

**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: 8/27/2025 **ONSITE SEWAGE DISPOSAL SYSTEM** P 5-89178

APPROVAL DATE: 12/16/2025 **PERMIT: NEW (upgrade) CONSTRUCTION** A \_\_\_\_\_

PROPERTY ADDRESS: 12146 Mount Albert Road

SUBDIVISION: Woodmark LOT: 45 TAX ID: 03-283216

CONTRACTOR: Farm and Home Excavating EMAIL: farmhomeex@verizon.net

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

PROPERTY OWNER: Brendan Cunning & Beatrice Hoffman EMAIL: \_\_\_\_\_

OWNER ADDRESS: 12146 Mount Albert Road, Ellicott City, MD 21042 PHONE: \_\_\_\_\_

SEPTIC TANK SIZE: 2000 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>105</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>4</u>
LOCATION:	<b>SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	2 X 53FT trenches Pump /Abandon existing septic system	

ISSUED BY: K. Wolf ISSUE DATE: 12/3/2025 EXPIRATION DATE: 12/3/2026

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- 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 SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE 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: THE HCHD DOES NOT WARRANT ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- 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 AS-Built

12/16/2025 - Received pres. of abandoned DW from installer. (SP)

12/10/2025 - Trenches not staked. Lengths @ 52.5, contractor to go to 55'. Tank staked per plan. OK to start work. (SP)

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH \* INLET BOTTOM
NUMBER OF TRENCHES
TOTAL LENGTH
ABSORPTION AREA
DISTRIBUTION BOX LEVEL
DISTRIBUTION BOX BAFFLE
DISTRIBUTION BOX PORT

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes
MANUFACTURER Babylon
CAPACITY 2000 GAL
SEAM LOC top
TANK LID DEPTH 1.5'-1'
BAFFLES 6" front & 4" back
BAFFLE FILTER
MANHOLE LOC front & back
6" PORT LOC
WATERTIGHT TEST
SLOTTED yes
DATE ON LID 10/13/2025

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

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: William Ingram
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

11/12/2025 - Installer onsite for pre-con. Well loc > 100' from tank & SPA. Tank & SPA staked per plan. Contractor wants to move tank closer to DW, ~ 5' from lid to be more in line w/ front line. Contractor wants to move trenches away from large pine tree ~ 15' down from SPA boundary. Short contract & measured C/C, distance ~ 13'. Wanting to hear

INSTALLATION NOTES: from H/W if tree will be removed for septic from as shown or revision is needed. will need to layout trenches & new tank loc regardless. (SP)

12/11/2025 - Tank installed w/ < 2' cover. Front line installed w/ > 1% fall. 6" installed. 1x tank abandoned & filled in w/ stone. 6" front & 4" back baffle installed. Perm line installed w/ drop & > 1% fall, d-box set. Respect to level d-box & for trenches. (SP)

12/11/2025 - Contractor onsite for inspection. Trenches finished upon arrival, contractor installed trenches closer to d-box, stated old trench not hit. Trench on center. Lengths @ 58' & 57'. OK to dump fill. DW not abundant yet, installer to abandon & send pics. (SP)

FINAL INSPECTOR S. Page. DATE OF APPROVAL 12/16/2025

CONTROL PANEL DATA

CONTROL PANEL HEIGHT (MIN 30")
INSPECTION DATE
INSPECTION: PASS/FAIL (CIRCLE ONE)



**SEPTIC TRENCH DESIGN (INITIAL SYSTEM)**

- INITIAL SYSTEM:
  - APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 4'
  - BOTTOM MAXIMUM DEPTH: 8'
- DESIGN FLOW:
  - 6 BEDROOMS AT 150 GPD
  - 6x150 GPD = 900 GPD
- SQUARE FOOTAGE OF DRAINFIELD REQUIRED:
  - DESIGN FLOW (900 GPD) / APPLICATION RATE (1.2) = 750.0
- SIDEWALL REDUCTION CREDIT:
  - TRENCH WIDTH (W) = 3'
  - TRENCH DEPTH (D) = 4'
  - $(W \times 2) / (W + 2D) \times 100 = 41.67\%$
- LINEAR LENGTH OF TRENCH REQUIRED:
  - DRAINFIELD SQUARE FOOTAGE (750.0) x SIDEWALL REDUCTION PERCENTAGE (41.67%) / TRENCH WIDTH (3') = 104.16'
- LINEAR LENGTH OF TRENCH PROVIDED = 105.0'

INITIAL SEPTIC TRENCH					
TRENCH NUMBER	EXISTING GRADE	INVERT	TRENCH BOTTOM	LENGTH	WIDTH
1	459.5	454.5	450.5	52.5'	3'
2	457.0	453.0	449.0	52.5'	3'

**SEPTIC TRENCH DESIGN (FIRST REPLACEMENT SYSTEM)**

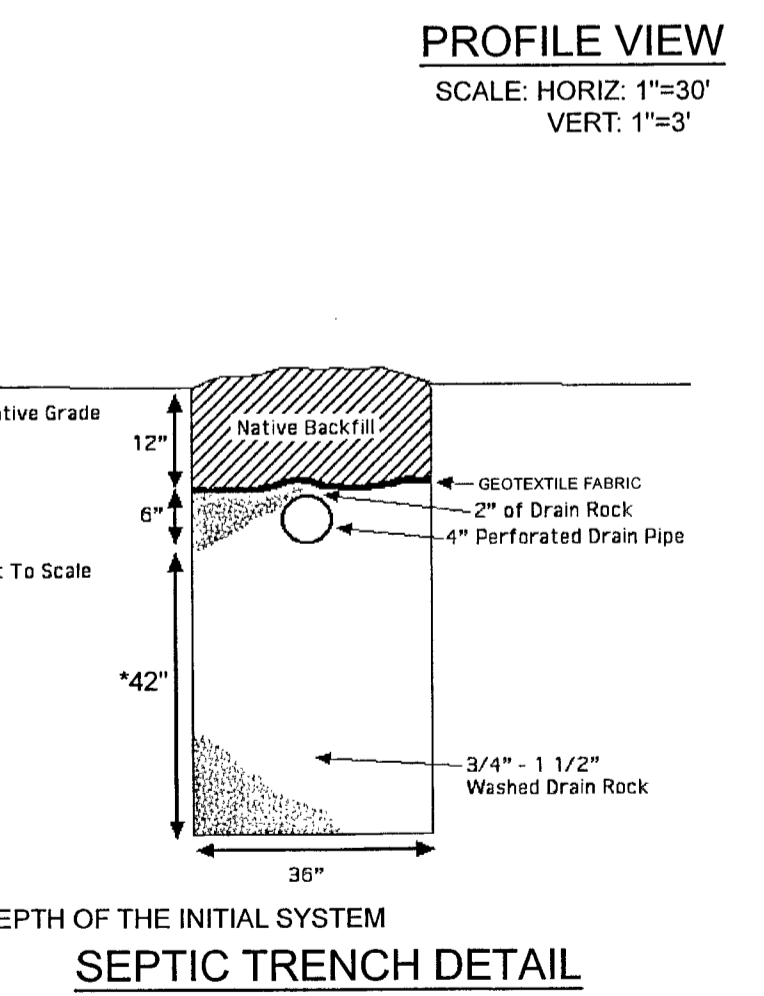
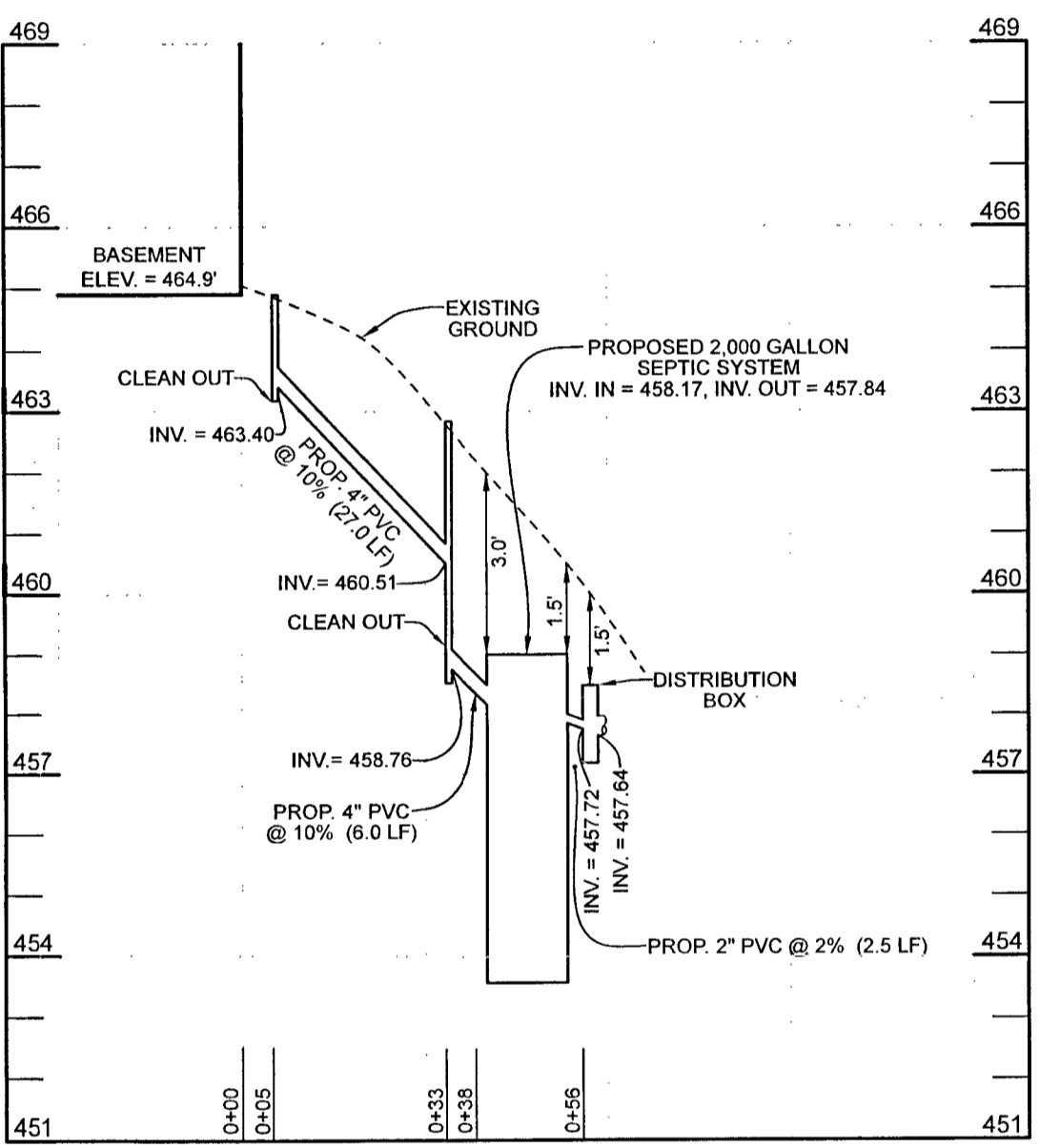
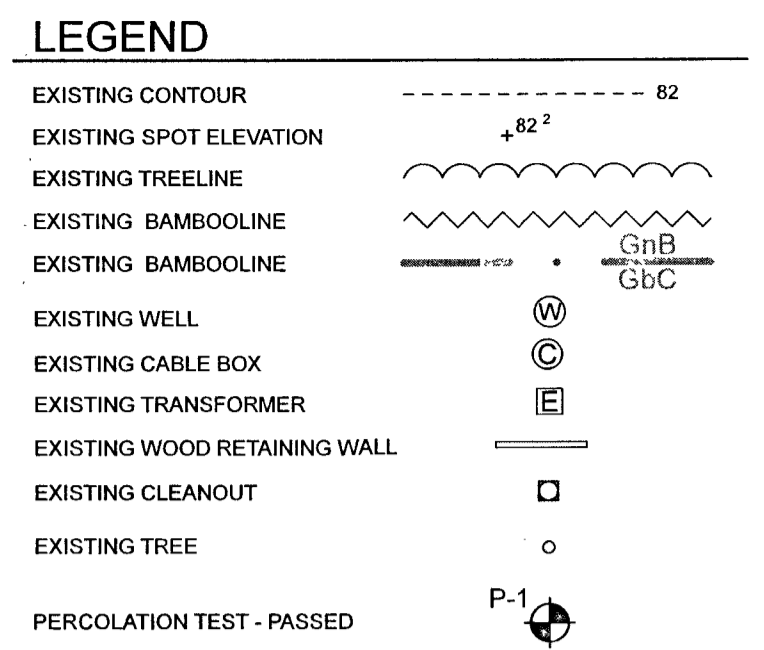
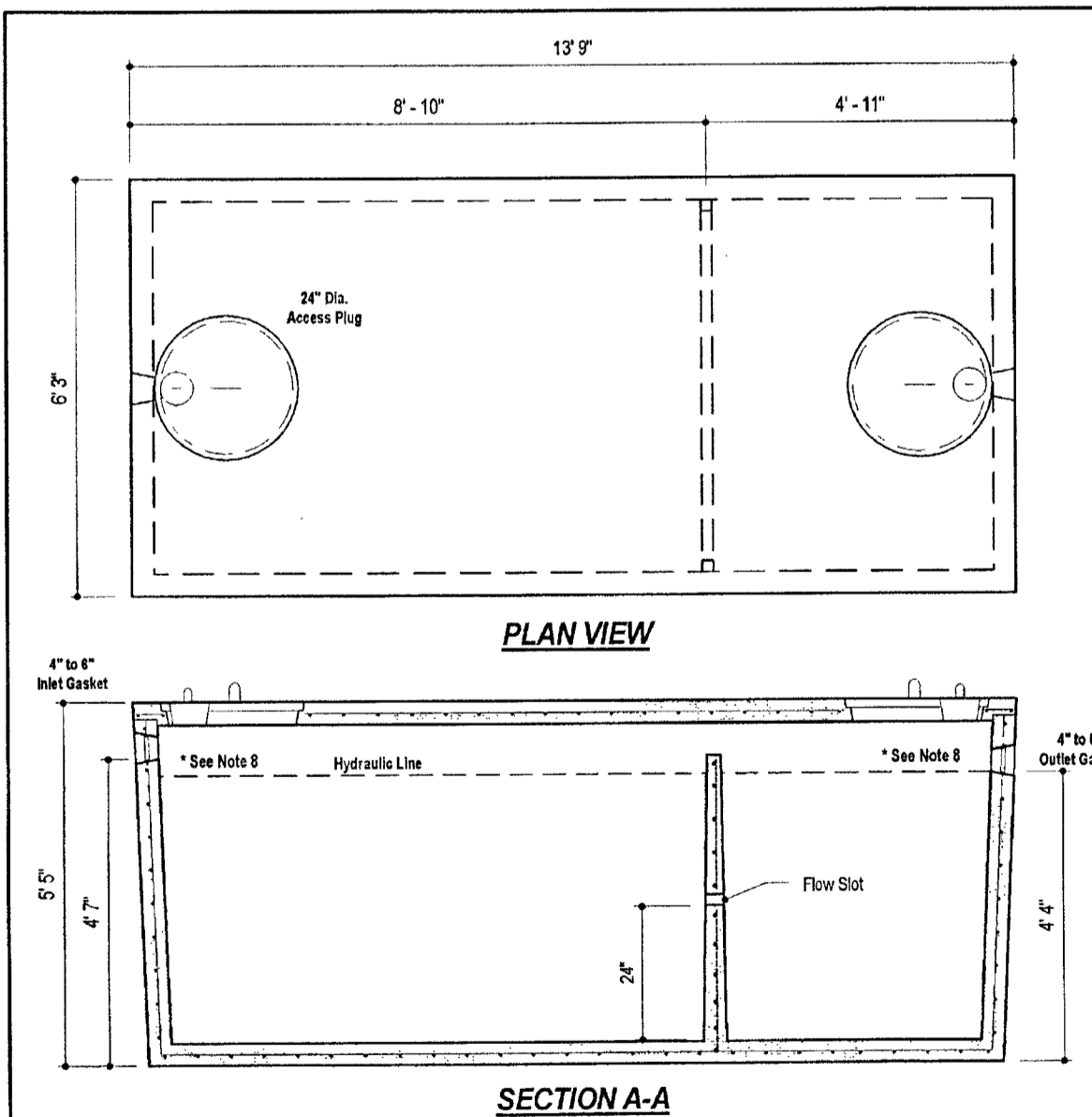
- REPLACEMENT SYSTEM:
  - APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 4'
  - BOTTOM MAXIMUM DEPTH: 6'
- DESIGN FLOW:
  - 6 BEDROOMS AT 150 GPD
  - 6x150 GPD = 900 GPD
- SQUARE FOOTAGE OF DRAINFIELD REQUIRED:
  - DESIGN FLOW (900 GPD) / APPLICATION RATE (1.2) = 750.0
- SIDEWALL REDUCTION CREDIT:
  - TRENCH WIDTH (W) = 3'
  - TRENCH DEPTH (D) = 2'
  - $(W \times 2) / (W + 2D) \times 100 = 62.50\%$
- LINEAR LENGTH OF TRENCH REQUIRED:
  - DRAINFIELD SQUARE FOOTAGE (900.0) x SIDEWALL REDUCTION PERCENTAGE (62.50%) / TRENCH WIDTH (3') = 187.5'
- LINEAR LENGTH OF TRENCH PROVIDED = 188.0'

FIRST REPLACEMENT SEPTIC TRENCH					
TRENCH NUMBER	EXISTING GRADE	INVERT	TRENCH BOTTOM	LENGTH	WIDTH
1	453.0	449.0	447.0	94.0'	3'
2	451.5	447.5	445.5	94.0'	3'

**SEPTIC TRENCH DESIGN (SECOND REPLACEMENT SYSTEM)**

- REPLACEMENT SYSTEM:
  - APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 4'
  - BOTTOM MAXIMUM DEPTH: 6'
- DESIGN FLOW:
  - 6 BEDROOMS AT 150 GPD
  - 6x150 GPD = 900 GPD
- SQUARE FOOTAGE OF DRAINFIELD REQUIRED:
  - DESIGN FLOW (900 GPD) / APPLICATION RATE (1.2) = 750.0
- SIDEWALL REDUCTION CREDIT:
  - TRENCH WIDTH (W) = 3'
  - TRENCH DEPTH (D) = 2'
  - $(W \times 2) / (W + 2D) \times 100 = 62.50\%$
- LINEAR LENGTH OF TRENCH REQUIRED:
  - DRAINFIELD SQUARE FOOTAGE (900.0) x SIDEWALL REDUCTION PERCENTAGE (62.50%) / TRENCH WIDTH (3') = 187.5'
- LINEAR LENGTH OF TRENCH PROVIDED = 188.0'

SECOND REPLACEMENT SEPTIC TRENCH					
TRENCH NUMBER	EXISTING GRADE	INVERT	TRENCH BOTTOM	LENGTH	WIDTH
1	451.0	448.0	446.0	94.0'	3'
2	449.5	446.5	444.5	94.0'	3'



**DESIGN DATA & GENERAL NOTES**

- Concrete strength Fc=4,000 p.s.i. @ 28 days, Density = 150 pcf.
- Concrete - Portland Type III per ASTM C 150.
- Reinforcing per ASTM A 618, Min. 5/16" cover.
- Top 2 inches of concrete to be reinforced.
- 4" wall, 4" base, 8" top thickness.
- Min. 1" of cover.
- Depending on use of tank, inlet & outlet baffles may be required by code.

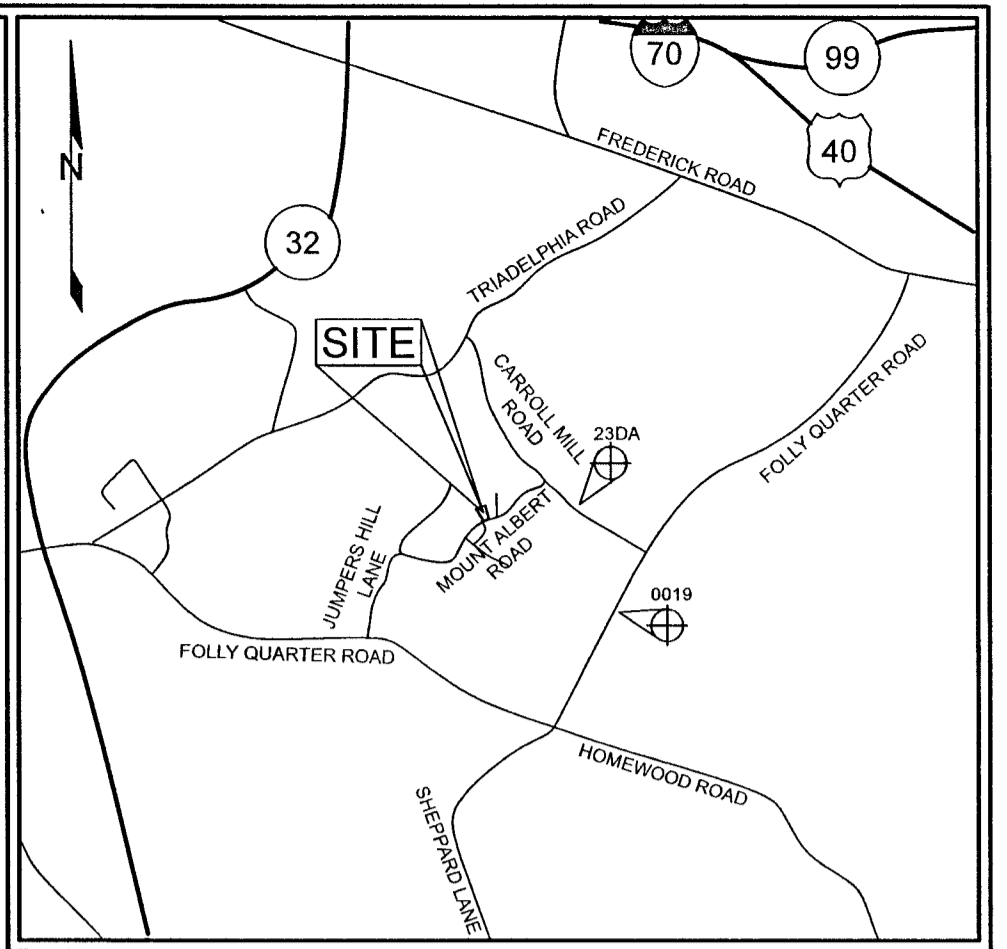
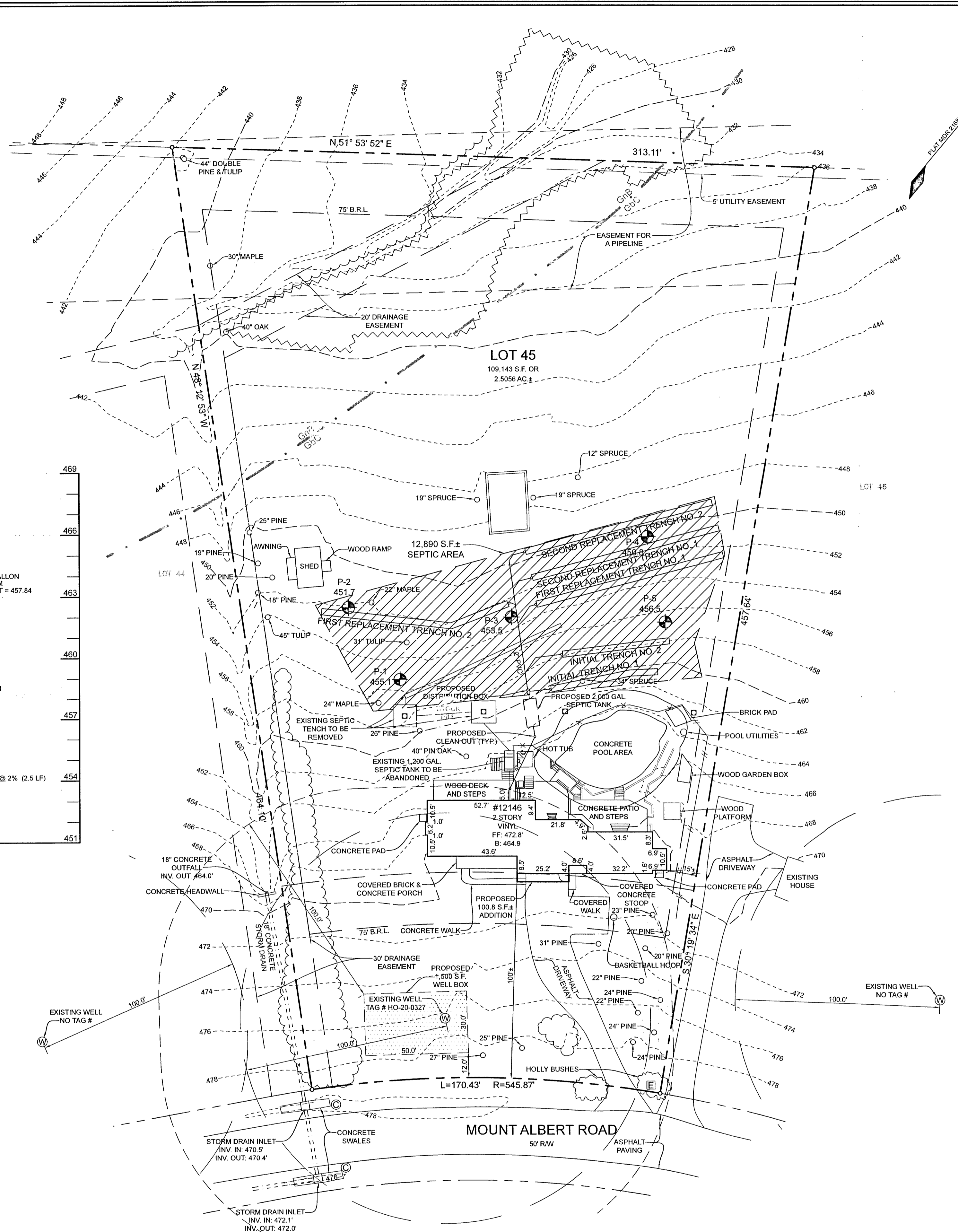
**2,000 GALLON SEPTIC TANK**  
2-Compartment  
Stock Item (Approx. 19,900 lbs)

Mayer Bros., Inc. 3284 River Road, Ellicott City, Maryland 21042, Tel: 410.796.1424, Fax: 410.796.1420

Dwg. No. 2000-2C No Scale Aug 11, 2008

SOIL LEGEND		
SYMBOL	GROUP	'K' FACTOR
Gbc	A	0.25
Gbd	C	0.43

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



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED RR-DEO PER 10/06/13 COMPREHENSIVE ZONING PLAN.
  - TOTAL AREA OF LOT = 2.5056 AC ±
  - THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA, OF AT LEAST 10,000 SF 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 DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL 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 EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
  - THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ADCOCK & ASSOCIATES, LLC IN APRIL, 2025.
  - THE TOPOGRAPHY SHOWN HEREON HAS BEEN FIELD RUN BY ADCOCK & ASSOCIATES, LLC, IN APRIL, 2025.
  - THE SOILS SHOWN HAVE BEEN TAKEN FROM THE NRCS WEB SOIL SURVEY WEBSITE.
  - THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS, NUMBERS 23DA AND 0919, WERE USED FOR THIS PROJECT.
  - 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.
  - ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
  - THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
  - ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

- SEPTIC DESIGN NOTES**
- 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 SEPTIC DESIGN PLAN MAY BE REQUIRED.
  - THE MAXIMUM EARTH COVER OVER THE TANK IS THREE FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
  - ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
  - THE WELL (#HO-20-0327) AND THE 'OLD WELL' (NO TAG NUMBER) HAVE BEEN FIELD LOCATED AND ARE ACCURATELY SHOWN.
  - ALL 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.

Approved Septic System Plan  
 Howard County Health Department  
 Signature: [Signature] Date: 10/30/2025

**OWNER**  
 BRENDAN CUNNING & BEATRICE HOFFMANN  
 12146 MOUNT ALBERT ROAD  
 ELLICOTT CITY, MARYLAND 21042

**DEVELOPER**  
 JIM BRUMSTED  
 ALLAN HOMES UNLIMITED  
 10350 OLD COLUMBIA ROAD  
 COLUMBIA, MARYLAND 21046  
 410.381.1414

**SEPTIC DESIGN PLAN**  
 12146 MOUNT ALBERT ROAD  
 WOODMARK  
 PART "B", SECTION N° ONE  
 LOT 45

TAX MAP 22 GRID 12  
 3RD ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

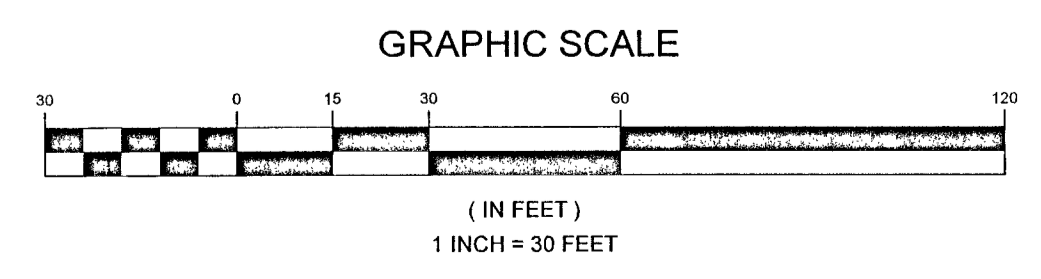
**Adcock & Associates - LLC**  
 Engineers - Surveyors - Planners  
 5389 Enterprise Street Suites B-C  
 Sykesville, Maryland 21784  
 Phone: 413.325.7682  
 Email: mike@adcocksurveying.com

REF. NO.: L 39345, PB 341  
 DRAWN BY: JLT  
 CHECKED BY: MDA  
 SCALE: 1"=30'  
 DATE: OCTOBER 2, 2025  
 PROJECT #: 25-044  
 SHEET #: 1 of 1

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEY WORK REFLECTED IN IT, IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN THE CODE OF MARYLAND TITLE 9, SUBTITLE 13, CHAPTER 05, REGULATION 12, AND THE POSITION OF EXISTING IMPROVEMENTS AS SHOWN HEREON, ARE CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael D. Adcock, Professional Land Surveyor  
 No. 21257, EXPIRATION DATE: 06-16-2027



**SEPTIC TRENCH DESIGN (INITIAL SYSTEM)**

- INITIAL SYSTEM:
  - APPLICATION RATE: 1.2
  - EFFECTIVE AREA BEGINNING DEPTH: 4"
  - BOTTOM MAXIMUM DEPTH: 8"
- DESIGN FLOW:
  - 6 BEDROOMS AT 150 GPD
  - 6x150 GPD = 900 GPD
- SQUARE FOOTAGE OF DRAINFIELD REQUIRED:
  - DESIGN FLOW (900 GPD) / APPLICATION RATE (1.2) = 750.0
- SIDEWALL REDUCTION CREDIT:
  - TRENCH WIDTH (W) = 3'
  - TRENCH DEPTH (D) = 4'
  - (W+2) / (W+1+2D) x 100 = 41.67%
- LINEAR LENGTH OF TRENCH REQUIRED:
  - DRAINFIELD SQUARE FOOTAGE (750.0) x SIDEWALL REDUCTION PERCENTAGE (41.67%) / TRENCH WIDTH (3) = 104.18'
- LINEAR LENGTH OF TRENCH PROVIDED = 105.0'

TRENCH NUMBER	EXISTING GRADE	INVERT	TRENCH BOTTOM	LENGTH	WIDTH
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**SEPTIC TRENCH DESIGN (FIRST REPLACEMENT SYSTEM)**

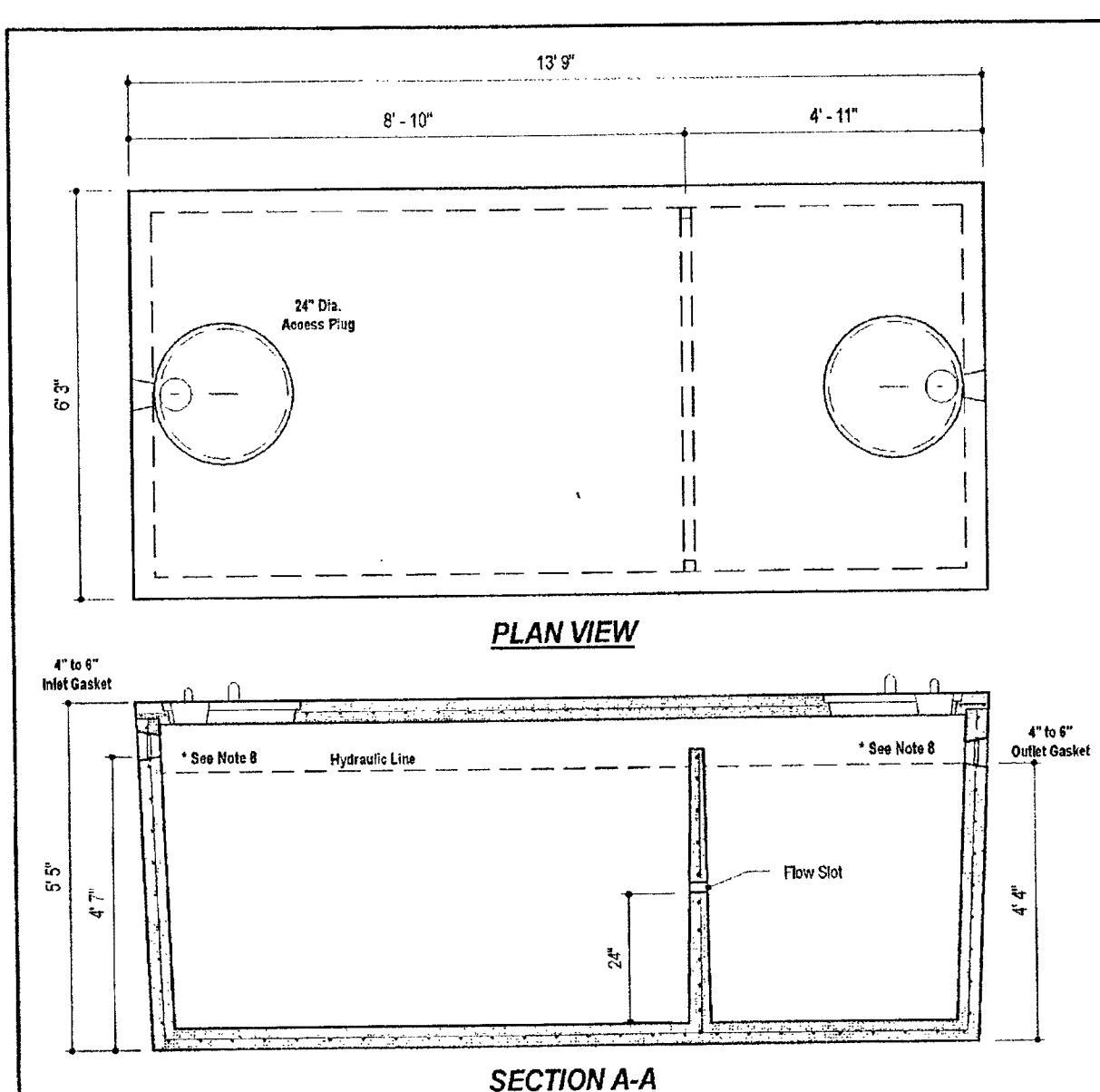
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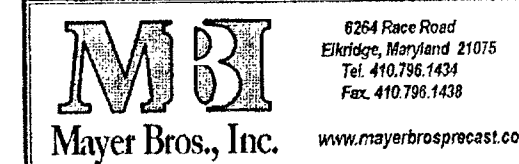
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**DESIGN DATA & GENERAL NOTES**

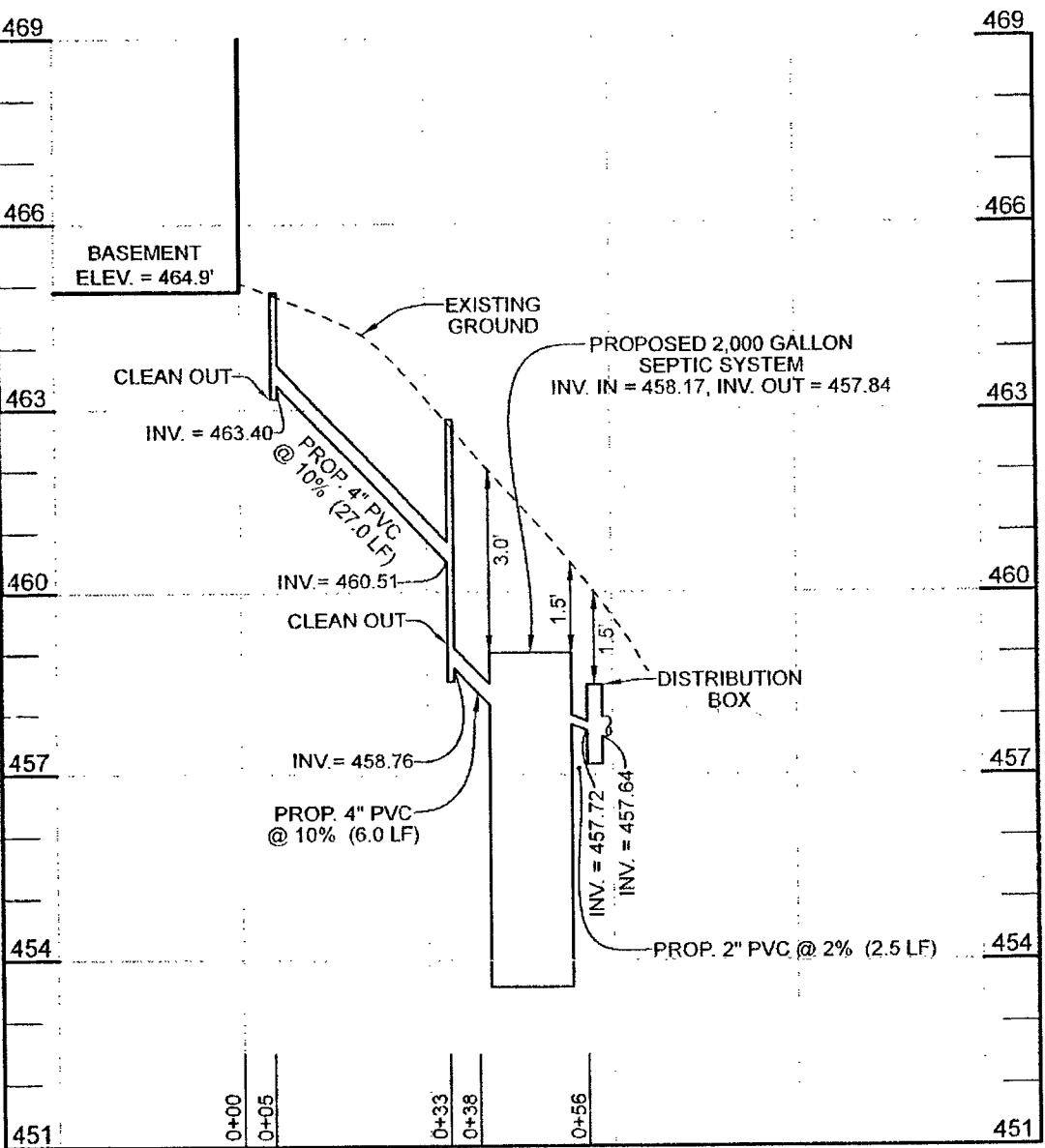
- Concrete strength per ACI 308.3 (3) 3,000 psi, (3) 28 days, Density = 145 pcf.
- General Permitted Type III per ASTM 1505.2.
- Reinforcement & plasticity per ASTM C 2002 R & C 684.02.
- Manufacturing per ASTM 1505.1, 1505.2, 1505.3.
- Top 1/2 inch sealed with hot mastic.
- 1/2" wall, 8" base, 8" top thickness.
- 1/2" of cover.
- Depending on use of tank, inlet & outlet for may be required by code.

**2,000 GALLON SEPTIC TANK**  
2-Compartment  
Stock Item (Approx. 19,900 lbs)  
Dwg. No. 2000-02 No Scale Aug 11, 2008

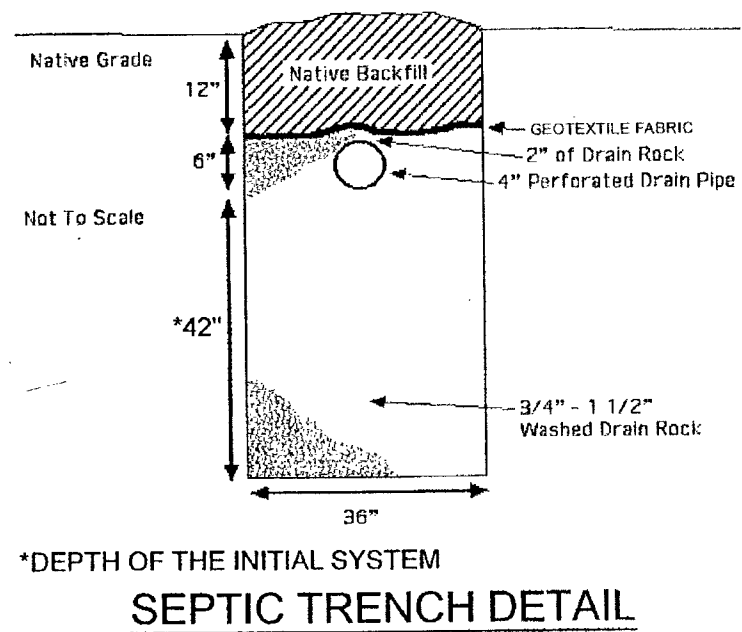


**LEGEND**

- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING TREELINE
- EXISTING BAMBOOLINE
- EXISTING BAMBOOLINE
- EXISTING WELL
- EXISTING CABLE BOX
- EXISTING TRANSFORMER
- EXISTING WOOD RETAINING WALL
- EXISTING CLEANOUT
- EXISTING TREE
- PERCOLATION TEST - PASSED



**PROFILE VIEW**  
SCALE: HORIZ. 1"=30'  
VERT. 1"=3'

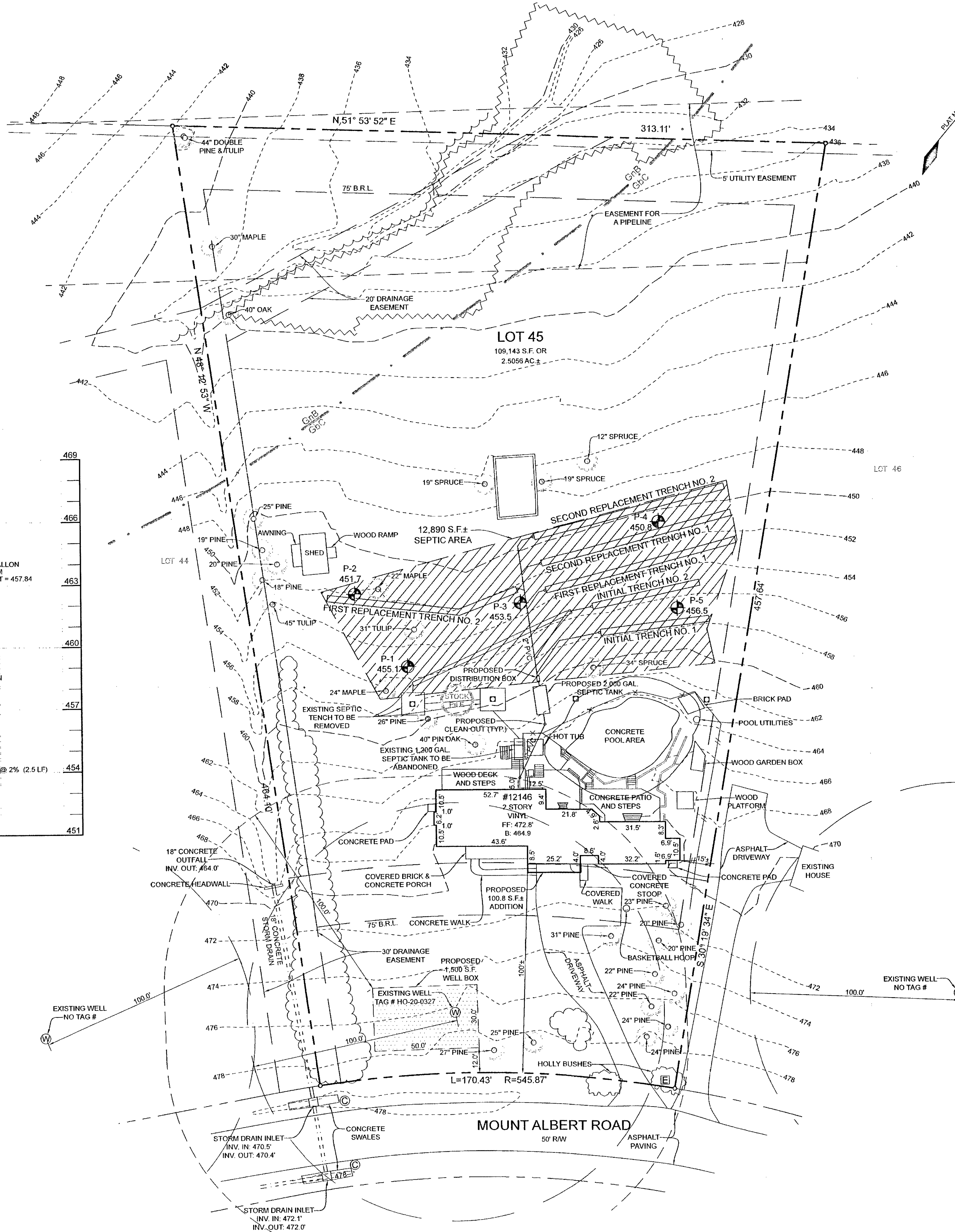


**\*DEPTH OF THE INITIAL SYSTEM**  
**SEPTIC TRENCH DETAIL**

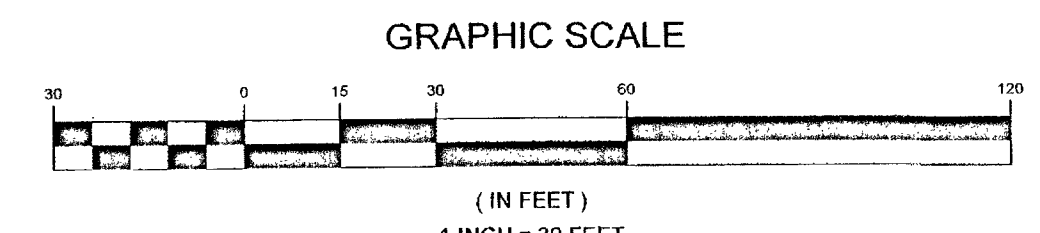
SOIL LEGEND		
SYMBOL	GROUP	"K" FACTOR
Gbc	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	0.28
Gnb	GLENNVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	0.43

**NOTES:**

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



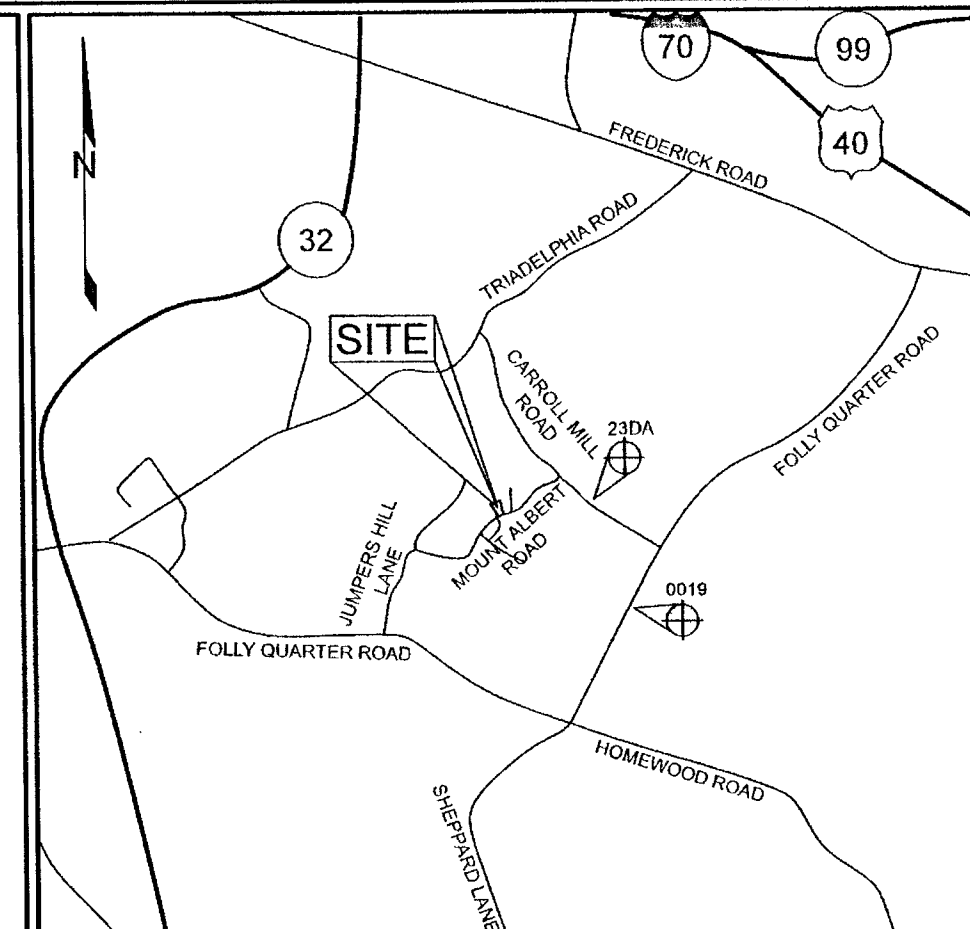
**SITE AREA**  
SCALE: 1"=30'



**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEY WORK REFLECTED IN IT, IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN THE CODE OF MARYLAND TITLE 5, SUBTITLE 13, CHAPTER 06, REGULATION 12, AND THE POSITION OF EXISTING IMPROVEMENTS AS SHOWN HEREON, ARE CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Michael D. Adcock, PROFESSIONAL LAND SURVEYOR  
NO. 21244-EXPIRATION DATE: 06-16-2027



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

**GENERAL NOTES**

- SUBJECT PROPERTY ZONED RR-DEO PER 10/06/13 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF LOT = 2.5056 AC ±.
- THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA, OF AT LEAST 10,000 SF 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 DISPOSAL AREA. RECORDATION OF A MODIFIED SEWAGE DISPOSAL 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 EXISTING WELLS SHOWN ON THIS PLAN HAVE BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ADCOCK & ASSOCIATES, LLC IN APRIL 2025.
- THE TOPOGRAPHY SHOWN HEREON HAS BEEN FIELD RUN BY ADCOCK & ASSOCIATES, LLC IN APRIL 2025.
- THE SOILS SHOWN HAVE BEEN TAKEN FROM THE NRCS WEB SOIL SURVEY WEBSITE.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS, NUMBERS 23DA AND 0019, WERE USED FOR THIS PROJECT.
- 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.
- ANY DAMAGE TO PUBLIC RIGHT-OF-WAYS, PAVING OR EXISTING UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- THE LOT SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.

**SEPTIC DESIGN NOTES**

- 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 SEPTIC DESIGN PLAN MAY BE REQUIRED.
- THE MAXIMUM EARTH COVER OVER THE TANK IS THREE FEET GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
- ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
- THE WELL (HO-20-0327) AND THE "OLD WELL" (NO TAG NUMBER) HAVE BEEN FIELD LOCATED AND ARE ACCURATELY SHOWN.
- ALL 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.

Approved Septic System Plan  
Howard County Health Department  
Signature: [Signature] Date: 12/3/2025

**OWNER**  
BRENDAN CUNNING & BEATRICE HOFFMANN  
12146 MOUNT ALBERT ROAD  
ELLCOTT CITY, MARYLAND 21042

**DEVELOPER**  
JIM BRUMSTED  
ALLAN HOMES UNLIMITED  
10260 OLD COLUMBIA ROAD  
COLUMBIA, MARYLAND 21046  
410.381.1414

**SEPTIC DESIGN PLAN**  
**12146 MOUNT ALBERT ROAD**  
**WOODMARK**  
PART "B", SECTION N° ONE  
LOT 45

TAX MAP 22 GRID 12  
3RD ELECTION DISTRICT

PARCEL 168  
HOWARD COUNTY, MARYLAND

REF. NO.: L-39345, P.B.341  
DRAWN BY: JUT  
CHECKED BY: MDA  
SCALE: 1"=30'  
DATE: NOVEMBER 25, 2025  
PROJECT #: 25.044  
SHEET #: 1 of 1

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