



**Howard County  
Health Department**

**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: 10/31/25 **ONSITE SEWAGE DISPOSAL SYSTEM** P 590256

APPROVAL DATE: 1/16/2026 **PERMIT: NEW** **CONSTRUCTION** A \_\_\_\_\_

PROPERTY ADDRESS: 1727 Brickell Way

SUBDIVISION: Brickell Property LOT: 4 TAX ID: \_\_\_\_\_

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@comcast.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: NVR, Inc. EMAIL: \_\_\_\_\_

OWNER ADDRESS: 7080 Samuel Morse Drive, Columbia, MD 21046 PHONE: 301-432-6611

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

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

TRENCHES:	LINEAR FEET REQUIRED: _____	INLET DEPTH: _____
	TRENCH WIDTH: _____	MAXIMUM BOTTOM DEPTH: _____
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: _____
LOCATION:	<b>SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	<b>Shared Septic System</b>	

ISSUED BY: [Signature] ISSUE DATE: 1/9/2026 EXPIRATION DATE: 1/9/2027

- 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

**TRENCH/DRAINFIELD DATA**

WIDTH N/A INLET N/A BOTTOM N/A

NUMBER OF TRENCHES \_\_\_\_\_  
TOTAL LENGTH \_\_\_\_\_  
ABSORPTION AREA \_\_\_\_\_  
DISTRIBUTION BOX LEVEL \_\_\_\_\_  
DISTRIBUTION BOX BAFFLE \_\_\_\_\_  
DISTRIBUTION BOX PORT \_\_\_\_\_

**SEPTIC TANK DATA**

SEPTIC TANK 1 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 \_\_\_\_\_

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 \_\_\_\_\_

*\*See Separate sheet for As-Built\**  
ROAD NAME

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Drew Schissler  
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

1/15/26 Contractor called over the phone stating that the sewer hose connection

changed and is coming out in front of the house. The run is 180' and contractor stated he can only make 1% fall.  
Due to our concerns with potential pipe bellying and only 1% fall, we suggested to contractor that they bed the  
pipe with pea gravel, and/or increase the pipe diameter to 6" for more surface area. (KW/SP/RR/MB)

INSTALLATION NOTES:

1/15/26 Contractor has 106' of pipe installed. Bedding 4" pipe while on site. Confirmed 1% fall. (MB)

1/16/26 Contractor completed SHC line. Confirmed 1% fall. Per top half of line. (MB/RR)

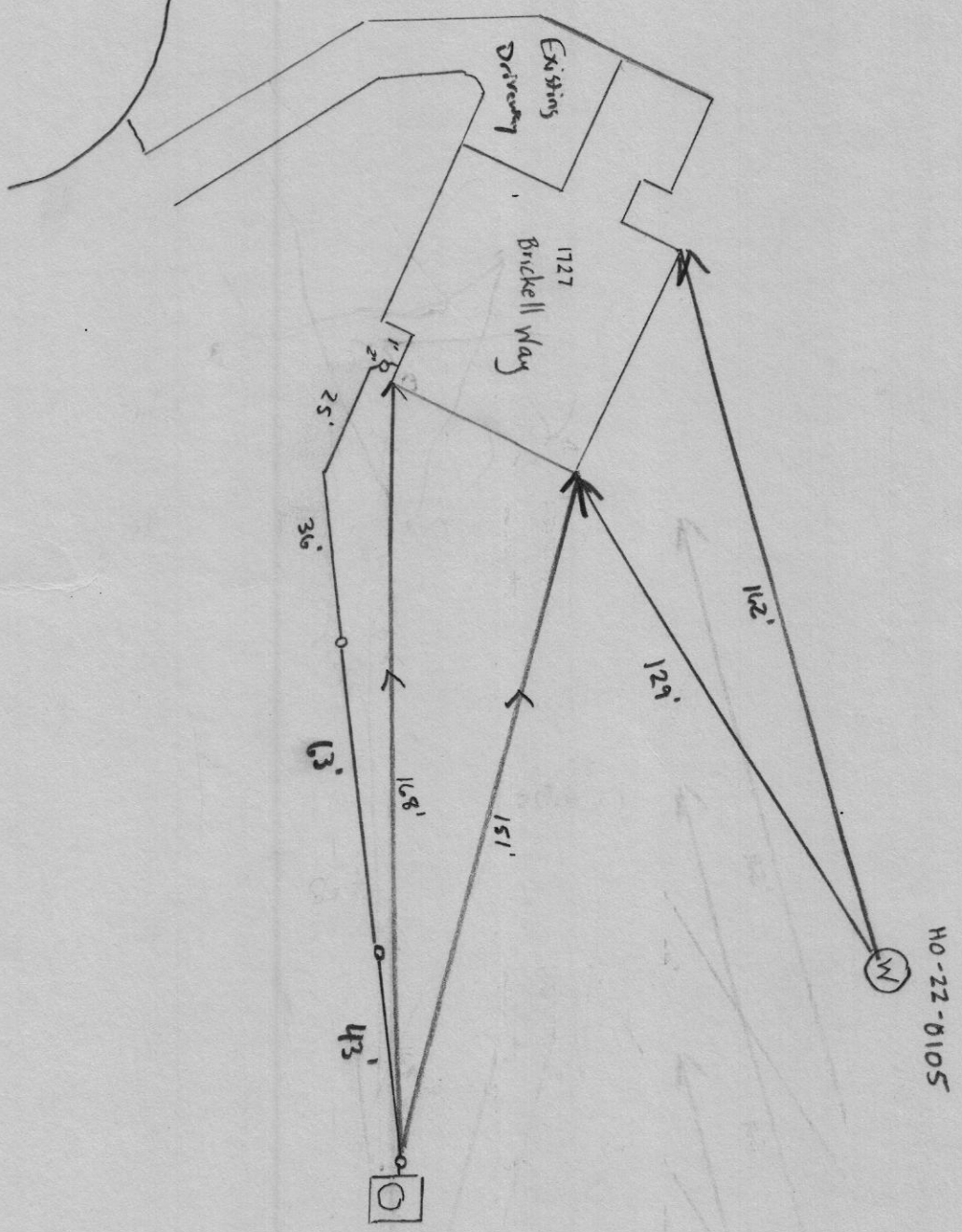
**CONTROL PANEL DATA**

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

FINAL INSPECTOR Matt Burns/Ryan Rappaport


DATE OF APPROVAL 1/16/2026

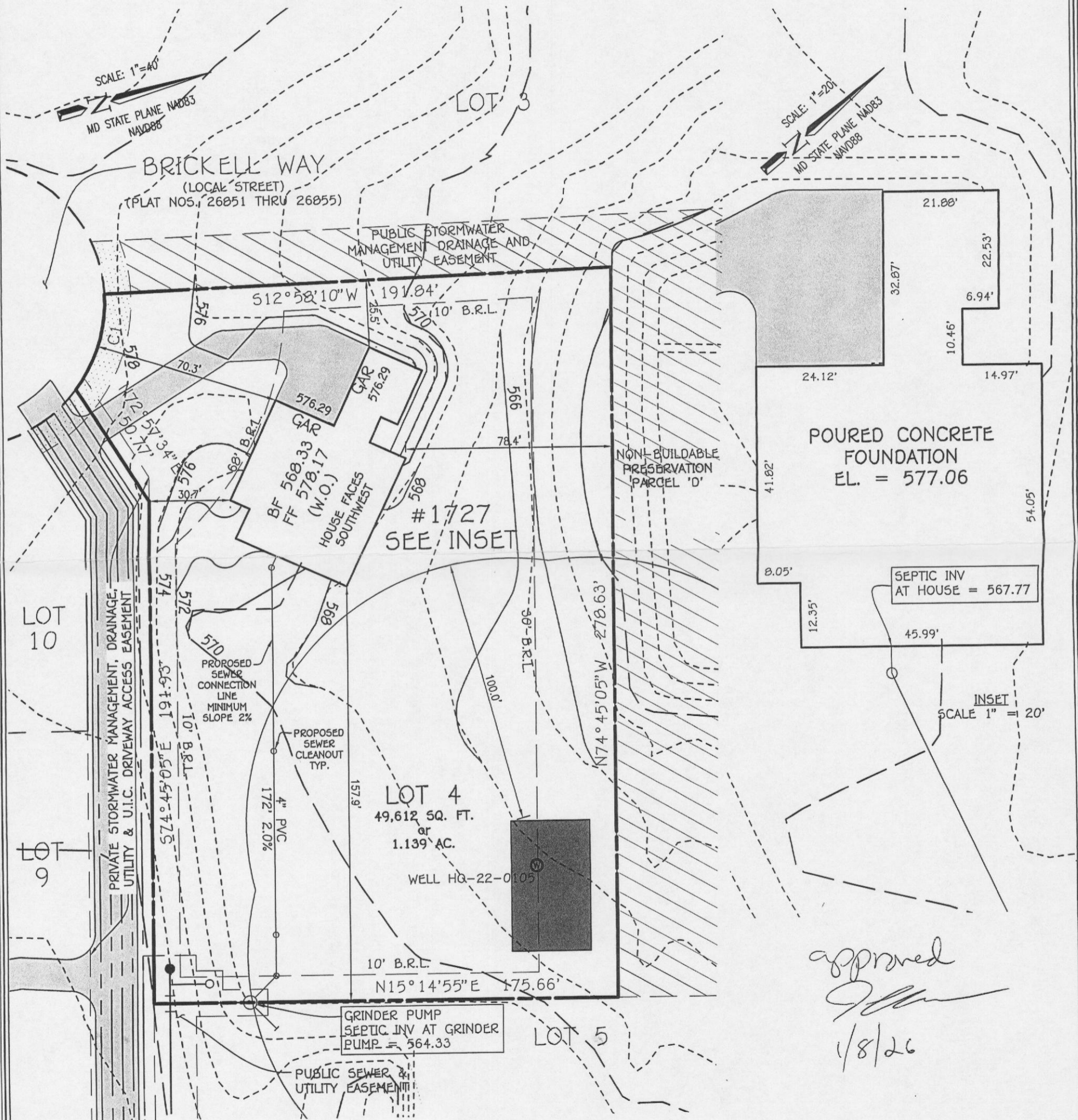
NOT TO SCALE 1" = 40'



2/3/2026

\*NOTE: House connection made in front of house.

See AS-Built drawing for most accurate drawing of sewer house connection. 



*approved*  
*[Signature]*  
1/8/26

CURVE TABLE

CURVE	RADIUS	ARC	DELTA	TANGENT	BEARING	CHORD
C4	1.37'	0.97'	040° 13' 07"	0.50'	557° 42' 34" E	0.95'

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461-2855

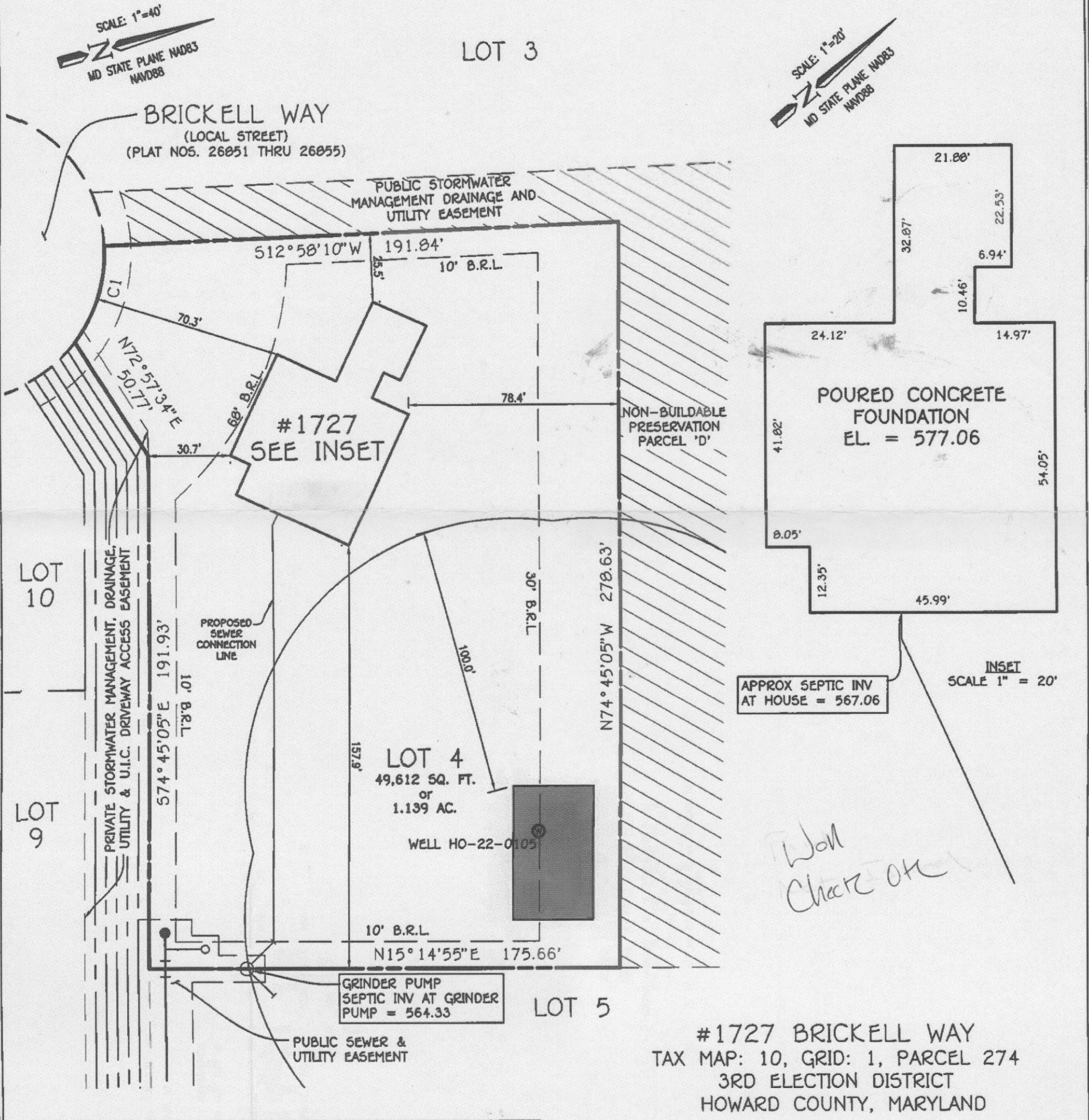
CONTRACTOR IS RESPONSIBLE FOR MEETING HOWARD COUNTY STANDARD DETAILS E-2.01 THROUGH E-2.06 AS APPROPRIATE.

**PLAN TO ACCOMPANY PLUMBING CONNECTION PERMIT/SEPTIC PERMIT**

#1727 BRICKELL WAY  
TAX MAP: 10, GRID: 1, PARCEL 274, LOT 4  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE = 1" = 40' 1/7/2026  
SHEET 1 OF 1

**GENERAL NOTES:**

- 1) THE PURPOSE OF THIS SURVEY IS TO REPRESENT THE POSITION OF THE POURED CONCRETE FOUNDATION AND OTHER VISIBLE IMPROVEMENTS AFFECTING THE SUBJECT PROPERTY BASED OFF OF A FIELD RUN SURVEY PERFORMED SEPTEMBER 11, 2025.
- 2) THIS SPECIAL PURPOSE SURVEY IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES.
- 3) DIMENSIONS TO THE BOUNDARY LINES SHOWN HEREON ARE PLUS OR MINUS ONE HALF FOOT (0.5').
- 4) THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE X, WHICH IS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND, MAP NUMBER 24027C0060D WITH AN EFFECTIVE DATE OF NOVEMBER 06, 2013.
- 5) B.R.L. = BUILDING RESTRICTION LINE
- 6) BUILDING PERMIT: B25002360
- 7) THE EXISTING WELL SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-22-0105) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN
- 8) NO TITLE REPORT WAS REVIEWED AND IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 9) SURVEYORS CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON WAS OBTAINED USING ACCEPTED LAND SURVEYING PRACTICES; AND THAT THE BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE DEEDS AND RECORDS; AND THAT THIS PLAT AND THE SURVEY ON WHICH IT IS BASED ON WERE PREPARED UNDER MY RESPONSIBLE CHARGE AND ARE IN COMPLIANCE WITH COMAR REGULATION 09.13.06.12; AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21476, EXPIRATION DATE JULY 14, 2027.



CURVE	RADIUS	ARC	DELTA	TANGENT	BEARING	CHORD
CI	55.00'	38.61'	040° 13' 07"	20.14'	S57° 42' 34" E	37.82'

**FISHER, COLLINS & CARTER, INC.**  
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 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21042  
 (410) 461 - 2955

STATE OF MARYLAND  
 FRANK JOHN MANALANSAN II  
 PROFESSIONAL LAND SURVEYOR  
 No. 21476  
 12/17/25  
 PROFESSIONAL LAND SURVEYOR DATE  
 REG. #21476 EXP. 07/14/2027

**SPECIAL PURPOSE SURVEY**

FOUNDATION LOCATION: 9/11/25  
 FINAL LOCATION: \_\_\_\_\_  
 BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1" = 40'  
 DATE: 12/17/2025  
 DRAWN BY: ZCB  
 CHECKED BY: FJMI  
 PROJECT No.: 17040-6002

*Well Chart OK*