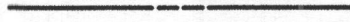

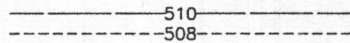
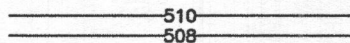
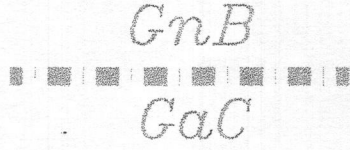
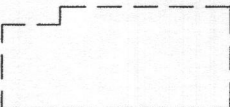


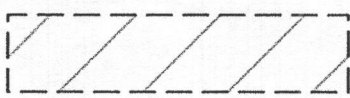






LEGEND

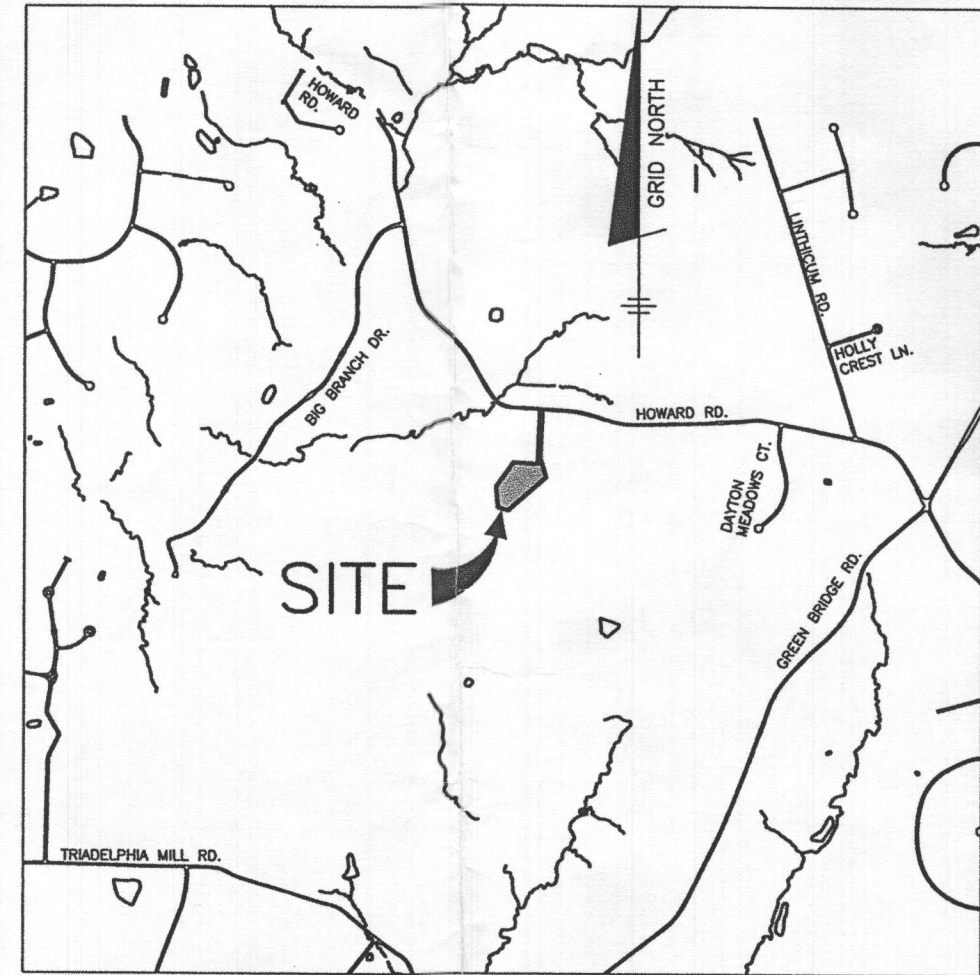
-  PROPERTY BOUNDARY
-  ADJACENT PROPERTY BOUNDARY
-  EXISTING CONTOUR LINES
-  EXISTING CONTOUR LINES
-  SOIL DELINEATION
-  EXISTING HOUSE
-  EXISTING TREELINE
-  PROPOSED TREELINE
-  SEWAGE DISPOSAL AREA
-  EXISTING WELL (NO TAG #) TO BE ABANDONED
-  PROPOSED WELL SITE
-  PASSED PERC TEST - 12/6/18
-  FAILED PERC TEST - 12/6/18

Approved Septic System Plan
 Howard County Health Department
Henry Gustaf 8/9/19
 Signature Date

BENCHMARK NAD'83 HORIZONTAL
 TRAV. 1: SPIKE
 N 573128.7090', E 1312018.7500', ELEV. 531.402'
 TRAV. 2: SPIKE
 N 573005.1020', E 1311915.4440', ELEV. 528.846'

GENERAL NOTES

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR HARMAN SUBDIVISION, PLAT #7388. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND CONDITIONS.
2. TOPOGRAPHY SHOWN IS BASED ON FIELD SURVEY BY BENCHMARK ENGINEERING, INC. DATED OCTOBER, 2019 AND SUPPLEMENTED WITH HOWARD COUNTY GIS AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
3. THE NEW WELL (HO-18-0095) DRILLED JULY, 2019 SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
4. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THERE ARE NO 25% OR GREATER SLOPES WITHIN LOT 3.
7. EXISTING WELL (NO TAG #), EXISTING SEPTIC TANK, AND DRY WELL TO BE PROPERLY ABANDONED.
8. THE EXISTING WELL AND SEPTIC SYSTEM MUST BE PROPERLY ABANDONED WITH DOCUMENTATION SENT TO THE HEALTH DEPARTMENT PRIOR TO THE ISSUANCE OF THE DEMO PERMIT.
9. THE PROPOSED SEWAGE DISPOSAL AREA SHOWN ON THIS PLAN IS 12,429 SQ. FT.
10. THE PROPOSED RESIDENCE IS A 5 BEDROOM HOUSE.
11. THE SEPTIC TANK WILL HAVE A 2000 GALLON TWO COMPARTMENT TANK.
12. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING BANK.
13. INITIAL ONSITE SEPTIC DISPOSAL SYSTEM SHALL BE GRAVITY FED TO THE SEPTIC DISPOSAL AREA #1, AND THE 2ND AND 3RD REPLACEMENT SYSTEM SHALL BE PUMPED TO SEPTIC DISPOSAL AREA #2.
14. IF OR WHEN SEPTIC DISPOSAL AREA #2 IS UTILIZED IN THE FUTURE, A PUMP AND PUMP TANK DESIGN SHALL BE REQUIRED.
15. 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.
16. ANY ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.

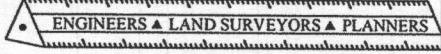


VICINITY MAP
 SCALE: 1" = 2000'

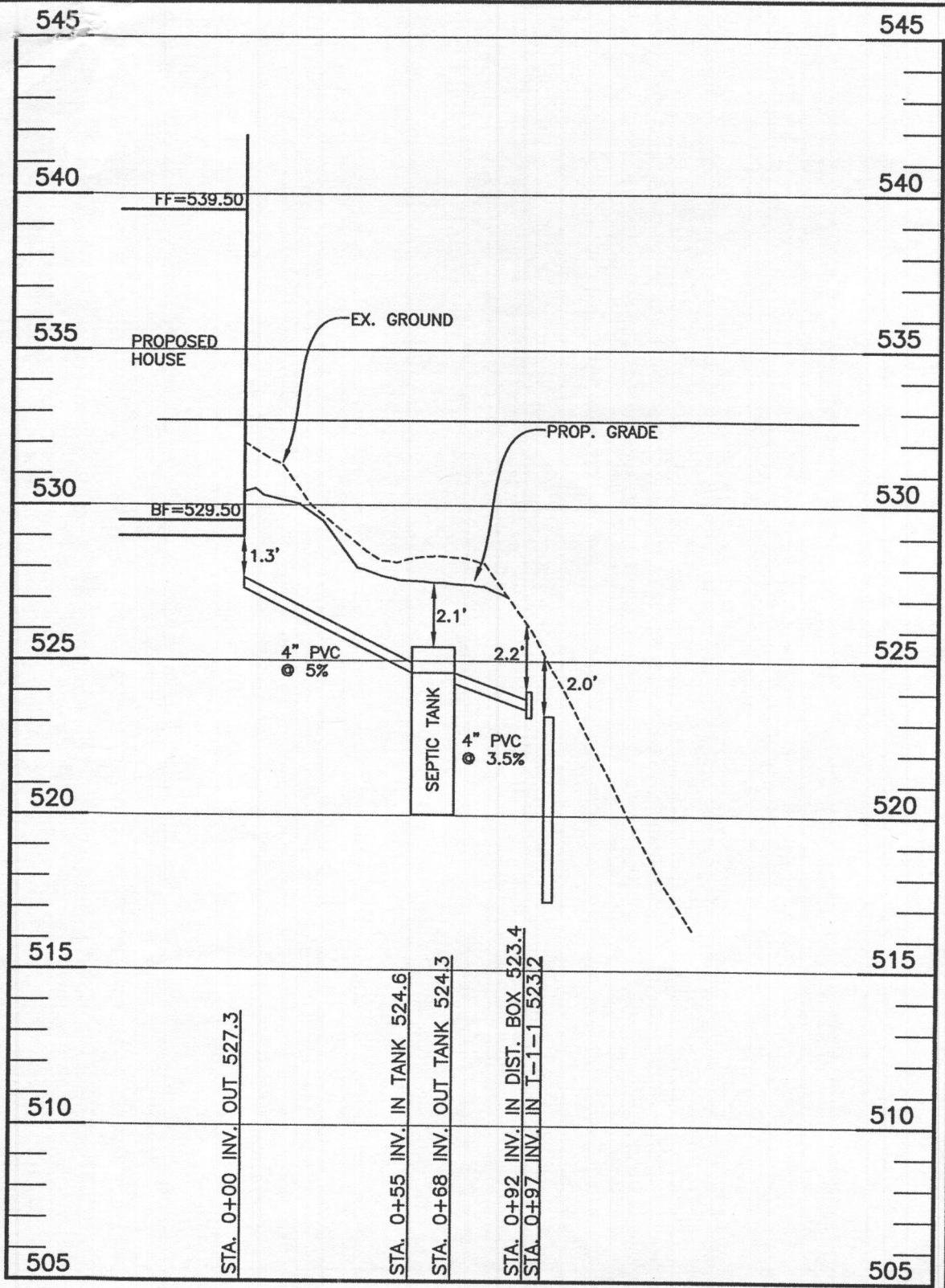
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 45577, Expiration Date: 06-08-2020.



8/6/19

BUILDER: W.R. BECKER, LLC 15300 CARRS MILL RD, WOODBINE, MD 21797 443-829-6036	OWNER: DEVIN KEENY C/O CHELSEA FERRUZZI 14043 HOWARD RD, DAYTON, MD 21036 443-677-4886	BENCHMARK  ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 ▲ (F) 410-465-6644 WWW.BEI-CMLENGINEERING.COM
---	--	---

PROJECT: HARMAN SUBDIVISION LOT 3	
LOCATION: 14041 HOWARD RD, DAYTON, MD 21036 TAX MAP: 27 - GRID: 6 - PARCEL: 94 ZONED: RC-DEO ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MD - TAX ID #352355	
TITLE: ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE: CUSTOM	
DATE: JULY, 2019	PROJECT NO. 2914
SCALE: AS SHOWN	DRAWING 1 OF 3



OSDS PROFILE
SCALE: 1" = 5' VERTICAL
1" = 50' HORIZONTAL

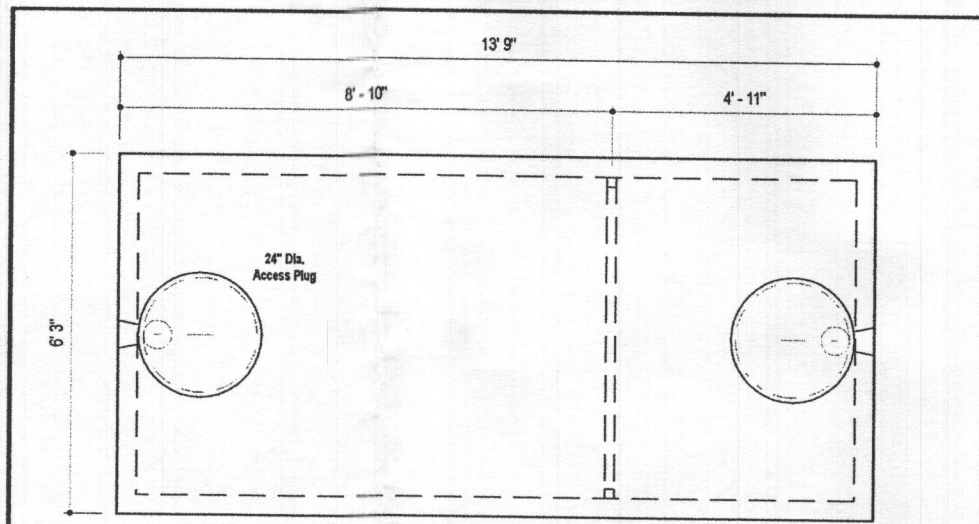
THIS PLAN IS FOR SEPTIC DESIGN ONLY

SIGNATURE AND SEAL ARE FOR SEPTIC PROFILE AND CALCULATIONS ONLY, TANK AND DETAILS WERE NOT DESIGNED OR REVIEWED BY THE ENGINEER:

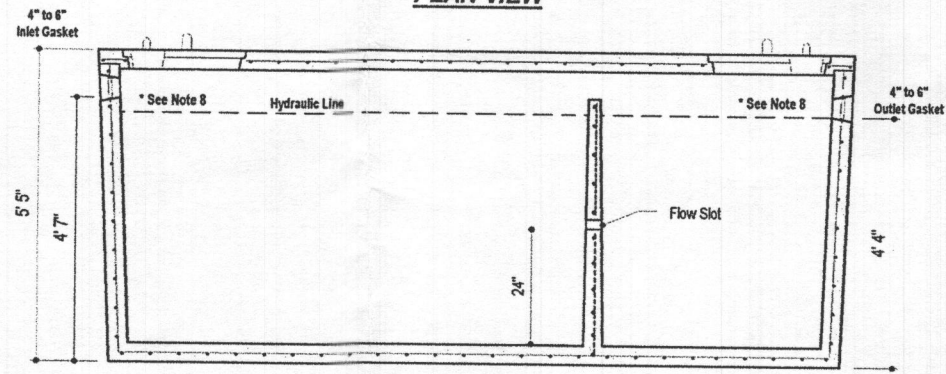
SEE MANUFACTURERS SPECIFICATIONS FOR DETAILS. WWW.MAYERPRECAST.COM EQUIVALENT FROM OTHER MANUFACTURERS CAN BE SUBSTITUTED.

TRENCH DATA - SEWAGE DISPOSAL AREA #1					
INITIAL SYSTEM					
TRENCH: T-1-1	LENGTH	37.3 ft	TRENCH 2: T-1-2	LENGTH	37.3 ft
	GROUND ELEVATION	525.2		GROUND ELEVATION	525.2
	INVERT ELEVATION	523.2		INVERT ELEVATION	523.2
	MAX BOTTOM ELEVATION	517.2		MAX BOTTOM ELEVATION	517.2
TRENCH 3: T-1-3	LENGTH	37.3 ft			
	GROUND ELEVATION	522.0		GROUND ELEVATION	522.0
	INVERT ELEVATION	520.0		INVERT ELEVATION	520.0
	MAX BOTTOM ELEVATION	514.0		MAX BOTTOM ELEVATION	514.0

HEALTH DEPT SPEC SHEET INFORMATION: SEWAGE DISPOSAL AREA #1			
System	Application Rate	Effective Depth	Bottom Depth
Initial System	0.8	3.0	8.0
HEALTH DEPT SPEC SHEET INFORMATION: SEWAGE DISPOSAL AREA #2			
System	Application Rate	Effective Depth	Bottom Depth
1st Replacement	0.8	3.0	8.0
2nd Replacement	0.8	3.0	8.0



PLAN VIEW



SECTION A-A

DESIGN DATA & GENERAL NOTES
 [1] Concrete strength $f_c=4,000$ p.s.i. @ 28 days. Density = 150 pcf.
 [2] Cement - Portland Type III per ASTM C 150-92.
 [3] Admixtures & plasticizers per ASTM C 260-96 & C 494-92.
 [4] Reinforcing per ASTM A185, Min. 1-1/2" cover.
 [5] Top slab sealed with butyl rope mastic.
 [6] 4" wall, 4" base, & 6" top thickness.
 [7] Max 3" of cover
 [8] Depending on use of tank, Inlet & Outlet baffle may be required by code.

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

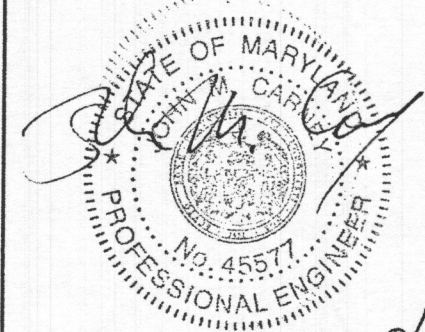
2,000 GALLON SEPTIC TANK
2-Compartment
Stock Item [Approx. 19,900 lbs]
Dwg. No. 2000-2C No Scale Aug 11, 2008

TRENCH DATA - SEWAGE DISPOSAL AREA #2	
1st REPLACEMENT SYSTEM	
TRENCH 1: T-2-1	
LENGTH	55.9 ft
GROUND ELEVATION	530.0
INVERT ELEVATION	528.0
MAX BOTTOM ELEVATION	522.0
TRENCH 2: T-2-2	
LENGTH	55.9 ft
GROUND ELEVATION	528.2
INVERT ELEVATION	526.2
MAX BOTTOM ELEVATION	520.2
2nd REPLACEMENT SYSTEM	
TRENCH: T-3-1	
LENGTH	55.9 ft
GROUND ELEVATION	527.0
INVERT ELEVATION	525.0
MAX BOTTOM ELEVATION	519.0
TRENCH: T-3-2	
LENGTH	55.9 ft
GROUND ELEVATION	524.5
INVERT ELEVATION	522.5
MAX BOTTOM ELEVATION	516.5

SEPTIC INVERT CHART	
INV @ HOUSE	527.3
GROUND @ HOUSE	530.4
INV IN SEPTIC TANK	524.6
INV OUT SEPTIC TANK	524.3
TOP OF TANK	525.4
GROUND OVER TANK	527.5
INV IN DIST BOX	523.4
INV OUT DIST BOX	523.3
GROUND AT DIST BOX	526.2

SEWAGE DISPOSAL AREA #1 (4,900 SQFT)		
INITIAL SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf
SEWAGE DISPOSAL AREA #2 (7,529 SQFT)		
1st REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf
2nd REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf

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. 45577, Expiration Date: 06-08-2020.



9/6/19

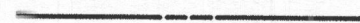

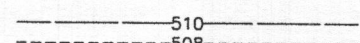
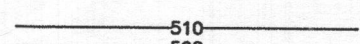
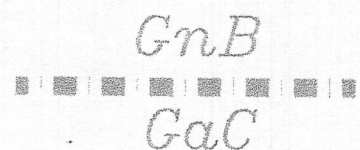
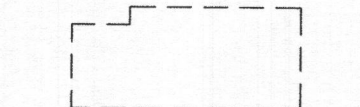


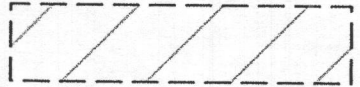




PROJECT:	HARMAN SUBDIVISION LOT 3		
LOCATION:	14041 HOWARD RD, DAYTON, MD 21036 TAX MAP: 27 - GRID: 6 - PARCEL: 94 ZONED: RC-DEO ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MD - TAX ID #352355		
TITLE:	ONSITE SEWAGE DISPOSAL SYSTEM PLAN		
HOUSE TYPE:	CUSTOM		
DATE:	JULY, 2019	PROJECT NO.	2914
SCALE:	AS SHOWN	DRAWING	3 OF 3

BUILDER:
W.R. BECKER, LLC
15300 CARRS MILL RD,
WOODBINE, MD 21797
443-829-6036

OWNER:
DEVIN KEENY
C/O CHELSEA FERRUZZI
14043 HOWARD RD,
DAYTON, MD 21036
443-677-4886

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

LEGEND

-  PROPERTY BOUNDARY
-  ADJACENT PROPERTY BOUNDARY
-  EXISTING CONTOUR LINES
-  EXISTING CONTOUR LINES
-  SOIL DELINEATION
-  EXISTING HOUSE
-  EXISTING TREELINE
-  PROPOSED TREELINE
-  SEWAGE DISPOSAL AREA
-  EXISTING WELL (NO TAG #)
TO BE ABANDONED
-  PROPOSED WELL SITE
-  PASSED PERC TEST - 12/6/18
-  FAILED PERC TEST - 12/6/18

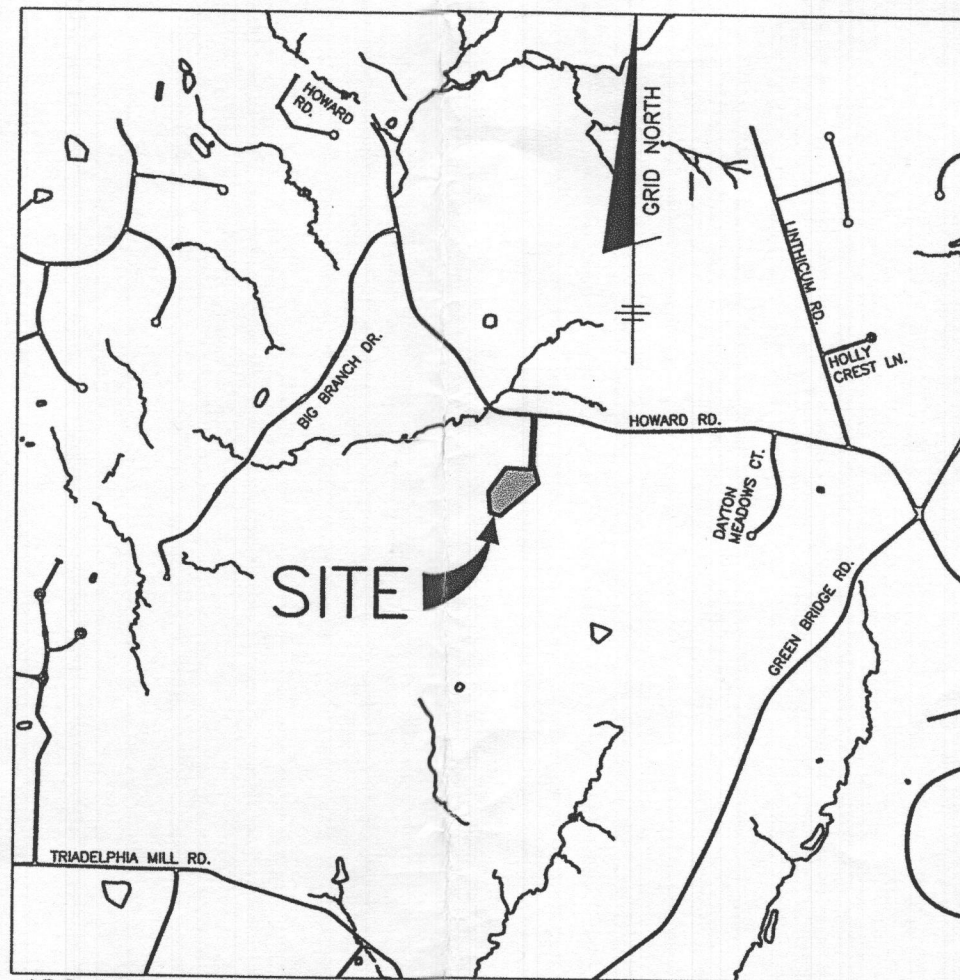
Approved Septic System Plan
Howard County Health Department

Henk Oswald 8/9/19
Signature Date

BENCHMARK NAD'83 HORIZONTAL
TRAV. 1: SPIKE
N 573128.7090', E 1312018.7500', ELEV. 531.402'
TRAV. 2: SPIKE
N 573005.1020', E 1311915.4440', ELEV. 528.846'

GENERAL NOTES

1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR HARMAN SUBDIVISION, PLAT #7388. REFER TO THE PLATS FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND CONDITIONS.
2. TOPOGRAPHY SHOWN IS BASED ON FIELD SURVEY BY BENCHMARK ENGINEERING, INC. DATED OCTOBER, 2019 AND SUPPLEMENTED WITH HOWARD COUNTY GIS AND CONSISTS OF 2 FOOT CONTOUR INTERVALS.
3. THE NEW WELL (HO-18-0095) DRILLED JULY, 2019 SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.
4. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
5. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
6. THERE ARE NO 25% OR GREATER SLOPES WITHIN LOT 3.
7. EXISTING WELL (NO TAG #), EXISTING SEPTIC TANK, AND DRY WELL TO BE PROPERLY ABANDONED.
8. THE EXISTING WELL AND SEPTIC SYSTEM MUST BE PROPERLY ABANDONED WITH DOCUMENTATION SENT TO THE HEALTH DEPARTMENT PRIOR TO THE ISSUANCE OF THE DEMO PERMIT.
9. THE PROPOSED SEWAGE DISPOSAL AREA SHOWN ON THIS PLAN IS 12,429 SQ. FT.
10. THE PROPOSED RESIDENCE IS A 5 BEDROOM HOUSE.
11. THE SEPTIC TANK WILL HAVE A 2000 GALLON TWO COMPARTMENT TANK.
12. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING BANK.
13. INITIAL ONSITE SEPTIC DISPOSAL SYSTEM SHALL BE GRAVITY FED TO THE SEPTIC DISPOSAL AREA #1, AND THE 2ND AND 3RD REPLACEMENT SYSTEM SHALL BE PUMPED TO SEPTIC DISPOSAL AREA #2.
14. IF OR WHEN SEPTIC DISPOSAL AREA #2 IS UTILIZED IN THE FUTURE, A PUMP AND PUMP TANK DESIGN SHALL BE REQUIRED.
15. 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.
16. ANY ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.

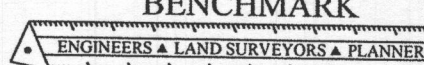


VICINITY MAP
SCALE: 1" = 2000'

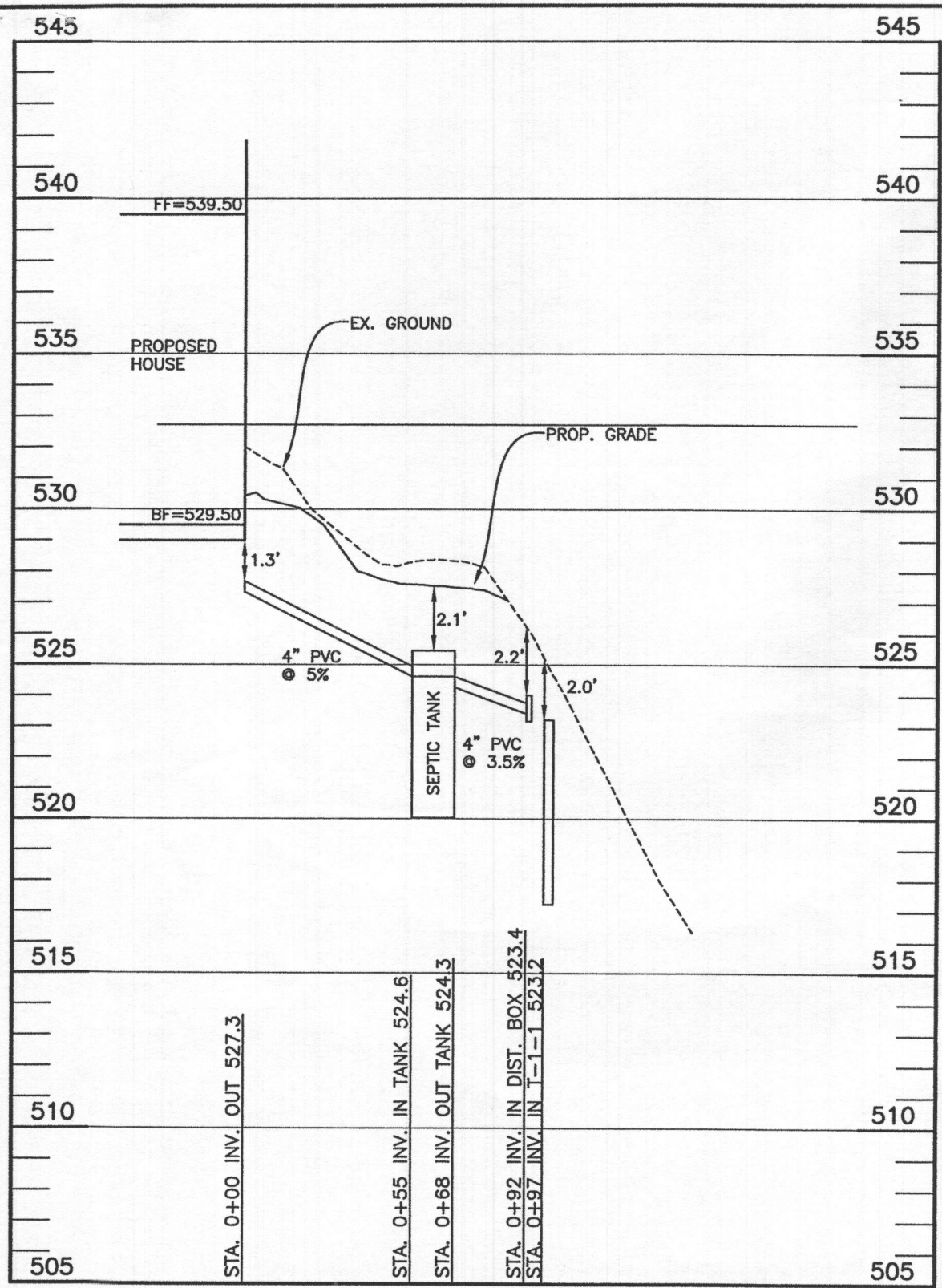
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 45577, Expiration Date: 06-08-2020.



8/6/19

BUILDER: W.R. BECKER, LLC 15300 CARRS MILL RD, WOODBINE, MD 21797 443-829-6036	OWNER: DEVIN KEENY C/O CHELSEA FERRUZZI 14043 HOWARD RD, DAYTON, MD 21036 443-677-4886	BENCHMARK  ENGINEERING, INC. 8480 BALTIMORE NATIONAL PIKE & SUITE 315 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 ▲ (F) 410-465-6644 WWW.BEI-CVLENGINEERING.COM
---	--	---

PROJECT: HARMAN SUBDIVISION LOT 3	
LOCATION: 14041 HOWARD RD, DAYTON, MD 21036 TAX MAP: 27 - GRID: 6 - PARCEL: 94 ZONED: RC-DEO ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MD - TAX ID #352355	
TITLE: ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE: CUSTOM	
DATE: JULY, 2019	PROJECT NO. 2914
SCALE: AS SHOWN	DRAWING 1 OF 3



OSDS PROFILE
SCALE: 1" = 5' VERTICAL
1" = 50' HORIZONTAL

THIS PLAN IS FOR SEPTIC DESIGN ONLY

SIGNATURE AND SEAL ARE FOR SEPTIC PROFILE AND CALCULATIONS ONLY, TANK AND DETAILS WERE NOT DESIGNED OR REVIEWED BY THE ENGINEER:

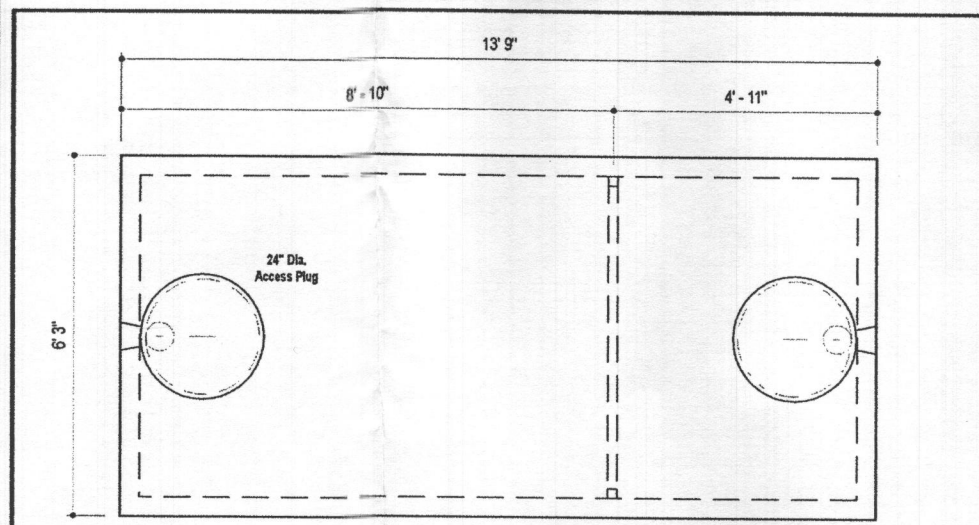
SEE MANUFACTURERS SPECIFICATIONS FOR DETAILS. WWW.MAYERPRECAST.COM EQUIVALENT FROM OTHER MANUFACTURERS CAN BE SUBSTITUTED.

BUILDER:
W.R. BECKER, LLC
15300 CARRS MILL RD,
WOODBINE, MD 21797
443-829-6036

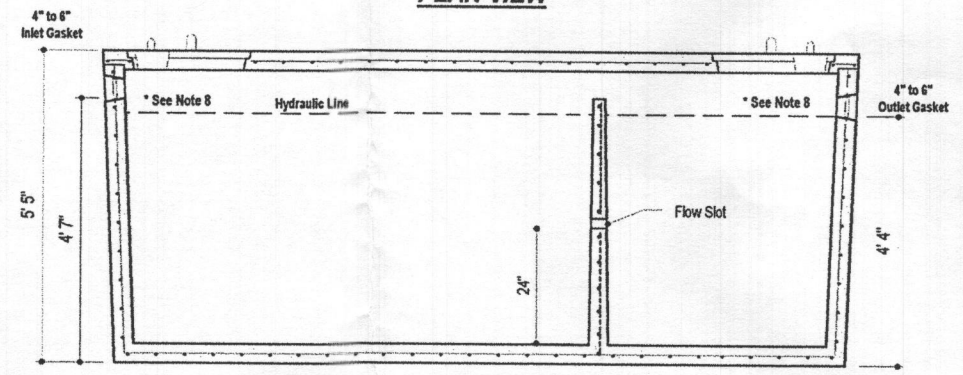
OWNER:
DEVIN KEENY
C/O CHELSEA FERRUZZI
14043 HOWARD RD,
DAYTON, MD 21036
443-677-4886

TRENCH DATA - SEWAGE DISPOSAL AREA #1		
INITIAL SYSTEM		
TRENCH: T-1-1	TRENCH 2: T-1-2	TRENCH 3: T-1-3
LENGTH 37.3 ft	LENGTH 37.3 ft	LENGTH 37.3 ft
GROUND ELEVATION 525.2	GROUND ELEVATION 525.2	GROUND ELEVATION 522.0
INVERT ELEVATION 523.2	INVERT ELEVATION 523.2	INVERT ELEVATION 520.0
MAX BOTTOM ELEVATION 517.2	MAX BOTTOM ELEVATION 517.2	MAX BOTTOM ELEVATION 514.0

HEALTH DEPT SPEC SHEET INFORMATION: SEWAGE DISPOSAL AREA #1			
System	Application Rate	Effective Depth	Bottom Depth
Initial System	0.8	3.0	8.0
HEALTH DEPT SPEC SHEET INFORMATION: SEWAGE DISPOSAL AREA #2			
System	Application Rate	Effective Depth	Bottom Depth
1st Replacement	0.8	3.0	8.0
2nd Replacement	0.8	3.0	8.0



PLAN VIEW



SECTION A-A

DESIGN DATA & GENERAL NOTES
[1] Concrete strength f'c=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 260-96 & C 494-92.
[4] Reinforcing per ASTM A195. Min. 1-1/2" cover.
[5] Top slab sealed with butyl rope mastic.
[6] 4" wall, 4" base, & 6" top thickness.
[7] Max 3" of cover
[8] Depending on use of tank, Inlet & Outlet baffle may be required by code.

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

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

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-CMLENGINEERING.COM

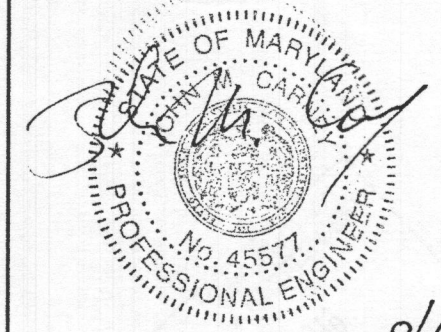
TRENCH DATA - SEWAGE DISPOSAL AREA #2	
1st REPLACEMENT SYSTEM	
TRENCH 1: T-2-1	LENGTH 55.9 ft
	GROUND ELEVATION 530.0
	INVERT ELEVATION 528.0
	MAX BOTTOM ELEVATION 522.0
TRENCH 2: T-2-2	LENGTH 55.9 ft
	GROUND ELEVATION 528.2
	INVERT ELEVATION 526.2
	MAX BOTTOM ELEVATION 520.2
2nd REPLACEMENT SYSTEM	
TRENCH: T-3-1	LENGTH 55.9 ft
	GROUND ELEVATION 527.0
	INVERT ELEVATION 525.0
	MAX BOTTOM ELEVATION 519.0
TRENCH: T-3-2	LENGTH 55.9 ft
	GROUND ELEVATION 524.5
	INVERT ELEVATION 522.5
	MAX BOTTOM ELEVATION 516.5

SEPTIC INVERT CHART	
INV @ HOUSE	527.3
GROUND @ HOUSE	530.4
INV IN SEPTIC TANK	524.6
INV OUT SEPTIC TANK	524.3
TOP OF TANK	525.4
GROUND OVER TANK	527.5
INV IN DIST BOX	523.4
INV OUT DIST BOX	523.3
GROUND AT DIST BOX	526.2

SEWAGE DISPOSAL AREA #1 (4,900 SQFT)		
INITIAL SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf

SEWAGE DISPOSAL AREA #2 (7,529 SQFT)		
1st REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf
2nd REPLACEMENT SYSTEM		
Number of Bedrooms	5	
Application Rate	0.8	gpd/sf
Effective Area Beginning Depth	3.0	ft
Bottom Max Depth	8.0	ft
Design Flow	750	gpd
Drainage Field square footage	937.5	sf
Sidewall Reduction Credit	0.36	
Trench width	3	ft
Effective Area Depth	5	ft
Trench Spacing	13	ft
Linear Length of trench Required	112	lf

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. 45577, Expiration Date: 06-08-2020.



9/6/19

PROJECT:	HARMAN SUBDIVISION LOT 3	
LOCATION:	14041 HOWARD RD, DAYTON, MD 21036 TAX MAP: 27 - GRID: 6 - PARCEL: 94 ZONED: RC-DEO ELECTION DISTRICT NO. 5 - HOWARD COUNTY, MD - TAX ID #352355	
TITLE:	ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE:	CUSTOM	
DATE:	JULY, 2019	PROJECT NO. 2914
SCALE:	AS SHOWN	DRAWING 3 OF 3