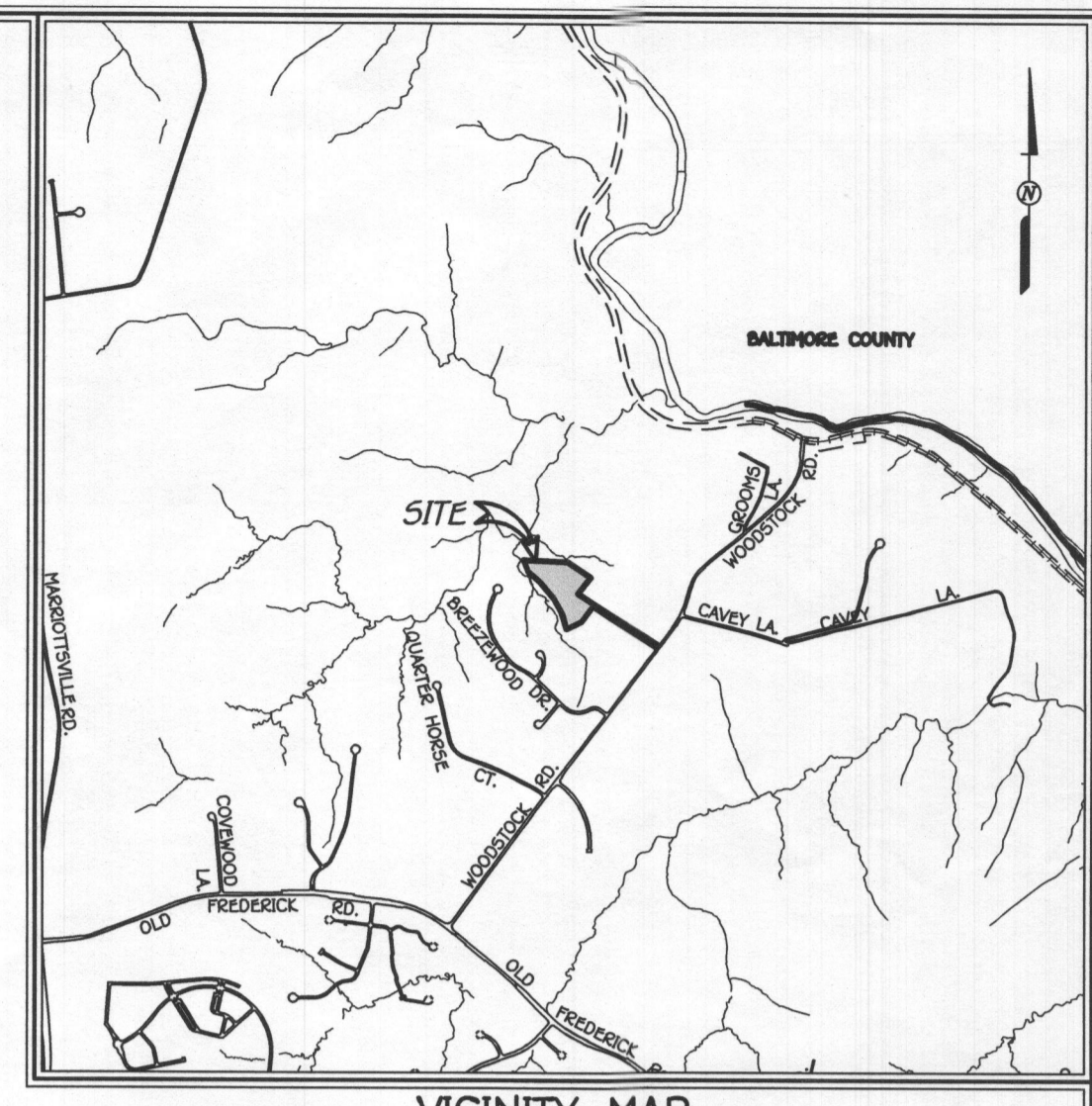
Capital Project-No Fee * Yes No
Capital Project Number
Fee Exempt * Yes No
Roadside Tree Project Permit Yes No
Roadside Tree Project Permit #
No of Stories * 1
Foundation * Crawl Space
Basement * Full Finished
No of Rooms * 4
Full Baths * 2
Half Baths * 0
Existing Use * Existing Structure
Model *
Condominium * Yes No



SOILS LEGEND		
SOIL	NAME	CLASS
GbC	Gladstone Loam, 3 to 8 percent slopes	A
GnB	Glenville-Baile silt loams, 0 to 8 percent slopes	C
MgD	Manor-Bannertown sandy loams, 15 to 25 percent slopes, rocky	B
MgF	Manor-Bannertown sandy loams, 25 to 65 percent slopes, rocky	B

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	EXISTING CONTOUR 10' INTERVAL
---	EXISTING ELECTRIC
---	EXISTING DRIVEWAY PAVING
---	EXISTING TREE LINE
GbC	SOIL LINES AND TYPES
○	EXISTING ROOF LEADER
○	DENOTES EXISTING PASSED PERC
---	EXISTING SEWAGE DISPOSAL AREA

1. ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
2. ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
3. WELL HO-15-0125 HAS BEEN FIELD LOCATED.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
5. THE ENGINEER IS REGISTERED WITH MDE TO PROVIDE ON-SITE WASTEWATER SERVICES IN MARYLAND.
6. CONTOURS ARE BASED ON A TOPOGRAPHIC FIELD RUN SURVEY PERFORMED BY FISHER, COLLINS AND CARTER ON OR ABOUT AUGUST, 2023.
7. EXISTING TRENCHES BASED ON HOWARD COUNTY COUNTY AS-BUILTS.
8. CONTRACTOR TO TEST PIT EXISTING SEWER HOUSE CONNECTIONS TO DETERMINE INVERTS BEFORE INSTALLATION.
9. SEPTIC SYSTEM SHALL BE UPGRADED PRIOR TO BUILDING PERMIT APPROVAL DUE TO INCREASE IN SEPTIC FLOW BY PROPOSED ADDITIONAL BEDROOM.



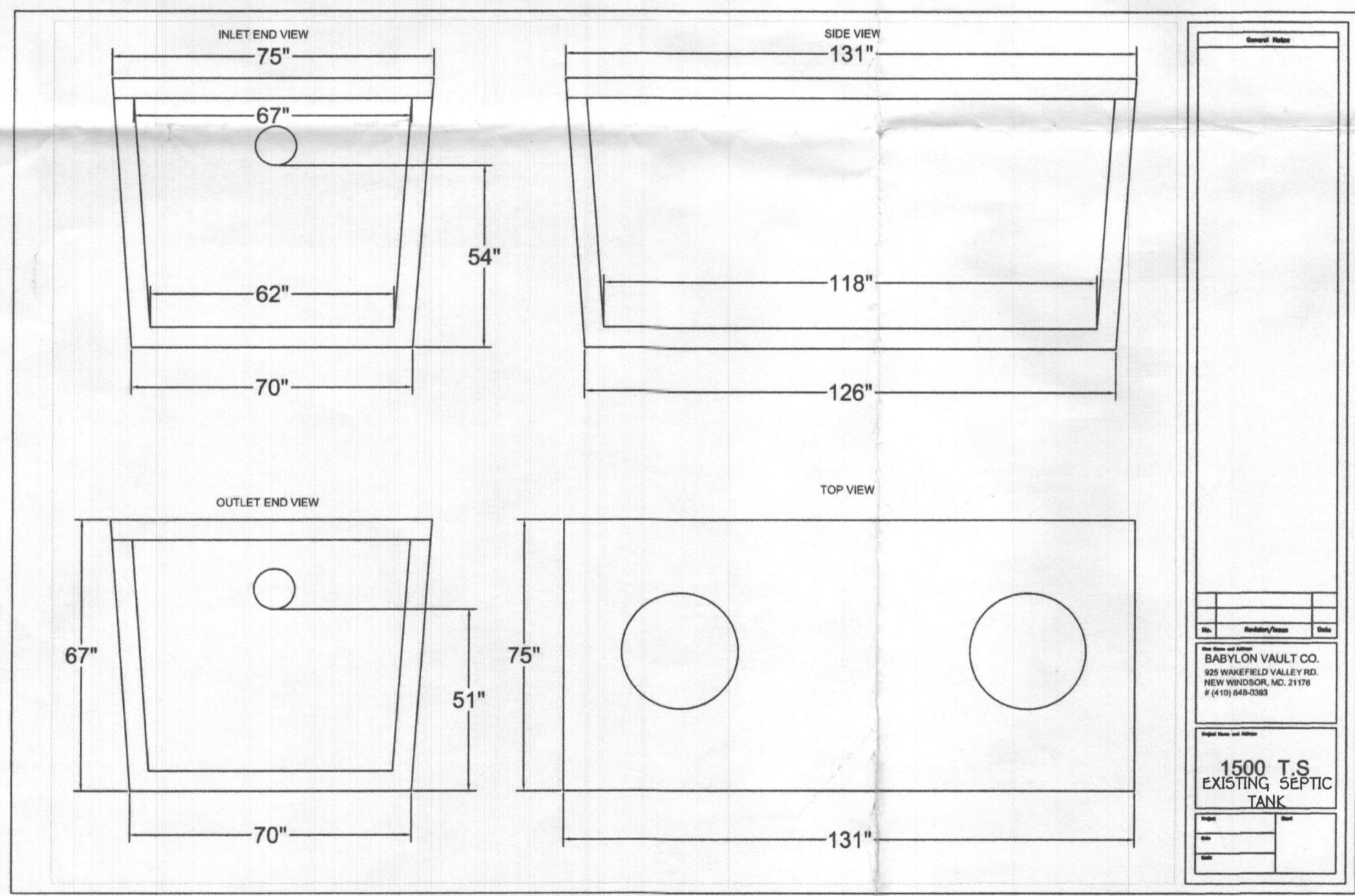
VICINITY MAP
SCALE: 1" = 2000'

ADD-ON TO EXISTING SYSTEM
SEWAGE DISPOSAL SYSTEM DATA - INITIAL SYSTEM
2 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM GPD = 750 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 3.5 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3.5 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = $(W+2)/(W+1+2D) = (3+2)/(3+1+2(3.5)) = 0.495$
TRENCH LENGTH = $625 SF \times 0.495 / 3 = 95 FEET$
3 TRENCHES AT 30'
TRENCH SPACING = $2D+W = (2(3) + 3) = 9'$ USE 10'

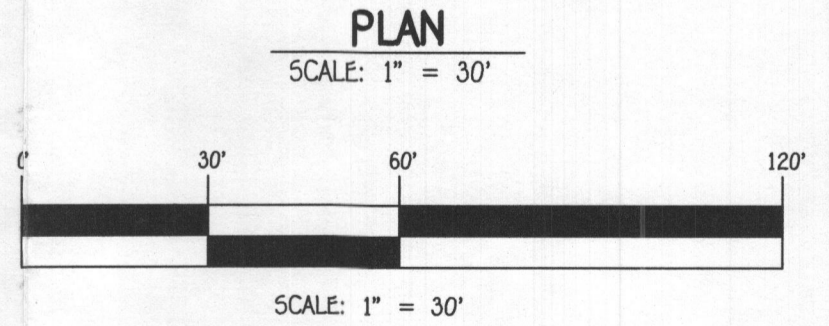
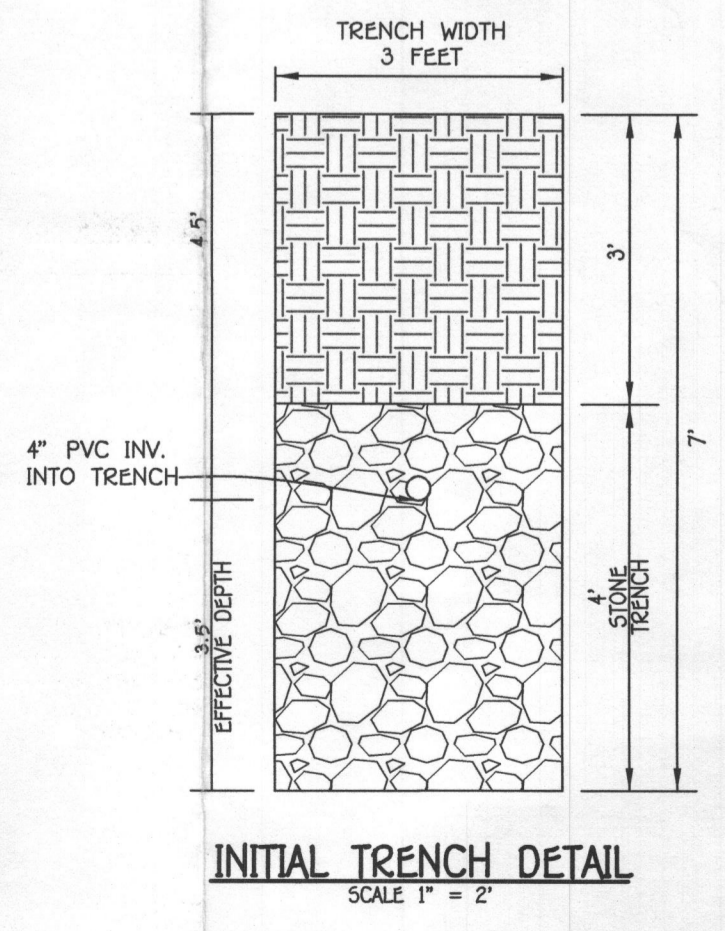
1ST REPLACEMENT SYSTEM
SEWAGE DISPOSAL SYSTEM DATA - INITIAL SYSTEM
5 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM GPD = 750 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 3.5 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 3.5 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = $(W+2)/(W+1+2D) = (3+2)/(3+1+2(3.5)) = 0.495$
TRENCH LENGTH = $625 SF \times 0.495 / 3 = 95 FEET$
3 TRENCHES AT 30'
TRENCH SPACING = $2D+W = (2(3) + 3) = 9'$ USE 10'

2ND REPLACEMENT SYSTEM
SEWAGE DISPOSAL SYSTEM DATA - INITIAL SYSTEM
5 BEDROOMS
LOADING RATE = 5 BEDROOMS X 150 GPD/BEDROOM GPD = 750 GPD
APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 3 FEET
TRENCH DEPTH = 9 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 5 FEET
SF OF DRAINFIELD = 750 GPD / 1.2 = 625 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = $(W+2)/(W+1+2D) = (3+2)/(3+1+2(5)) = 0.357$
TRENCH LENGTH = $625 SF \times 0.357 / 3 = 135 FEET$
2 TRENCHES AT 30'
TRENCH SPACING = $2D+W = (2(5) + 3) = 13'$ USE 15'

THE PURPOSE OF THIS SEPTIC INSTALL PLAN IS TO ADD AN ADDITIONAL TRENCH TO THE INITIAL SYSTEM AND SHOW TWO REPLACEMENT SYSTEMS.



DAILY STABILIZATION NOTE:
CONTRACTOR SHALL ONLY DISTURB THAT AREA WHICH CAN BE COMPLETED AND STABILIZED BY THE END OF EACH WORKING DAY. STABILIZATION SHE BE AS FOLLOWS.
1. FOR AREAS TO BE PAVED, THAT APPLICATION OF STONE BASE.
2. FOR AREAS TO BE VEGETATIVELY STABILIZED:
A. PERMANENT SEED AND SOIL STABILIZATION MATTING OR SOD FOR ALL STEEP SLOPES, CHANNELS OR SWALES.
B. PERMANENT SEED AND MULCH FOR ALL OTHER AREAS.
ANY AREAS WHICH CAN NOT BE STABILIZED BY THE END OF EACH WORKING DAY MUST HAVE SILT FENCE INSTALLED ON THE DOWN SLOPE SIDE.



PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS 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. 4609, EXPIRATION DATE: 05/14/2025.

Yuk Aaron 10-3-23
Signature Of Professional Engineer DATE



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21116
(410) 461-2855

**SEPTIC INSTALL PLAN
1680 WOODSTOCK ROAD**

ZONING: RC-DEO
TAX MAP No. 10 GRID No. 1B PARCEL No. 50
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: OCTOBER, 2023
SHEET 1 OF 1