

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
Facebook: www.facebook.com/hocohealth

RECEIPT DATE: 7/10/24 ONSITE SEWAGE DISPOSAL SYSTEM P 586743

APPROVAL DATE: 9/3/2024 (NB) PERMIT: Tank Replacement A

PROPERTY ADDRESS: 6707 Hitching Post Court

SUBDIVISION: Clarksville Ridge Section 2 LOT: 21 TAX ID:

CONTRACTOR: ~~Do It Plumbing~~ MRG Plumbing EMAIL:

CONTRACTOR ADDRESS: 11350 Frederick Road, Ellicott City, MD 21042 PHONE: 443.473.0692

PROPERTY OWNER: Noah and Elizabeth Green EMAIL:

OWNER ADDRESS: 6707 Hitching Post Court, Clarksville, MD 21029 PHONE:

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

PUMP MODEL: PUMP SIZE PUMP TANK CAPACITY:

DISTRIBUTION SYSTEM: [X] GRAVITY [] PRESSURE DOSED BEDROOMS: APPLICATION RATE:

Table with 2 columns: Field Name (TRENCHES, LOCATION, NOTES) and Field Value (Linear feet required, Inlet depth, Trench width, Maximum bottom depth, Minimum space between trenches, Effective area beginning depth, Location, Notes text)

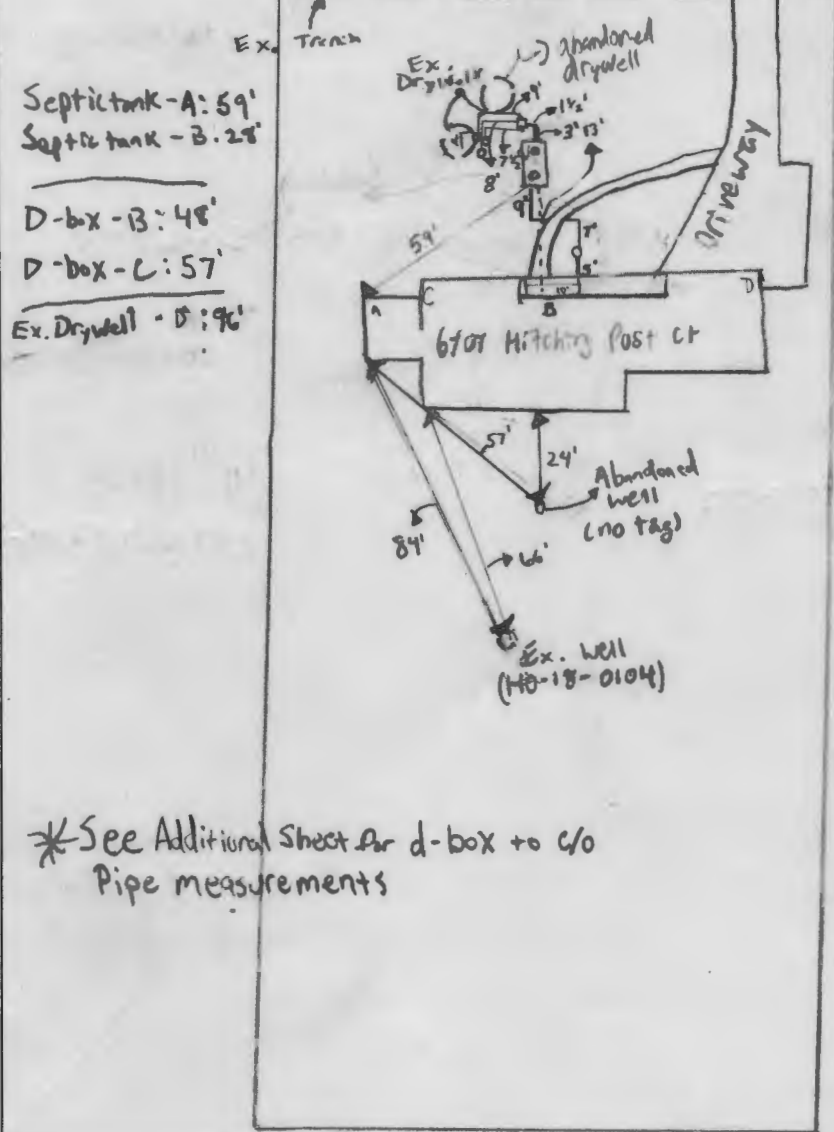
ISSUED BY: J. Williams, Sr ISSUE DATE: 7.10.24 EXPIRATION DATE: 7.10.25

- 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
[X] 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.

1:50 ← 6707 Hitching Post Court

NOT TO SCALE



Septic tank - A: 59'
 Septic tank - B: 25'
 D-box - B: 48'
 D-box - C: 57'
 Ex. Drywell - D: 96'

*See Additional Sheet for d-box to c/o Pipe measurements

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	1/2' - 2' _____
BAFFLES	6" front, 4" back _____
BAFFLE FILTER	_____
MANHOLE LOC	Front/Rear _____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	Yes _____
DATE ON LID	7-26-2024 _____
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	_____

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Matt Gilbert
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD. YES NO

PRE-CONSTRUCTION NOTES:
7/24/2024 Installer on site. Ex 12x6 horizontal Drywells located, no source/12x6
seen inside DW., no flies in/near DW. DW not full. Recommended to fill DW w/ stone & vertical perf pipe.
Additional well seen @ back of house, will not included in plan. (SPL/INT)

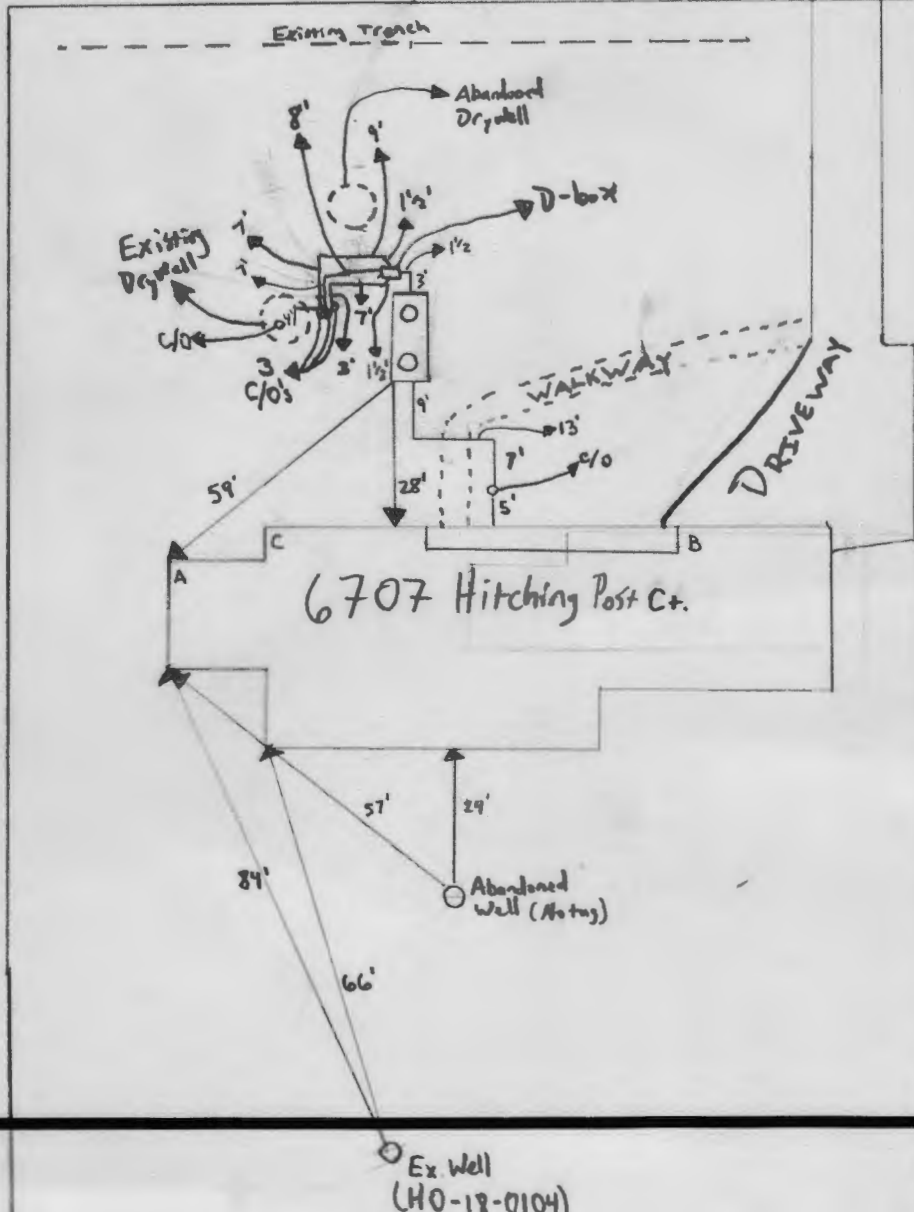
CONTROL PANEL DATA	
CONTROL PANEL HEIGHT	_____ (MIN 30")
INSPECTION DATE	_____
INSPECTION: PASS/FAIL (CIRCLE ONE)	_____

INSTALLATION NOTES:
9/29/2024 - Installer on site Tank abandoned & filled w/ stone. 12x6 well onsite later in day
to see new pipe coming out of well & trench. (SPL/INT)
9/30/2024 Installer on site. Septic tank placed with on site. Tank leveled and ok per plan. Installers are tying in
the septic tank to the house and then backfilling for the weekend. They will be tying in to the d-box
and filling the dry wells with stone on Tuesday. (SPL) 9/3/2024 Contractors on site. Dry well has been dug up
and was being filled with stone. Contractors placed vertical perforated pipe and horizontal perforated pipe in dry well. Horizontal
Pipe will be connected to d-box. Horizontal pipe was bedded, covered with stone, and geotextile fabric was placed on top of pipe (SPL/INT)

FINAL INSPECTOR Matthew Kump DATE OF APPROVAL 9/3/2024

9/6/2024 Installer on site. Pipe from septic tank to d-box complete. D-box leveled. A cluster of three cleanouts are located where

Hitching Post Rd.



D-box Measurements

D-box-B: 48'
D-box-C: 57'

~~REVISION~~
1" = 30'

6707 Hitching Post Ct.

NOT TO SCALE

TRENCH DATA

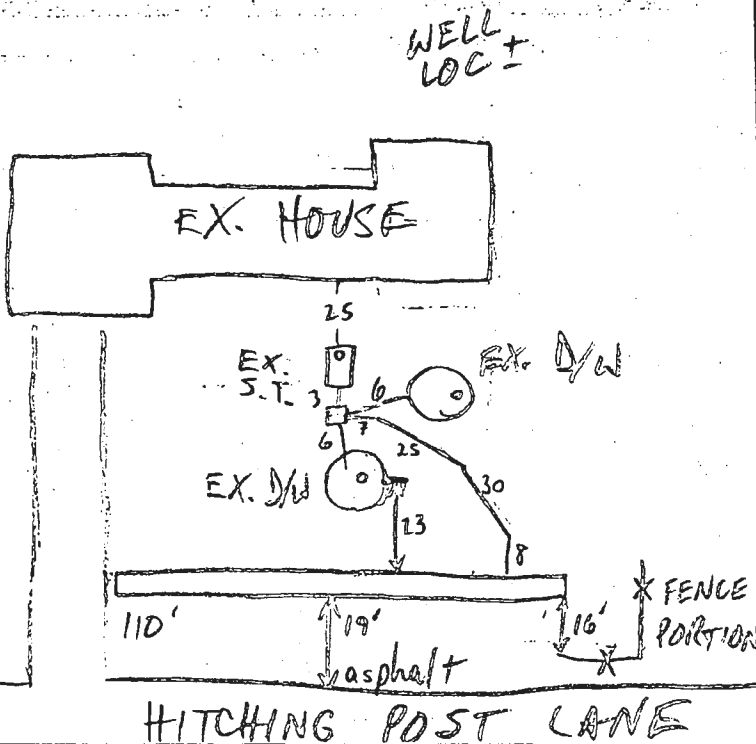
TRENCH WIDTH 2
 TRENCH INLET DEPTH 6-7 1/2
 TRENCH BOTTOM DEPTH 9 1/2-11
 DEPTH OF STONE 3 1/2
 NUMBER OF TRENCHES 1
 TOTAL TRENCH LENGTH 110
 ABSORBENT AREA 385
 DISTRIBUTION BOX LEVEL _____
 BAFFLE IN DISTRIBUTION BOX _____

SEPTIC TANK DATA

SEPTIC TANK _____ GALLONS
 MANHOLE RISER _____
 6 INCH INSPECTION PORT _____

PUMP CHAMBER DATA

PUMP CHAMBER GALLONS _____
 MANHOLE RISER _____
 ALARM _____
 PUMP PERFORMANCE TEST _____



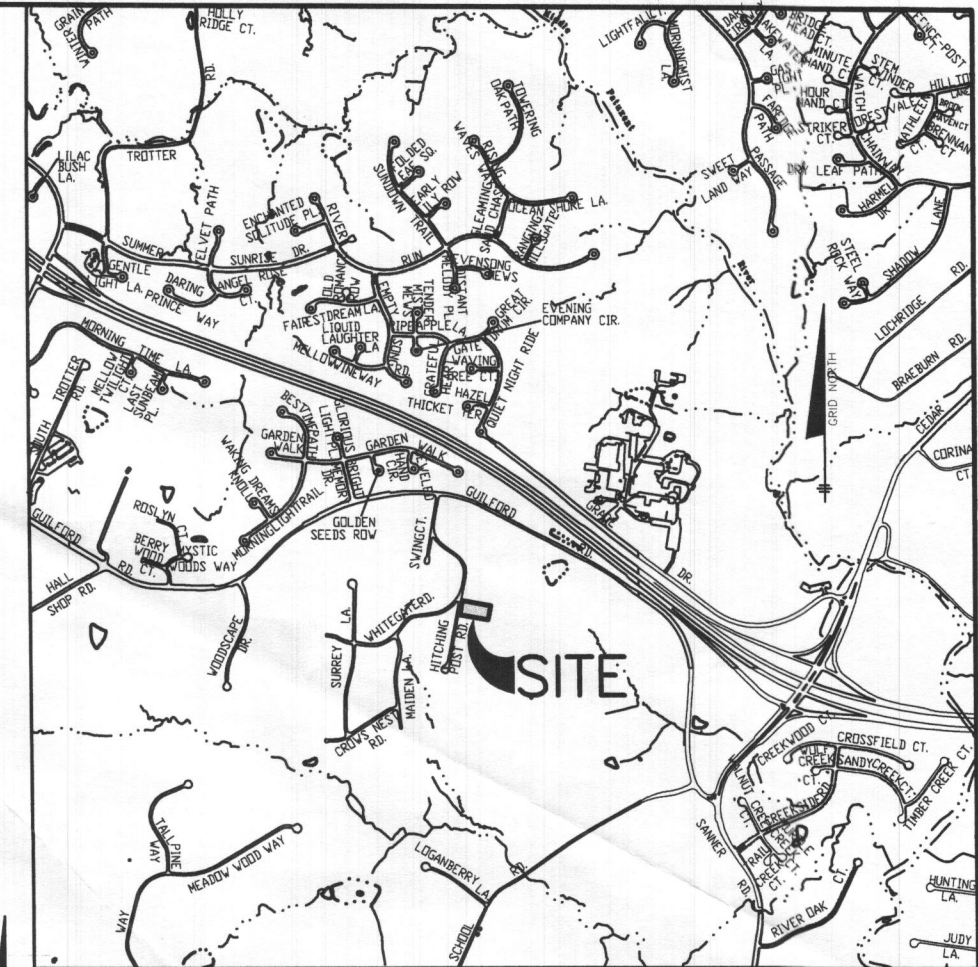
PRE-CONSTRUCTION INSPECTION: 12/15/00 ^{a.m.} OK TO START (MR)

INSPECTION COMMENTS: 12/15/00 EX. S.T. 8' BELOW GRADE; DRYWELLS 9' DEEP, 8-9' BELOW GRADE (TOTAL 17-18' TO BOTT OF DW); DW SLIGHTLY OFF GRADE, TRENCH BOTTOM & GRAVEL LEVEL; OK TO COVER

INSPECTOR M. RAKIN DATE SYSTEM APPROVED 12/15/00

GENERAL NOTES

1. THE PROPERTY SHOWN HEREON IS CLARKSVILLE RIDGE, LOT 21, AS SHOWN ON PLAT BOOK 10, FOLIO 001.
2. THE EXISTING WELL SHOWN ON THIS PLAN (HO-18-0104) HAS BEEN SHOWN AS A APPROXIMATE LOCATION AS THIS SITE PLAN IS FOR A REBUILDING OF THE EXISTING HOUSE DUE TO FIRE DAMAGE.
3. THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF THIS PROJECT'S BOUNDARY EXCEPT AS NOTED.
4. THE TOPOGRAPHY OF THIS PLAT IS TAKEN FROM HOWARD COUNTY GIS (HTTPS://DATA.HOWARDCOUNTYMD.GOV) CONTOURS-2018.
5. ANY DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH AN APPROVED BUILDING PERMIT AND/OR CUSTOM GRADING PLANS.
6. ANY CHANGES TO A PRIVATE SEWAGE DISPOSAL AREA OR WELL AREA SHALL REQUIRE FIELD WORK AND A PERCOLATION CERTIFICATION PLAN. IT SHOULD BE NOTED THAT THE FRONT YARD HAS LIMITED ADDITIOANL CAPACITY FOR SEWAGE DISPOSAL, ANY FUTURE REPAIRS MAY NEED TO UTILIZE THE REAR YARD. THIS MAY REQUIRE A NEW WELL AND VARIANCES TO SETBACKS.
7. 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.
8. ANY ELECTRICAL WORK FOR THE INSTALLATION MUST BE PERFORMED BY A LICENSED ELECTRICIAN.
9. THE SEPTIC TANK WILL BE A 2,000 GALLON TWO COMPARTMENT TANK.
10. THE MAXIMUM EARTH COVER OVER A TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
11. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS/OR SEPTIC SYSTEM HAVE BEEN SHOWN.
12. ANY FUTURE WELLS SHALL BE 10' FROM DRIVEWAY.
13. THERE DO NOT APPEAR TO BE ANY TREES THAT ARE 30 INCHES OR GREATER DBH WITHIN 50 FEET OF THE SEWAGE DISPOSAL AREA.
14. PLAN COORDINATES ARE 1983 NAD MD STATE PLANE. VERTICAL DATUM 1988 NAVD.
15. NO SEWAGE DISPOSAL AREA HAS BEEN DEFINED FOR THIS LOT. ANY FUTURE REPAIRS WILL REQUIRE A DEFINED SEWAGE DISPOSAL AREA .



ADC MAP 32 GRID B5
VICINITY MAP
SCALE: 1" = 2000'

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature
2/7/24
Date

Drywells must be checked during install. If full they must be disconnected, pumped, and filled with dirt. If they are not full and owner wishes to keep, HCHD recommends filling them with stone + venthole perf. pipe

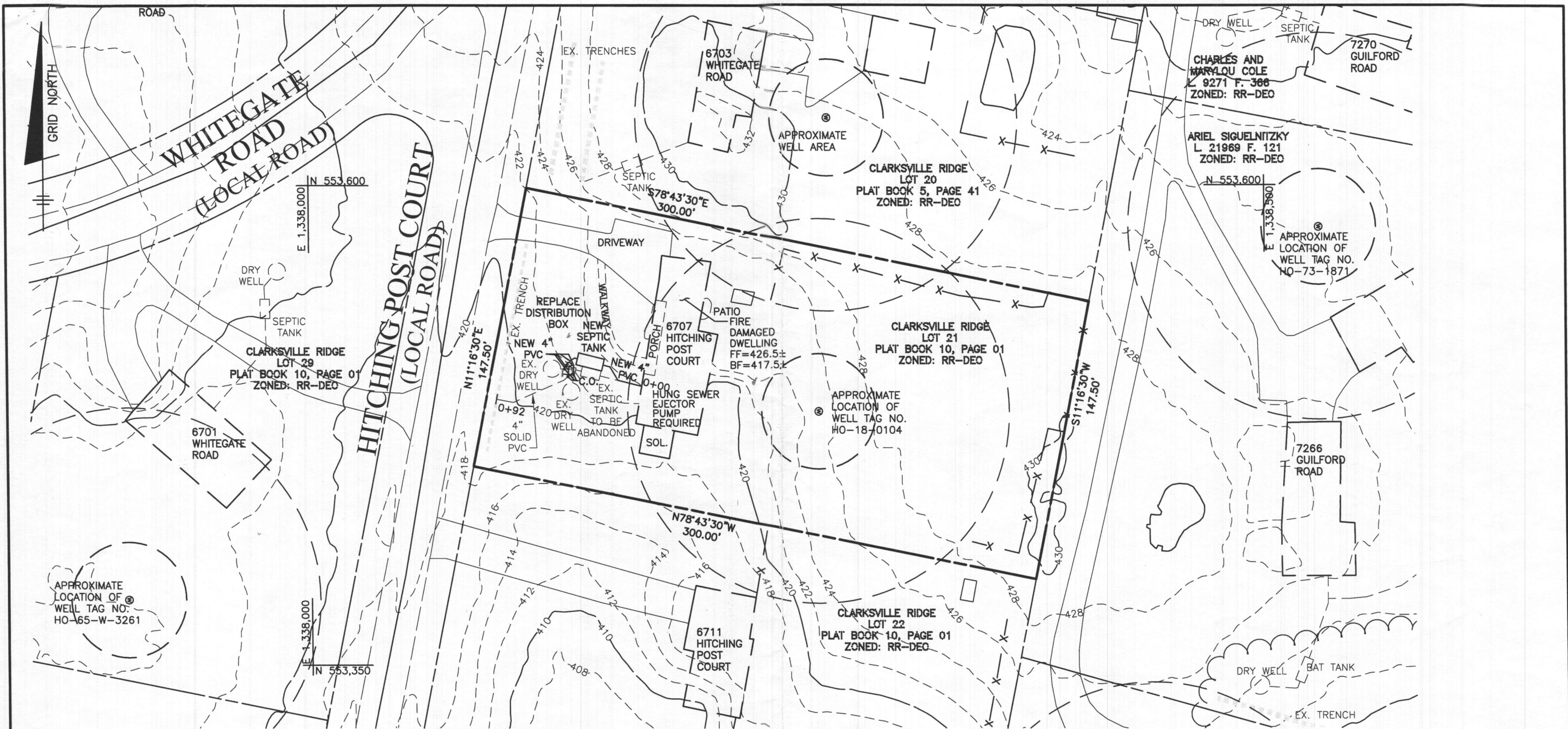
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 45577, Expiration Date: 06/08/2024



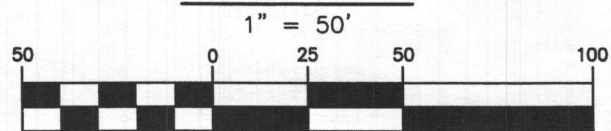
OWNER:
NOAH AND ELIZABETH GREEN
6707 HITCHING POST COURT
CLARKSVILLE, MARYLAND 21029
410-718-8357

BENCHMARK
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS
ENGINEERING, INC.
3300 NORTH RIDGE ROAD ▲ SUITE 140
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 ▲ (F) 410-465-6644
WWW.BEI-CMLENGINEERING.COM

PROJECT: 6707 HITCHING POST COURT REBUILD	
LOCATION: TAX MAP: 35, GRID: 21, PARCEL: 182 6707 HITCHING POST COURT, TAX ID: 05-369657 ELECTION DISTRICT NO. 5, HOWARD COUNTY, MARYLAND	
TITLE: ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE: HOUSE REBUILD	
DATE: JANUARY, 2024	PROJECT NO. 3190
SCALE: AS SHOWN	DRAWING 1 OF 3



PLAN VIEW



(IN FEET)
1 inch = 50 ft.



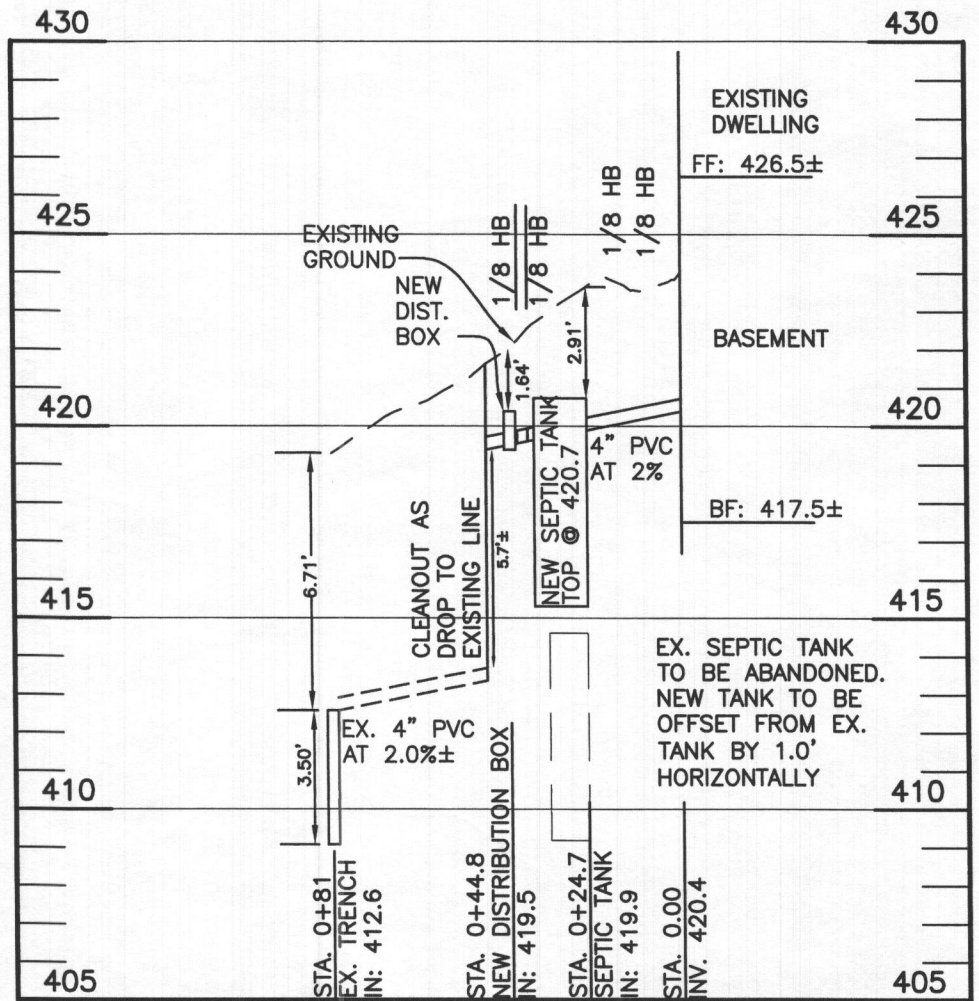
Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 45577, Expiration Date: 06/08/2024

John M. Carney
1/12/24

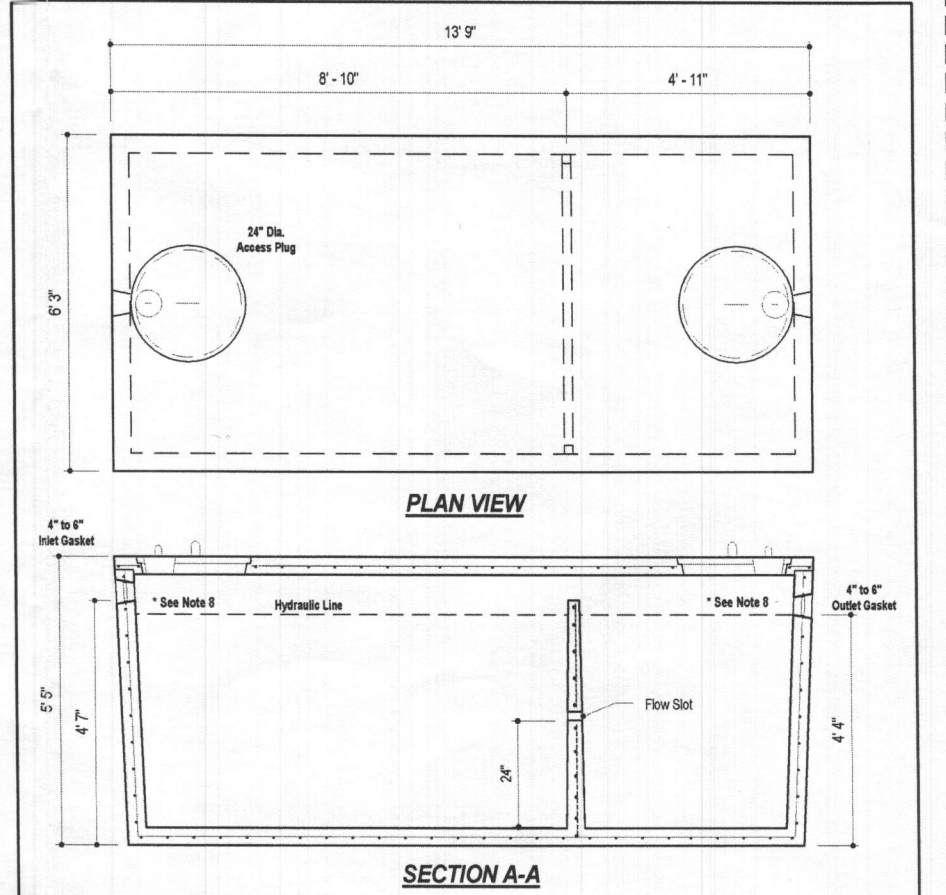
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TITLE: ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE: HOUSE REBUILD	
DATE: JANUARY, 2024	PROJECT NO.: 3190
SCALE: AS SHOWN	DRAWING 2 OF 3



PROPOSED SEPTIC SCALE:
 1" = 50' HORIZONTAL
 1" = 5' VERTICAL



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 260-98 & C 494-92.
- [4] Reinforcing per ASTM A196. 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.

 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

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: 06/08/2024

1/19/24

OWNER: NOAH AND ELIZABETH GREEN 6707 HITCHING POST COURT CLARKSVILLE, MARYLAND 21029 410-718-8357	BENCHMARK ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS ENGINEERING, INC. 3300 NORHT RIDGE ROAD ▲ SUITE 140 ELLICOTT CITY, MARYLAND 21043 (P) 410-465-6105 ▲ (F) 410-465-6644 WWW.BE-CIVILENGINEERING.COM
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TITLE: ONSITE SEWAGE DISPOSAL SYSTEM PLAN	
HOUSE TYPE: HOUSE REBUILD	
DATE: JANUARY, 2024	PROJECT NO. 3190 3090
SCALE: AS SHOWN	DRAWING 3 OF 3