

**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)

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12-7-23 **ONSITE SEWAGE DISPOSAL SYSTEM** P 515724

APPROVAL DATE: 9/30/2024 **PERMIT: CONSTRUCTION** A \_\_\_\_\_

PROPERTY ADDRESS: 6626 Corina Court

SUBDIVISION: La Isla LOT: 5 TAX ID: \_\_\_\_\_

CONTRACTOR: Fogles Septic Clean Inc. EMAIL: Kimp@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Rd, Sykesville, MD 21784 PHONE: 410-855-0670

PROPERTY OWNER: Mike Mosman EMAIL: \_\_\_\_\_

OWNER ADDRESS: 7614 Sweet Hours Way, Columbia, MD 21046 PHONE: 410-336-0803

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

PUMP MODEL: N/A PUMP SIZE: N/A PUMP TANK CAPACITY: N/A

DISTRIBUTION SYSTEM:  GRAVITY  PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>84' (2 @ 42')</u>	INLET DEPTH: <u>2</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	<b>PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	Check to make sure that main septic line from tank to dbx does not have severe fall by having water sent down the outlet pipe from 1500-gal tank*	

ISSUED BY: Zack Silvast ISSUE DATE: 12-15-23 EXPIRATION DATE: 12-31-24

- 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

See Separate  
Sheet for Asbuilt

ROAD NAME

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	2'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		83'
ABSORPTION AREA		249ft <sup>3</sup>
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		
DISTRIBUTION BOX PORT		+ Manhole

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL yes

MANUFACTURER Babylora

CAPACITY 1500 GAL

SEAM LOC top

TANK LID DEPTH 1'-2'

BAFFLES 6" front & 4" back

BAFFLE FILTER —

MANHOLE LOC front & back

6" PORT LOC —

WATERTIGHT TEST —

SLOTTED yes

DATE ON LID 10/26/2023

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER —

CAPACITY — GAL

SEAM LOC —

TANK LID DEPTH —

BAFFLES —

BAFFLE FILTER —

MANHOLE LOC —

6" PORT LOC —

WATERTIGHT TEST —

SLOTTED —

DATE ON LID —

**PRE-CONSTRUCTION:**

12/26/2023 - Floor conv w builder mite stating c/o 5 is for RV connect. c/o 3 connects to the house. Onsite w builder & contractor for layout. Tank 20' from house & 5' from deck. Tank 700' from portable well 54' from septic. SDA not staked & trench staked not @ correct length. Come back to confirm drainfield. SP

1/8/24 - Sewer line changed a bit to give room to drywell for installation issues. ST, d-box, SDA & trenches staked, laid out 2 trenches @ 42' each. - Contractor wants to start sewer line installation today and backfill it before the rain storm tomorrow. SP

INSTALLATION: 1/8/24 - installed sewer line up to ST and installed the sewer line for the RV w/ a 5' step down. SHC made. c/o's not exactly in the same place as the plan but they're close. OK to backfill before the rain tomorrow. SP

1/12/2024 - Tank installed his 1'-2" of cover, line from house to tank installed w/ adequate fall. c/o seen rear foundation. SP 1/17/2024 - 6" front & 4" baffle installed in tank. Slot seen in tank. Measured line from tank to d-box, d-box to trenches. c/o seen between tank & d-box. adequate fall achieved & sch 40 PVC used. trench lengths @ 42' & 41', inlet @ 2' OK to backfill. Reinspect to level d-box & see baffle. SP 9/30/2024 confirmation of p-box leveling confirmed thru installer SP

FINAL INSPECTOR

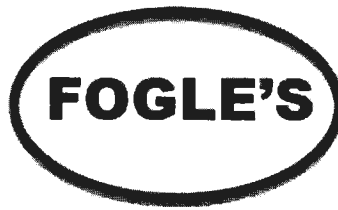
K. [Signature]

DATE OF APPROVAL

9/30/2024



*Family Owned Business Since 1978*



Fogle's Septic Clean, Inc.  
580 Obrecht Rd  
Sykesville, MD 21784

Phone: 410-795-5670  
Email: [info@foglesinc.com](mailto:info@foglesinc.com)  
Web: [foglesseptic.com](http://foglesseptic.com)

To Whom It May Concern,

RE: Septic System Distribution Box Installation  
6626 Corina Ct  
Columbia, MD 21044

Fogle's Septic completed the septic installation at the above address on January, 17 2024. All necessary inspections were obtained. Regarding the installation of the distribution box, it was installed, leveled, connected to the two 42 ft trenches with an observation port to grade.

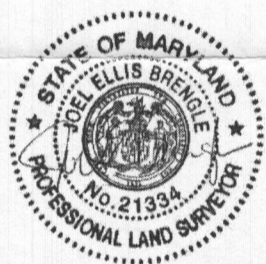
Regards,

John Heatzman  
Fogle's Septic Clean, Inc.  
580 Obrecht Rd  
Sykesville, MD 21784  
410-795-5670  
[john@foglesinc.com](mailto:john@foglesinc.com)

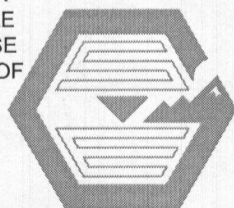
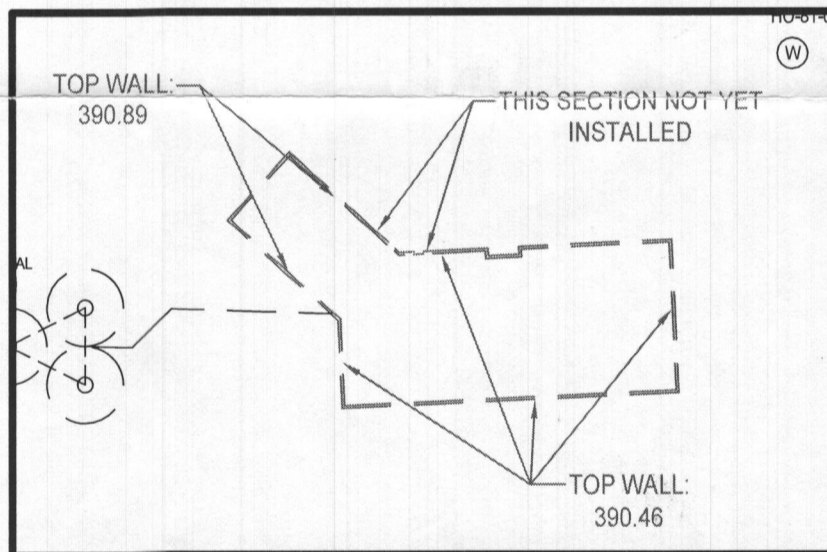
6626 Cornua Ct  
La Isla Lot 5

## Note to File

11/16/22 - This property was established via subdivision plat with a 10,000 sq ft sewage disposal area. Original test notes were lacking detail. Subsequent testing occurred in 2022. That testing indicated limited area available for SDA - a 6460 sq. ft area was approved with space for 3 systems at a 4 bedroom ~~capacity~~ capacity.



THIS IS TO CERTIFY THAT AS OF THE DATE OF THIS DRAWING, THE APPROXIMATE LOCATION(S) OF THE IMPROVEMENTS IS/ARE SHOWN IN RELATION TO THE APPARENT PROPERTY LINES FOR THE PROPERTY KNOWN AS #2614 BRIGHTON DAM ROAD, NEAR BROOKEVILLE, IN THE 8TH ELECTION DISTRICT OF MONTGOMERY COUNTY, MARYLAND, ACCORDING TO MY MEASUREMENTS AND CALCULATIONS, AND TO THE REGULATIONS GOVERNING THE MARYLAND STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYORS, EFFECTIVE DATE JANUARY 5, 2015. THIS DRAWING IS NOT INTENDED TO REPLACE AN EXAMINATION OF TITLE, OR DEPICT OR NOTE ALL MATTERS AFFECTING THE TITLE PERTAINING TO THE OWNERSHIP AND USE OF THIS PROPERTY. THE AUTHENTICITY OF THIS DOCUMENT CAN BE VERIFIED (SEE NOTE D ABOVE). THIS 4TH DAY OF AUGUST, 2023.



**SEG LAND SURVEYING, LLC**

16005 Frederick Road, 2nd Floor Phone: 443.325.5076  
Woodbine, Maryland 21797 Fax: 410.696.2022  
Email: info@seglandsurveying.com

DESIGN BY: PS  
DRAWN BY: JB  
CHECKED BY: PS  
SCALE: AS SHOWN  
DATE: NOVEMBER 13, 2023  
PROJECT #: 21-098  
SHEET #: 1 of 1

**WALL CHECK**  
**MOSMAN PROPERTY**

6626 CORINA COURT

TAX MAP 35 GRID 23  
5TH ELECTION DISTRICT

PARCEL 113, LOT 5  
HOWARD COUNTY, MARYLAND

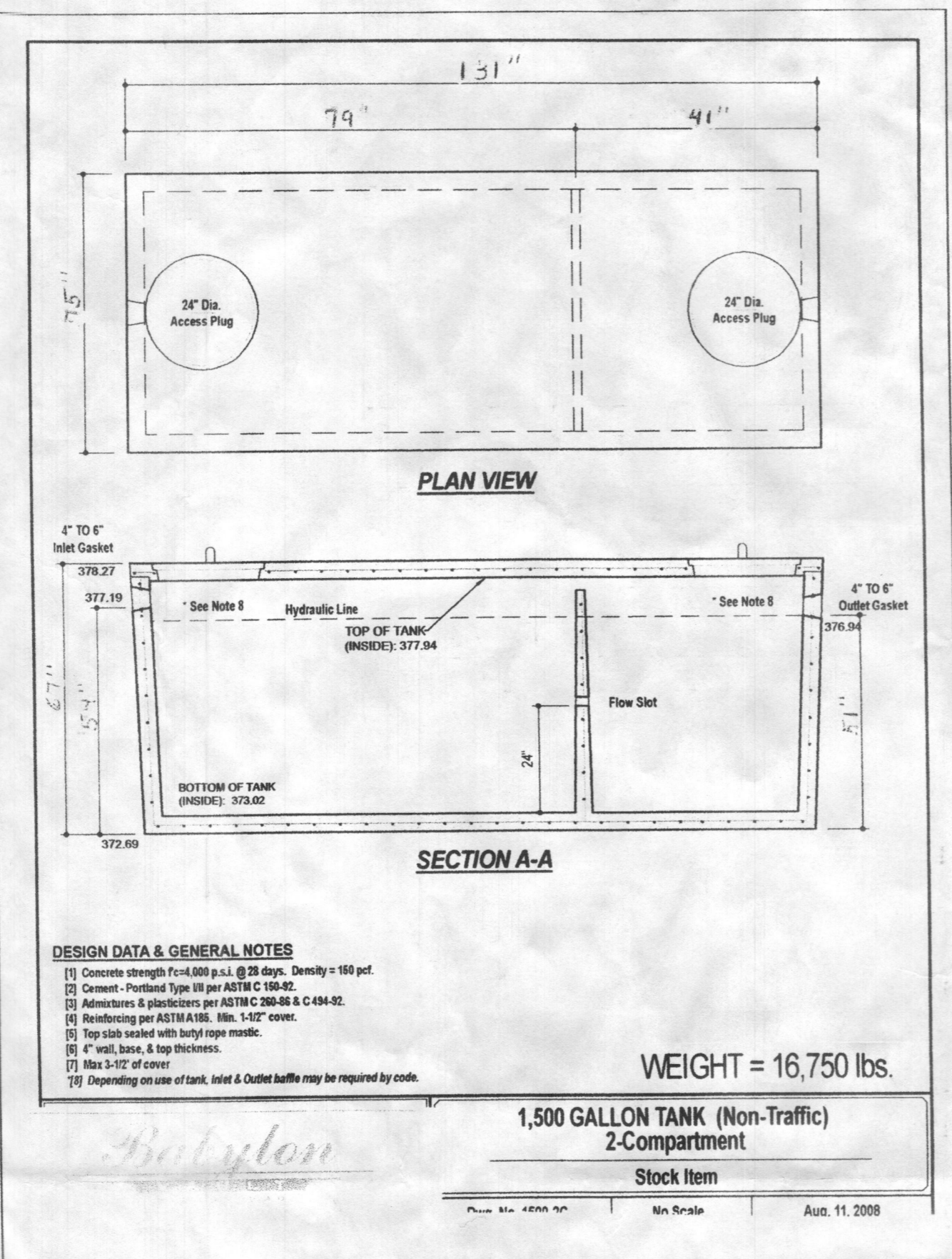
*Wall Check  
OK  
RAE 12/15/2023*

**GENERAL NOTES**

- SUBJECT PROPERTY ZONED R-20 PER 1006/18 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF LOT = 3.009 AC.±
- DEED REFERENCE: LIBER 21759, FOLIO 245
- PROPERTY ADDRESS: 6626 CORINA COURT, COLUMBIA MD 21044
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF AT LEAST 6,460 SF AND ACCOMMODATES AN INITIAL SYSTEM AS WELL AS TWO RESERVE SEPTIC SYSTEMS FOR FUTURE USE AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS HAVE BEEN FIELD LOCATED.
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN SURVEY PERFORMED BY SEG LAND SURVEYING, LLC IN OCTOBER 2021.
- THE TOPOGRAPHY SHOWN HEREON IS AT TWO FOOT INTERVALS AND IS BASED ON A FIELD RUN TOPOGRAPHY SURVEY PREPARED BY SEG LAND SURVEYING, LLC IN FEBRUARY OF 2022. OFFSITE TOPOGRAPHY IS BASED ON HOWARD COUNTY AERIAL TOPOGRAPHY.
- THE WELL (HO-81-0389) WAS FIELD LOCATED AND IS ACCURATELY SHOWN.
- THE SOILS SHOWN HAVE BEEN TAKEN FROM THE NRCS WEB SOIL SURVEY WEBSITE.
- TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO HISTORIC STRUCTURES OR CEMETERIES WITHIN THE PROJECT BOUNDARY.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 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.
- A FIELD REVIEW PERFORMED BY SILL ENGINEERING GROUP, LLC, IN JULY OF 2022 HAS CONFIRMED THAT STEEP SLOPES, SOME WETLAND BUFFER, AND STREAM BUFFER ARE PRESENT AT THE REAR OF THE PROPERTY, BUT NOT WITHIN THE AREA OF DEVELOPMENT. NO CEMETERIES OR HISTORIC ELEMENTS ARE KNOWN TO OCCUR ON THE SUBJECT PROPERTY. NO FLOODPLAINS CAN BE FOUND ON SITE. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAMS OR THEIR REQUIRED BUFFERS, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREAS, UNLESS WAIVERS HAVE BEEN APPROVED OR ACTIVITIES HAVE BEEN DETERMINED ESSENTIAL BY THE DEPARTMENT OF PLANNING AND ZONING.
- EXISTING UTILITIES ARE LOCATED BY THE USE OF ANY OR ALL OF THE FOLLOWING: ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER PLANS AND OTHER AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF THE EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.

**SEPTIC SYSTEM TRENCH DESIGN SPECIFICATIONS**

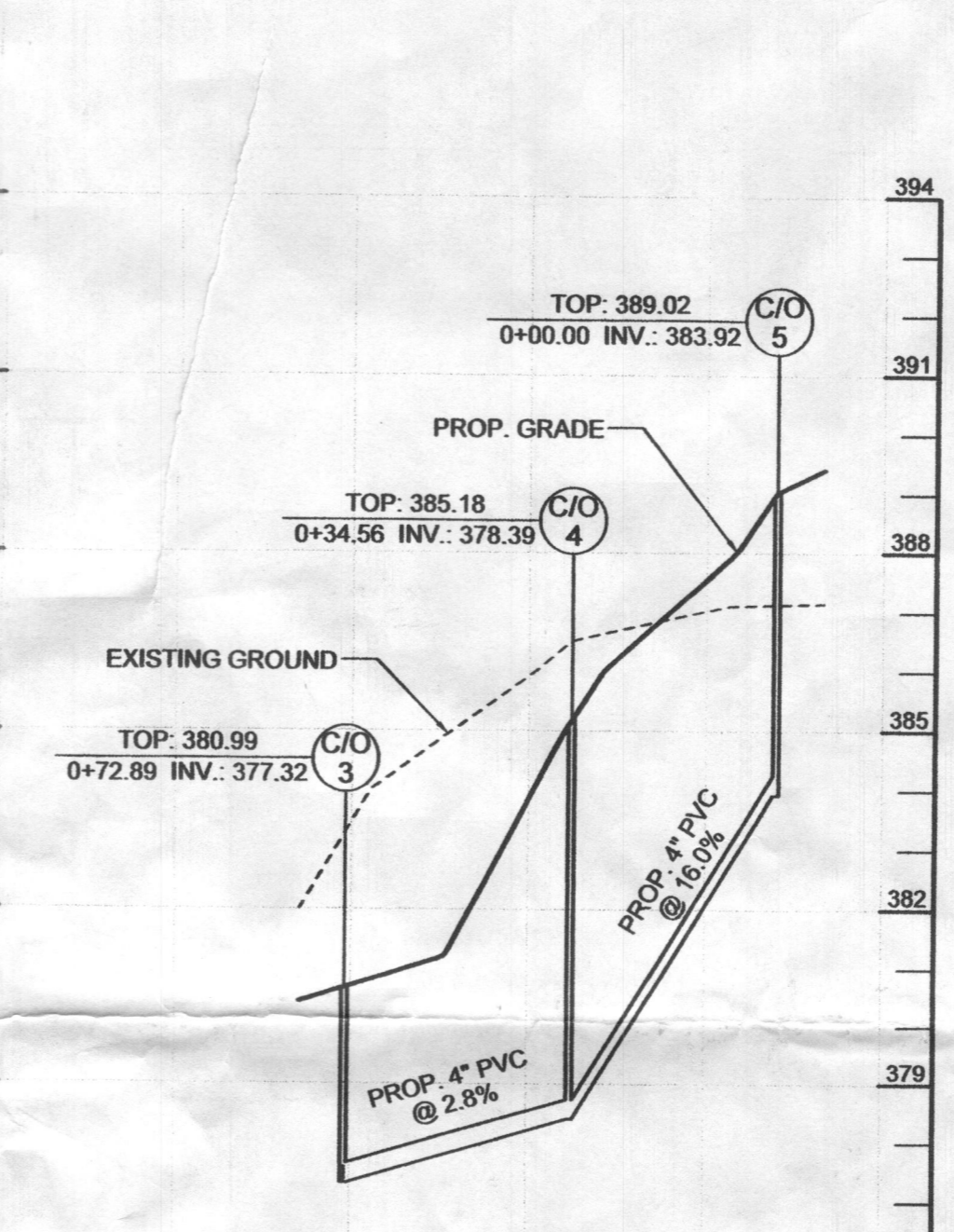
- INITIAL SYSTEM SYSTEM:**
- APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 5.0'
  - BOTTOM MAXIMUM DEPTH: 8.0'
- DESIGN FLOW:**
- 4 BEDROOMS AT 150 GALLONS PER DAY (GPD)
  - 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (1.2) = 500 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3.0'
  - TRENCH EFFECTIVE DEPTH (D) = 3.0'
  - (W+2) / (W+1+2D) X 100 = 50%
  - DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3.0') = 83.3'
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (500) X SIDEWALL REDUCTION CREDIT (50%) / TRENCH WIDTH (3.0') = 83.3'
  - LINEAR LENGTH OF TRENCH PROVIDED = 84'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 84'**
- 6. EXISTING GROUND:**
- TRENCH R1-1: 369.6
  - TRENCH R1-2: 367.5
  - TRENCH R1-3: 365.5
  - TRENCH R1-4: 363.3
- INVERT:**
- TRENCH R1-1: 367.6
  - TRENCH R1-2: 365.5
  - TRENCH R1-3: 363.3
  - TRENCH R1-4: 361.1
- EXISTING GROUND:**
- TRENCH R1-1: 369.6
  - TRENCH R1-2: 367.5
  - TRENCH R1-3: 365.5
  - TRENCH R1-4: 363.3
- INVERT:**
- TRENCH R1-1: 367.6
  - TRENCH R1-2: 365.5
  - TRENCH R1-3: 363.3
  - TRENCH R1-4: 361.1
- FIRST REPLACEMENT SYSTEM:**
- APPLICATION RATE: 0.8
  - EFFECTIVE AREA BEGINNING DEPTH: 6.0'
  - BOTTOM MAXIMUM DEPTH: 8.0'
- DESIGN FLOW:**
- 4 BEDROOMS AT 150 GALLONS PER DAY (GPD)
  - 4X150 GPD = 600 GPD
- 2. SQUARE FOOTAGE OF DRAIN FIELD REQUIRED:**
- DESIGN FLOW (600 GPD) / APPLICATION RATE (0.8) = 1,000 SF
- 3. SIDEWALL REDUCTION CREDIT:**
- TRENCH WIDTH (W) = 3.0'
  - TRENCH EFFECTIVE DEPTH (D) = 2.0'
  - (W+2) / (W+1+2D) X 100 = 63%
- 4. LINEAR LENGTH OF TRENCH REQUIRED:**
- DRAIN FIELD SQUARE FOOTAGE (1,000) X SIDEWALL REDUCTION CREDIT (63%) / TRENCH WIDTH (3.0') = 210'
- 5. LINEAR LENGTH OF TRENCH PROVIDED = 210'**
- 6. EXISTING GROUND:**
- TRENCH R2-1: 363.4
  - TRENCH R2-2: 361.4
  - TRENCH R2-3: 361.7
  - TRENCH R2-4: 359.7
  - TRENCH R2-5: 360.1
  - TRENCH R2-6: 358.1
- INVERT:**
- TRENCH R2-1: 361.4
  - TRENCH R2-2: 361.7
  - TRENCH R2-3: 360.1
  - TRENCH R2-4: 358.1
  - TRENCH R2-5: 356.1
  - TRENCH R2-6: 354.1
- EXISTING GROUND:**
- TRENCH R2-1: 363.4
  - TRENCH R2-2: 361.4
  - TRENCH R2-3: 361.7
  - TRENCH R2-4: 359.7
  - TRENCH R2-5: 360.1
  - TRENCH R2-6: 358.1
- INVERT:**
- TRENCH R2-1: 361.4
  - TRENCH R2-2: 361.7
  - TRENCH R2-3: 360.1
  - TRENCH R2-4: 358.1
  - TRENCH R2-5: 356.1
  - TRENCH R2-6: 354.1



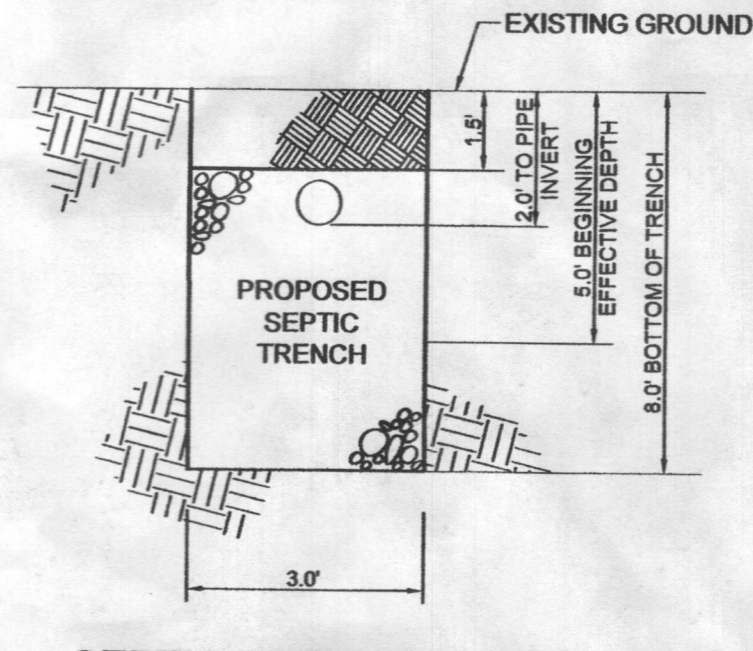
**PROPOSED 1,500-GALLON SEPTIC TANK DETAIL**  
NOT TO SCALE

**CLEANOUT INVERT CHART**

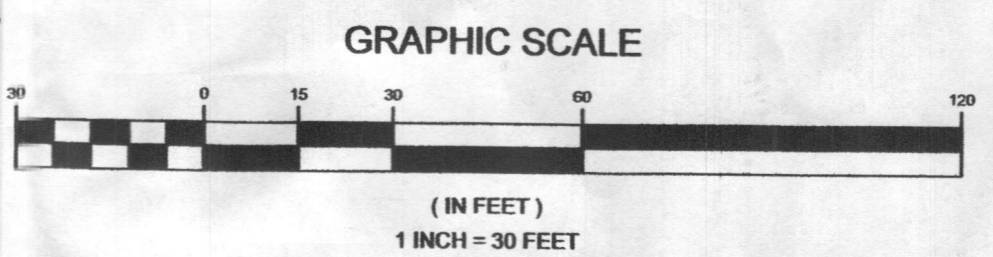
CLEANOUT	ELEVATION
1	368.36
2	376.30
3	377.32
4	378.39
5	383.92



**CLEANOUT PROFILE**  
HORIZONTAL SCALE: 1" = 30'  
VERTICAL SCALE: 1" = 3'



**SEPTIC TRENCH DETAIL**  
NOT TO SCALE



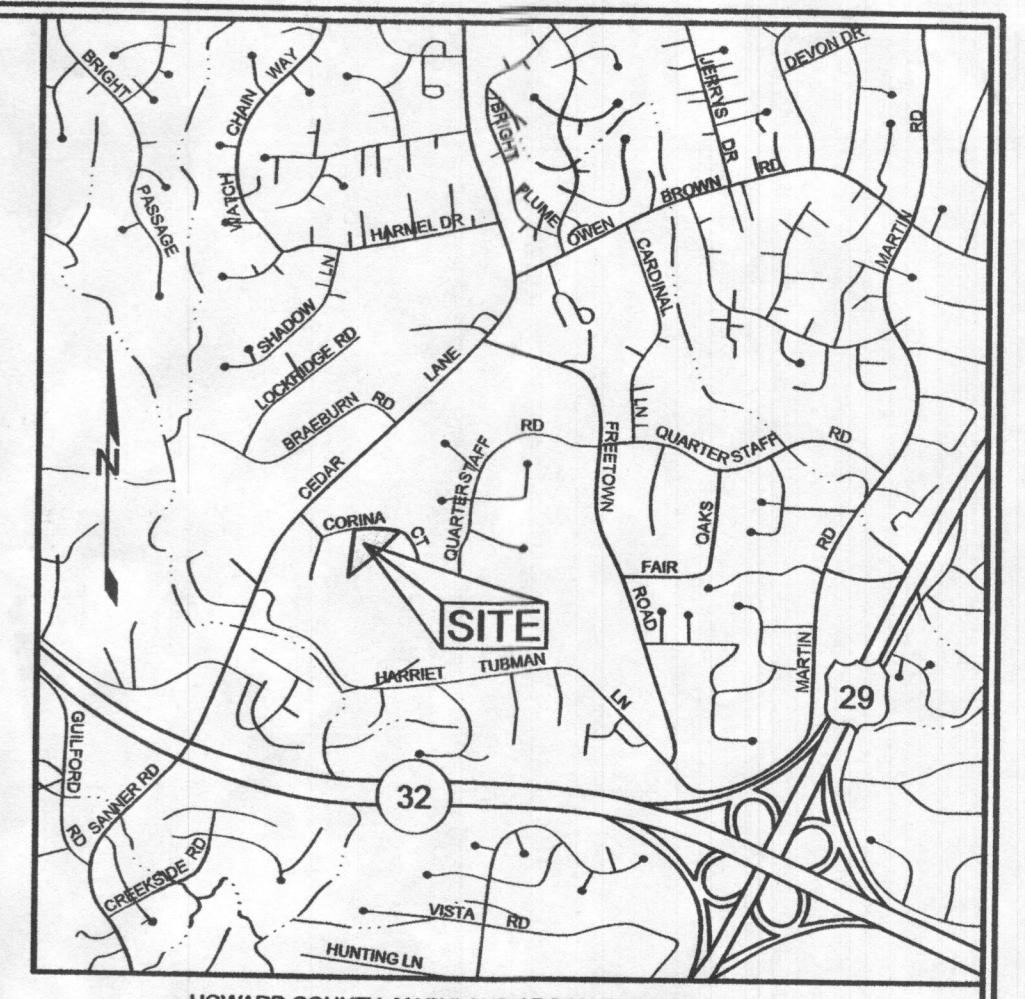
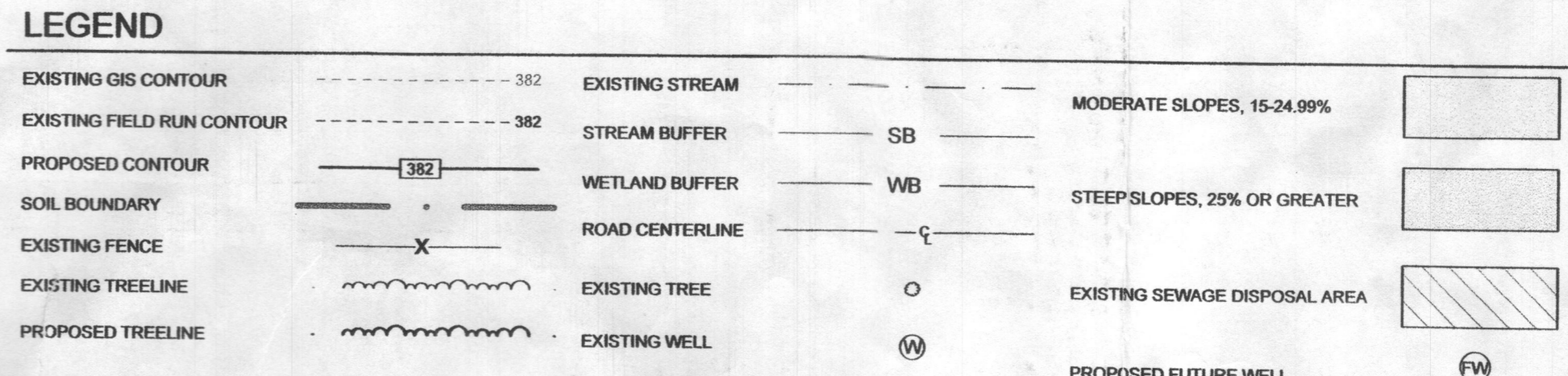
**SOILS LEGEND**

SYMBOL	NAME / DESCRIPTION	GROUP	Kc FACTOR
SB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	A	0.28
BT	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.28

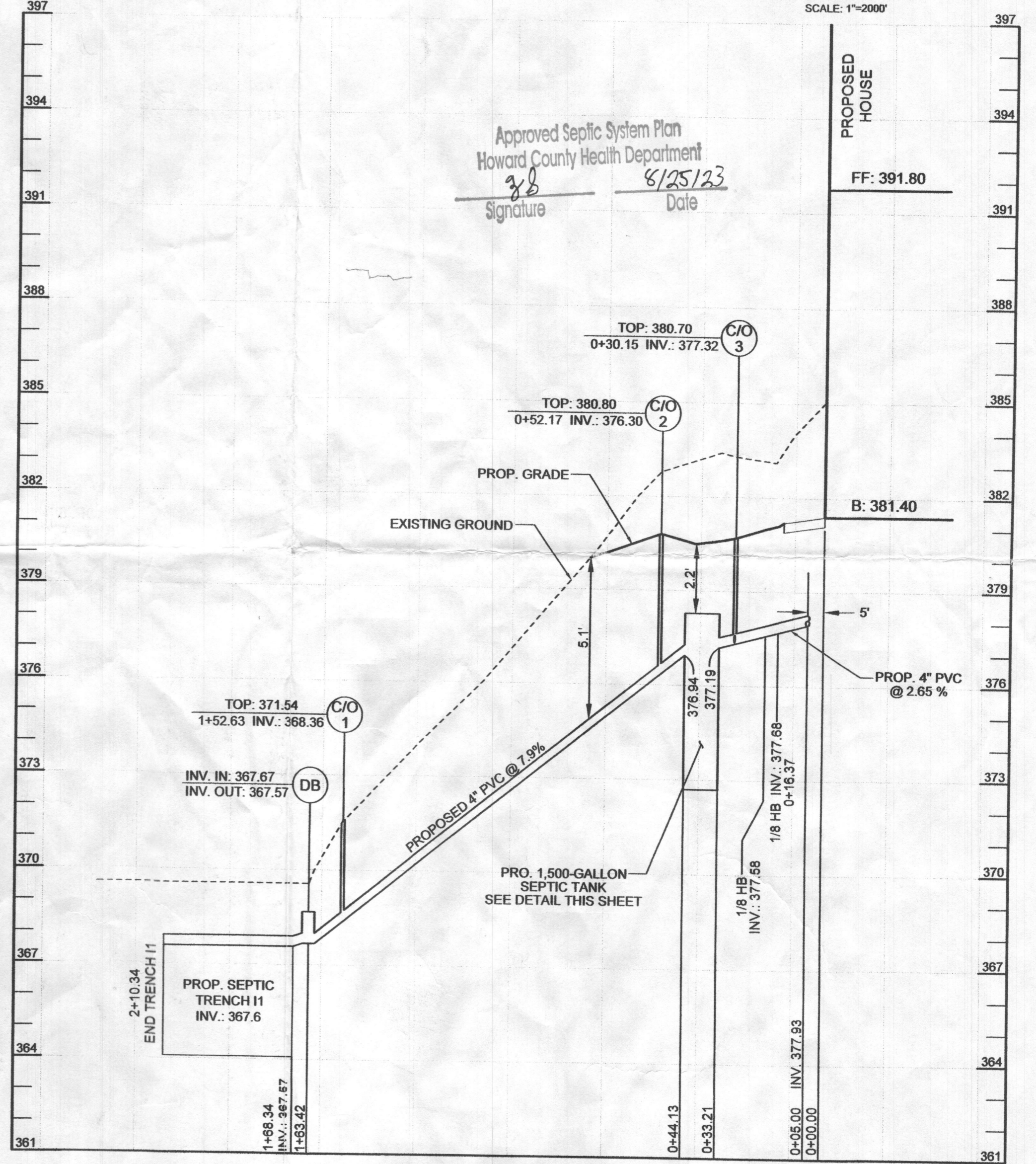
SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE; NATURAL RESOURCES CONSERVATION SERVICE; WEB SOIL SURVEY. HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'Kc' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.

**OWNER/DEVELOPER**

**MIKE MOSMAN**  
7614 SWEET HOURS WAY  
COLUMBIA, MARYLAND 21046  
MIKEMOSMAN@AOL.COM  
410-336-0803



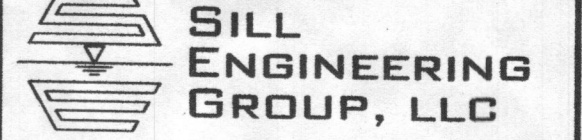
**VICINITY MAP**  
SCALE: 1"=2000'



**SEPTIC SYSTEM PROFILE**  
HORIZONTAL SCALE: 1" = 30'  
VERTICAL SCALE: 1" = 3'

**ONSITE SEWAGE DISPOSAL PLAN, PROFILE NOTES, & DETAILS**  
**MOSMAN PROPERTY**  
6626 CORINA COURT

TAX MAP 35 GRID 23  
5TH ELECTION DISTRICT  
PARCEL 113, LOT 5  
HOWARD COUNTY, MARYLAND



16005 Frederick Road, 2nd Floor  
Woodbine, Maryland 21797  
Phone: 443.325.5076  
Fax: 410.696.2022  
Email: info@sillengineering.com  
Civil Engineering for Land Development

DESIGN BY: PS  
DRAWN BY: TB  
CHECKED BY: PS  
SCALE: AS SHOWN  
DATE: AUGUST 10, 2023  
PROJECT #: 21-098  
SHEET #: 1 of 1

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. 32025, EXPIRATION DATE: JUNE 30, 2025.