

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: _____ **ONSITE SEWAGE DISPOSAL SYSTEM** P _____

APPROVAL DATE: 07/19/2021 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 18493 18455 Hidden Creek Way

SUBDIVISION: Windsor Forest Knolls LOT: 8 TAX ID: 1404373235

CONTRACTOR: Bill Ingram, Farm + Home Excavating EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

PROPERTY OWNER: Keystone Custom Homes EMAIL: _____

OWNER ADDRESS: 227 Granite Run Dr. Suite 100 Lancaster, PA 17601 PHONE: 717-464-9060

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Mayer Bros

PUMP MODEL: NA PUMP SIZE NA PUMP TANK CAPACITY: NA

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>156</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:		

ISSUED BY: Robert Freemon ISSUE DATE: 6/23/2021 EXPIRATION DATE: 6/23/2022

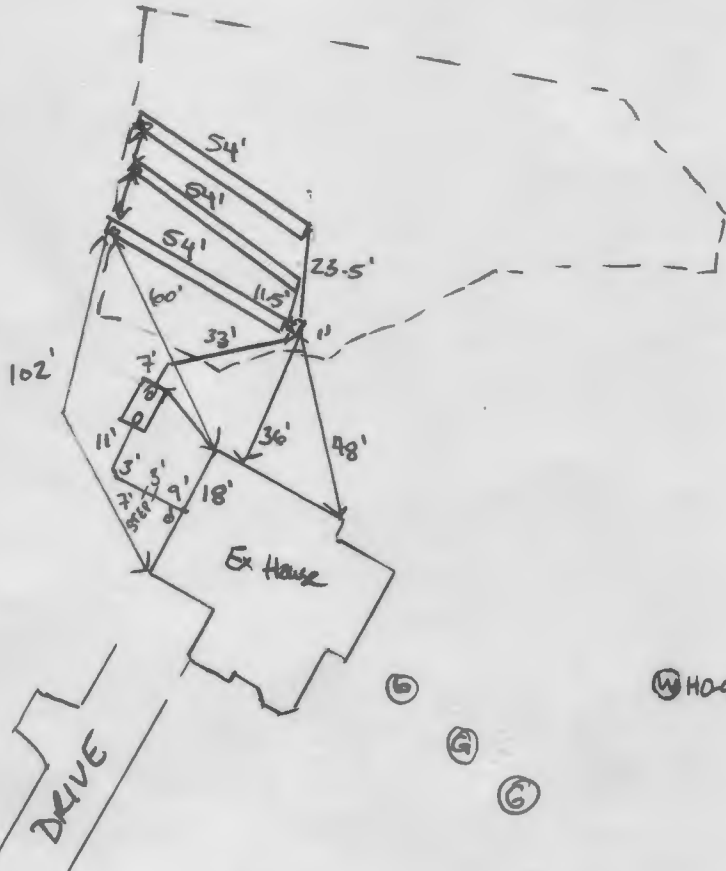
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- 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.

18445 Hidden Creek Way
 NOT TO SCALE 1" = 50'



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	2'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		162 F
ABSORPTION AREA		486 SF
DISTRIBUTION BOX LEVEL		SPEED
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	2.5
BAFFLES	YES
BAFFLE FILTER	-
MANHOLE LOC	FRONT/BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	04/30/2021
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	

ROAD NAME
 Hidden Creek Way

PRE-CONSTRUCTION:

6/23/21 laid out 3 x 52.1' trenches on contour according to plan (SP)

INSTALLATION:

07/19/2021 S/T, SL TANK & BOX AND TRENCHES INSTALLED
 D BOX LEVELED w/ SPEED LEVELS. (SP)

FINAL INSPECTOR

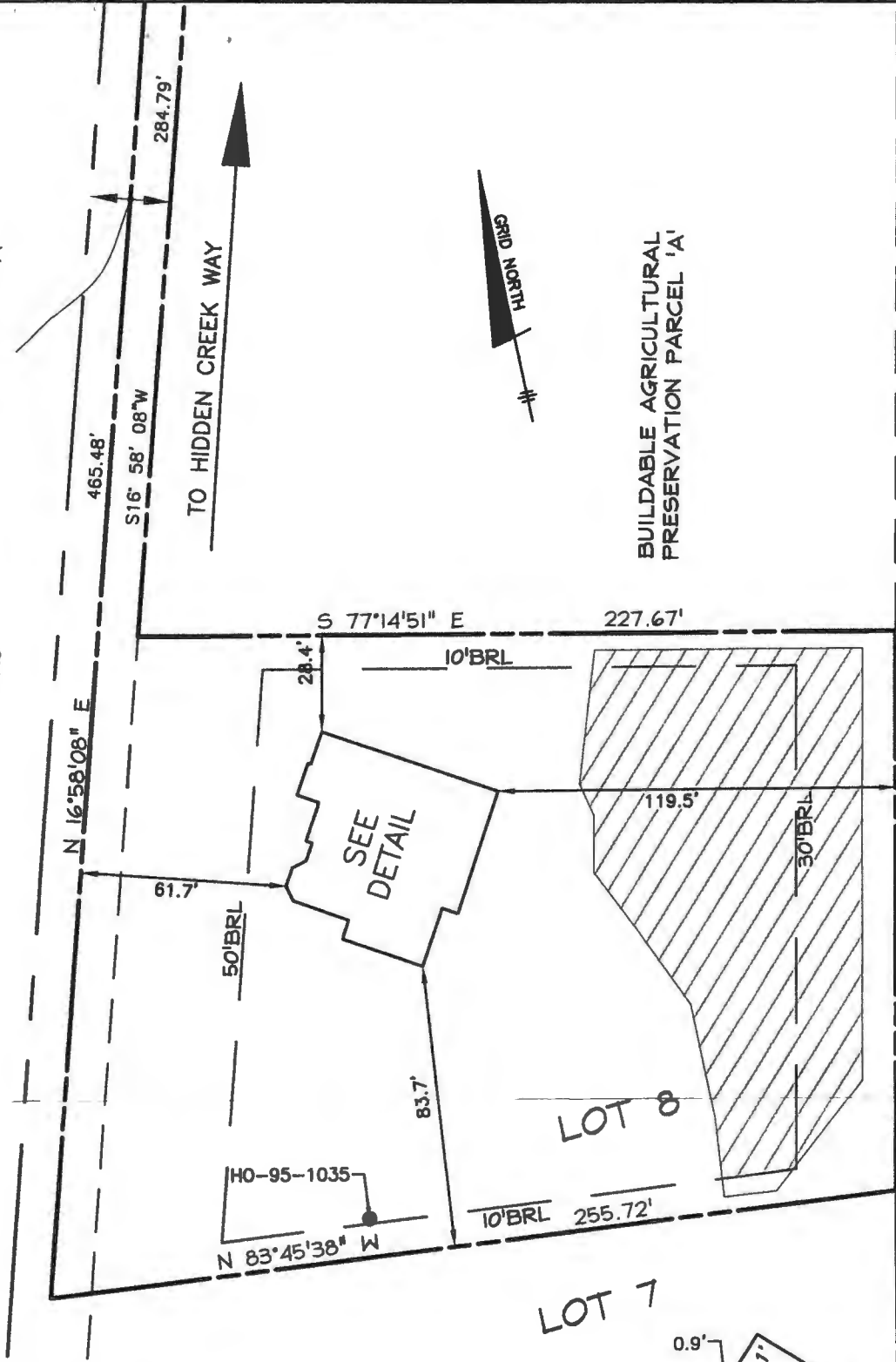
[Handwritten Signature]

DATE OF APPROVAL

07/19/2021

24' Private Use-In-Common Access Easement for Lots 7, 8 & Buildable Preservation Parcel 'A'

PAYNE'S VIEW LOT 1 PLAT NO. 10069 ZONED: RC

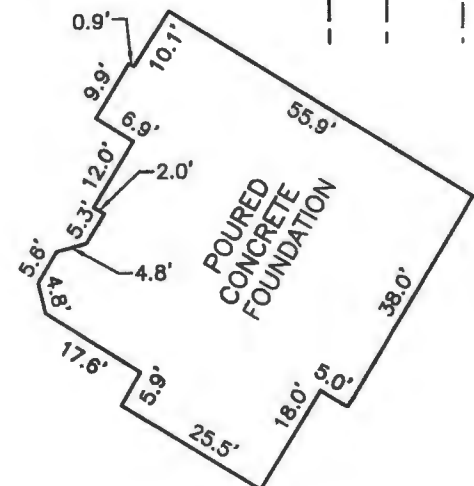


BUILDABLE AGRICULTURAL PRESERVATION PARCEL 'A'

BUILDABLE AGRICULTURAL PRESERVATION PARCEL 'A' Privately Owned and Maintained Easement Holder: Agricultural Land Preservation Program HO-02-01-PPSD

DRAINAGE 20' PRIVATE EASEMENT

LOT 7



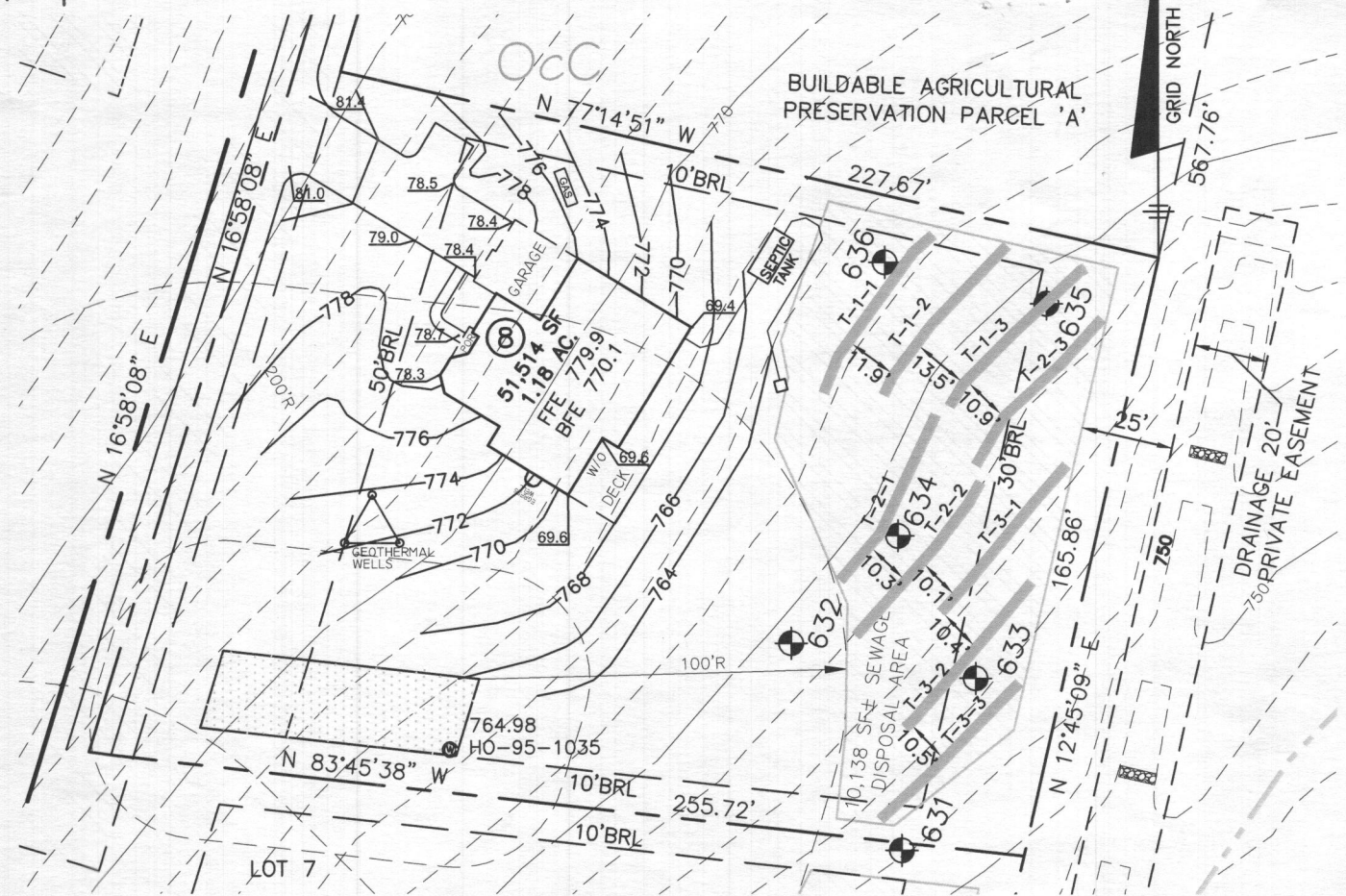
TOP OF FOUNDATION WALL = 778.5'
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

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 01/17/2023

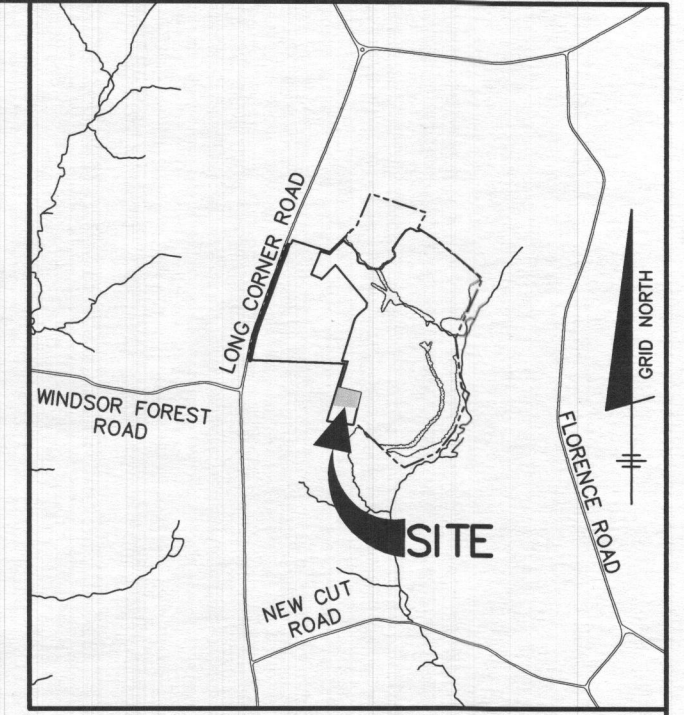
HHPs

769 335 2001



LEGEND

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



VICINITY MAP
SCALE: 1" = 2000'

PLAN VIEW

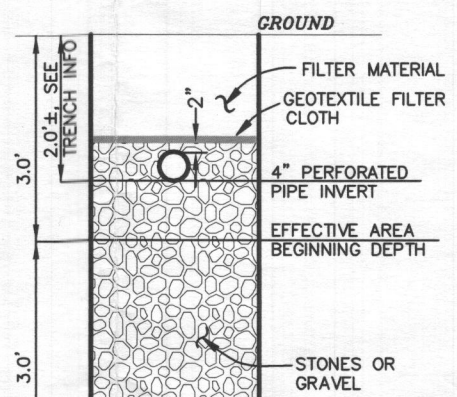


GENERAL NOTES

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR WINDSOR FOREST KNOLLS, PLAT NUMBER 19395. REFER TO THE PLAT FOR LOT DIMENSIONS, LOT AREA, ALL EASEMENTS AND CONDITIONS.
2. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-1035) HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING INC. JULY 2020 AND IS ACCURATELY SHOWN.
3. TOPOGRAPHY SHOWN WAS BASED ON FIELD RUN TOPOGRAPHY BY C.B. MILLER &

2211
5933
3150
57993

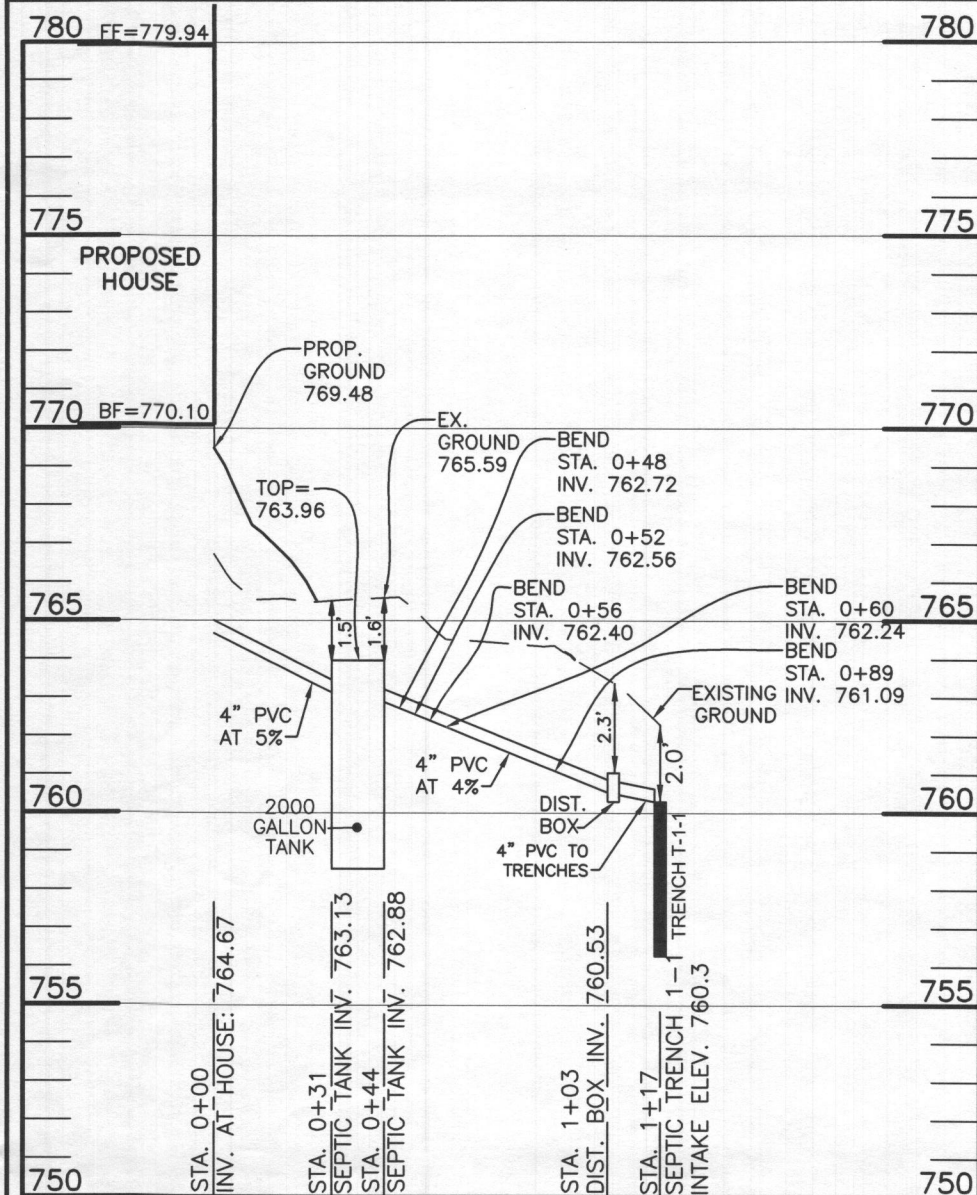
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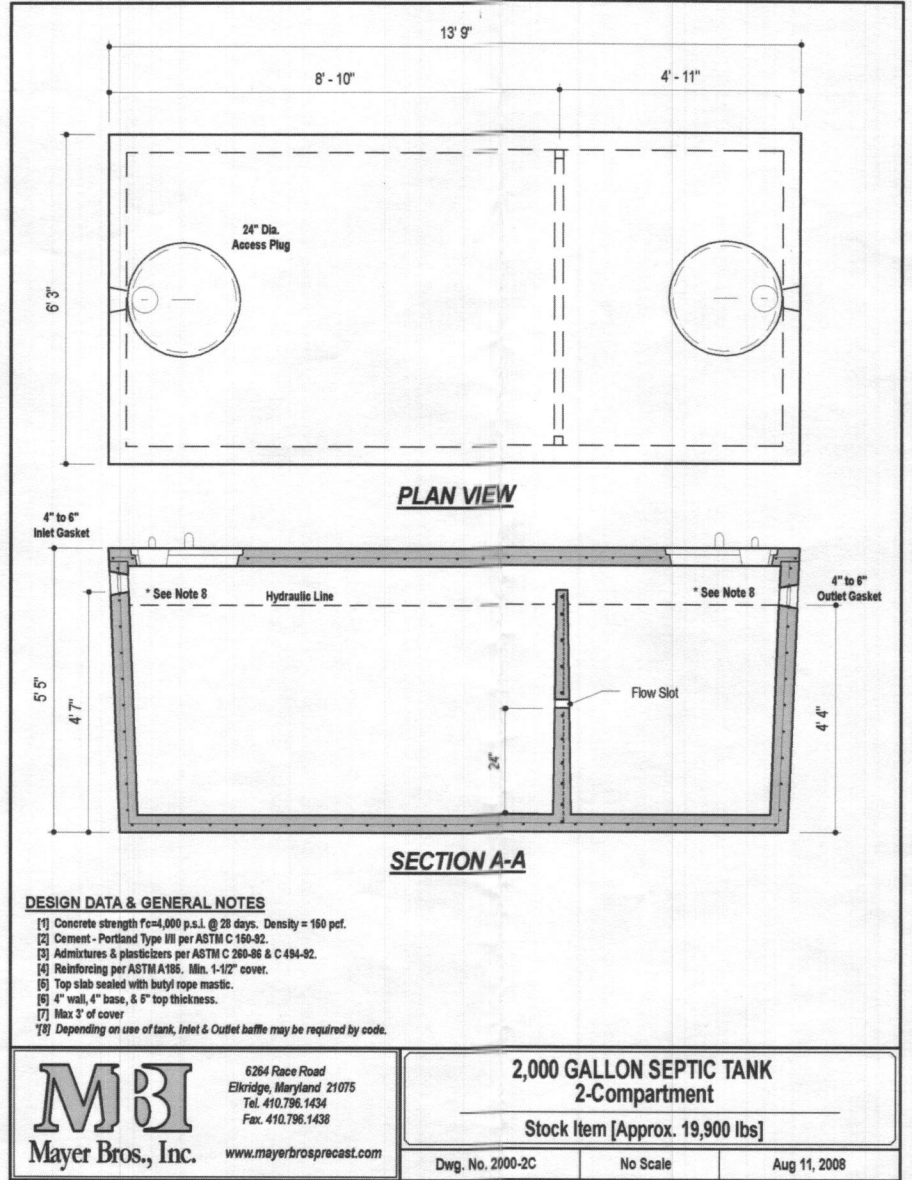
Approved Septic System Plan
Howard County Health Department
Robert J. Miller
Signature
10/23/2020
Date

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: 01-01-2021.





LOT 8 SEPTIC PROFILE
 SCALE: 1"=50' HORIZ., 1"=5' VERT.



INITIAL SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	6.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.50	
Trench width	3	ft
Effective Area Depth	3	ft
Trench Spacing	10	ft
Trench Length Required	156	lf

1ST REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	6.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.50	
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Effective Area Depth	3	ft
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Trench Length Required	156	lf

2ND REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	6.0	ft
Design Flow	750	gpd
Drainage Field square footage	938	sf
Sidewall Reduction Credit	0.50	
Trench width	3	ft
Effective Area Depth	3	ft
Trench Spacing	10	ft
Trench Length Required	156	lf

Approved Septic System Plan
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SEPTIC INVERT CHART - Lot 8	
INV @ HOUSE	764.7
GROUND @ HOUSE	769.5
INV IN SEPTIC TANK	763.1
INV OUT SEPTIC TANK	762.9
TOP OF SEPTIC TANK	764.0
GROUND OVER SEPTIC TANK	765.6
INV IN DIST BOX	760.5
INV OUT DIST BOX	760.4
GROUND AT DIST BOX	763.3

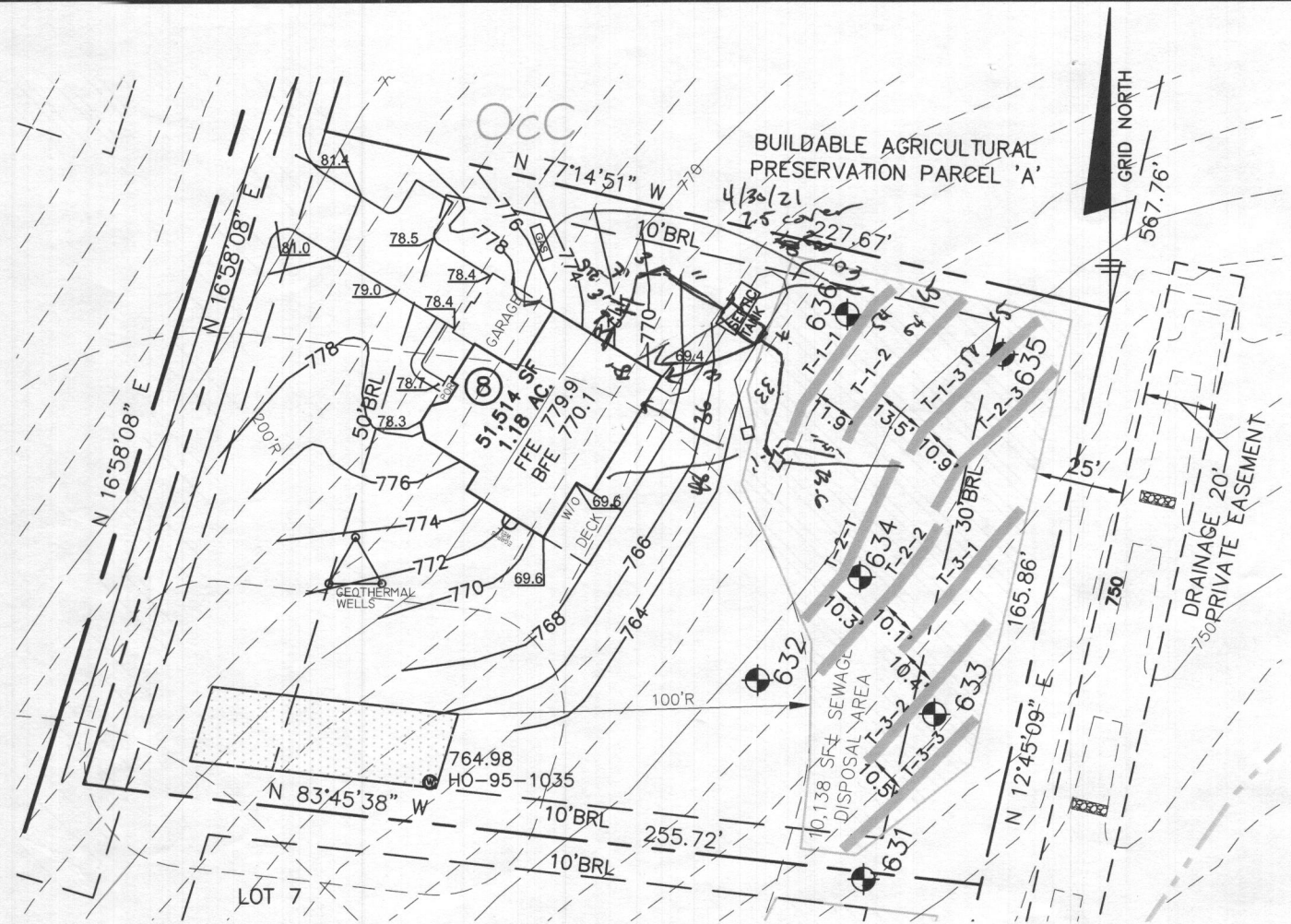
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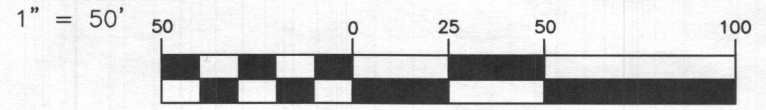
TRENCH DESIGN - Lot 8					
INITIAL SYSTEM					
T-1-1	LENGTH	52.1 ft	T-1-2	LENGTH	52.1 ft
			T-1-3	LENGTH	52.1 ft

HEALTH DEPARTMENT SPEC SHEET INFORMATION - Lot 8

System	Application Rate	Effective Depth	Bottom Depth
1st System	0.8	3.0	6.0
2nd system	0.8	3.0	6.0



PLAN VIEW



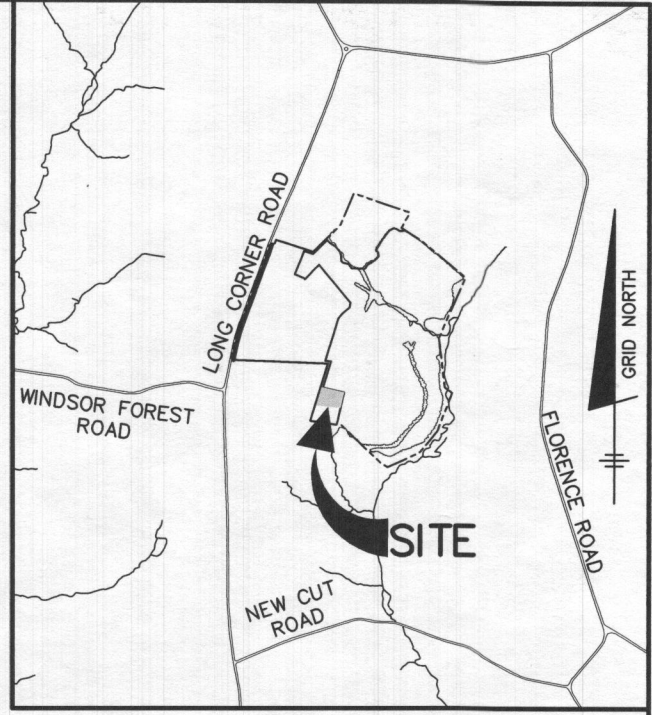
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(IN FEET)
1 inch = 50 ft.

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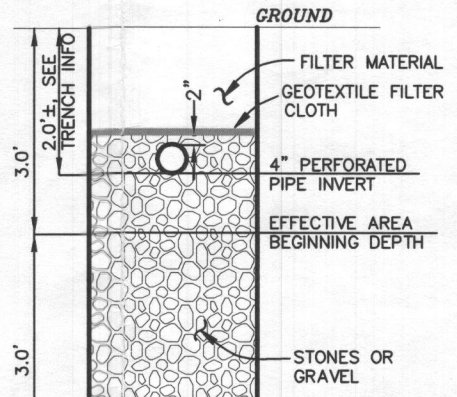
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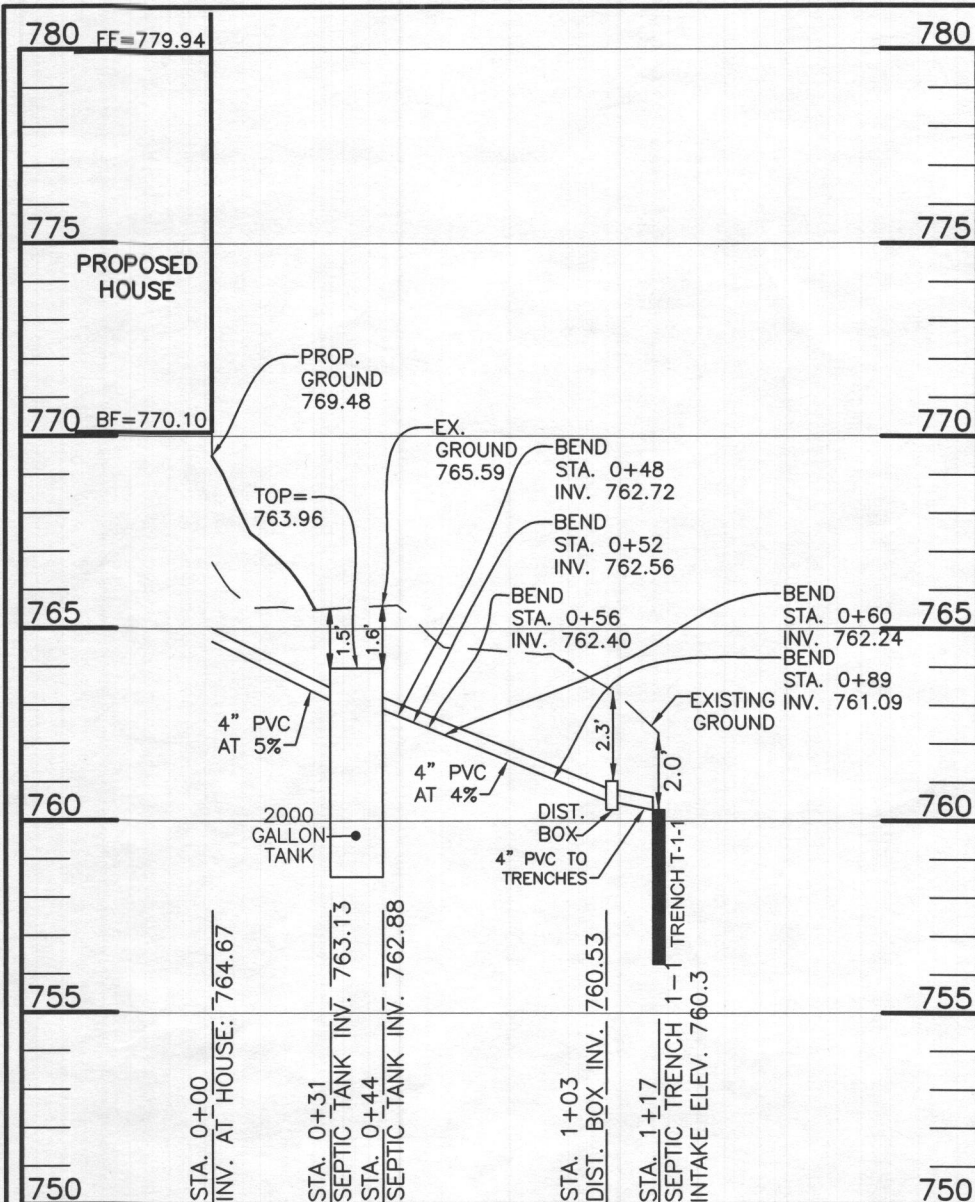
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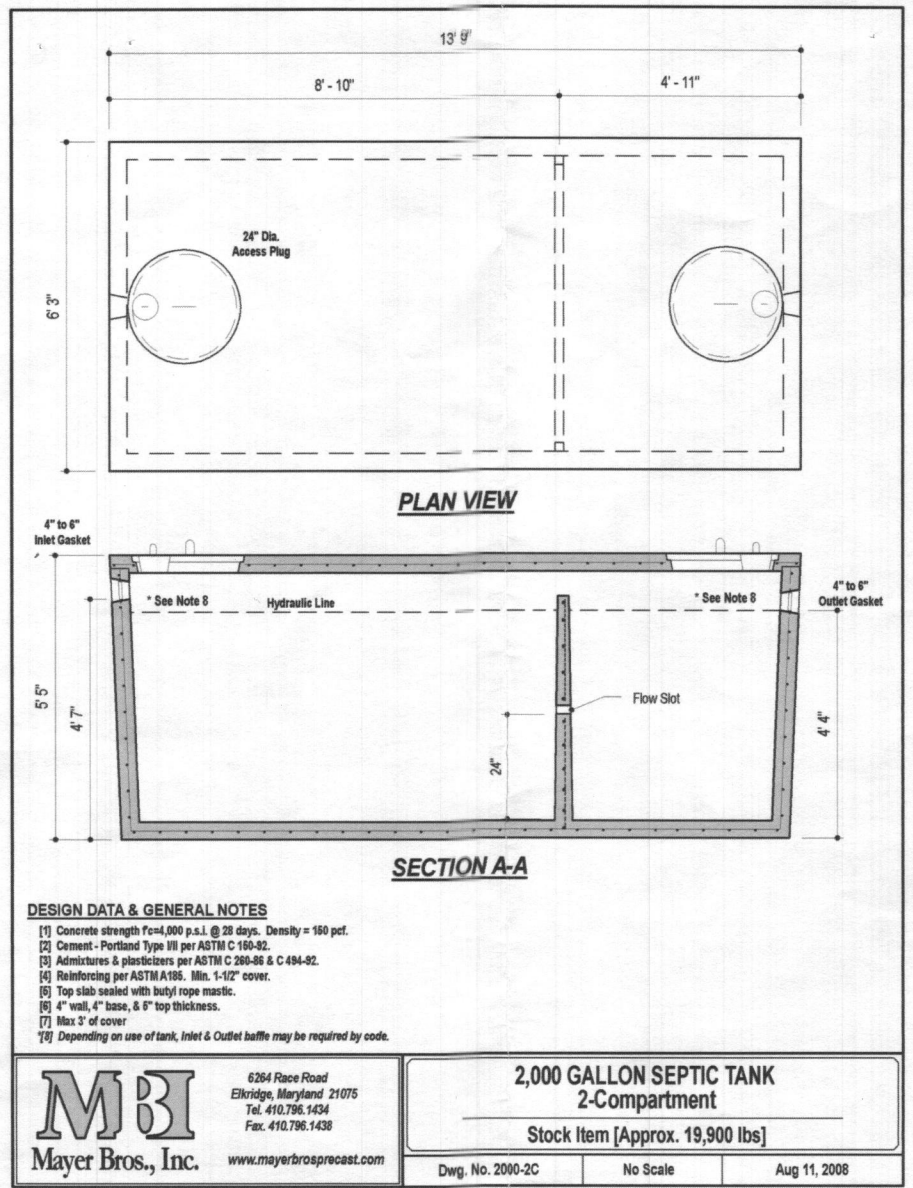
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[Signature] 10/25/2020
 Signature Date

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