

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: 6/10/2022 **ONSITE SEWAGE DISPOSAL SYSTEM** P 571588

APPROVAL DATE: 08/26/2022 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 1841 DAVIS BRANCH ROAD, WOODSTOCK, MD 21163

SUBDIVISION: MYRTUE PROPERTY LOT: 11 TAX ID: 03-352439

CONTRACTOR: FARM AND HOME EXCAVATING, INC. EMAIL: _____

CONTRACTOR ADDRESS: 901 DRIVER ROAD, MARRIOTTSVILLE, MD 21104 PHONE: (410)442-2139

PROPERTY OWNER: SONSHINE MD LP EMAIL: nbontempi@keystonecustomhomes

OWNER ADDRESS: 227 GRANITE RUN ROAD, LANCASTER, PA 17601 PHONE: (717)469-9060

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: MAYER BROS., INC.

PUMP MODEL: n.a. PUMP SIZE n.a. PUMP TANK CAPACITY: n.a.

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>125</u>	INLET DEPTH: <u>3.0</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5.0</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	INSTALL AT LEAST 2 CLEANOUTS IN SHC.	

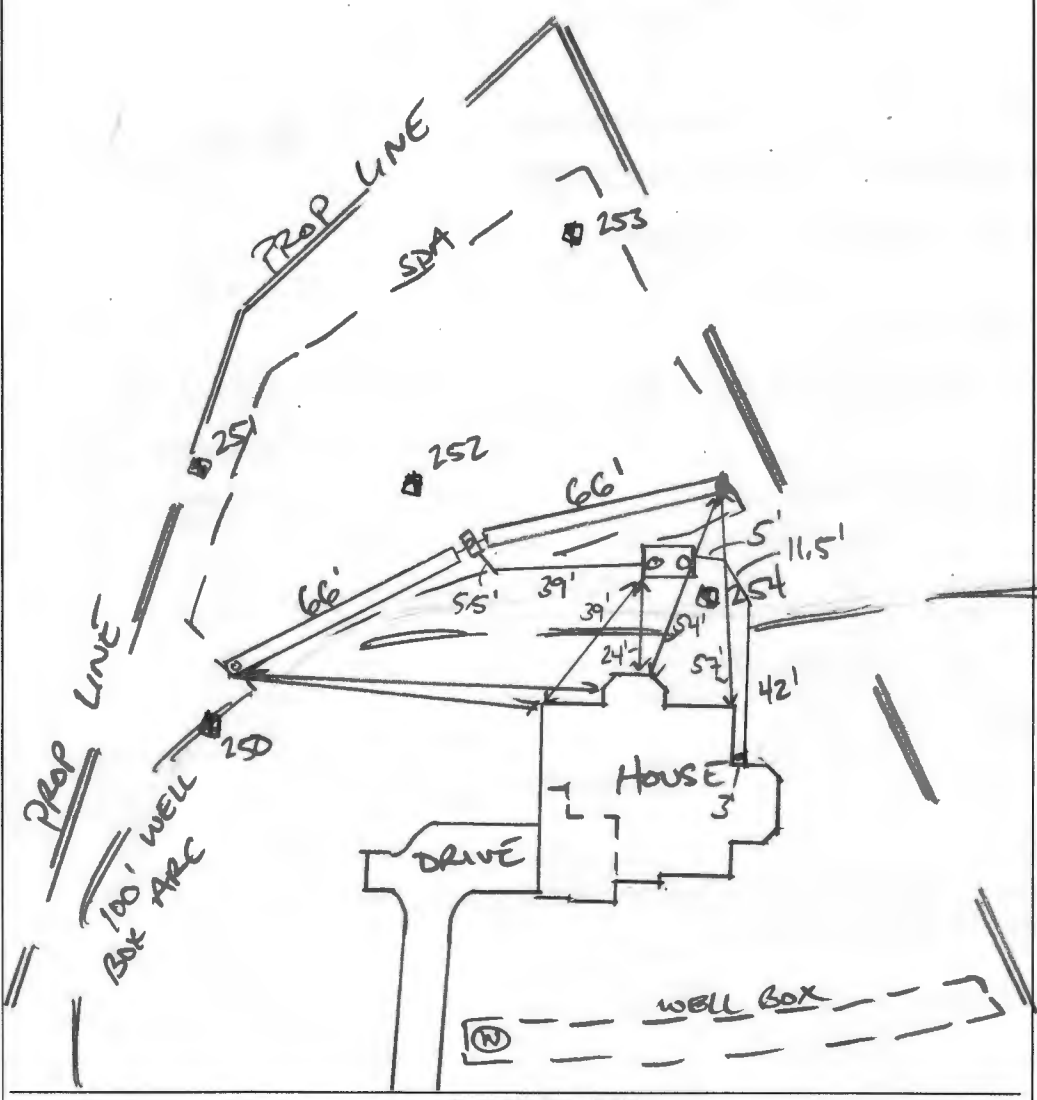
ISSUED BY: R BRICKER ISSUE DATE: _____ EXPIRATION DATE: _____

- 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 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 n.a.
- 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

~1:50



ROAD NAME
DAVIS BRANCH ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		132 F
ABSORPTION AREA		396 SF + 3' SIDE WALL
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		CONC.
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	63'
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	07/15/2022
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:

08/23/2022 CONFIRMED CONTOUR 2X 63' TRS. *[Signature]*

INSTALLATION:

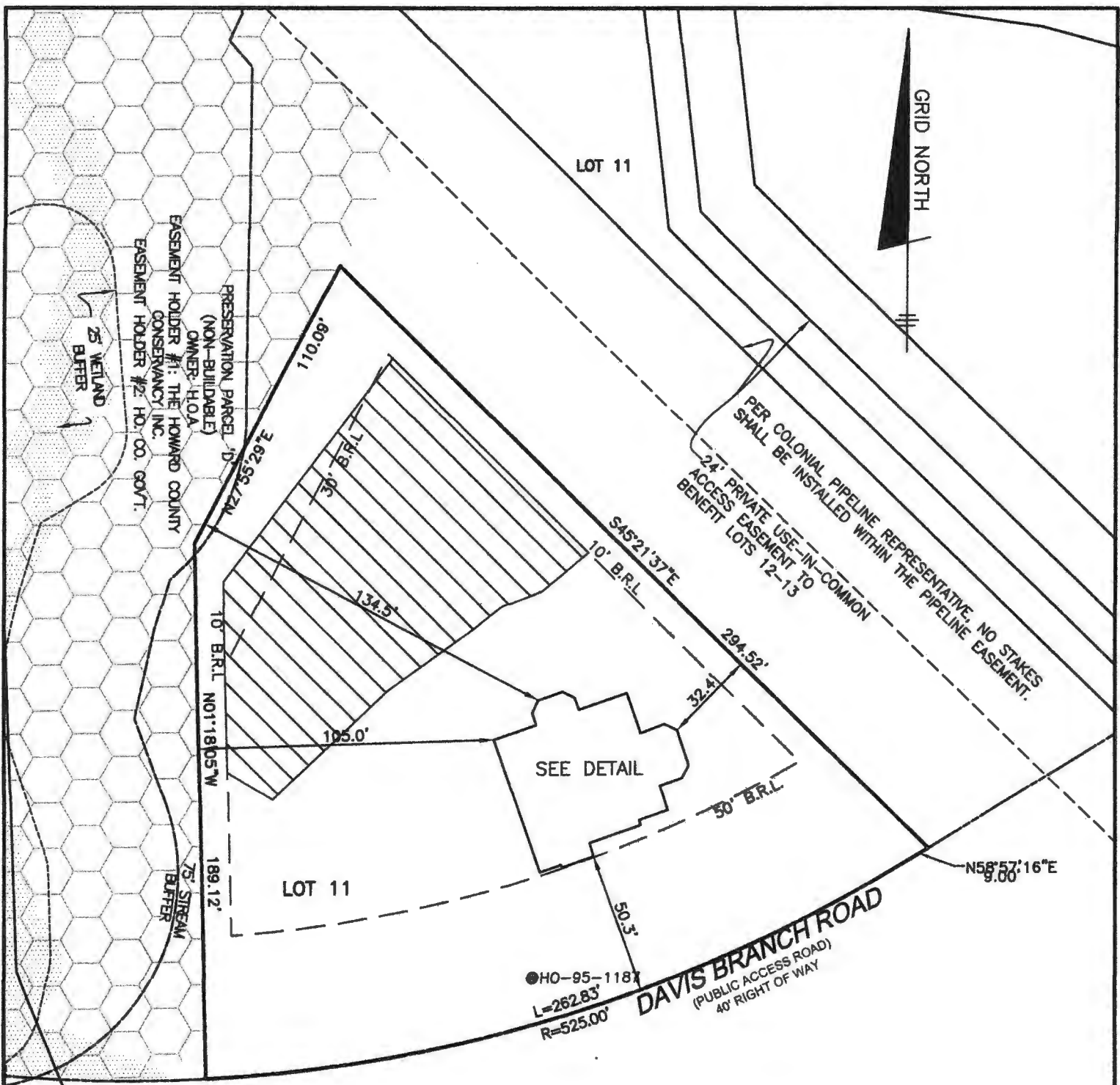
08/25/2022 SAC, SL, TANK & BOX INSTALLED. *[Signature]* 08/26/2022
TRS COMPLETE D BOX LEVEL W/ SPEED LEVELS *[Signature]*

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

08/26/2022



TOP OF FOUNDATION WALL = 400.2'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

SURVEYOR'S CERTIFICATE

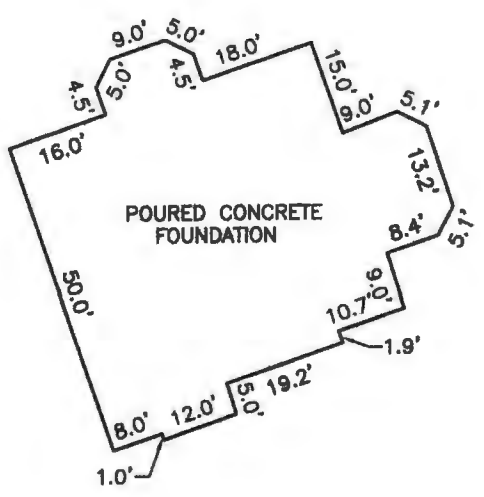
I HEREBY CERTIFY THAT THESE DOCUMENTS, WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21320, EXPIRATION DATE 1-7-2023 AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 04/14/2022.

Donald A. Mason
 DONALD A. MASON
 PROFESSIONAL LAND SURVEYOR
 MARYLAND REG. No. 21320

FEMA FIRM No. 24027C0050
 ZONE: X
 DATED: 11/06/2013

BENCHMARK
 ENGINEERS LAND SURVEYORS PLANNERS
ENGINEERING, INC.
 8480 BALTIMORE NATIONAL PIKE SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 (P) 410-485-6105 (F) 410-485-8644
 WWW.BE-CMLENGINEERING.COM

*Wall Check
 OK
 R/M 6/10/2022*



FOUNDATION DETAIL
 SCALE: 1" = 30'

WALL CHECK
MYRTUE PROPERTY
PLAT No. 23868
LOT No. 11
1841 DAVIS BRANCH ROAD

3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FIELD OBS. BY ML
 COMP. BY EWF
 DRAWN BY EWF SCALE: 1" = 50' DATE: 04/14/2022



HOWARD COUNTY HEALTH DEPARTMENT

71588

DATE 11/10/02

P5

Received From

Tarman and Anne
Excavating - Inc.

PHONE #

410 442-2130

For

Septic Permits - 11/12/14
Mixture Rept

CASH

CHECK

NO.

1147

One thousand one hundred

Dollars

\$

1188

Received By

JL

Emailed Permitt
Pickup

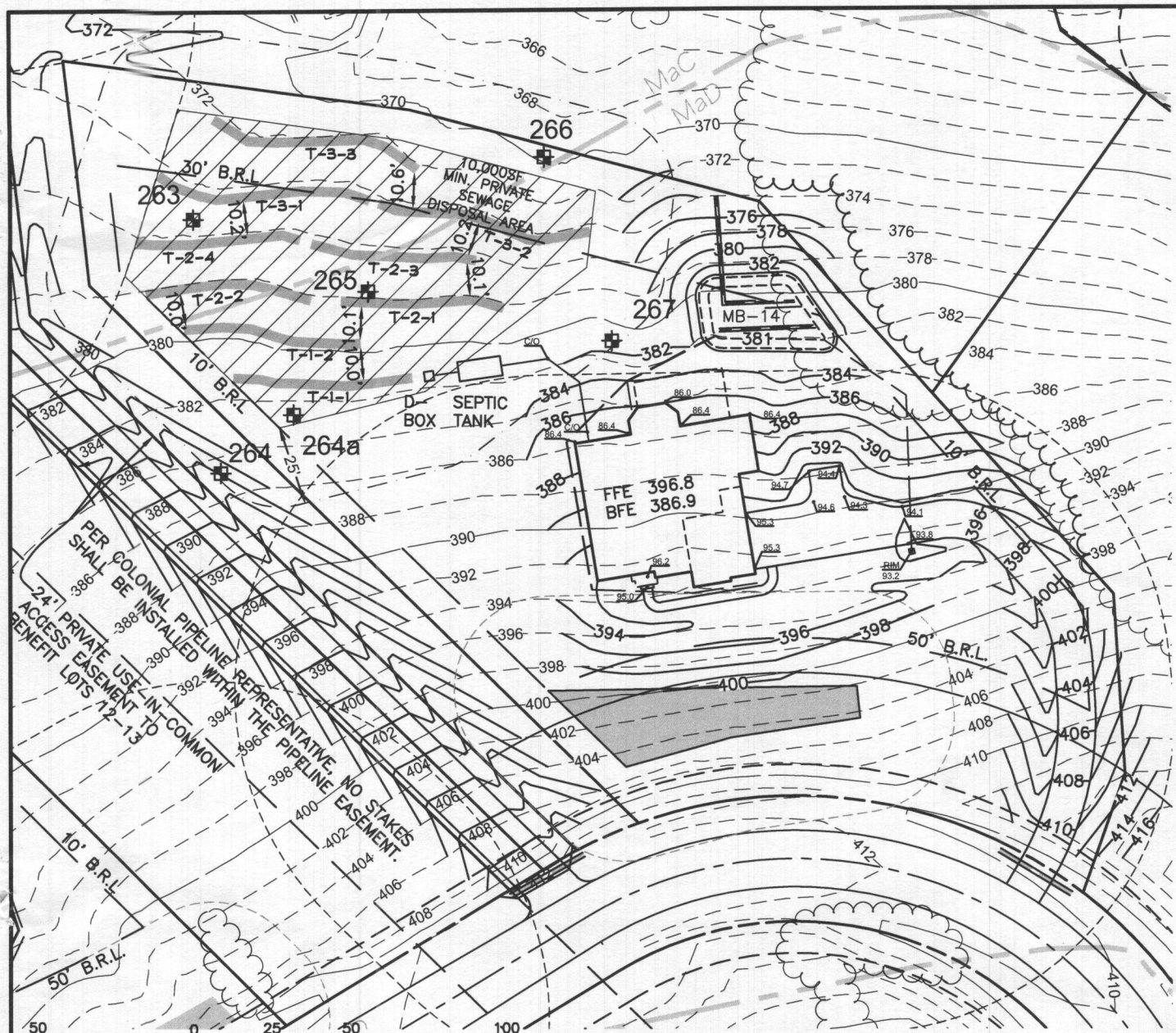
Bill Ingram

@

farmhomeex@

Verizon.net

RAC 6/13/2022



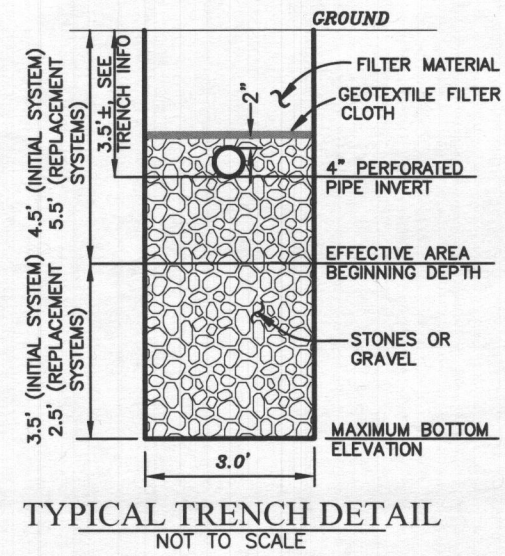
PLAN VIEW
1" = 50'



(IN FEET)
1 inch = 50 ft.

LEGEND

- 400 PROPOSED CONTOURS
- 398 EXISTING CONTOURS
- 400 EXISTING CONTOURS
- EXISTING PRIVATE SEWAGE DISPOSAL AREA
- EXISTING WELL BOX
- PROPOSED TREELINE
- EXISTING TREELINE
- SOILS MAP SYMBOL
- SOILS DELINEATION LINE
- PERC TEST PASSED
- PERC TEST FAILED



GRID NORTH

Approved Septic System Plan
 Howard County Health Department
 2000-Galen Septic tank
 to Gravity Drainfield
 for 6-Bedroom residence
 Signature: *[Signature]*
 Date: 9/27/21

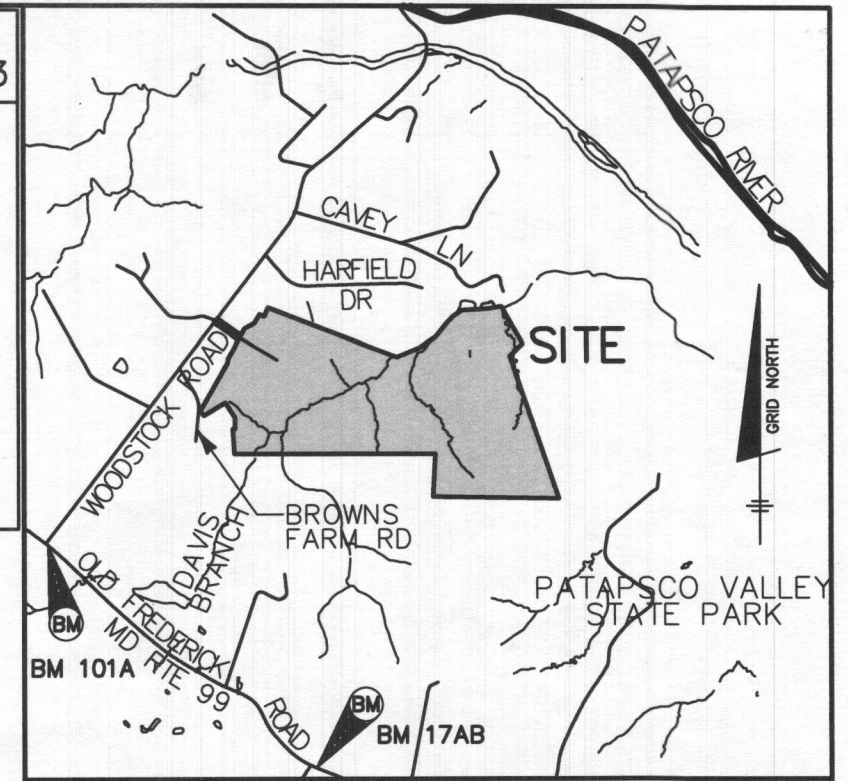
BENCHMARK INFORMATION NAD83

Ho. Co. STATION 17AB
 STAMPED DISC SET ON TOP OF CONCRETE COLUMN
 NORTHING: 564468.943'
 EASTING: 1318257.375'
 ELEVATION: 561.105'

Ho. Co. STATION 101A
 STAMPED DISC SET ON TOP OF CONCRETE COLUMN
 NORTHING: 565347.937'
 EASTING: 1319266.269'
 ELEVATION: 588.708'

GENERAL NOTES

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR MYRTUE PROPERTY, PLAT NUMBER 23868. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREA, ALL EASEMENTS AND CONDITIONS.
2. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1190) HAS BEEN FIELD LOCATED BY DAFT, McCUNE WALKER, INC. AND IS SHOWN IN ACCORDANCE WITH THEIR SURVEY.
3. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
4. TOPOGRAPHY SHOWN WAS FLOWN BY VIRGINIA RESOURCE MAPPING, INC. DATED FEBRUARY 2003 AND SUPPLEMENTED WITH FIELD SURVEY BY DMW, INC. DATED 2005.
5. SEDIMENT AND EROSION CONTROLS WILL BE SUBMITTED BY HOWARD SOILS CONSERVATION DISTRICT AS A CUSTOM GRADING PLAN.
6. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED BUILDING PERMIT AND CUSTOM GRADING PLANS.
7. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL BOX SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
8. ANY CHANGES 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.
9. ANY ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
10. THE SEPTIC TANK WILL BE A 2000 GALLON TWO COMPARTMENT TANK.
11. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
12. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS/OR SEPTIC SYSTEM HAVE BEEN SHOWN.



VICINITY MAP

SCALE: 1" = 2000'

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. 28376, Expiration Date: 01-01-2023.

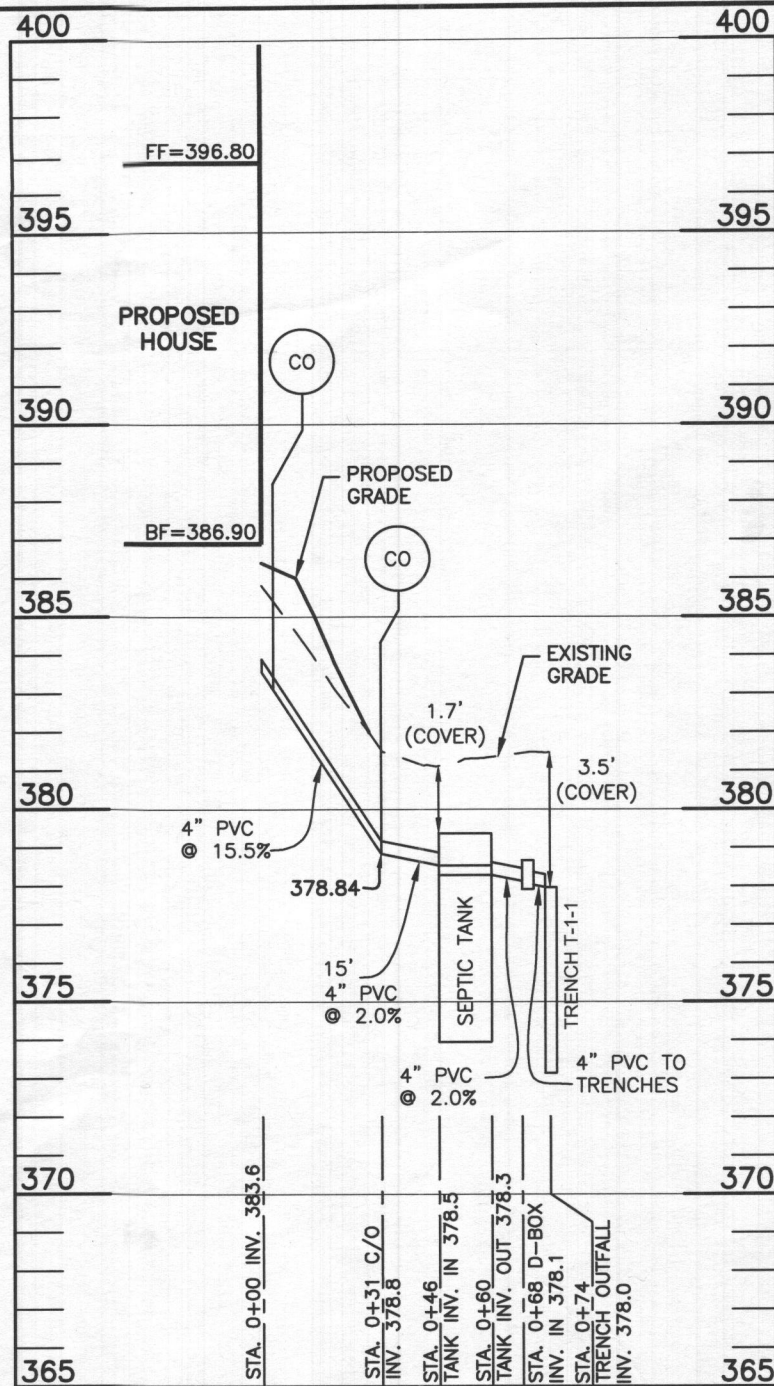


Aug 31 2021 2:00 PM DocuSign

OWNER/BUILDER:
 KEYSTONE CUSTOM HOMES, INC.
 227 GRANITE RUN DR.
 SUITE 100
 LANCASTER, PA 17601
 717-464-9060

BENCHMARK
 ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
 8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 (P) 410-485-6105 ▲ (F) 410-485-6644
 WWW.BEI-CIVILENGINEERING.COM

PROJECT:		MYRTUE PROPERTY LOT 14	
LOCATION:		TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO 1859 DAVIS BRANCH RD. WOODSTOCK, MD 21163 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352463	
TITLE:		ONSITE SEWAGE DISPOSAL PLAN	
HOUSE TYPE:		CUSTOM - KEYSTONE HOMES	
DATE:	AUGUST, 2021	PROJECT NO.	2099
SCALE:	AS SHOWN	DRAWING	1 OF 2

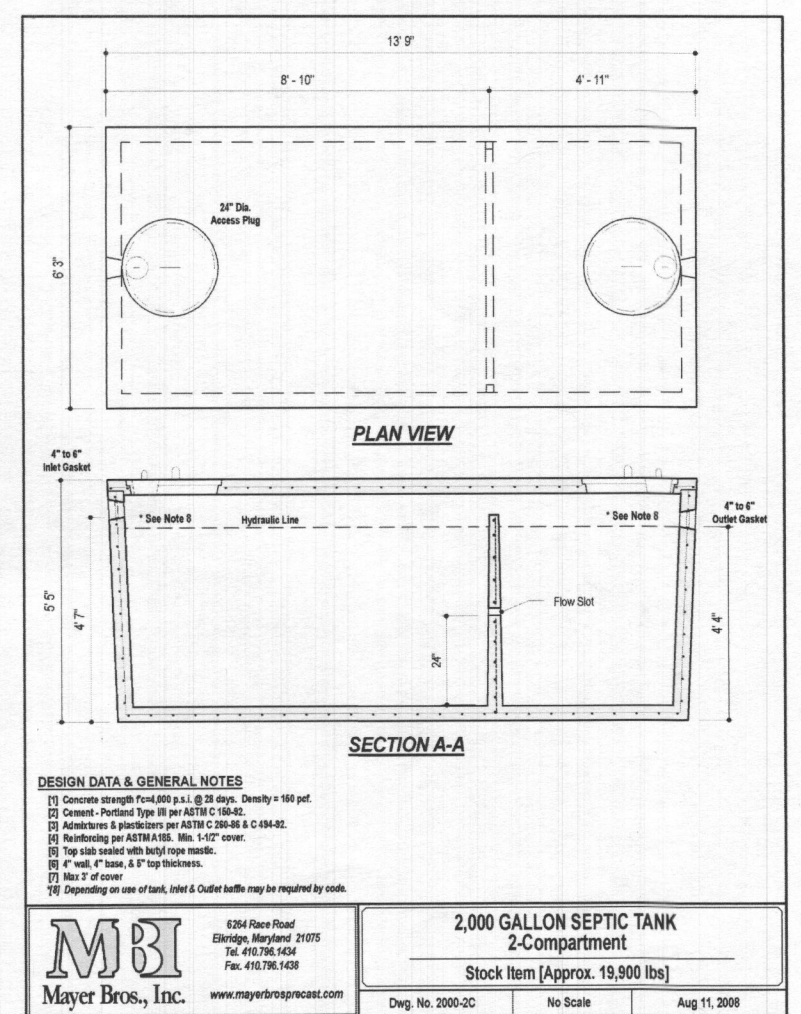


INITIAL SYSTEM		
Number of Bedrooms	6	
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	4.5	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	750	sf
Sidewall Reduction Credit	0.45	
Trench width	3	ft
Effective Area Depth	3.5	ft
Trench Spacing	10	ft
Linear Length of trench Required	114	lf

1ST REPLACEMENT SYSTEM		
Number of Bedrooms	6	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	5.5	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	1125	sf
Sidewall Reduction Credit	0.56	
Trench width	3	ft
Effective Area Depth	2.5	ft
Trench Spacing	10	ft
Linear Length of trench Required	208	lf

2ND REPLACEMENT SYSTEM		
Number of Bedrooms	6	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	5.5	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	1125	sf
Sidewall Reduction Credit	0.56	
Trench width	3	ft
Effective Area Depth	2.5	ft
Trench Spacing	10	ft
Linear Length of trench Required	208	lf

TRENCH DESIGN - Lot 14					
INITIAL SYSTEM					
T-1-1	LENGTH	56.9 ft	T-1-2	LENGTH	56.9 ft
	GROUND ELEVATION	381.3		GROUND ELEVATION	379.7
	INVERT ELEVATION	377.8		INVERT ELEVATION	374.7
	MAX BOTTOM ELEVATION	373.3		MAX BOTTOM ELEVATION	371.7
1ST REPLACEMENT SYSTEM					
T-2-1	LENGTH	52.1 ft	T-2-3	LENGTH	52.1 ft
	GROUND ELEVATION	378.2		GROUND ELEVATION	378.2
	INVERT ELEVATION	374.7		INVERT ELEVATION	374.7
	MAX BOTTOM ELEVATION	370.2		MAX BOTTOM ELEVATION	370.2
T-2-2	LENGTH	52.1 ft	T-2-4	LENGTH	52.1 ft
	GROUND ELEVATION	376.4		GROUND ELEVATION	376.4
	INVERT ELEVATION	372.9		INVERT ELEVATION	372.9
	MAX BOTTOM ELEVATION	368.4		MAX BOTTOM ELEVATION	368.4
2ND REPLACEMENT SYSTEM					
T-3-1	LENGTH	69.5 ft	T-3-2	LENGTH	69.5 ft
	GROUND ELEVATION	374.4		GROUND ELEVATION	374.4
	INVERT ELEVATION	370.9		INVERT ELEVATION	370.9
	MAX BOTTOM ELEVATION	366.4		MAX BOTTOM ELEVATION	366.4
T-3-3	LENGTH	69.5 ft			
	GROUND ELEVATION	372.2			
	INVERT ELEVATION	368.7			
	MAX BOTTOM ELEVATION	364.2			



Approved Septic System Plan
Howard County Health Department
2000-gal Septic Tank
to Gravity Distribution
for 6-bedroom residence
Signature: *[Signature]* Date: 9/27/21

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. 28376, Expiration Date: 01-01-2023.



Aug 31 2021 2:02 PM DocuSign

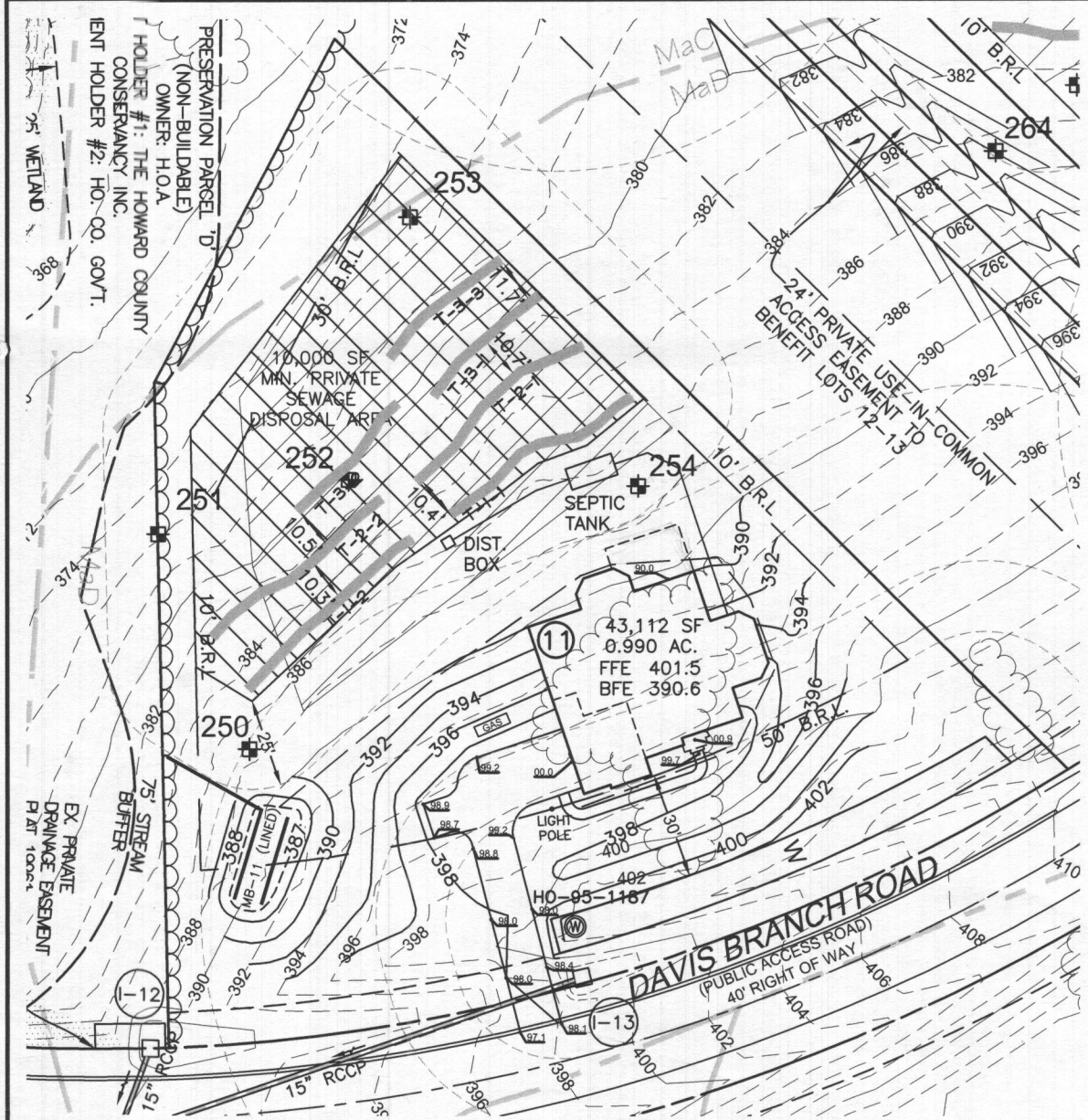
HEALTH DEPARTMENT SPEC SHEET INFORMATION - Lot 14			
System	Application Rate	Effective Depth	Bottom Depth
1st System	1.2	4.5	8.0
2nd system	0.8	5.5	8.0
3rd System	0.8	5.5	8.0

SEPTIC INVERT CHART - Lot 14	
INV @ HOUSE	383.6
GROUND @ HOUSE	386.4
INV IN SEPTIC TANK	378.5
INV OUT SEPTIC TANK	378.3
TOP OF SEPTIC TANK	379.4
GROUND OVER SEPTIC TANK	381.4
INV IN DIST BOX	378.1
INV OUT DIST BOX	378.0
GROUND AT DIST BOX	381.5

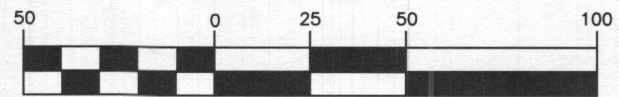
OWNER/BUILDER:
KEYSTONE CUSTOM HOMES, INC.
227 GRANITE RUN DR.
SUITE 100
LANCASTER, PA 17601
717-464-9060

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WWW.BEI-CIVILENGINEERING.COM

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TITLE:	ONSITE SEWAGE DISPOSAL PLAN		
HOUSE TYPE:	CUSTOM - KEYSTONE HOMES		
DATE:	AUGUST, 2021	PROJECT NO.	2099
SCALE:	AS SHOWN	DRAWING	2 OF 2

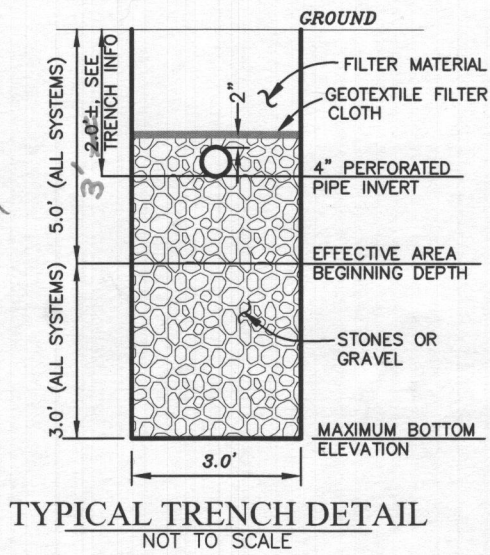


PLAN VIEW
1" = 50'



(IN FEET)
1 inch = 50 ft.

Approved Septic System Plan
Howard County Health Department
2000-gallon Septic Tank
To Gravity Distribution
for 6-Bedroom SFD
R. B. Miller
Signature *9/27/2021*
Date



TYPICAL TRENCH DETAIL
NOT TO SCALE

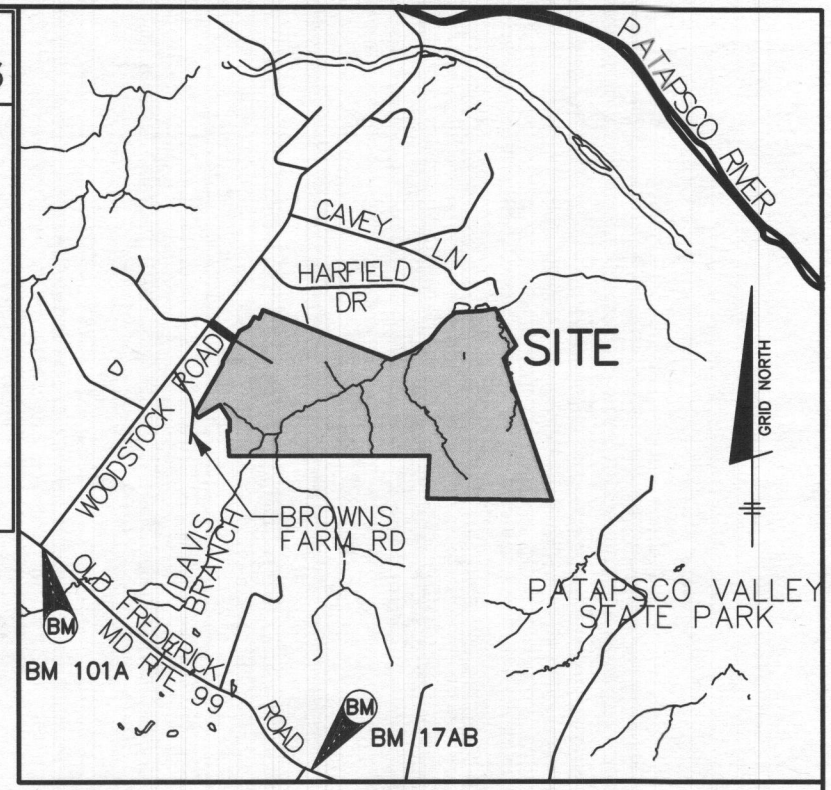
LEGEND

- 400 PROPOSED CONTOURS
- 398 EXISTING CONTOURS
- 400 EXISTING CONTOURS
- EXISTING PRIVATE SEWAGE DISPOSAL AREA
- EXISTING WELL BOX
- PROPOSED TREELINE
- EXISTING TREELINE
- SOILS MAP SYMBOL
- SOILS DELINEATION LINE
- PERC TEST PASSED
- PERC TEST FAILED

BENCHMARK INFORMATION NAD83

Ho. Co. STATION 17AB
STAMPED DISC SET ON TOP OF CONCRETE COLUMN
NORTHING: 564468.943'
EASTING: 1318257.375'
ELEVATION: 561.105'

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STAMPED DISC SET ON TOP OF CONCRETE COLUMN
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ELEVATION: 588.708'



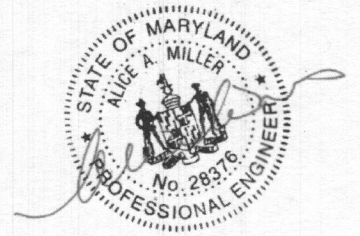
VICINITY MAP

SCALE: 1" = 2000'

GENERAL NOTES

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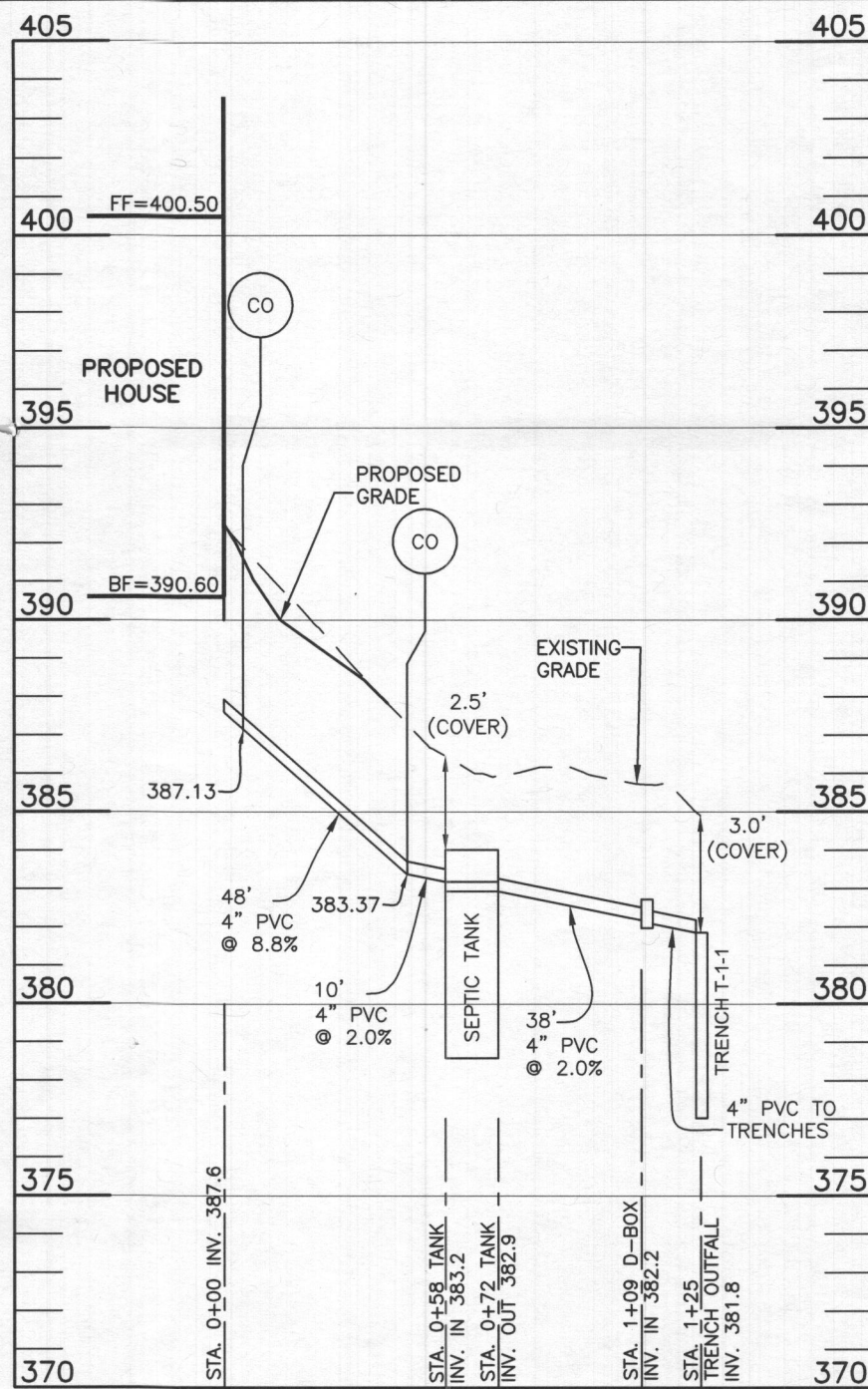
AAM-BEI

2021.08.05 08:10:57 -04'00

OWNER/BUILDER:
KEYSTONE CUSTOM HOMES, INC.
227 GRANITE RUN DR.
SUITE 100
LANCASTER, PA 17601
717-464-9060

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
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WWW.BEI-CIVILENGINEERING.COM

PROJECT:	MYRTUE PROPERTY LOT 11	
LOCATION:	TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO 1841 DAVIS BRANCH RD. WOODSTOCK, MD 21163 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352439	
TITLE:	ONSITE SEWAGE DISPOSAL PLAN	
HOUSE TYPE:	CUSTOM - KEYSTONE HOMES	
DATE:	JULY, 2021	PROJECT NO. 2099
SCALE:	AS SHOWN	DRAWING <u>1</u> OF <u>2</u>



SEWER OUTFALL LOT 11
SCALE: 1"=50' HORIZ., 1"=5' VERT.

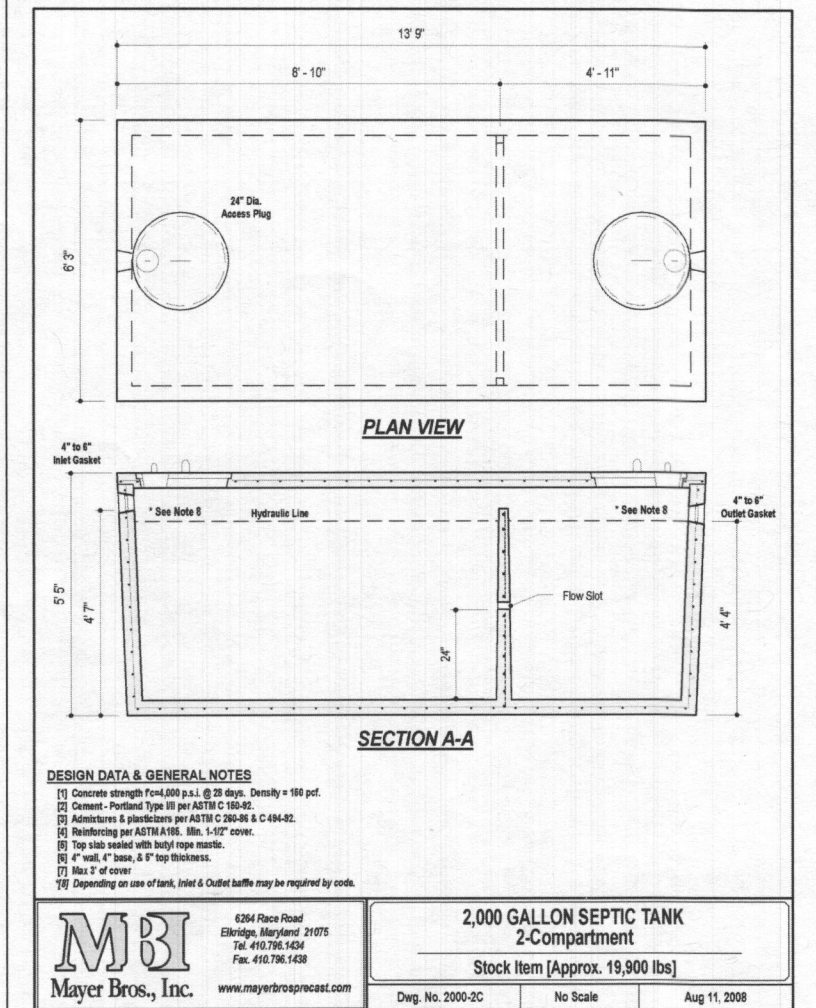
INITIAL SYSTEM		
Number of Bedrooms	6	
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	5.0	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	750	sf
Sidewall Reduction Credit	0.50	
Trench width	3	ft
Effective Area Depth	3	ft
Trench Spacing	10	ft
Linear Length of trench Required	125	lf

1ST REPLACEMENT SYSTEM		
Number of Bedrooms	6	
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	5.0	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	750	sf
Sidewall Reduction Credit	0.50	
Trench width	3	ft
Effective Area Depth	3	ft
Trench Spacing	10	ft
Linear Length of trench Required	125	lf

2ND REPLACEMENT SYSTEM		
Number of Bedrooms	6	
Application Rate	1.2	gpd/sf
Effective Area Beginning Depth	5.0	ft
Bottom Max Depth	8.0	ft
Design Flow	900	gpd
Drainage Field square footage	750	sf
Sidewall Reduction Credit	0.50	
Trench width	3	ft
Effective Area Depth	3	ft
Trench Spacing	10	ft
Linear Length of trench Required	125	lf

TRENCH DESIGN - Lot 11				
INITIAL SYSTEM				
T-1-1	LENGTH	62.5 ft	LENGTH	62.5 ft
	GROUND ELEVATION	385.0	GROUND ELEVATION	385.0
	INVERT ELEVATION	382.0	INVERT ELEVATION	382.0
	MAX BOTTOM ELEVATION	377.0	MAX BOTTOM ELEVATION	377.0
1ST REPLACEMENT SYSTEM				
T-2-1	LENGTH	62.5 ft	LENGTH	62.5 ft
	GROUND ELEVATION	383.0	GROUND ELEVATION	382.5
	INVERT ELEVATION	380.0	INVERT ELEVATION	379.5
	MAX BOTTOM ELEVATION	375.0	MAX BOTTOM ELEVATION	374.5
2ND REPLACEMENT SYSTEM				
T-3-1	LENGTH	41.7 ft	LENGTH	41.7 ft
	GROUND ELEVATION	381.0	GROUND ELEVATION	380.0
	INVERT ELEVATION	378.0	INVERT ELEVATION	377.0
	MAX BOTTOM ELEVATION	373.0	MAX BOTTOM ELEVATION	372.0
T-3-3	LENGTH	41.7 ft		
	GROUND ELEVATION	378.4		
	INVERT ELEVATION	375.4		
	MAX BOTTOM ELEVATION	370.4		

HEALTH DEPARTMENT SPEC SHEET INFORMATION - Lot 11			
System	Application Rate	Effective Depth	Bottom Depth
1st System	1.2	5.0	8.0
2nd system	1.2	5.0	8.0
3rd System	1.2	5.0	8.0



DESIGN DATA & GENERAL NOTES
 [1] Concrete strength Fc=4,000 p.s.i. @ 28 days. Density = 150 pcf.
 [2] Cement - Portland Type III per ASTM C 150-92.
 [3] Admixtures & plasticizers per ASTM C 200-96 & C 494-92.
 [4] Reinforcing per ASTM A193. Min. 1-1/2" cover.
 [5] Top slab sealed with butyl rope mastic.
 [6] 4" wall, 4" base, 2 1/2" top thickness.
 [7] Max 5' of cover.
 [8] Depending on use of tank, Inlet & Outlet baffles may be required by code.

MBI
Mayer Bros., Inc.
6264 Race Road
Elkridge, Maryland 21075
Tel. 410.796.1434
Fax. 410.796.1438
www.mayerbrospipe.com

2,000 GALLON SEPTIC TANK
2-Compartment
Stock Item [Approx. 19,900 lbs]
Dwg. No. 2000-2C No Scale Aug 11, 2008

Approved Septic System Plan
Howard County Health Department
2000-gallon Septic Tank
to Gravity Distribution
for 6-bedroom residence
[Signature]
Date 9/27/2021

SEPTIC INVERT CHART - Lot 11	
INV @ HOUSE	387.6
GROUND @ HOUSE	392.5
INV IN SEPTIC TANK	383.2
INV OUT SEPTIC TANK	382.9
TOP OF SEPTIC TANK	384.0
GROUND OVER SEPTIC TANK	386.5
INV IN DIST BOX	382.2
INV OUT DIST BOX	382.1
GROUND AT DIST BOX	385.7

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. 28376, Expiration Date: 01-01-2023.



AAM-BEI
2021.08.04 15:20:47 -04'00

OWNER/BUILDER:
KEYSTONE CUSTOM HOMES, INC.
227 GRANITE RUN DR.
SUITE 100
LANCASTER, PA 17601
717-464-9060

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 ▲ (F) 410-465-6644
WWW.BEI-CIVILENGINEERING.COM

PROJECT:	MYRTUE PROPERTY LOT 11		
LOCATION:	TAX MAP: 10, GRID: 24, PARCEL: 225, ZONED: RC-DEO 1841 DAVIS BRANCH RD. WOODSTOCK, MD 21163 6TH ELECTION DISTRICT, HOWARD COUNTY, MD, TAX ID 352439		
TITLE:	ONSITE SEWAGE DISPOSAL PLAN		
HOUSE TYPE:	CUSTOM - KEYSTONE HOMES		
DATE:	JULY, 2021	PROJECT NO.	2099
SCALE:	AS SHOWN	DRAWING	2 OF 2