



**Howard County  
Health Department**

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](http://www.hchealth.org)  
Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

RECEIPT DATE: 3/26/20 **ONSITE SEWAGE DISPOSAL SYSTEM**

P 567360-A

APPROVAL DATE: 3/7/20 **PERMIT: CONSTRUCTION**

A \_\_\_\_\_

PROPERTY ADDRESS: 13842 Brighton Dam Road

SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: \_\_\_\_\_

CONTRACTOR: Bill Ingram/ Farm and Home Excavating EMAIL: \_\_\_\_\_

CONTRACTOR ADDRESS: 901 Driver Road, Marriottsville, MD 21104 PHONE: 410-984-0189

PROPERTY OWNER: Tamika Gatewood EMAIL: \_\_\_\_\_

OWNER ADDRESS: 5030 Meyers Road, Fort Meade PHONE: 3012610277

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: Babylon

PUMP MODEL: \_\_\_\_\_ PUMP SIZE \_\_\_\_\_ PUMP TANK CAPACITY: \_\_\_\_\_

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

|           |   |   |
|-----------|---|---|
| TRENCHES: | LINEAR FEET REQUIRED: <u>130 LF</u>   | INLET DEPTH: <u>3 FT</u>                    |
|           | TRENCH WIDTH: <u>3 FT</u>   | MAXIMUM BOTTOM DEPTH: <u>8 FT</u>           |
|           | MINIMUM SPACE BETWEEN TRENCHES: <u>10 FT</u>  | EFFECTIVE AREA BEGINNING DEPTH: <u>4 FT</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 3 - 44 ft trenches  |   |

ISSUED BY: Hank Oswald ISSUE DATE: 3/27/20 EXPIRATION DATE: 3/26/21

- 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 DOWNGRAIDENT 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 \_\_\_\_\_
- 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.**

279189279189

NOT TO SCALE

\* see attached diagram

ROAD NAME

**TRENCH/DRAINFIELD DATA**

| WIDTH                   | INLET | BOTTOM               |
|-------------------------|-------|----------------------|
| 3'                      | 3'    | 8'                   |
| NUMBER OF TRENCHES      |       | 3                    |
| TOTAL LENGTH            |       | 135'                 |
| ABSORPTION AREA         |       | 405 sq ft + sidewall |
| DISTRIBUTION BOX LEVEL  |       | yes                  |
| DISTRIBUTION BOX BAFFLE |       | yes                  |
| DISTRIBUTION BOX PORT   |       | yes                  |

**PRE-CONSTRUCTION:**

**SEPTIC TANK DATA**

**SEPTIC TANK 1 LEVEL**

MANUFACTURER BABYLON

CAPACITY 1500 GAL

SEAM LOC TOP

TANK LID DEPTH 3'-3.5'

BAFFLES front + back

BAFFLE FILTER -

MANHOLE LOC FRONT/BACK

6" PORT LOC -

WATERTIGHT TEST -

SLOTTED YES

DATE ON LID 05/25/2020

**PUMP/SEPTIC TANK LEVEL**

MANUFACTURER \_\_\_\_\_

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

SLOTTED \_\_\_\_\_

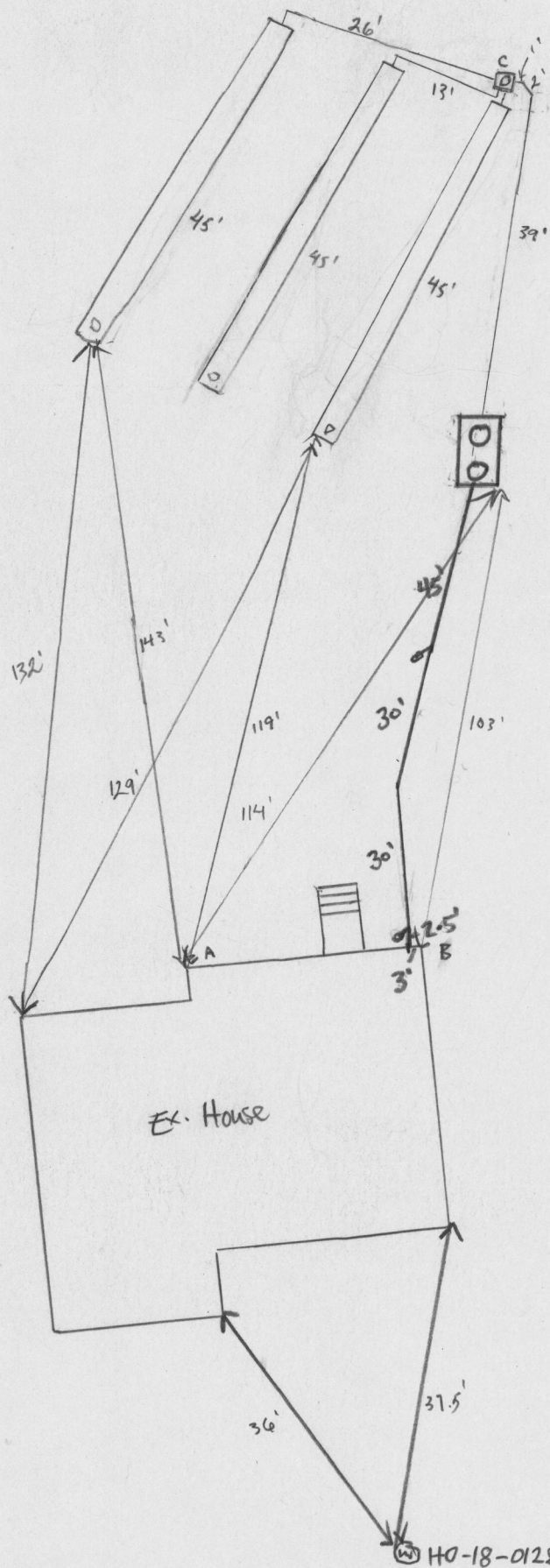
DATE ON LID \_\_\_\_\_

7/1/2020 3x44" trenches are laid out according to plan. D-box location moved to upper left corner of LOD (beginning of 1st trench) so that any future repairs will be easier to install. (ST)

INSTALLATION: 07/06/2020 SHC, SL, TANK AND INLET BAFFLE INSTALLED. COVERED FOR RAIN. 3.5' COVER ON UPHILL SIDE OF TANK, 3' ON DOWN SLOPE SIDE. (ST) 7/7/20 Trenches and d-box installed. D-box leveled. (ST)

FINAL INSPECTOR Dwan Thomas DATE OF APPROVAL 7/7/2020

NOT TO SCALE

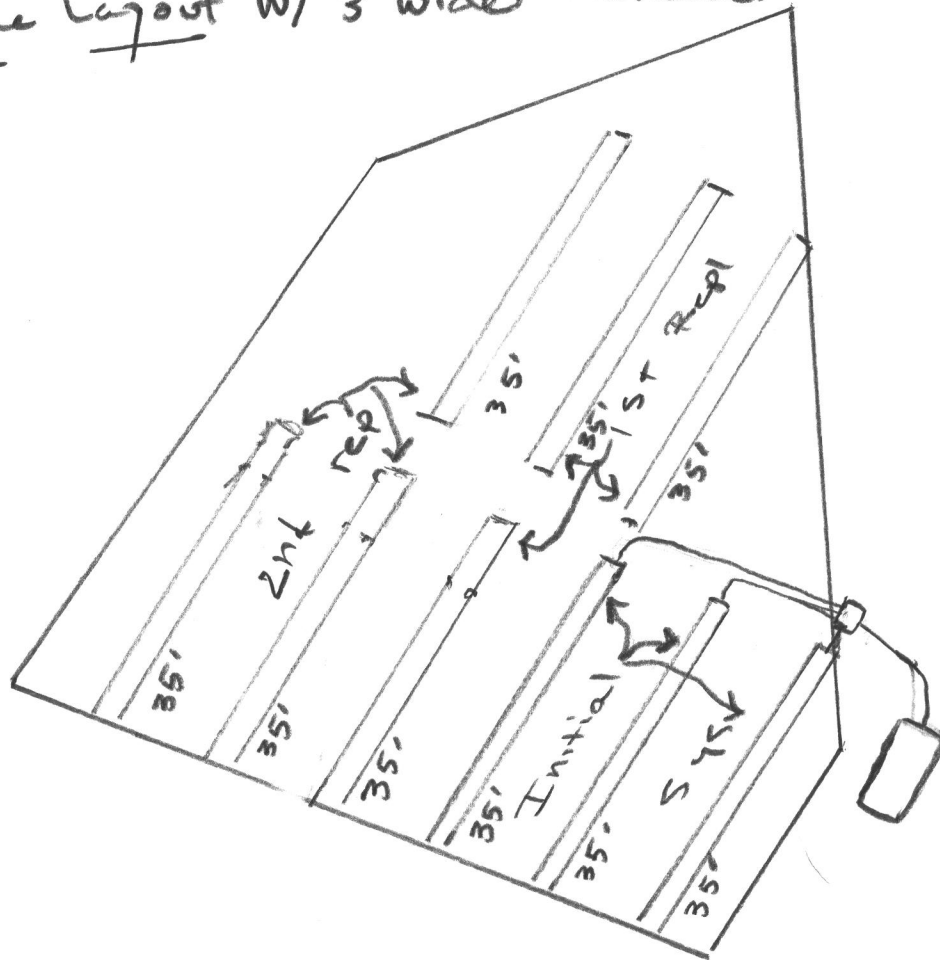


65'  
100'

A-C = 160'  
A-B = 153'

HO-18-0128

Example layout w/ 3' wide trenches



Calc:

$$4 \times 150 = 600 / 0.8 / 3' = 250 = \boxed{105'}$$

Initial  $\frac{5}{3} \times = 3$  trenches @ 35'

$$\frac{3 + 2}{3 + 1 + 2(4)} = \frac{5}{12} = 0.4166$$

PARCEL 149  
 TAX MAP 34  
 GRID 13  
 WASHINGTON SUBURBAN SANITARY COMMISSION  
 L. 16869, F. 3  
 ZONED: RR-DEO



PARCEL 232  
 TAX MAP 34  
 GRID 13  
 SHAWN & TRACEY GATEWOOD  
 L. 17001, F. 293  
 43,559 SF. OR 1.00 Ac.±

PARCEL 149  
 TAX MAP 34  
 GRID 13  
 WASHINGTON SUBURBAN SANITARY COMMISSION  
 L. 16869, F. 3  
 ZONED: RR-DEO

EX. WELL  
 TAG No. HO-88-0059

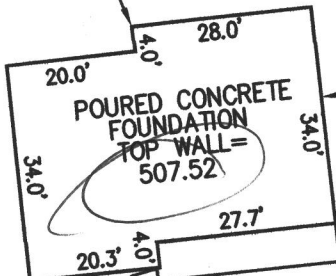
EXISTING  
 2 STORY  
 BLDG.

EXISTING  
 CONC. PAVERS

EXISTING  
 ASPHALT DRIVE

PARCEL 231  
 TAX MAP 34  
 GRID 13  
 HOWARD LYLES  
 L. 358, F. 255  
 ZONED: RR-DEO

*APPROVED*  
*03/27/2020*  
*fe*



LINE OF PRESCRIPTIVE R.O.W.  
 EX. EDGE OF PAVEMENT

BRIGHTON DAM ROAD  
 EX. CENTERLINE  
 EX. EDGE OF PAVEMENT

WALL CHECK SURVEY  
 PARCEL 232  
 TAX MAP 34, GRID 13  
 LIBER 17001 FOLIO 293  
 13842 BRIGHTON DAM ROAD  
 CLARKSVILLE, MD 21029

DESIGNED BY: NJ  
 CHECKED BY: WR  
 SCALE: 1" = 30'  
 DATE: MARCH 18, 2020  
 PROJECT No. 3515  
 SHEET: 1 OF 1

PREPARED BY: NJR & ASSOCIATES, LLC  
 LAND SURVEYING AND PLANNING  
 2770 STATE ROUTE 32

## Oswald, Hank

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**From:** Oswald, Hank  
**Sent:** Monday, August 19, 2019 9:34 AM  
**To:** 'roshannj@aol.com'  
**Cc:** 'gphillips@mred.us'; mlanigan@carusohomes.com; Williams, Jeffrey  
**Subject:** Septic Specs Sheets  
**Attachments:** Septic Spec Sheet\_Old Roxbury Road.pdf; Septic Spec Sheet\_Brighton Dam.pdf; Septic Spec Sheet\_Nicholas Sharp\_Lot10.pdf

Good morning All:

Attached, please find septic specs for the following properties:

- 1- 4375 Old Roxbury Road, Brookeville. Lot-2, Plat 20858.
- 2- Parcel 232, Tax Map-34, Grid 13 off of Brighton Dam Road, Clarksville.
- 3- Lot-10, Property of Nicholas O Sharp, 3720 Sharp Road, Glenwood.

Thanks,

Hank

Hank Oswald  
Licensed Environmental Health Specialist  
Howard County Health Department  
Bureau of Environmental Health  
Well & Septic Program  
8930 Stanford Boulevard  
Columbia, MD 21045  
410.313.1786 (Office)  
[hoswald@howardcountymd.gov](mailto:hoswald@howardcountymd.gov)



### CONFIDENTIALITY NOTICE

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**SITE ANALYSIS DATA CHART**

|                                     |                           |
|-------------------------------------|---------------------------|
| TOTAL LOT AREA                      | = 1.000 ACRES             |
| LOT AREA "PROP. TO BE DISTURBED"    | = 0.438 ACRES             |
| TOTAL LOT IMPERVIOUS AREA PROPOSED  | = 0.08 ACRES (19,072 SF.) |
| SITE AREA WITHIN WETLAND            | = 0 ACRES                 |
| SITE AREA WITHIN 25' WETLAND BUFFER | = 0 ACRES                 |
| SITE AREA OF STEEP SLOPES           | = 0 ACRES                 |
| SITE AREA OF ERODIBLE SOILS         | = 0 ACRES                 |
| SITE AREA WITHIN 100-YR FLOODPLAIN  | = 0 ACRES                 |
| SITE AREA WITHIN 100' STREAM BUFFER | = 0 ACRES                 |
| SITE TOTAL FORESTED AREA            | = 0 ACRES                 |
| TOTAL WOODED AREA TO BE CLEARED     | = 0 ACRES                 |

**PARCEL 149**  
TAX MAP 34, GRID 13  
WASHINGTON SUBURBAN SANITARY COMMISSION  
L. 16869, F. 3  
ZONED: RR-DEO

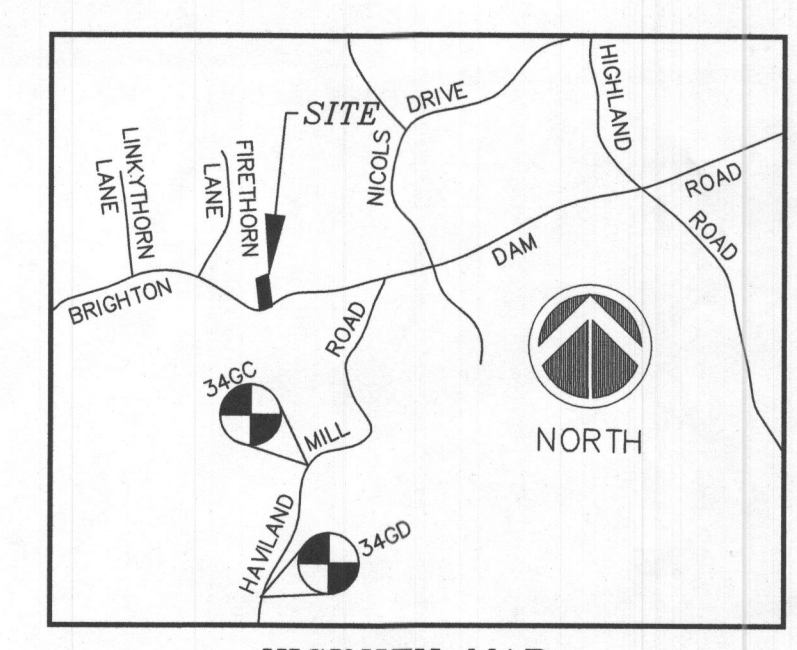
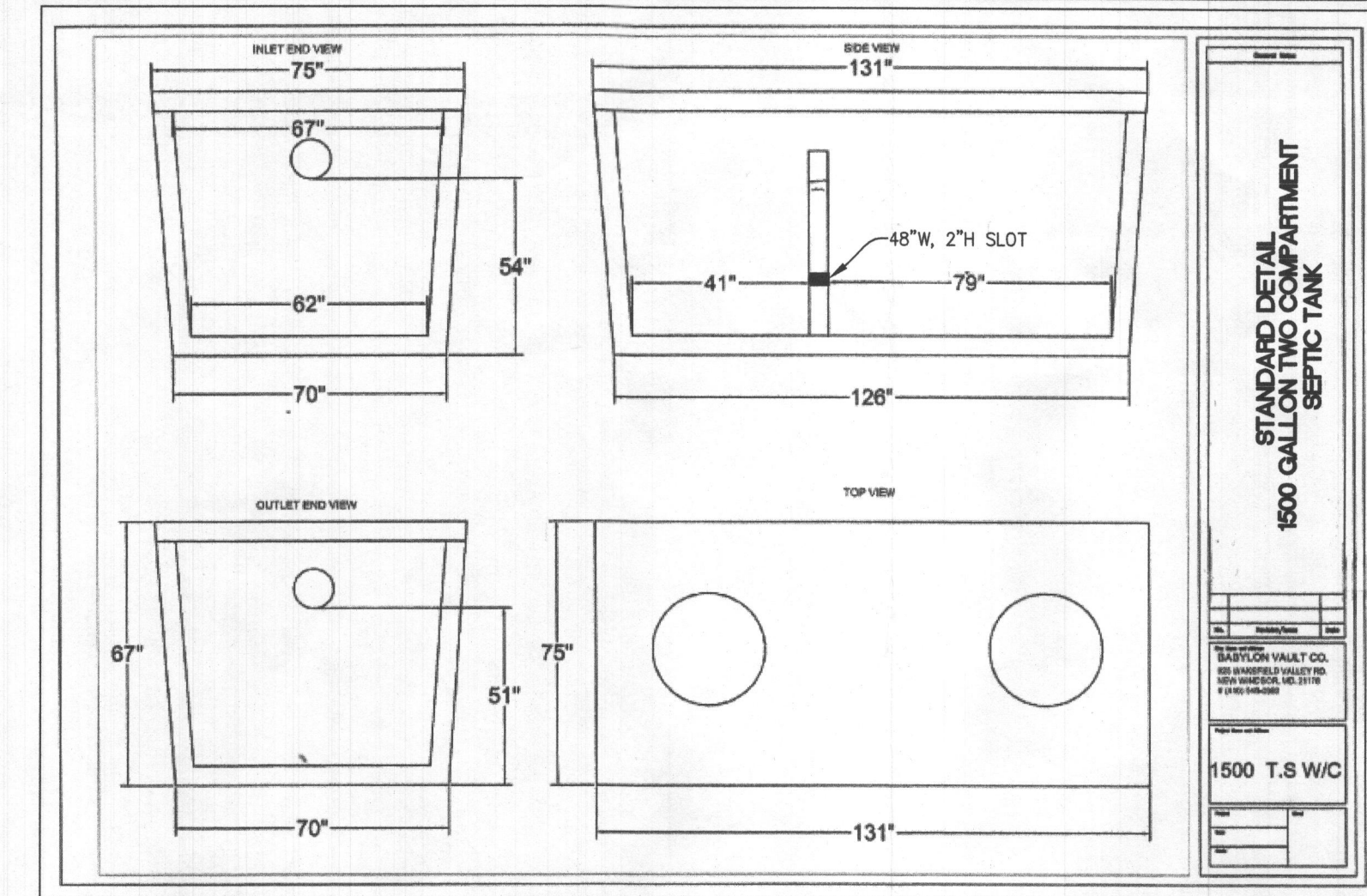
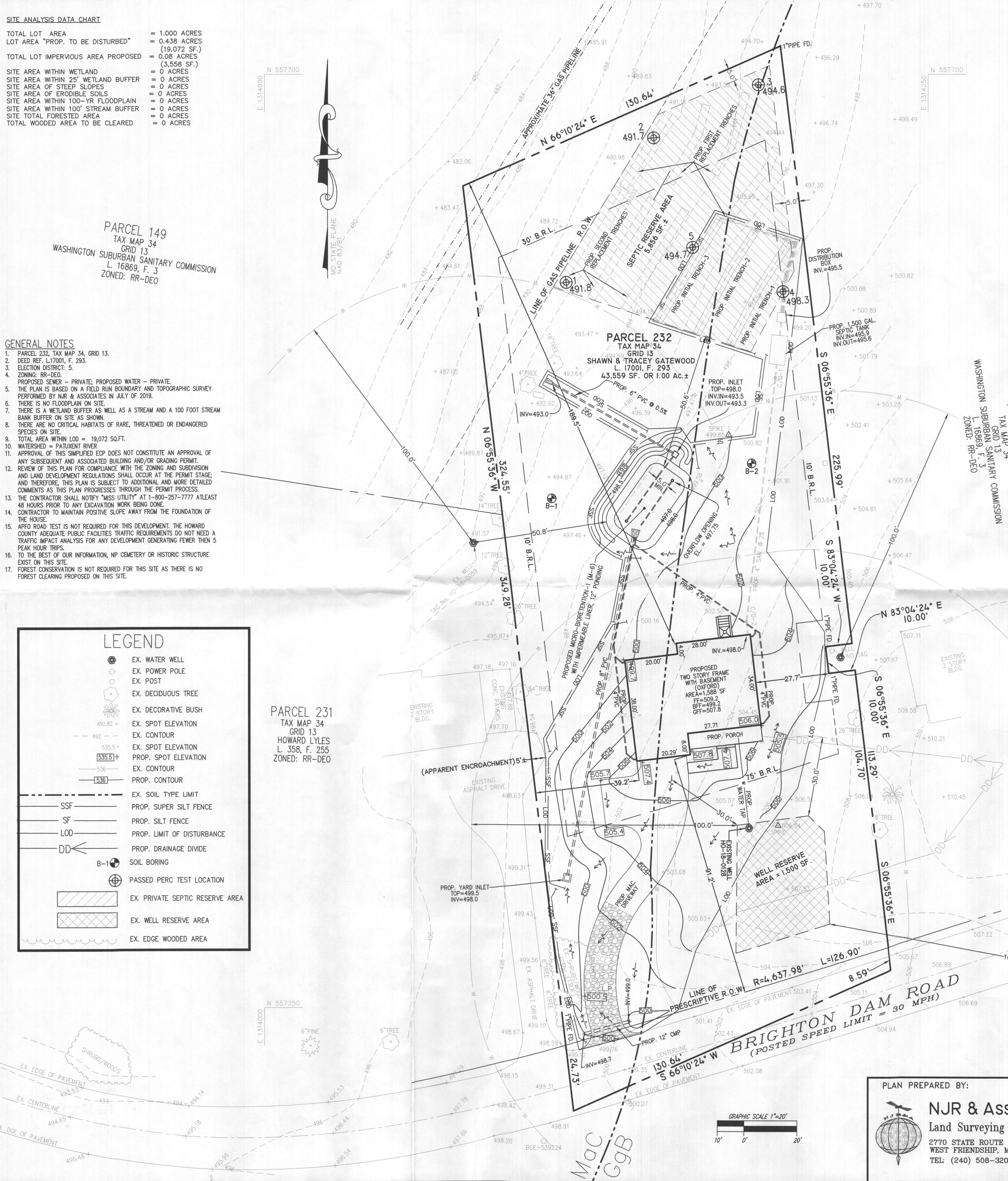
**GENERAL NOTES**

1. PARCEL 232, TAX MAP 34, GRID 13.
2. DEED REF. L17001, F. 293.
3. ELECTION DISTRICT: 5.
4. ZONING: RR-DEO.
5. PROPOSED SEWER - PRIVATE; PROPOSED WATER - PRIVATE.
6. THE PLAN IS BASED ON A FIELD RUN BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY NJR & ASSOCIATES IN JULY OF 2019.
7. THERE IS NO FLOODPLAIN ON SITE.
8. THERE IS A WETLAND BUFFER AS WELL AS A 100 FOOT STREAM BANK BUFFER ON SITE AS SHOWN.
9. THERE ARE NO CRITICAL HABITATS OF RARE, THREATENED OR ENDANGERED SPECIES ON SITE.
10. TOTAL AREA WITHIN LOD = 19,072 SQ.FT.
11. WATERSHED = PATUXENT RIVER.
12. APPROVAL OF THIS SIMPLIFIED EOP DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED BUILDING AND/OR GRADING PERMIT.
13. REVIEW OF THIS PLAN FOR COMPLIANCE WITH THE ZONING AND SUBDIVISION AND LAND DEVELOPMENT REGULATIONS SHALL OCCUR AT THE PERMIT STAGE AND THEREFORE, THIS PLAN IS SUBJECT TO ADDITIONAL AND MORE DETAILED COMMENTS AS THIS PLAN PROGRESSES THROUGH THE PERMIT PROCESS.
14. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
15. CONTRACTOR TO MAINTAIN POSITIVE SLOPE AWAY FROM THE FOUNDATION OF THE HOUSE.
16. APPO ROAD TEST IS NOT REQUIRED FOR THIS DEVELOPMENT. THE HOWARD COUNTY ADEQUATE PUBLIC FACILITIES TRAFFIC REQUIREMENTS DO NOT NEED A TRAFFIC IMPACT ANALYSIS FOR ANY DEVELOPMENT GENERATING FEWER THAN 5 PEAK HOUR TRIPS.
17. TO THE BEST OF OUR INFORMATION, NP CEMETERY OR HISTORIC STRUCTURE EXIST ON THIS SITE.
18. FOREST CONSERVATION IS NOT REQUIRED FOR THIS SITE AS THERE IS NO FOREST CLEARING PROPOSED ON THIS SITE.

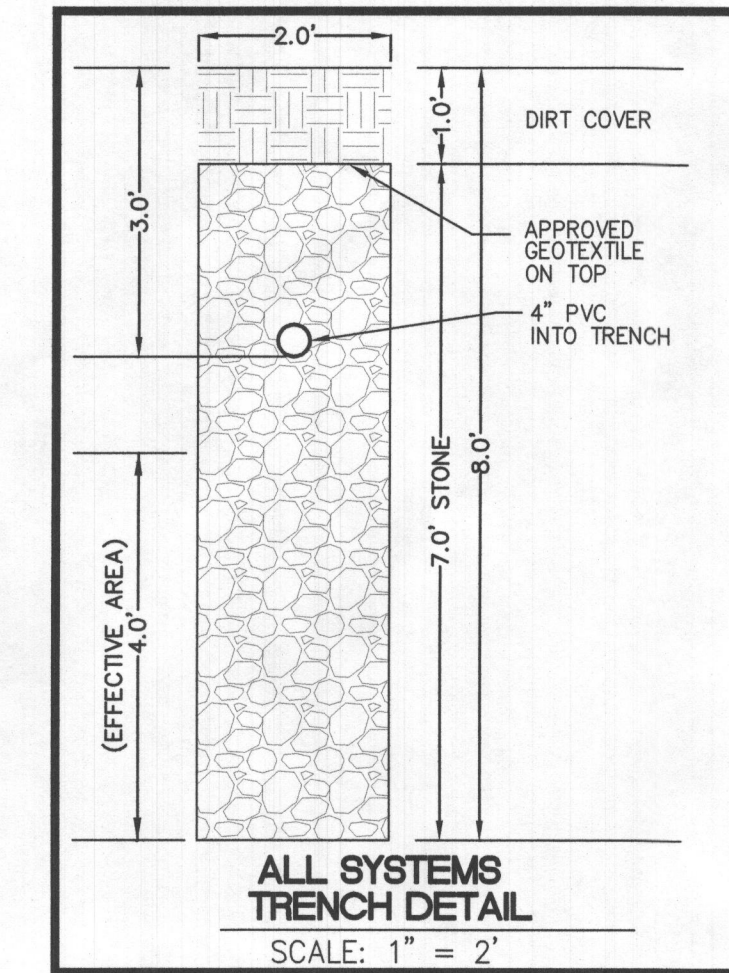
**LEGEND**

- EX. WATER WELL
- EX. POWER POLE
- EX. POST
- EX. DECIDUOUS TREE
- EX. DECORATIVE BUSH
- EX. SPOT ELEVATION
- EX. CONTOUR
- EX. SPOT ELEVATION
- PROP. SPOT ELEVATION
- EX. CONTOUR
- PROP. CONTOUR
- EX. SOIL TYPE LIMIT
- PROP. SUPER SILT FENCE
- PROP. SILT FENCE
- LOD
- PROP. LIMIT OF DISTURBANCE
- DD
- PROP. DRAINAGE DIVIDE
- B-1
- SOIL BORING
- ⊕
- PASSED PERC TEST LOCATION
- EX. PRIVATE SEPTIC RESERVE AREA
- EX. WELL RESERVE AREA
- EX. EDGE WOODED AREA

**PARCEL 231**  
TAX MAP 34, GRID 13  
HOWARD LYLES  
L. 358, F. 255  
ZONED: RR-DEO



VICINITY MAP  
SCALE: 1" = 2000'  
ADC MAP: PAGE - 30  
GRID - D3



**SEPTIC SYSTEM CALCULATIONS, ALL SYSTEMS**

ABS. RATE=0.8, EFF. DEPTH=4'-8" (ALL SYSTEMS)

DRAINFIELD AREA: 5 BEDROOMS AT 750 gpd / 0.8 ABSORPTION RATE=938 SQ. FT.

SIDEWALL REDUCTION CREDIT:  $\frac{3+2}{3+1+2(4)} = \frac{5}{12} = 0.4167$

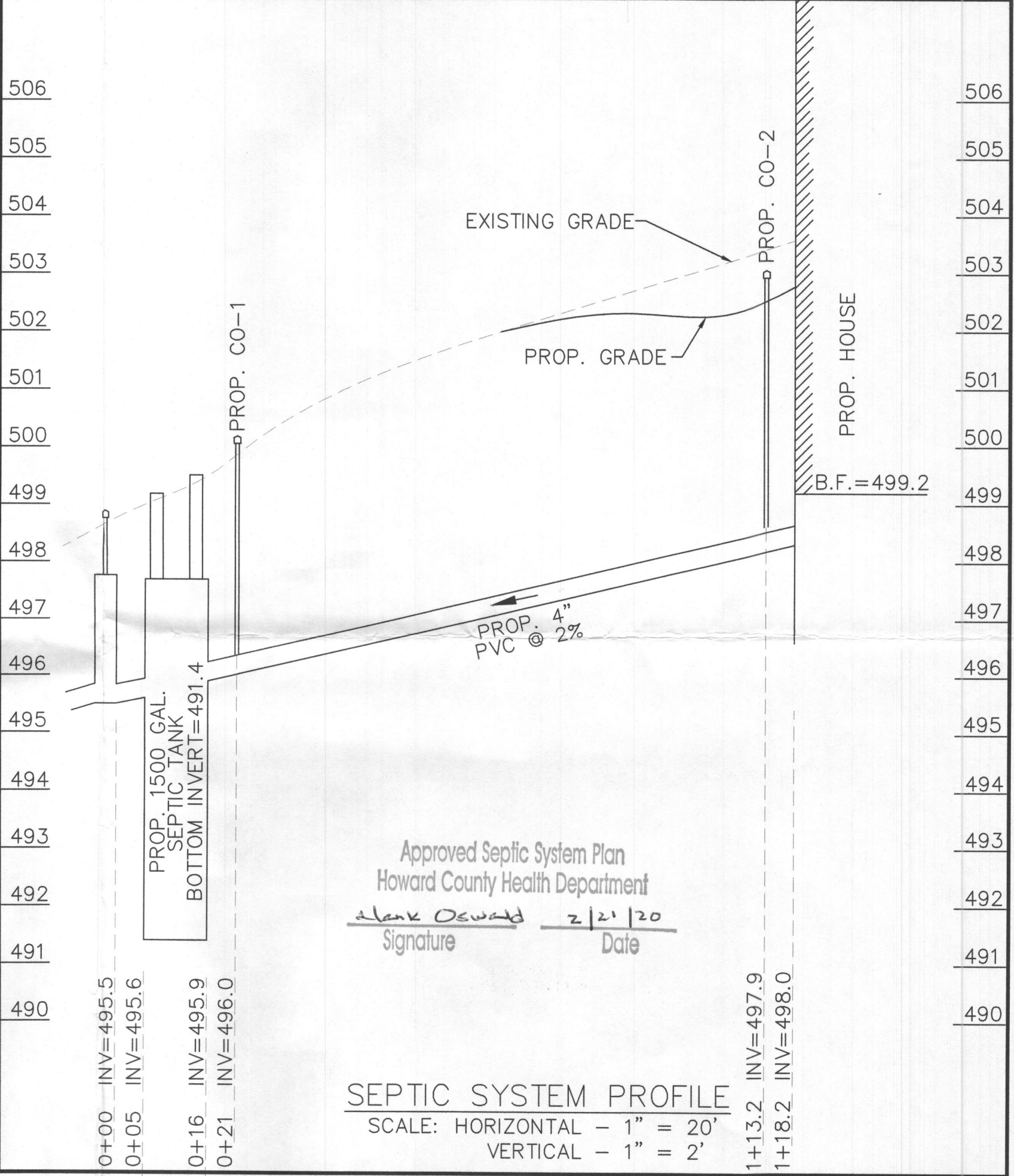
LENGTH OF TRENCHES:  $938 \text{ SQ. FT.} \times 0.4167 = 130 \text{ LINEAR FEET}$

INITIAL & SECOND REPLACEMENT SYSTEMS: THREE TRENCHES OF 44 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.

FIRST REPLACEMENT SYSTEM: FOUR TRENCHES OF 33 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.

**TRENCH INFO, INITIAL SYSTEM**

| TRENCH | TRENCH LENGTH | EX. TOP OF GROUND | TOP OF GRAVEL | INV. INTO TRENCH | BOTTOM OF TRENCH |
|--------|---------------|-------------------|---------------|------------------|------------------|
| 1      | 35'           | 497.8±            | 496.8         | 494.8            | 489.8            |
| 2      | 35'           | 496.5±            | 495.5         | 493.5            | 488.5            |
| 3      | 35'           | 495.2±            | 494.2         | 492.2            | 487.2            |



Approved Septic System Plan  
Howard County Health Department  
*Mark Oswald* 2/2/20  
Signature Date

**SEPTIC SYSTEM PROFILE**  
SCALE: HORIZONTAL - 1" = 20'  
VERTICAL - 1" = 2'

- NOTES:**
- 1- 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.
  - 2- THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
  - 3- THE EXISTING WELL (TAG # HO-18-0128 HAS BEEN FIELD LOCATED AND ACCURATELY SHOWN ON THIS PLAN.
  - 4- ALL EXISTING 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 ON THIS PLAN.
  - 5- THE TOPOGRAPHY SHOWN ON THIS PLAT IS BASED ON AN ACTUAL FIELD RUN SURVEY BY NJR & ASSOCIATES PERFORMED ON JULY OF 2019.
  - 6- THIS SURVEY IS TIED TO MARYLAND STATE PLANE NAD 83/91 COORDINATE SYSTEM.
  - 7- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.
  - 8- THE SEWAGE DISPOSAL AREA (SDA) AND THE ADJACENT PROPERTY LINES AND GAS PIPELINE RIGHT-OF-WAY EDGE MUST BE STAKED BY A LICENSE SURVEYOR PRIOR TO THE SEPTIC LAYOUT INSPECTION.

**SOIL TABLE**

| SYMBOL | NAME/DESCRIPTION                   | TYPE | HYDROLIC |
|--------|------------------------------------|------|----------|
| GgB    | Glennie loam, 3 to 8% slope        | B    | No       |
| MoC    | Manor loam, 8 to 15 percent slopes | B    | No       |

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT. DATE

PLAN PREPARED BY:  
**NJR & ASSOCIATES**  
Land Surveying and Planning  
2770 STATE ROUTE 32  
WEST FRIENDSHIP, MD 21794  
TEL: (240) 508-3200

PROFESSIONAL CERTIFICATION  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE # 11049, EXPIRATION DATE: 2/10/2021.  
February 7, 2020  
DATE

DEVELOPER  
CARUSO HOMES  
2120 BALDWIN AVENUE, Stp 200  
CROFTON, MD 21114  
(301) 261-0277  
OWNER  
TAMIKA L. GATEWOOD  
5030 MEYERS ROAD  
FORT MEADE, MD 20755  
(301) 261-0277

**ONSITE SEWAGE DISPOSAL PLAN**  
**PARCEL 232**  
TAX MAP 34, GRID 13  
LIBER 17001 FOLIO 293  
13842 BRIGHTON DAM ROAD, CLARKSVILLE, MD 21029  
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: 1" = 20' JOB NO.: 3515 DATE: DEC. 15, 2019 SHEET: 1 OF 1

**SITE ANALYSIS DATA CHART**

|                                     |                            |
|-------------------------------------|----------------------------|
| TOTAL LOT AREA                      | = 1.000 ACRES              |
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| TOTAL LOT IMPERVIOUS AREA PROPOSED  | = 0.08 ACRES (3,559 SF.)   |
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**PARCEL 149**  
TAX MAP 34  
GRID 13  
WASHINGTON SUBURBAN SANITARY COMMISSION  
L. 16869, F. 3  
ZONED: RR-DEO

**GENERAL NOTES**

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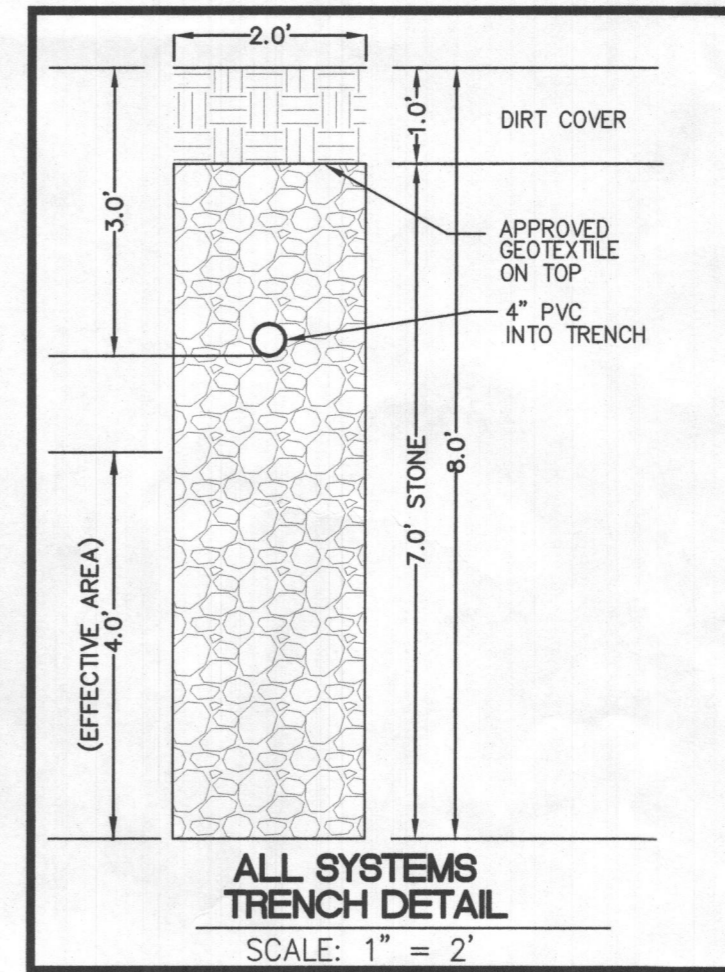
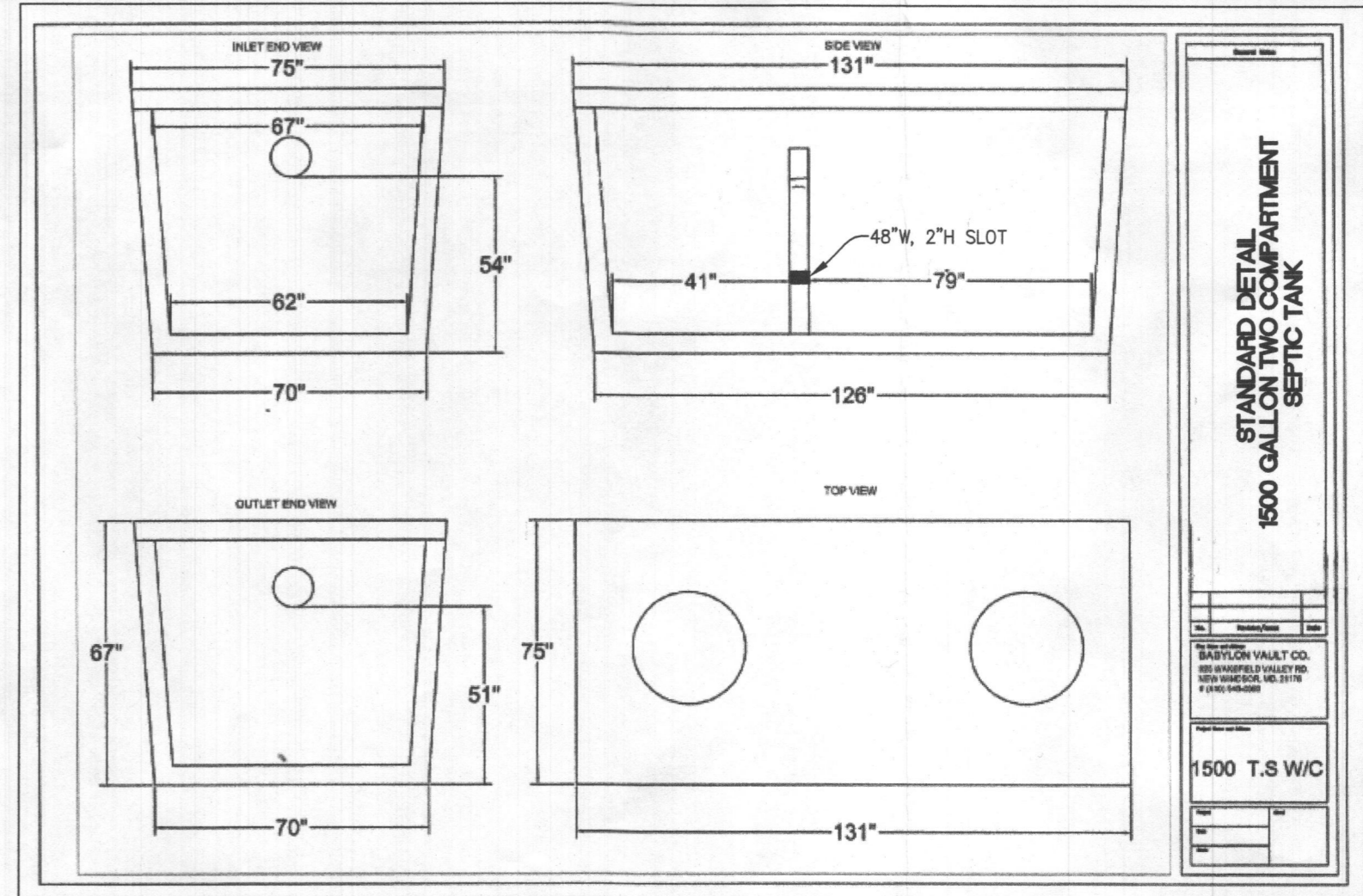
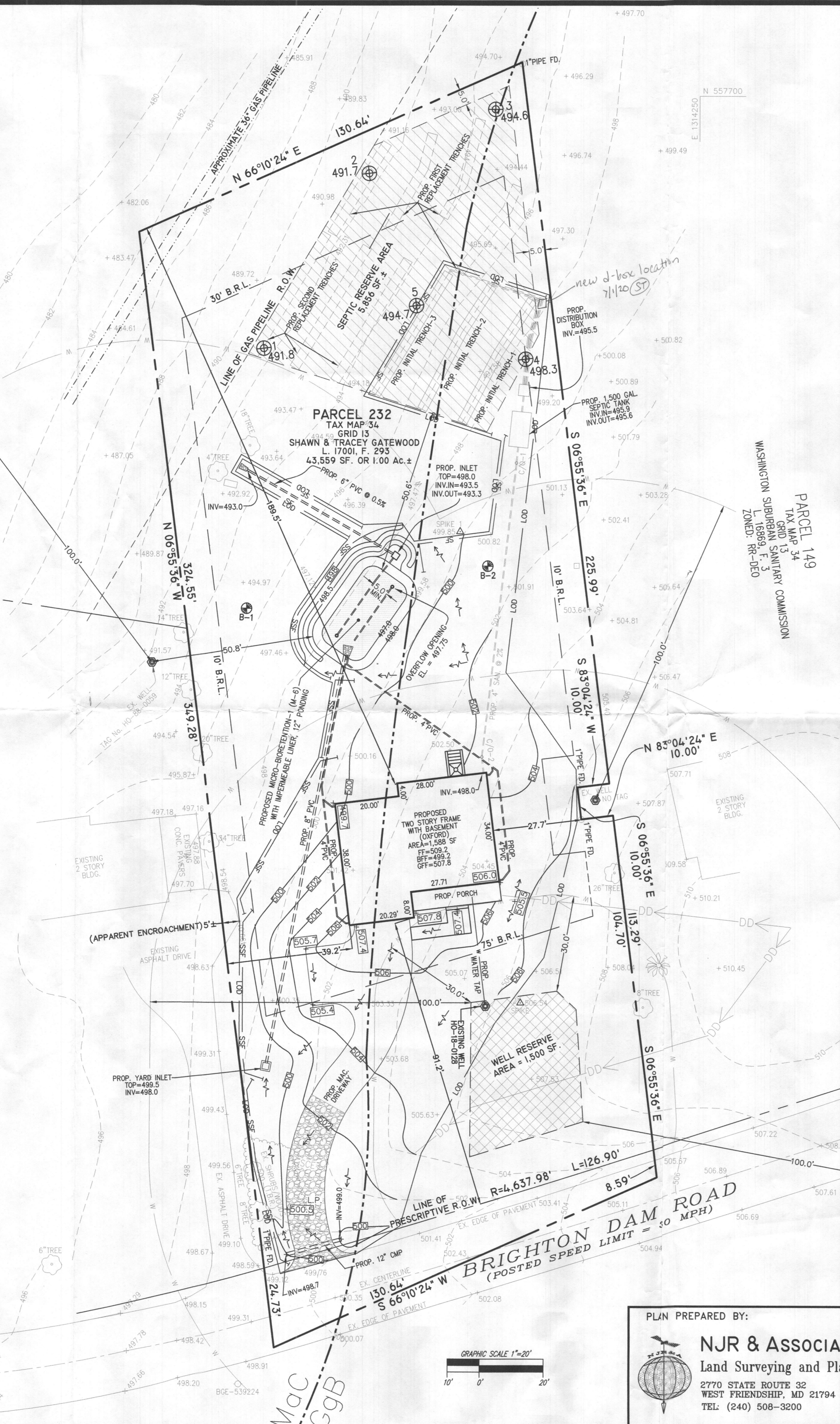
**PARCEL 231**  
TAX MAP 34  
GRID 13  
HOWARD LYLES  
L. 358, F. 255  
ZONED: RR-DEO

**LEGEND**

- EX. WATER WELL
- EX. POWER POLE
- EX. POST
- EX. DECIDUOUS TREE
- EX. DECORATIVE BUSH
- EX. SPOT ELEVATION
- EX. CONTOUR
- EX. SPOT ELEVATION
- PROP. SPOT ELEVATION
- EX. CONTOUR
- PROP. CONTOUR
- EX. SOIL TYPE LIMIT
- PROP. SUPER SILT FENCE
- PROP. SILT FENCE
- LOD
- PROP. LIMIT OF DISTURBANCE
- DD
- PROP. DRAINAGE DIVIDE
- B-1
- SOIL BORING
- PASSED PERC TEST LOCATION
- EX. PRIVATE SEPTIC RESERVE AREA
- EX. WELL RESERVE AREA
- EX. EDGE WOODED AREA

N 557350  
E 1314000

N 557700  
E 1314250



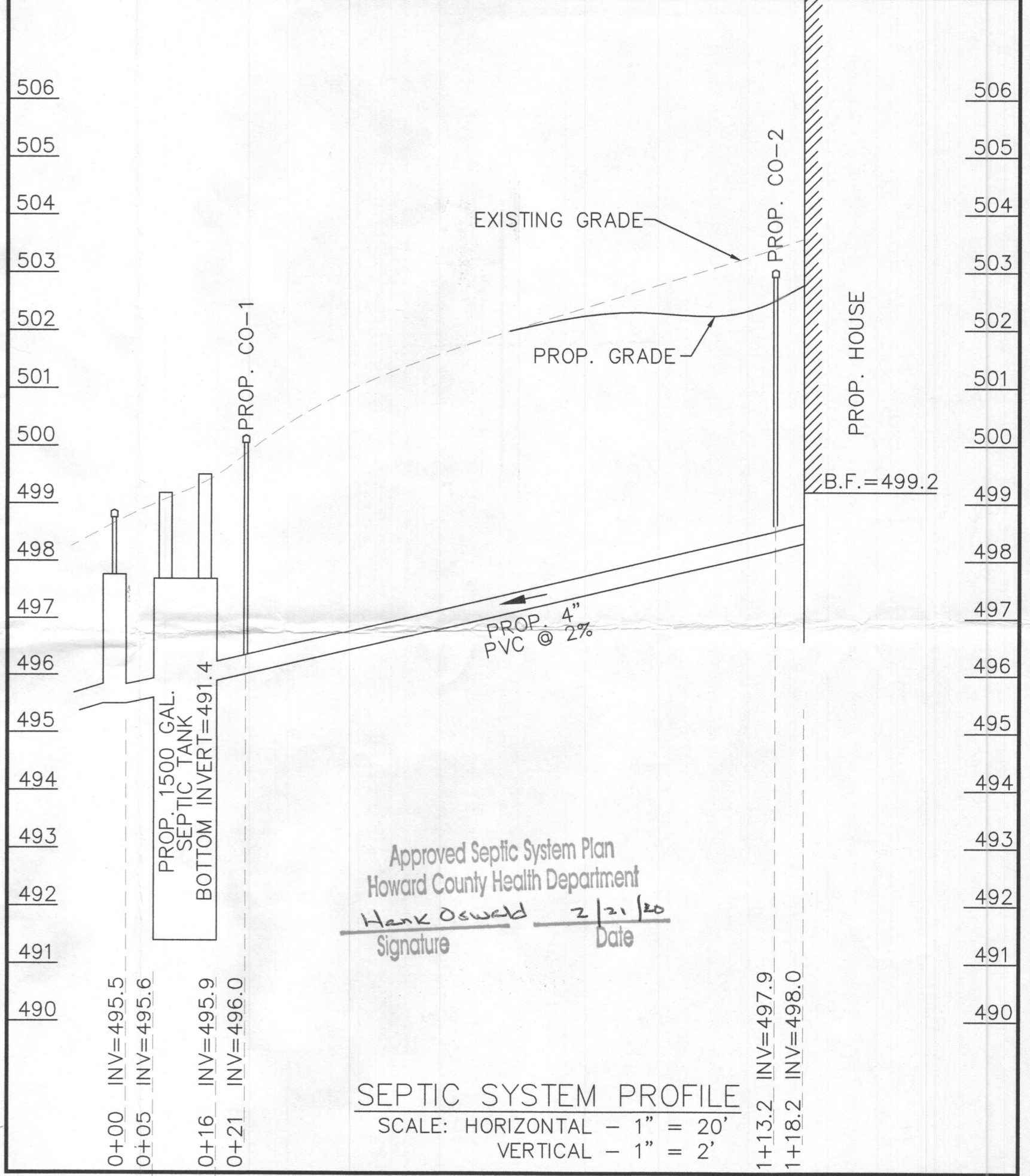
**SEPTIC SYSTEM CALCULATIONS, ALL SYSTEMS:**  
ABS. RATE=0.8, EFF. DEPTH=4'-8" (ALL SYSTEMS)  
DRAINFIELD AREA: 5 BEDROOMS AT 750 gpd / 0.8 ABSORPTION RATE=938 SQ. FT.  
SIDEWALL REDUCTION CREDIT:  $WIDTH+1+2(DEPTH) = 3+1+2(4) = 5 = 0.4167$   
LENGTH OF TRENCHES:  $938 \text{ SQ. FT.} \times 0.4167 = 391 \text{ LINEAR FEET}$   
INITIAL & SECOND REPLACEMENT SYSTEMS: THREE TRENCHES OF 44 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.  
FIRST REPLACEMENT SYSTEM: FOUR TRENCHES OF 33 FEET IN LENGTH, 3 FEET WIDE, 10 FEET SPACED ARE PROVIDED.

**TRENCH INFO, INITIAL SYSTEM**

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|--------|---------------|-------------------|---------------|------------------|------------------|
| 1      | 35'           | 497.8±            | 496.8         | 494.8            | 489.8            |
| 2      | 35'           | 496.5±            | 495.5         | 493.5            | 488.5            |
| 3      | 35'           | 495.2±            | 494.2         | 492.2            | 487.2            |

**SOIL TABLE**

| SYMBOL | NAME/DESCRIPTION                   | TYPE | HYDROLIC |
|--------|------------------------------------|------|----------|
| GgB    | Glennel loam, 3 to 8% slope        | B    | No       |
| MaC    | Manor loam, 8 to 15 percent slopes | B    | No       |



**NOTES:**  
1- 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.  
2- THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.  
3- THE EXISTING WELL (TAG # HO-18-0128 HAS BEEN FIELD LOCATED AND ACCURATELY SHOWN ON THIS PLAN.  
4- ALL EXISTING 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 ON THIS PLAN.  
5- THE TOPOGRAPHY SHOWN ON THIS PLAN IS BASED ON AN ACTUAL FIELD RUN SURVEY BY NJR & ASSOCIATES PERFORMED ON JULY OF 2019.  
6- THIS SURVEY IS TIED TO MARYLAND STATE PLANE NAD 83/91 COORDINATE SYSTEM.  
7- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT.  
8- THE SEWAGE DISPOSAL AREA (SDA) AND THE ADJACENT PROPERTY LINES AND GAS PIPELINE RIGHT-OF-WAY EDGE MUST BE STAKED BY A LICENSE SURVEYOR PRIOR TO THE SEPTIC LAYOUT INSPECTION.

Approved Septic System Plan  
Howard County Health Department  
Hank Oswald  
Signature  
2/21/20  
Date

**SEPTIC SYSTEM PROFILE**  
SCALE: HORIZONTAL - 1" = 20'  
VERTICAL - 1" = 2'

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.  
HEALTH OFFICER, HOWARD COUNTY HEALTH DEPARTMENT. DATE

PLAN PREPARED BY:  
**NJR & ASSOCIATES**  
Land Surveying and Planning  
2770 STATE ROUTE 32  
WEST FRIENDSHIP, MD 21794  
TEL: (240) 508-3200

PROFESSIONAL CERTIFICATION:  
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE # 11049, EXPIRATION DATE: 2/10/2021.  
February 7, 2020  
DATE

DEVELOPER  
CARUSO HOMES  
2120 BALDWIN AVENUE, Ste 200  
CROFTON, MD 21144  
(301) 261-0277  
OWNER  
TAMIKA L. GATEWOOD  
5030 MEYERS ROAD  
FORT MEADE, MD 20755  
(301) 261-0277

**ONSITE SEWAGE DISPOSAL PLAN**  
**PARCEL 232**  
TAX MAP 34, GRID 13  
LIBER 17001 FOLIO 293  
13842 BRIGHTON DAM ROAD, CLARKSVILLE, MD 21029  
5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: 1" = 20' JOB NO.: 3515 DATE: DEC. 15, 2019 SHEET: 1 OF 1

