

This pricing supplement, which is not complete and may be changed, relates to an effective Registration Statement under the Securities Act of 1933. This pricing supplement and the accompanying product supplement, prospectus supplement and prospectus are not an offer to sell these notes in any country or jurisdiction where such an offer would not be permitted.

Linked to the Least Performing of the iShares[®] Russell 2000 ETF, the Technology Select Sector SPDR[®] Fund and the VanEck[®] Gold Miners ETF

- Approximate 4 year term if not called prior to maturity.
- Payments on the Notes will depend on the individual performance of the iShares[®] Russell 2000 ETF, the Technology Select Sector SPDR[®] Fund and the VanEck[®] Gold Miners ETF (each an “Underlying”).
- Contingent coupon rate of 11.25% per annum (0.9375% per month) payable monthly if the Observation Value of **each** Underlying on the applicable Observation Date is greater than or equal to 55% of its Starting Value.
- Beginning on March 4, 2024, callable monthly at our option for an amount equal to the principal amount plus the relevant contingent coupon payment, if otherwise payable.
- Assuming the Notes are not called prior to maturity, if **any** Underlying declines by more than 45% from its Starting Value, at maturity your investment will be subject to 1:1 downside exposure to decreases in the value of the Least Performing Underlying, with up to 100% of the principal at risk; otherwise, at maturity you will receive the principal amount. At maturity you will also receive the final contingent coupon payment if the Observation Value of **each** Underlying on the final Observation Date is greater than or equal to 55% of its Starting Value.
- All payments on the Notes are subject to the credit risk of BofA Finance LLC (“BofA Finance”), as issuer of the Notes, and Bank of America Corporation (“BAC” or the “Guarantor”), as guarantor of the Notes.
- The Contingent Income Issuer Callable Yield Notes Linked to the Least Performing of the iShares[®] Russell 2000 ETF, the Technology Select Sector SPDR[®] Fund and the VanEck[®] Gold Miners ETF, due September 2, 2027 (the “Notes”) are expected to price on August 28, 2023 and expected to issue on August 31, 2023.
- The Notes will not be listed on any securities exchange.
- CUSIP No. 09711AGX0.

The initial estimated value of the Notes as of the pricing date is expected to be between \$900.00 and \$970.00 per \$1,000 in principal amount of Notes, which is less than the public offering price listed below. The actual value of your Notes at any time will reflect many factors and cannot be predicted with accuracy. See “Risk Factors” beginning on page PS-9 of this pricing supplement and “Structuring the Notes” on page PS-25 of this pricing supplement for additional information.

There are important differences between the Notes and a conventional debt security. Potential purchasers of the Notes should consider the information in “Risk Factors” beginning on page PS-9 of this pricing supplement, page PS-5 of the accompanying product supplement, page S-6 of the accompanying prospectus supplement, and page 7 of the accompanying prospectus.

None of the Securities and Exchange Commission (the “SEC”), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

	Public offering price(1)	Underwriting discount(1)(2)	Proceeds, before expenses, to BofA Finance(2)
Per Note	\$1,000.00	\$6.00	\$994.00
Total			

(1) Certain dealers who purchase the Notes for sale to certain fee-based advisory accounts may forgo some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the Notes in these fee-based advisory accounts may be as low as \$994.00 per \$1,000 in principal amount of Notes.

(2) The underwriting discount per \$1,000 in principal amount of Notes may be as high as \$6.00, resulting in proceeds, before expenses, to BofA Finance of as low as \$994.00 per \$1,000 in principal amount of Notes.

The Notes and the related guarantee:

Are Not FDIC Insured	Are Not Bank Guaranteed	May Lose Value
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BofA SECURITIES 
Selling Agent



Terms of the Notes

The Notes provide a monthly Contingent Coupon Payment of \$9.375 per \$1,000 in principal amount of Notes on the applicable Contingent Payment Date if, on the related monthly Observation Date, the Observation Value of **each** Underlying is greater than or equal to its Coupon Barrier.

Prior to the maturity date, beginning on March 4, 2024 and on each monthly Call Date thereafter, we have the right to call all, but not less than all, of the Notes at 100% of the principal amount, together with the relevant Contingent Coupon Payment, if otherwise payable. No further amounts will be payable following an Optional Early Redemption. If the Notes are not called prior to maturity and the Least Performing Underlying declines by more than 45% from its Starting Value, there is full exposure to declines in the Least Performing Underlying, and you will lose a significant portion or all of your investment in the Notes. Otherwise, at maturity you will receive the principal amount. At maturity you will also receive the final Contingent Coupon Payment if the Observation Value of **each** Underlying on the final Observation Date is greater than or equal to its Coupon Barrier. It is possible that the Notes will not pay any Contingent Coupon Payments, and you may lose a significant portion or all of your investment in the Notes at maturity. Any payments on the Notes will be calculated based on \$1,000 in principal amount of Notes and will depend on the performance of the Underlyings, subject to our and BAC's credit risk.

Issuer:	BofA Finance
Guarantor:	BAC
Denominations:	The Notes will be issued in minimum denominations of \$1,000 and whole multiples of \$1,000 in excess thereof.
Term:	Approximately 4 years, unless previously called.
Underlyings:	The iShares® Russell 2000 ETF (Bloomberg symbol: "IWM"), the Technology Select Sector SPDR® Fund (Bloomberg symbol: "XLK") and the VanEck® Gold Miners ETF (Bloomberg symbol: "GDX").
Pricing Date*:	August 28, 2023
Issue Date*:	August 31, 2023
Valuation Date*:	August 30, 2027, subject to postponement as described under "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" in the accompanying product supplement.
Maturity Date*:	September 2, 2027
Starting Value:	With respect to each Underlying, its Closing Market Price on the pricing date.
Observation Value:	With respect to each Underlying, its Closing Market Price on the applicable Observation Date multiplied by its Price Multiplier.
Ending Value:	With respect to each Underlying, its Observation Value on the Valuation Date.
Price Multiplier:	With respect to each Underlying, 1, subject to adjustment for certain events as described in "Description of the Notes — Anti-Dilution and Discontinuance Adjustments Relating to ETFs" beginning on page PS-28 of the accompanying product supplement.
Coupon Barrier:	With respect to each Underlying, 55% of its Starting Value.
Threshold Value:	With respect to each Underlying, 55% of its Starting Value.
Contingent Coupon Payment:	If, on any monthly Observation Date, the Observation Value of each Underlying is greater than or equal to its Coupon Barrier, we will pay a Contingent Coupon Payment of \$9.375 per \$1,000 in principal amount of Notes (equal to a rate of 0.9375% per month or 11.25% per annum) on the applicable Contingent Payment Date (including the Maturity Date).
Optional Early Redemption:	On any Call Date, we have the right to redeem all (but not less than all) of the Notes at the Early Redemption Amount. No further amounts will be payable following an Optional Early Redemption. We will give notice to the trustee at least five business days but not more than 60 calendar days before the applicable Call Date.
Early Redemption Amount:	For each \$1,000 in principal amount of Notes, \$1,000. The Early Redemption Amount will also include the applicable Contingent Coupon Payment if the Observation Value of each Underlying on the corresponding Observation Date is greater than or equal to its Coupon Barrier.





Redemption Amount:	<p>If the Notes have not been called prior to maturity, the Redemption Amount per \$1,000 in principal amount of Notes will be:</p> <p>a) If the Ending Value of the Least Performing Underlying is greater than or equal to its Threshold Value: $\\$1,000$; or</p> <p>b) If the Ending Value of the Least Performing Underlying is less than its Threshold Value: $\\$1,000 + (\\$1,000 \times \text{Underlying Return of the Least Performing Underlying})$</p> <p>In this case, the Redemption Amount will be less than 55% of the principal amount and you could lose up to 100% of your investment in the Notes.</p> <p>The Redemption Amount will also include the final Contingent Coupon Payment if the Ending Value of the Least Performing Underlying is greater than or equal to its Coupon Barrier.</p>
Observation Dates*:	As set forth beginning on page PS-4.
Contingent Payment Dates*:	As set forth beginning on page PS-4.
Call Dates*:	The monthly Contingent Payment Dates beginning on March 4, 2024 and ending on August 2, 2027.
Calculation Agent:	BofA Securities, Inc. (“BofAS”), an affiliate of BofA Finance.
Selling Agent:	BofAS
CUSIP:	09711AGX0
Underlying Return:	With respect to each Underlying, $\frac{(\text{Ending Value} - \text{Starting Value})}{\text{Starting Value}}$
Least Performing Underlying:	The Underlying with the lowest Underlying Return.
Events of Default and Acceleration:	If an Event of Default, as defined in the senior indenture relating to the Notes and in the section entitled “Description of Debt Securities of BofA Finance LLC—Events of Default and Rights of Acceleration; Covenant Breaches” on page 54 of the accompanying prospectus, with respect to the Notes occurs and is continuing, the amount payable to a holder of the Notes upon any acceleration permitted under the senior indenture will be equal to the amount described under the caption “Redemption Amount” above, calculated as though the date of acceleration were the Maturity Date of the Notes and as though the Valuation Date were the third trading day prior to the date of acceleration. We will also determine whether the final Contingent Coupon Payment is payable based upon the prices of the Underlyings on the deemed Valuation Date; any such final Contingent Coupon Payment will be prorated by the calculation agent to reflect the length of the final contingent payment period. In case of a default in the payment of the Notes, whether at their maturity or upon acceleration, the Notes will not bear a default interest rate.

*Subject to change.





Observation Dates and Contingent Payment Dates

Observation Dates*
September 28, 2023
October 30, 2023
November 28, 2023
December 28, 2023
January 29, 2024
February 28, 2024
March 28, 2024
April 29, 2024
May 28, 2024
June 28, 2024
July 29, 2024
August 28, 2024
September 30, 2024
October 28, 2024
November 29, 2024
December 30, 2024
January 28, 2025
February 28, 2025
March 28, 2025
April 28, 2025
May 28, 2025
June 30, 2025
July 28, 2025
August 28, 2025
September 29, 2025
October 28, 2025
November 28, 2025
December 29, 2025
January 28, 2026
March 2, 2026
March 30, 2026
April 28, 2026
May 28, 2026
June 29, 2026
July 28, 2026
August 28, 2026
September 28, 2026
October 28, 2026
November 30, 2026
December 28, 2026

Contingent Payment Dates
October 3, 2023
November 2, 2023
December 1, 2023
January 3, 2024
February 1, 2024
March 4, 2024
April 3, 2024
May 2, 2024
May 31, 2024
July 3, 2024
August 1, 2024
September 3, 2024
October 3, 2024
October 31, 2024
December 4, 2024
January 3, 2025
January 31, 2025
March 5, 2025
April 2, 2025
May 1, 2025
June 2, 2025
July 3, 2025
July 31, 2025
September 3, 2025
October 2, 2025
October 31, 2025
December 3, 2025
January 2, 2026
February 2, 2026
March 5, 2026
April 2, 2026
May 1, 2026
June 2, 2026
July 2, 2026
July 31, 2026
September 2, 2026
October 1, 2026
November 2, 2026
December 3, 2026
December 31, 2026





Observation Dates*	Contingent Payment Dates
January 28, 2027	February 2, 2027
March 1, 2027	March 4, 2027
March 29, 2027	April 1, 2027
April 28, 2027	May 3, 2027
May 28, 2027	June 3, 2027
June 28, 2027	July 1, 2027
July 28, 2027	August 2, 2027
August 30, 2027 (the "Valuation Date")	September 2, 2027 (the "Maturity Date")

* The Observation Dates are subject to postponement as set forth in "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" beginning on page PS-23 of the accompanying product supplement.

Any payments on the Notes depend on the credit risk of BofA Finance, as Issuer, and BAC, as Guarantor, and on the performance of the Underlyings. The economic terms of the Notes are based on BAC's internal funding rate, which is the rate it would pay to borrow funds through the issuance of market-linked notes, and the economic terms of certain related hedging arrangements BAC's affiliates enter into. BAC's internal funding rate is typically lower than the rate it would pay when it issues conventional fixed or floating rate debt securities. This difference in funding rate, as well as the underwriting discount, if any, and the hedging related charges described below (see "Risk Factors" beginning on page PS-9), will reduce the economic terms of the Notes to you and the initial estimated value of the Notes. Due to these factors, the public offering price you pay to purchase the Notes will be greater than the initial estimated value of the Notes as of the pricing date.

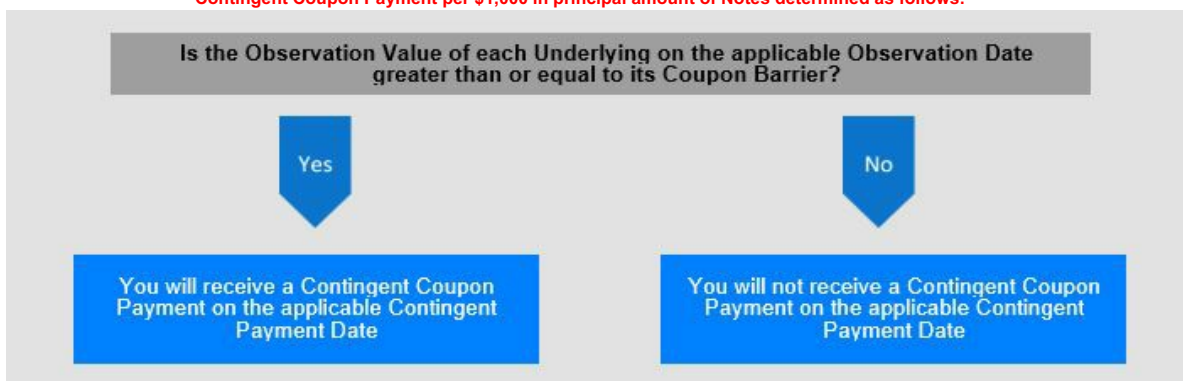
The initial estimated value range of the Notes is set forth on the cover page of this pricing supplement. The final pricing supplement will set forth the initial estimated value of the Notes as of the pricing date. For more information about the initial estimated value and the structuring of the Notes, see "Risk Factors" beginning on page PS-9 and "Structuring the Notes" on page PS-25.



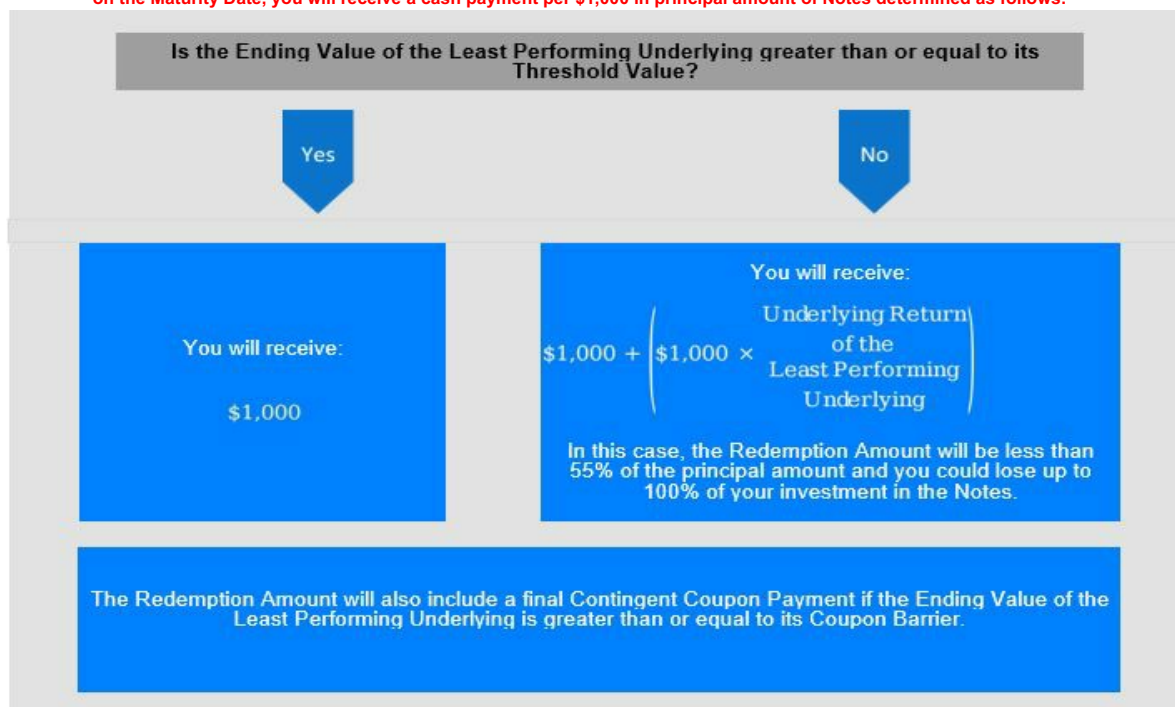


Contingent Coupon Payment and Redemption Amount Determination

On each Contingent Payment Date, you may receive a Contingent Coupon Payment per \$1,000 in principal amount of Notes determined as follows:



Assuming the Notes have not been called, on the Maturity Date, you will receive a cash payment per \$1,000 in principal amount of Notes determined as follows:



All payments described above are subject to the credit risk of BofA Finance, as issuer, and BAC, as guarantor.





Total Contingent Coupon Payment Examples

The table below illustrates the hypothetical total Contingent Coupon Payments per \$1,000 in principal amount of Notes over the term of the Notes, based on the Contingent Coupon Payment of \$9.375, depending on how many Contingent Coupon Payments are payable prior to an Optional Early Redemption or maturity. Depending on the performance of the Underlyings, you may not receive any Contingent Coupon Payments during the term of the Notes.

Number of Contingent Coupon Payments	Total Contingent Coupon Payments
0	\$0.00
4	\$37.50
8	\$75.00
12	\$112.50
16	\$150.00
20	\$187.50
24	\$225.00
28	\$262.50
32	\$300.00
36	\$337.50
40	\$375.00
44	\$412.50
48	\$450.00





Hypothetical Payout Profile and Examples of Payments at Maturity

Contingent Income Issuer Callable Yield Notes Table

The following table is for purposes of illustration only. It assumes the Notes have not been called prior to maturity and is based on **hypothetical** values and shows **hypothetical** returns on the Notes. The table illustrates the calculation of the Redemption Amount and the return on the Notes based on a hypothetical Starting Value of 100 for the Least Performing Underlying, a hypothetical Coupon Barrier of 55 for the Least Performing Underlying, a hypothetical Threshold Value of 55 for the Least Performing Underlying, the Contingent Coupon Payment of \$9.375 per \$1,000 in principal amount of Notes and a range of hypothetical Ending Values of the Least Performing Underlying. **The actual amount you receive and the resulting return will depend on the actual Starting Values, Coupon Barriers, Threshold Values, Observation Values and Ending Values of the Underlyings, whether the Notes are called prior to maturity, and whether you hold the Notes to maturity.** The following examples do not take into account any tax consequences from investing in the Notes.

For recent actual values of the Underlyings, see “The Underlyings” section below. The Ending Value of each Underlying will not include any income generated by dividends or other distributions paid with respect to shares or units of that Underlying or on the securities included in that Underlying, as applicable. In addition, all payments on the Notes are subject to Issuer and Guarantor credit risk.

Ending Value of the Least Performing Underlying	Underlying Return of the Least Performing Underlying	Redemption Amount per Note (including any final Contingent Coupon Payment)	Return on the Notes ⁽¹⁾
160.00	60.00%	\$1,009.375	0.9375%
150.00	50.00%	\$1,009.375	0.9375%
140.00	40.00%	\$1,009.375	0.9375%
130.00	30.00%	\$1,009.375	0.9375%
120.00	20.00%	\$1,009.375	0.9375%
110.00	10.00%	\$1,009.375	0.9375%
105.00	5.00%	\$1,009.375	0.9375%
102.00	2.00%	\$1,009.375	0.9375%
100.00 ⁽²⁾	0.00%	\$1,009.375	0.9375%
90.00	-10.00%	\$1,009.375	0.9375%
80.00	-20.00%	\$1,009.375	0.9375%
70.00	-30.00%	\$1,009.375	0.9375%
55.00 ⁽³⁾	-45.00%	\$1,009.375	0.9375%
54.99	-45.01%	\$549.900	-45.0100%
50.00	-50.00%	\$500.000	-50.0000%
0.00	-100.00%	\$0.000	-100.0000%

(1) The “Return on the Notes” is calculated based on the Redemption Amount and potential final Contingent Coupon Payment, not including any Contingent Coupon Payments paid prior to maturity.

(2) The hypothetical Starting Value of 100 used in the table above has been chosen for illustrative purposes only and does not represent a likely Starting Value of any Underlying.

(3) This is the hypothetical Coupon Barrier and Threshold Value of the Least Performing Underlying.





Risk Factors

Your investment in the Notes entails significant risks, many of which differ from those of a conventional debt security. Your decision to purchase the Notes should be made only after carefully considering the risks of an investment in the Notes, including those discussed below, with your advisors in light of your particular circumstances. The Notes are not an appropriate investment for you if you are not knowledgeable about significant elements of the Notes or financial matters in general. You should carefully review the more detailed explanation of risks relating to the Notes in the "Risk Factors" sections beginning on page PS-5 of the accompanying product supplement, page S-6 of the accompanying prospectus supplement and page 7 of the accompanying prospectus, each as identified on page PS-30 below.

Structure-related Risks

- **Your investment may result in a loss; there is no guaranteed return of principal.** There is no fixed principal repayment amount on the Notes at maturity. If the Notes are not called prior to maturity and the Ending Value of any Underlying is less than its Threshold Value, at maturity, your investment will be subject to 1:1 downside exposure to decreases in the value of the Least Performing Underlying and you will lose 1% of the principal amount for each 1% that the Ending Value of the Least Performing Underlying is less than its Starting Value. In that case, you will lose a significant portion or all of your investment in the Notes.
- **Your return on the Notes is limited to the return represented by the Contingent Coupon Payments, if any, over the term of the Notes.** Your return on the Notes is limited to the Contingent Coupon Payments paid over the term of the Notes, regardless of the extent to which the Observation Value or the Ending Value of any Underlying exceeds its Coupon Barrier or Starting Value, as applicable. Similarly, the amount payable at maturity or upon an Optional Early Redemption will never exceed the sum of the principal amount and the applicable Contingent Coupon Payment, regardless of the extent to which the Observation Value or the Ending Value of any Underlying exceeds its Starting Value. In contrast, a direct investment in an Underlying or in the securities included in one or more of the Underlyings would allow you to receive the benefit of any appreciation in their prices. Any return on the Notes will not reflect the return you would realize if you actually owned those securities and received the dividends paid or distributions made on them.
- **The Notes are subject to Optional Early Redemption, which would limit your ability to receive the Contingent Coupon Payments over the full term of the Notes.** On each Call Date, at our option, we may call your Notes in whole, but not in part. If the Notes are called prior to the Maturity Date, you will be entitled to receive the Early Redemption Amount. In this case, you will lose the opportunity to continue to receive Contingent Coupon Payments after the date of the Optional Early Redemption. If the Notes are called prior to the Maturity Date, you may be unable to invest in other securities with a similar level of risk that could provide a return that is similar to the Notes. Even if we do not exercise our option to call your Notes, our ability to do so may adversely affect the market value of your Notes. It is our sole option whether to call your Notes prior to maturity on any such Call Date and we may or may not exercise this option for any reason. Because of this Optional Early Redemption potential, the term of your Notes could be anywhere between six and forty-eight months.
- **You may not receive any Contingent Coupon Payments.** The Notes do not provide for any regular fixed coupon payments. Investors in the Notes will not necessarily receive any Contingent Coupon Payments on the Notes. If the Observation Value of any Underlying is less than its Coupon Barrier on an Observation Date, you will not receive the Contingent Coupon Payment applicable to that Observation Date. If the Observation Value of any Underlying is less than its Coupon Barrier on all the Observation Dates during the term of the Notes, you will not receive any Contingent Coupon Payments during the term of the Notes, and will not receive a positive return on the Notes.
- **Your return on the Notes may be less than the yield on a conventional debt security of comparable maturity.** Any return that you receive on the Notes may be less than the return you would earn if you purchased a conventional debt security with the same Maturity Date. As a result, your investment in the Notes may not reflect the full opportunity cost to you when you consider factors, such as inflation, that affect the time value of money. In addition, if interest rates increase during the term of the Notes, the Contingent Coupon Payment (if any) may be less than the yield on a conventional debt security of comparable maturity.
- **The Contingent Coupon Payment, Early Redemption Amount or Redemption Amount, as applicable, will not reflect changes in the prices of the Underlyings other than on the Observation Dates.** The prices of the Underlyings during the term of the Notes other than on the Observation Dates will not affect payments on the Notes. Notwithstanding the foregoing, investors should generally be aware of the performance of the Underlyings while holding the Notes, as the performance of the Underlyings may influence the market value of the Notes. The calculation agent will determine whether each Contingent Coupon Payment is payable and will calculate the Early Redemption Amount or the Redemption Amount, as applicable, by comparing only the Starting Value, the Coupon Barrier or the Threshold Value, as applicable, to the Observation Value or the Ending Value for each Underlying. No other prices of the Underlyings will be taken into account. As a result, if the Notes are not called prior to maturity and the Ending Value of the Least Performing Underlying is less than its Threshold Value, you will receive less than the principal amount at maturity even if the price of each Underlying was always above its Threshold Value prior to the Valuation Date.
- **Because the Notes are linked to the least performing (and not the average performance) of the Underlyings, you may not receive any return on the Notes and may lose a significant portion or all of your investment in the Notes even if the Observation Value or Ending Value of one Underlying is greater than or equal to its Coupon Barrier or Threshold Value, as applicable.** Your Notes are linked to the least performing of the Underlyings, and a change in the price of one Underlying may not correlate with changes in the price of the other Underlyings. The Notes are not linked to a basket composed of the Underlyings, where the depreciation in the price of one Underlying could be offset to some extent by the appreciation in the price of the other Underlyings. In the case of the Notes, the individual performance of each Underlying would not be combined, and the depreciation in the price of one Underlying would not be offset by any appreciation in the price of the other Underlyings. Even if the Observation Value of an Underlying is at or above its Coupon Barrier on an Observation Date, you will not receive the Contingent Coupon Payment with respect to that Observation Date if the Observation Value of another Underlying is below its Coupon Barrier on that day. In addition, even if the Ending Value of an Underlying is at or above its Threshold Value, you will lose a significant portion or all of your investment in the Notes if the Ending Value of the Least Performing Underlying is below its Threshold Value.





- **Any payments on the Notes are subject to our credit risk and the credit risk of the Guarantor, and any actual or perceived changes in our or the Guarantor's creditworthiness are expected to affect the value of the Notes.** The Notes are our senior unsecured debt securities. Any payment on the Notes will be fully and unconditionally guaranteed by the Guarantor. The Notes are not guaranteed by any entity other than the Guarantor. As a result, your receipt of the Early Redemption Amount or the Redemption Amount at maturity, as applicable, will be dependent upon our ability and the ability of the Guarantor to repay our respective obligations under the Notes on the applicable Contingent Payment Date or Call Date or the Maturity Date, regardless of the Ending Value of the Least Performing Underlying as compared to its Starting Value. No assurance can be given as to what our financial condition or the financial condition of the Guarantor will be at any time after the pricing date of the Notes. If we and the Guarantor become unable to meet our respective financial obligations as they become due, you may not receive the amount(s) payable under the terms of the Notes.

In addition, our credit ratings and the credit ratings of the Guarantor are assessments by ratings agencies of our respective abilities to pay our obligations. Consequently, our or the Guarantor's perceived creditworthiness and actual or anticipated decreases in our or the Guarantor's credit ratings or increases in the spread between the yield on our respective securities and the yield on U.S. Treasury securities (the "credit spread") prior to the Maturity Date may adversely affect the market value of the Notes. However, because your return on the Notes depends upon factors in addition to our ability and the ability of the Guarantor to pay our respective obligations, such as the prices of the Underlyings, an improvement in our or the Guarantor's credit ratings will not reduce the other investment risks related to the Notes.

- **We are a finance subsidiary and, as such, have no independent assets, operations, or revenues.** We are a finance subsidiary of the Guarantor, have no operations other than those related to the issuance, administration and repayment of our debt securities that are guaranteed by the Guarantor, and are dependent upon the Guarantor and/or its other subsidiaries to meet our obligations under the Notes in the ordinary course. Therefore, our ability to make payments on the Notes may be limited.

Valuation- and Market-related Risks

- **The public offering price you pay for the Notes will exceed their initial estimated value.** The range of initial estimated values of the Notes that is provided on the cover page of this preliminary pricing supplement, and the initial estimated value as of the pricing date that will be provided in the final pricing supplement, are each estimates only, determined as of a particular point in time by reference to our and our affiliates' pricing models. These pricing models consider certain assumptions and variables, including our credit spreads and those of the Guarantor, the Guarantor's internal funding rate, mid-market terms on hedging transactions, expectations on interest rates, dividends and volatility, price-sensitivity analysis, and the expected term of the Notes. These pricing models rely in part on certain forecasts about future events, which may prove to be incorrect. If you attempt to sell the Notes prior to maturity, their market value may be lower than the price you paid for them and lower than their initial estimated value. This is due to, among other things, changes in the prices of the Underlyings, changes in the Guarantor's internal funding rate, and the inclusion in the public offering price of the underwriting discount, if any, and the hedging related charges, all as further described in "Structuring the Notes" below. These factors, together with various credit, market and economic factors over the term of the Notes, are expected to reduce the price at which you may be able to sell the Notes in any secondary market and will affect the value of the Notes in complex and unpredictable ways.
- **The initial estimated value does not represent a minimum or maximum price at which we, BAC, BofAS or any of our other affiliates would be willing to purchase your Notes in any secondary market (if any exists) at any time.** The value of your Notes at any time after issuance will vary based on many factors that cannot be predicted with accuracy, including the performance of the Underlyings, our and BAC's creditworthiness and changes in market conditions.
- **We cannot assure you that a trading market for your Notes will ever develop or be maintained.** We will not list the Notes on any securities exchange. We cannot predict how the Notes will trade in any secondary market or whether that market will be liquid or illiquid.

Conflict-related Risks

- **Trading and hedging activities by us, the Guarantor and any of our other affiliates, including BofAS, may create conflicts of interest with you and may affect your return on the Notes and their market value.** We, the Guarantor or one or more of our other affiliates, including BofAS, may buy or sell shares or units of the Underlyings or the securities or assets held by or included in the Underlyings, or futures or options contracts or exchange traded instruments on the Underlyings or those securities or assets, or other instruments whose value is derived from the Underlyings or those securities. While we, the Guarantor or one or more of our other affiliates, including BofAS, may from time to time own shares or units of the Underlyings or the securities or assets included in the Underlyings, except to the extent that BAC's common stock may be included in the Underlyings, we, the Guarantor and our other affiliates, including BofAS, do not control any company included in the Underlyings, and have not verified any disclosure made by any other company. We, the Guarantor or one or more of our other affiliates, including BofAS, may execute such purchases or sales for our own or their own accounts, for business reasons, or in connection with hedging our obligations under the Notes. These transactions may present a conflict of interest between your interest in the Notes and the interests we, the Guarantor and our other affiliates, including BofAS, may have in our or their proprietary accounts, in facilitating transactions, including block trades, for our or their other customers, and in accounts under our or their management. These transactions may adversely affect the prices of the Underlyings in a manner that could be adverse to your investment in the Notes. On or before the pricing date, any purchases or sales by us, the Guarantor or our other affiliates, including BofAS or others on our or their behalf (including those for the purpose of hedging some or all of our anticipated exposure in connection with the Notes), may affect the prices of the Underlyings. Consequently, the prices of the Underlyings may change subsequent to the pricing date, which may adversely affect the market value of the Notes.

We, the Guarantor or one or more of our other affiliates, including BofAS, also expect to engage in hedging activities that could affect the prices of the Underlyings on the pricing date. In addition, these hedging activities, including the unwinding of a hedge, may decrease the market value of your Notes prior to maturity, and may affect the amounts to be paid on the Notes. We, the Guarantor or one or more of our other affiliates,





including BofAS, may purchase or otherwise acquire a long or short position in the Notes and may hold or resell the Notes. For example, BofAS may enter into these transactions in connection with any market making activities in which it engages. We cannot assure you that these activities will not adversely affect the prices of the Underlyings, the market value of your Notes prior to maturity or the amounts payable on the Notes.

- **There may be potential conflicts of interest involving the calculation agent, which is an affiliate of ours.** We have the right to appoint and remove the calculation agent. One of our affiliates will be the calculation agent for the Notes and, as such, will make a variety of determinations relating to the Notes, including the amounts that will be paid on the Notes. Under some circumstances, these duties could result in a conflict of interest between its status as our affiliate and its responsibilities as calculation agent.

Underlying-related Risks

- **The Notes are subject to risks associated with small-size capitalization companies.** The stocks comprising the Russell 2000[®] Index, which is the IWM's underlying index, are issued by companies with small-sized market capitalization. The stock prices of small-size companies may be more volatile than stock prices of large capitalization companies. Small-size capitalization companies may be less able to withstand adverse economic, market, trade and competitive conditions relative to larger companies. Small-size capitalization companies may also be more susceptible to adverse developments related to their products or services.
- **Adverse conditions in the technology sector may reduce your return on the Notes.** All of the stocks held by the XLK are issued by companies in the technology sector. Market or economic factors impacting technology companies and companies that rely heavily on technological advances could have a major effect on the value of the XLK's investments. The prices of stocks of technology companies and companies that rely heavily on technology are particularly vulnerable to rapid changes in technology product cycles, rapid product obsolescence, government regulation and competition, both domestically and internationally, including competition from foreign competitors with lower production costs. Stocks of technology companies and companies that rely heavily on technology, especially those of smaller, less-seasoned companies, tend to be more volatile than the overall market. Technology companies are heavily dependent on patent and intellectual property rights, the loss or impairment of which may adversely affect profitability. Additionally, companies in the technology sector may face dramatic and often unpredictable changes in growth rates and competition for the services of qualified personnel. Any of these factors may have an adverse effect on the return on the Notes. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **An investment in the Notes is subject to risks associated with investing in stocks in the gold and silver mining industries.** All or substantially all of the equity securities held by the GDX are issued by companies whose primary line of business is directly associated with the gold and/or silver mining industries. As a result, the value of the Notes may be subject to greater volatility and be more adversely affected by a single economic, political or regulatory occurrence affecting these industries than a different investment linked to securities of a more broadly diversified group of issuers. Investments related to gold and silver are considered speculative and are affected by a variety of factors. Competitive pressures may have a significant effect on the financial condition of gold and silver mining companies. Also, gold and silver mining companies are highly dependent on the price of gold and silver bullion, respectively, and may be adversely affected by a variety of worldwide economic, financial and political factors. The price of gold has fluctuated in recent years and may continue to fluctuate substantially over short periods of time so the trading price of the shares of the GDX may be more volatile than other types of investments. Fluctuation in the prices of gold and silver may be due to a number of factors, including changes in inflation and changes in industrial and commercial demand for metals. Additionally, increased environmental or labor costs may depress the value of metal investments. In times of significant inflation or great economic uncertainty, gold, silver and other precious metals may outperform traditional investments such as bonds and stocks. However, in times of stable economic growth, traditional equity and debt investments could offer greater appreciation potential and the value of gold, silver and other precious metals may be adversely affected, which could in turn affect the GDX's returns. If a natural disaster or other event with a significant economic impact occurs in a region where the companies in which the GDX invests operate, that disaster or event could negatively affect the profitability of these companies and, in turn, the GDX's investment in them. These factors could affect the gold and silver mining industries and could affect the value of the equity securities held by the GDX and the price of the GDX during the term of the Notes, which may adversely affect the value of your Notes.

In addition, the GDX is classified as "non-diversified" under the Investment Company Act of 1940, as amended. A non-diversified fund generally may invest a larger percentage of its assets in the securities of a smaller number of issuers. As a result, the GDX may be more susceptible to the risks associated with these particular companies, or to a single economic, political or regulatory occurrence affecting these companies.

- **An investment in the Notes is subject to risks associated with foreign securities markets, including emerging markets.** Some of the securities held by the GDX are issued by foreign companies and you should be aware that investments in securities linked to the value of foreign equity securities involve particular risks. Foreign securities markets may have less liquidity and may be more volatile than the U.S. securities markets, and market developments may affect foreign markets differently than U.S. securities markets. Direct or indirect government intervention to stabilize a foreign securities market, as well as cross-shareholdings in foreign companies, may affect trading prices and volumes in those markets. Also, there is generally less publicly available information about non-U.S. companies that are not subject to the reporting requirements of the SEC, and non-U.S. companies are subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

The prices and performance of securities of non-U.S. companies are subject to political, economic, financial, military and social factors which could negatively affect foreign securities markets, including the possibility of recent or future changes in a foreign government's economic, monetary and fiscal policies, the possible imposition of, or changes in, currency exchange laws or other laws or restrictions applicable to foreign companies or investments in foreign equity securities, the possibility of imposition of withholding taxes on dividend income, the possibility of fluctuations in the rate of exchange between currencies, the possibility of outbreaks of hostility or political instability and the possibility of natural disaster or adverse public health developments. Moreover, the relevant non-U.S. economies may differ favorably or unfavorably from the U.S. economy in important respects, such as growth of gross national product, rate of inflation, trade surpluses or deficits, capital reinvestment, resources and self-sufficiency.





In addition, the GDX may include companies in countries with emerging markets. Countries with emerging markets may have relatively unstable governments, may present the risks of nationalization of businesses, restrictions on foreign ownership and prohibitions on the repatriation of assets, and may have less protection of property rights than more developed countries. The economies of countries with emerging markets may be based on only a few industries, may be highly vulnerable to changes in local or global trade conditions (due to economic dependence upon commodity prices and international trade), and may suffer from extreme and volatile debt burdens, currency devaluations or inflation rates. Local securities markets may trade a small number of securities and may be unable to respond effectively to increases in trading volume, potentially making prompt liquidation of holdings difficult or impossible at times.

The securities included in the GDX may be listed on a foreign stock exchange. A foreign stock exchange may impose trading limitations intended to prevent extreme fluctuations in individual security prices and may suspend trading in certain circumstances. These actions could limit variations in the Closing Price of the GDX which could, in turn, adversely affect the value of the Notes.

- **The Notes are subject to foreign currency exchange rate risk.** The GDX holds securities traded outside of the United States. The Underlying's share price will fluctuate based upon its net asset value, which will in turn depend in part upon changes in the value of the currencies in which the securities held by the that Underlying are traded. Accordingly, investors in the Notes will be exposed to currency exchange rate risk with respect to each of the currencies in which the securities held by the GDX are traded. An investor's net exposure will depend on the extent to which these currencies strengthen or weaken against the U.S. dollar. If the dollar strengthens against these currencies, the net asset value of the applicable Underlying will be adversely affected and the price of the that Underlying may decrease.
- **The stocks held by the XLK and the GDX are concentrated in two sectors.** The Underlyings hold securities issued by companies in the technology sector and the gold miners sector, respectively. As a result, some of the stocks that will determine the performance of the Notes are concentrated in two sectors. Although an investment in the Notes will not give holders any ownership or other direct interests in the securities held by the Underlyings, the return on an investment in the Notes will be subject to certain risks associated with a direct equity investment in companies in these sectors. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **The performance of an Underlying may not correlate with the performance of its underlying index as well as the net asset value per share or unit of the Underlying, especially during periods of market volatility.** The performance of an Underlying and that of its underlying index generally will vary due to, for example, transaction costs, management fees, certain corporate actions, and timing variances. Moreover, it is also possible that the performance of an Underlying may not fully replicate or may, in certain circumstances, diverge significantly from the performance of its underlying index. This could be due to, for example, the Underlying not holding all or substantially all of the underlying assets included in its underlying index and/or holding assets that are not included in its underlying index, the temporary unavailability of certain securities in the secondary market, the performance of any derivative instruments held by the Underlying, differences in trading hours between the Underlying (or the underlying assets held by the Underlying) and its underlying index, or other circumstances. This variation in performance is called the "tracking error," and, at times, the tracking error may be significant. In addition, because the shares or units of each Underlying are traded on a securities exchange and are subject to market supply and investor demand, the market price of one share or unit of the Underlying may differ from its net asset value per share or unit; shares or units of the Underlying may trade at, above, or below its net asset value per share or unit. During periods of market volatility, securities held by an Underlying may be unavailable in the secondary market, market participants may be unable to calculate accurately the net asset value per share or unit of the Underlying and the liquidity of the Underlying may be adversely affected. Market volatility may also disrupt the ability of market participants to trade shares or units of the Underlying. Further, market volatility may adversely affect, sometimes materially, the prices at which market participants are willing to buy and sell shares or units of the Underlying. As a result, under these circumstances, the market value of shares or units of the Underlying may vary substantially from the net asset value per share or unit of the Underlying.
- **The anti-dilution adjustments will be limited.** The calculation agent may adjust the Price Multiplier of an Underlying and other terms of the Notes to reflect certain actions by an Underlying, as described in the section "Description of the Notes—Anti-Dilution and Discontinuance Adjustments Relating to ETFs" in the accompanying product supplement. The calculation agent will not be required to make an adjustment for every event that may affect an Underlying and will have broad discretion to determine whether and to what extent an adjustment is required.
- **The sponsor or investment advisor of an Underlying may adjust that Underlying in a way that affects its prices, and the sponsor or investment advisor has no obligation to consider your interests.** The sponsor or investment advisor of an Underlying can add, delete, or substitute the components included in that Underlying or make other methodological changes that could change its price. Any of these actions could adversely affect the value of your Notes.

Tax-related Risks

- **The U.S. federal income tax consequences of an investment in the Notes are uncertain, and may be adverse to a holder of the Notes.** No statutory, judicial, or administrative authority directly addresses the characterization of the Notes or securities similar to the Notes for U.S. federal income tax purposes. As a result, significant aspects of the U.S. federal income tax consequences of an investment in the Notes are not certain. Under the terms of the Notes, you will have agreed with us to treat the Notes as contingent income-bearing single financial contracts, as described below under "U.S. Federal Income Tax Summary—General." If the Internal Revenue Service (the "IRS") were successful in asserting an alternative characterization for the Notes, the timing and character of income, gain or loss with respect to the Notes may differ. No ruling will be requested from the IRS with respect to the Notes and no assurance can be given that the IRS will agree with the statements made in the section entitled "U.S. Federal Income Tax Summary." **You are urged to consult with your own tax advisor regarding all aspects of the U.S. federal income tax consequences of investing in the Notes.**





The Underlyings

All disclosures contained in this pricing supplement regarding the Underlyings, including, without limitation, their make-up, method of calculation, and changes in their components, have been derived from publicly available sources. The information reflects the policies of, and is subject to change by, the investment advisor of the IWM, the investment advisor of the XLK, and the investment advisor of the GDX (collectively, the "Investment Advisors"). The Investment Advisors, which license the copyright and all other rights to the respective Underlyings, have no obligation to continue to publish, and may discontinue publication of, the Underlyings. The consequences of any Investment Advisor discontinuing publication of the applicable Underlying are discussed in "Description of the Notes — Anti-Dilution and Discontinuance Adjustments Relating to ETFs — Discontinuance of or Material Change to an ETF" in the accompanying product supplement. None of us, the Guarantor, the calculation agent, or BofAS accepts any responsibility for the calculation, maintenance or publication of any Underlying or any successor underlying. None of us, the Guarantor, BofAS or any of our other affiliates makes any representation to you as to the future performance of the Underlyings. You should make your own investigation into the Underlyings.

The iShares® Russell 2000 ETF

The iShares® Russell 2000 ETF seeks investment results that correspond generally to the price and yield performance, before fees and expenses, of the Russell 2000® Index, its underlying index. These amounts, net of expenses and taxes (if applicable), are passed along to the IWM's shareholders as "ordinary income." In addition, the IWM realizes capital gains or losses whenever it sells securities. Net long-term capital gains are distributed to shareholders as "capital gain distributions." However, because the Notes are linked only to the share price of the IWM, you will not be entitled to receive income, dividend, or capital gain distributions from the IWM or any equivalent payments. The shares of the iShares® Russell 2000 ETF trade on the NYSE Arca under the symbol "IWM".

The shares of the IWM are registered under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Accordingly, information filed with the SEC relating to the IWM, including its periodic financial reports, may be found on the SEC website.

The Russell 2000® Index

The Russell 2000® Index (the "RTY") was developed by Russell Investments ("Russell") before FTSE International Limited and Russell combined in 2015 to create FTSE Russell, which is wholly owned by London Stock Exchange Group. Additional information on the RTY is available at the following website: <http://www.ftserussell.com>. No information on that website is deemed to be included or incorporated by reference in this pricing supplement.

Russell began dissemination of the RTY (Bloomberg L.P. index symbol "RTY") on January 1, 1984. FTSE Russell calculates and publishes the RTY. The RTY was set to 135 as of the close of business on December 31, 1986. The RTY is designed to track the performance of the small capitalization segment of the U.S. equity market. As a subset of the Russell 3000® Index, the RTY consists of the smallest 2,000 companies included in the Russell 3000® Index. The Russell 3000® Index measures the performance of the largest 3,000 U.S. companies, representing approximately 98% of the investable U.S. equity market. The RTY is determined, comprised, and calculated by FTSE Russell without regard to the Notes.

Selection of Stocks Comprising the RTY

Each company eligible for inclusion in the RTY must be classified as a U.S. company under FTSE Russell's country-assignment methodology. If a company is incorporated, has a stated headquarters location, and trades in the same country (American Depositary Receipts and American Depositary Shares are not eligible), then the company is assigned to its country of incorporation. If any of the three factors are not the same, FTSE Russell defines three Home Country Indicators ("HCIs"): country of incorporation, country of headquarters, and country of the most liquid exchange (as defined by a two-year average daily dollar trading volume) from all exchanges within a country. Using the HCIs, FTSE Russell compares the primary location of the company's assets with the three HCIs. If the primary location of its assets matches any of the HCIs, then the company is assigned to the primary location of its assets. If there is insufficient information to determine the country in which the company's assets are primarily located, FTSE Russell will use the country from which the company's revenues are primarily derived for the comparison with the three HCIs in a similar manner. FTSE Russell uses the average of two years of assets or revenues data to reduce potential turnover. If conclusive country details cannot be derived from assets or revenues data, FTSE Russell will assign the company to the country of its headquarters, which is defined as the address of the company's principal executive offices, unless that country is a Benefit Driven Incorporation ("BDI") country, in which case the company will be assigned to the country of its most liquid stock exchange. BDI countries include: Anguilla, Antigua and Barbuda, Bahamas, Barbados, Belize, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Channel Islands, Cook Islands, Curacao, Faroe Islands, Gibraltar, Guernsey, Isle of Man, Jersey, Liberia, Marshall Islands, Panama, Saba, Sint Eustatius, Sint Maarten, and Turks and Caicos Islands. For any companies incorporated or headquartered in a U.S. territory, including Puerto Rico, Guam, and U.S. Virgin Islands, a U.S. HCI is assigned.

All securities eligible for inclusion in the RTY must trade on a major U.S. exchange. Stocks must have a closing price at or above \$1.00 on their primary exchange on the last trading day in May to be eligible for inclusion during annual reconstitution. However, in order to reduce unnecessary turnover, if an existing member's closing price is less than \$1.00 on the last day of May, it will be considered eligible if the average of the daily closing prices (from its primary exchange) during the month of May is equal to or greater than \$1.00. Initial public offerings are added each quarter and must have a closing price at or above \$1.00 on the last day of their eligibility period in order to qualify for index inclusion. If an existing stock does not trade on the "rank day" (typically the last trading day in May but a confirmed timetable is announced each spring) but does have a closing price at or above \$1.00 on another eligible U.S. exchange, that stock will be eligible for inclusion.





An important criterion used to determine the list of securities eligible for the RTY is total market capitalization, which is defined as the market price as of the last trading day in May for those securities being considered at annual reconstitution times the total number of shares outstanding. Where applicable, common stock, non-restricted exchangeable shares and partnership units/membership interests are used to determine market capitalization. Any other form of shares such as preferred stock, convertible preferred stock, redeemable shares, participating preferred stock, warrants and rights, installment receipts or trust receipts, are excluded from the calculation. If multiple share classes of common stock exist, they are combined. In cases where the common stock share classes act independently of each other (e.g., tracking stocks), each class is considered for inclusion separately. If multiple share classes exist, the pricing vehicle will be designated as the share class with the highest two-year trading volume as of the rank day in May.

Companies with a total market capitalization of less than \$30 million are not eligible for the RTY. Similarly, companies with only 5% or less of their shares available in the marketplace are not eligible for the RTY. Royalty trusts, limited liability companies, closed-end investment companies (companies that are required to report Acquired Fund Fees and Expenses, as defined by the SEC, including business development companies), blank check companies, special purpose acquisition companies, and limited partnerships are also ineligible for inclusion. Bulletin board, pink sheets, and over-the-counter traded securities are not eligible for inclusion. Exchange traded funds and mutual funds are also excluded.

Annual reconstitution is a process by which the RTY is completely rebuilt. Based on closing levels of the company's common stock on its primary exchange on the rank day of May of each year, FTSE Russell reconstitutes the composition of the RTY using the then existing market capitalizations of eligible companies. Reconstitution of the RTY occurs on the last Friday in June or, when the last Friday in June is the 29th or 30th, reconstitution occurs on the prior Friday. In addition, FTSE Russell adds initial public offerings to the RTY on a quarterly basis based on total market capitalization ranking within the market-adjusted capitalization breaks established during the most recent reconstitution. After membership is determined, a security's shares are adjusted to include only those shares available to the public. This is often referred to as "free float." The purpose of the adjustment is to exclude from market calculations the capitalization that is not available for purchase and is not part of the investable opportunity set.

Historical Performance of the IWM

The following graph sets forth the daily historical performance of the IWM in the period from January 2, 2018 through August 9, 2023. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. The horizontal line in the graph represents the IWM's hypothetical Coupon Barrier and hypothetical Threshold Value of \$105.36 (rounded to two decimal places), which is 55% of the IWM's hypothetical Starting Value of \$191.57, which was its Closing Market Price on August 9, 2023. The actual Starting Value, Coupon Barrier and Threshold Value will be determined on the pricing date.



This historical data on the IWM is not necessarily indicative of the future performance of the IWM or what the value of the Notes may be. Any historical upward or downward trend in the Closing Market Price of the IWM during any period set forth above is not an indication that the Closing Market Price of the IWM is more or less likely to increase or decrease at any time over the term of the Notes.

Before investing in the Notes, you should consult publicly available sources for the Closing Market Prices and trading pattern of the IWM.





The Technology Select Sector SPDR[®] Fund

The shares of the XLK are issued by Select Sector SPDR[®] Trust, a registered investment company. The XLK seeks investment results that correspond generally to the price and yield performance, before fees and expenses, of the Technology Select Sector Index. The XLK measures the performance of the technology and telecom sector of the U.S. equity market. The XLK is composed of equity securities of companies from technology hardware, storage, and peripherals; software; diversified telecommunication services; communications equipment; semiconductors and semiconductor equipment; internet software and services; IT services; electronic equipment, instruments and components; and wireless telecommunication services. The Technology Select Sector SPDR[®] Fund trades on the NYSE Arca under the ticker symbol "XLK."

Investment Approach

The XLK utilizes a "passive" or "indexing" investment approach in attempting to track the performance of the Technology Select Sector Index. The XLK will invest in substantially all of the securities which comprise the Technology Select Sector Index. The XLK will normally invest at least 95% of its total assets in common stocks that comprise the Technology Select Sector Index.

Investment Objective and Strategy

The XLK seeks to provide investment results that correspond generally to the price and yield performance, before fees and expenses, of the Technology Select Sector Index. The investment manager of the XLK uses a replication strategy to try to achieve the XLK's investment objective, which means that the XLK generally invests in substantially all of the securities represented in the Technology Select Sector Index in approximately the same proportions as the Technology Select Sector Index. Under normal market conditions, the XLK generally invests at least 95% of its total assets in the securities comprising the Technology Select Sector Index. In certain situations or market conditions, the XLK may temporarily depart from its normal investment policies and strategies provided that the alternative is consistent with the XLK's investment objective and is in the best interest of the XLK. For example, if the XLK is unable to invest directly in a component security or if a derivative investment may provide higher liquidity than other types of investments, it may make larger than normal investments in derivatives to maintain exposure to the Technology Select Sector Index that it tracks. Consequently, under such circumstances, the XLK may invest in a different mix of investments than it would under normal circumstances. The XLK will provide shareholders with at least 60 days' notice prior to any material change in its investment policies. The XLK is managed with a passive investment strategy, attempting to track the performance of an unmanaged index of securities. This differs from an actively managed underlying, which typically seeks to outperform a benchmark index.

Notwithstanding the XLK's investment objective, the return on your Notes will not reflect any dividends paid on shares of the XLK, on the securities purchased by the XLK or on the securities that comprise the Technology Select Sector Index.

The Select Sector Indices

The underlying index of the XLK is part of the Select Sector Indices. The Select Sector Indices are sub-indices of the S&P 500[®] Index ("SPX"). Each stock in the SPX is allocated to at least one Select Sector Index, and the combined companies of the eleven Select Sector Indices represent all of the companies in the SPX. The industry indices are sub-categories within each Select Sector Index and represent a specific industry segment of the overall Select Sector Index. The eleven Select Sector Indices seek to represent the eleven SPX sectors. The index compilation agent for these indices (the "Index Compilation Agent") determines the composition of the Select Sector Indices based on S&P's sector classification methodology. (Sector designations are determined by the index sponsor using criteria it has selected or developed. Index sponsors may use very different standards for determining sector designations. In addition, many companies operate in a number of sectors, but are listed in only one sector and the basis on which that sector is selected may also differ. As a result, sector comparisons between indices with different index sponsors may reflect differences in methodology as well as actual differences in the sector composition of the indices.

Each Select Sector Index was developed and is maintained in accordance with the following criteria:

- Each of the component stocks in a Select Sector Index (the "Component Stocks") is a constituent company of the SPX.
- The eleven Select Sector Indices together will include all of the companies represented in the SPX and each of the stocks in the SPX will be allocated to at least one of the Select Sector Indices.
- The Index Compilation Agent assigns each constituent stock of the SPX to a Select Sector Index. The Index Compilation Agent assigns a company's stock to a particular Select Sector Index based on S&P Dow Jones Indices's sector classification methodology as set forth in its Global Industry Classification Standard.
- Each Select Sector Index is calculated by S&P Dow Jones Indices using a modified "market capitalization" methodology. This design ensures that each of the component stocks within a Select Sector Index is represented in a proportion consistent with its percentage with respect to the total market capitalization of that Select Sector Index.
- For reweighting purposes, each Select Sector Index is rebalanced quarterly after the close of business on the second to last calculation day of March, June, September and December using the following procedures: (1) The rebalancing reference date is two business days prior to the last calculation day of each quarter; and (2) With prices reflected on the rebalancing reference date, and membership, shares outstanding, additional weight factor (capping factor) and investable weight factors (as described in the section "Computation of the S&P 500 Index[®]" below) as of the





rebalancing effective date, each company is weighted using the modified market capitalization methodology. Modifications are made as defined below.

- (i) The indices are first evaluated to ensure none of the indices breach the maximum allowable limits defined in rules (ii) and (v) below. If any of the allowable limits are breached, the component stocks are reweighted based on their float-adjusted market capitalization weights.
 - (ii) If any component stock has a weight greater than 24%, that component stock has its float-adjusted market capitalization weight capped at 23%. The 23% weight cap creates a 2% buffer to ensure that no component stock exceeds 25% as of the quarter-end diversification requirement date.
 - (iii) All excess weight is equally redistributed to all uncapped component stocks within the relevant Select Sector Index.
 - (iv) After this redistribution, if the float-adjusted market capitalization weight of any other component stock(s) then breaches 23%, the process is repeated iteratively until no component stock breaches the 23% weight cap.
 - (v) The sum of the component stocks with weight greater than 4.8% cannot exceed 50% of the total index weight. These caps are set to allow for a buffer below the 5% limit.
 - (vi) If the rule in step (v) is breached, all the component stocks are ranked in descending order of their float-adjusted market capitalization weights and the first component stock that causes the 50% limit to be breached has its weight reduced to 4.6%.
 - (vii) This excess weight is equally redistributed to all component stocks with weights below 4.6%. This process is repeated iteratively until step (v) is satisfied.
 - (viii) Index share amounts are assigned to each component stock to arrive at the weights calculated above. Since index shares are assigned based on prices one business day prior to rebalancing, the actual weight of each component stock at the rebalancing differs somewhat from these weights due to market movements.
 - (ix) If necessary, the reweighting process may take place more than once prior to the close on the last business day of March, June, September or December to ensure conformity with all diversification requirements.
- Each Select Sector Index is calculated using the same methodology utilized by S&P Dow Jones Indices in calculating the SPX, using a base-weighted aggregate methodology. The daily calculation of each Select Sector Index is computed by dividing the total market value of the companies in the Select Sector Index by a number called the index divisor.
 - The Index Compilation Agent at any time may determine that a Component Stock which has been assigned to one Select Sector Index has undergone such a transformation in the composition of its business, and should be removed from that Select Sector Index and assigned to a different Select Sector Index. In the event that the Index Compilation Agent notifies S&P Dow Jones Indices that a Component Stock's Select Sector Index assignment should be changed, S&P Dow Jones Indices will disseminate notice of the change following its standard procedure for announcing index changes and will implement the change in the affected Select Sector Indices on a date no less than one week after the initial dissemination of information on the sector change to the maximum extent practicable. It is not anticipated that Component Stocks will change sectors frequently.
 - Component Stocks removed from and added to the SPX will be deleted from and added to the appropriate Select Sector Index on the same schedule used by S&P Dow Jones Indices for additions and deletions from the SPX insofar as practicable.

The S&P 500[®] Index

The SPX includes a representative sample of 500 companies in leading industries of the U.S. economy. The SPX is intended to provide an indication of the pattern of common stock price movement. The calculation of the level of the SPX is based on the relative value of the aggregate market value of the common stocks of 500 companies as of a particular time compared to the aggregate average market value of the common stocks of 500 similar companies during the base period of the years 1941 through 1943.





The SPX includes companies from eleven main groups: Communication Services; Consumer Discretionary; Consumer Staples; Energy; Financials; Health Care; Industrials; Information Technology; Real Estate; Materials; and Utilities. S&P Dow Jones Indices LLC ("SPDJ"), the sponsor of the SPX, may from time to time, in its sole discretion, add companies to, or delete companies from, the SPX to achieve the objectives stated above.

Company additions to the SPX must have an unadjusted company market capitalization of \$14.5 billion or more (an increase from the previous requirement of an unadjusted company market capitalization of \$12.7 billion or more).

SPDJ calculates the SPX by reference to the prices of the constituent stocks of the SPX without taking account of the value of dividends paid on those stocks. As a result, the return on the Notes will not reflect the return you would realize if you actually owned the SPX constituent stocks and received the dividends paid on those stocks.

Computation of the SPX

While SPDJ currently employs the following methodology to calculate the SPX, no assurance can be given that SPDJ will not modify or change this methodology in a manner that may affect payments on the Notes.

Historically, the market value of any component stock of the SPX was calculated as the product of the market price per share and the number of then outstanding shares of such component stock. In March 2005, SPDJ began shifting the SPX halfway from a market capitalization weighted formula to a float-adjusted formula, before moving the SPX to full float adjustment on September 16, 2005. SPDJ's criteria for selecting stocks for the SPX did not change with the shift to float adjustment. However, the adjustment affects each company's weight in the SPX.

Under float adjustment, the share counts used in calculating the SPX reflect only those shares that are available to investors, not all of a company's outstanding shares. Float adjustment excludes shares that are closely held by control groups, other publicly traded companies or government agencies.

In September 2012, all shareholdings representing more than 5% of a stock's outstanding shares, other than holdings by "block owners," were removed from the float for purposes of calculating the SPX. Generally, these "control holders" will include officers and directors, private equity, venture capital and special equity firms, other publicly traded companies that hold shares for control, strategic partners, holders of restricted shares, ESOPs, employee and family trusts, foundations associated with the company, holders of unlisted share classes of stock, government entities at all levels (other than government retirement/pension funds) and any individual person who controls a 5% or greater stake in a company as reported in regulatory filings. However, holdings by block owners, such as depository banks, pension funds, mutual funds and ETF providers, 401(k) plans of the company, government retirement/pension funds, investment funds of insurance companies, asset managers and investment funds, independent foundations and savings and investment plans, will ordinarily be considered part of the float.

Treasury stock, stock options, restricted shares, equity participation units, warrants, preferred stock, convertible stock, and rights are not part of the float. Shares held in a trust to allow investors in countries outside the country of domicile, such as depository shares and Canadian exchangeable shares, are normally part of the float unless those shares form a control block. If a company has multiple classes of stock outstanding, shares in an unlisted or non-traded class are treated as a control block.

For each stock, an investable weight factor ("IWF") is calculated by dividing the available float shares by the total shares outstanding. Available float shares are defined as the total shares outstanding less shares held by control holders. This calculation is subject to a 5% minimum threshold for control blocks. For example, if a company's officers and directors hold 3% of the company's shares, and no other control group holds 5% of the company's shares, SPDJ would assign that company an IWF of 1.00, as no control group meets the 5% threshold. However, if a company's officers and directors hold 3% of the company's shares and another control group holds 20% of the company's shares, SPDJ would assign an IWF of 0.77, reflecting the fact that 23% of the company's outstanding shares are considered to be held for control. As of July 31, 2017, companies with multiple share class lines are no longer eligible for inclusion in the SPX. Constituents of the SPX prior to July 31, 2017 with multiple share class lines will be grandfathered in and continue to be included in the SPX. If a constituent company of the SPX reorganizes into a multiple share class line structure, that company will remain in the SPX at the discretion of the S&P Index Committee in order to minimize turnover.

The SPX is calculated using a base-weighted aggregate methodology. The level of the SPX reflects the total market value of all component stocks relative to the base period of the years 1941 through 1943. An indexed number is used to represent the results of this calculation in order to make the level easier to work with and track over time. The actual total market value of the component stocks during the base period of the years 1941 through 1943 has been set to an indexed level of 10. This is often indicated by the notation 1941-43 = 10. In practice, the daily calculation of the SPX is computed by dividing the total market value of the component stocks by the "index divisor." By itself, the index divisor is an arbitrary number. However, in the context of the calculation of the SPX, it serves as a link to the original base period level of the SPX. The index divisor keeps the SPX comparable over time and is the manipulation point for all adjustments to the SPX, which is index maintenance.

Index Maintenance

Index maintenance includes monitoring and completing the adjustments for company additions and deletions, share changes, stock splits, stock dividends, and stock price adjustments due to company restructuring or spinoffs. Some corporate actions, such as stock splits and stock dividends, require changes in the common shares outstanding and the stock prices of the companies in the SPX, and do not require index divisor adjustments.





To prevent the level of the SPX from changing due to corporate actions, corporate actions which affect the total market value of the SPX require an index divisor adjustment. By adjusting the index divisor for the change in market value, the level of the SPX remains constant and does not reflect the corporate actions of individual companies in the SPX. Index divisor adjustments are made after the close of trading and after the calculation of the SPX closing level.

Changes in a company's shares outstanding of 5.00% or more due to mergers, acquisitions, public offerings, tender offers, Dutch auctions, or exchange offers are made as soon as reasonably possible. Share changes due to mergers or acquisitions of publicly held companies that trade on a major exchange are implemented when the transaction occurs, even if both of the companies are not in the same headline index, and regardless of the size of the change. All other changes of 5.00% or more (due to, for example, company stock repurchases, private placements, redemptions, exercise of options, warrants, conversion of preferred stock, notes, debt, equity participation units, at-the-market offerings, or other recapitalizations) are made weekly and are announced on Fridays for implementation after the close of trading on the following Friday. Changes of less than 5.00% are accumulated and made quarterly on the third Friday of March, June, September, and December, and are usually announced two to five days prior.

If a change in a company's shares outstanding of 5.00% or more causes a company's IWF to change by five percentage points or more, the IWF is updated at the same time as the share change. IWF changes resulting from partial tender offers are considered on a case by case basis.

Historical Performance of the XLK

The following graph sets forth the daily historical performance of the XLK in the period from January 2, 2018 through August 9, 2023. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. The horizontal line in the graph represents the XLK's hypothetical Coupon Barrier and hypothetical Threshold Value of \$92.47 (rounded to two decimal places), which is 55% of the XLK's hypothetical Starting Value of \$168.12, which was its Closing Market Price on August 9, 2023. The actual Starting Value, Coupon Barrier and Threshold Value will be determined on the pricing date.



This historical data on the XLK is not necessarily indicative of the future performance of the XLK or what the value of the Notes may be. Any historical upward or downward trend in the Closing Market Price of the XLK during any period set forth above is not an indication that the Closing Market Price of the XLK is more or less likely to increase or decrease at any time over the term of the Notes.

Before investing in the Notes, you should consult publicly available sources for the Closing Market Prices and trading pattern of the XLK.





The VanEck® Gold Miners ETF

We have derived the following information from publicly available documents published by VanEck ETF Trust (the "Trust") (or, with respect to its underlying index, NYSE Arca).

Information provided to or filed with the SEC relating to the GDX under the Securities Exchange Act of 1934, as amended, can be located by reference to its Central Index Key, or CIK, 0001137360 through the SEC's website at <http://www.sec.gov>. Additional information about the GDX may be obtained from other sources including, but not limited to, press releases, newspaper articles and other publicly disseminated documents. We have not made any independent investigation as to the accuracy or completeness of such information.

The GDX is an investment portfolio maintained, managed and advised by the Trust. The GDX is an exchange traded fund that trades on NYSE Arca under the ticker symbol "GDX." The GDX seeks to provide investment results that correspond generally to the price and yield performance, before fees and expenses, of the NYSE Arca Gold Miners Index (the "Underlying Index"). The GDX utilizes a "passive" or "indexing" investment approach in attempting to track the performance of the Underlying Index by investing in a portfolio of securities that generally replicates the Underlying Index. The GDX will normally invest at least 80% of its total assets in common stocks that comprise the Underlying Index.

The Underlying Index

The Underlying Index is a modified market capitalization weighted index comprised of securities issued by publicly traded companies involved primarily in the mining of gold or silver. The Underlying Index is calculated, maintained and published by ICE Data Indices, LLC ("IDI"), the index sponsor.

Eligibility Criteria for Index Components

The Underlying Index includes common stocks, American Depositary Receipts or Global Depositary Receipts of selected companies that are involved in mining for gold and silver and that are listed for trading and electronically quoted on a major stock market that is accessible by foreign investors. Generally, this includes exchanges in most developed markets and major emerging markets, and includes companies that are cross-listed, i.e., both U.S. and Canadian listings. IDI will use its discretion to avoid exchanges and markets that are considered "frontier" in nature or have major restrictions to foreign ownership. The universe of companies eligible for inclusion in the Underlying Index will specifically include those companies that derive at least 50% of their revenues from gold mining and related activities (40% for companies that are already included in the Underlying Index). Also, the Underlying Index will maintain an exposure to companies with a significant revenue exposure to silver mining in addition to gold mining, which will not exceed 20% of the Underlying Index weight at each rebalance.

Further, both streaming companies and royalty companies are eligible for inclusion in the Underlying Index. Companies that have not yet commenced production are also eligible for inclusion in the Underlying Index, provided that they have tangible revenues that are related to the mining of either gold or silver ore. There are no restrictions imposed on the index universe in how much a particular company has hedged in gold or silver production via futures, options or forward contracts.

Only companies with a market capitalization of greater than \$750 million that have an average daily trading volume of at least 50,000 shares over the past three months and an average daily value traded of at least \$1 million over the past three months are eligible for inclusion in the Underlying Index. A buffer is enforced for companies already in the Underlying Index. For companies already included in the Underlying Index, the market capitalization requirement at each rebalance is \$450 million, the average daily volume requirement is at least 30,000 shares over the past three months and the average daily value traded requirement is at least \$600,000 over the past three months.

IDI has the discretion to not include all companies that meet the minimum criteria for inclusion.

Calculation of the Underlying Index

The Underlying Index is calculated by IDI on a net total return basis. The calculation is based on the current modified market capitalization divided by a divisor. The divisor was determined on the initial capitalization base of the Underlying Index and the base level and may be adjusted as a result of corporate actions and composition changes, as described below. The level of the Underlying Index was set at 500.00 on December 19, 2002, which is the index base date. The Underlying Index is calculated using the following formula:

$$\text{Index(NTR)}_t = \frac{\sum_i P_{i,t} Q_{i,t}}{D_{ntr,t}}$$

Where:

t = Index Calculation Date t;

$D_{ntr,t}$ = the Index Divisor on Index Calculation Date t;

$P_{i,t}$ = Price (in the Index Base Currency) of Index Constituent i on Index Calculation Date t;

$Q_{i,t}$ = number of Shares of Index Constituent i on Index Calculation Date t





Underlying Index Maintenance

Quarterly Index Rebalances

The Underlying Index is reviewed quarterly so that the selection and weightings of the constituents continues to reflect as closely as possible the Underlying Index's objective of measuring the performance of highly capitalized companies in the gold mining industry. IDI may at any time and from time to time change the number of securities comprising the Underlying Index by adding or deleting one or more securities, or replacing one or more securities contained in the Underlying Index with one or more substitute securities of its choice, if in IDI's discretion such addition, deletion or substitution is necessary or appropriate to maintain the quality and/or character of the Underlying Index. A company will be removed from the Underlying Index during the quarterly review if either (1) its market capitalization falls below \$450 million or (2) its average daily trading volume for the previous three months is less than 30,000 shares and its average daily traded value for the previous three months is less than \$600,000.

Weightings at Quarterly Index Rebalances

At the time of the quarterly rebalance, the component security weights (also referred to as the multiplier or share quantities of each component security) will be modified to conform to the following asset diversification requirements:

1. the weight of any single component security may not account for more than 20% of the total value of the Underlying Index;
2. the component securities are split into two subgroups—large and small, which are ranked by unadjusted market capitalization weight in the Underlying Index. Large securities are defined as having a starting index weight greater than or equal to 5%. Small securities are defined as having a starting index weight below 5%; and
3. the final aggregate weight of those component securities which individually represent more than 4.5% of the total value of the Underlying Index may not account for more than 45% of the total index value.

The weights of the components securities (taking into account expected component changes and share adjustments) are modified in accordance with the Underlying Index's diversification rules.

Diversification Rule 1: If any component stock exceeds 20% of the total value of the Underlying Index, then all stocks greater than 20% of the Underlying Index are reduced to represent 20% of the value of the Underlying Index. The aggregate amount by which all component stocks are reduced is redistributed proportionately across the remaining stocks that represent less than 20% of the index value. After this redistribution, if any other stock then exceeds 20%, the stock is set to 20% of the index value and the redistribution is repeated.

Diversification Rule 2: The components are sorted into two groups, large are components with a starting index weight of 5% or greater and small are components with a weight of under 5% (after any adjustments for Diversification Rule 1). If there are no components that classify as large components after Diversification Rule 1 is run, then Diversification Rule 2 is not executed. Alternatively, if the starting aggregate weight of the large components after Diversification Rule 1 is run is not greater than 45% of the starting index weight, then Diversification Rule 2 is not executed. If Diversification Rule 2 is executed, then the large group will represent in the aggregate 45% and the small group will represent 55% in the aggregate of the final index weight. This will be adjusted through the following process: The weight of each of the large stocks will be scaled down proportionately (with a floor of 5%) so that the aggregate weight of the large components will be reduced to represent 45% of the Underlying Index. If any large component stock falls below a weight equal to the product of 5% and the proportion by which the stocks were scaled down following this distribution, then the weight of the stock is set equal to 5% and the components with weights greater than 5% will be reduced proportionately. The weight of each of the small components will be scaled up proportionately from the redistribution of the large components. If any small component stock exceeds a weight equal to the product of 4.5% and the proportion by which the stocks were scaled down following this distribution, then the weight of the stock is set equal to 4.5%. The redistribution of weight to the remaining stocks is repeated until the entire amount has been redistributed.

Changes to the Underlying Index composition and/or the component security weights in the Underlying Index are determined and announced prior to taking effect. These changes typically become effective after the close of trading on the third Friday of each calendar quarter month in connection with the quarterly index rebalance.

Corporate Action-Related Adjustments

The Underlying Index may be adjusted in order to maintain the continuity of the index level and the composition. The underlying aim is that the index continues to reflect as closely as possible the value of the underlying portfolio. Adjustments take place in reaction to events that occur with constituents, in order to mitigate or eliminate the effect of that event on the Underlying Index.

The Index Divisor will be adjusted for corporate actions and any additions, deletions and share changes, as described in more detail below. The Index Divisor is calculated as follows:

$$D_{ntr,t} = \frac{\sum_i APC_{i,t} Q_t}{\text{Index(NTR)}_{t-1}}$$





Where:

t = Index Calculation Date t ;

$D_{nr,t}$ = the Index Divisor on Index Calculation Date t ;

$APC_{i,t}$ = the Adjusted Previous Close Price (for net dividends going ex-dividend on Index Calculation Date t and corporate actions, and denominated in the Index Base Currency) of Index Constituent i on Index Calculation Date t ;

$Q_{i,t}$ = number of Shares of Index Constituent i on Index Calculation Date t ;

$Index(NTR)_{t-1}$ = the Underlying Index Level from Date $t-1$;

Adjustments take place in reaction to events that occur with constituents in order to mitigate or eliminate the effect of that event on the performance of the Underlying Index as follow:

- (1) *Removal of constituents.* Any stock deleted from the Underlying Index as a result of a corporate action such as a merger, acquisition, spin-off, delisting or bankruptcy is typically not replaced with a new constituent. The total number of stocks in the Underlying Index is reduced by one every time a company is deleted. In certain circumstances, IDI may decide to add another constituent into the Underlying Index as a result of the pending removal of a current constituent. If a company is removed from the Underlying Index, the divisor will be adapted to maintain the index level.
 - a. Mergers and acquisitions. In the event that a merger or acquisition occurs between members of the Underlying Index, the acquired company is deleted and its market capitalization moves to the acquiring company's stock. In the event that only one of the parties to a merger or acquisition is a member of the Underlying Index, an acquiring member of the Underlying Index continues as a member of the Underlying Index and its shares will be adjusted at the next rebalance while an acquired member of the Underlying Index is removed from the Underlying Index and its market capitalization redistributed proportionately across the remaining constituents via a divisor adjustment, and the acquiring company may be considered for inclusion at the next rebalance.
 - b. Suspensions and company distress. Immediately upon a company's filing for bankruptcy, an announcement will be made to remove the constituent from the Underlying Index effective for the next trading day. If the constituent is trading on an over-the-counter market, the last trade or price on that market is utilized as the deletion price on that day. If the stock does not trade on the relevant exchange between the bankruptcy announcement and the current index business day, the stock may be deleted from the Underlying Index with a presumed market value of \$0.
 - c. Split-up / spin-off. The closing price of the index constituent is adjusted by the value of the spin-off and the shares of the index constituent will not be adjusted.
- (2) *Dividends.* The Underlying Index will be adjusted for dividends that are special. To determine whether a dividend should be considered a special dividend, the compiler will use the following criteria: (a) the declaration of a dividend additional to those dividends declared as part of a company's normal results and dividend reporting cycle; or (b) the identification of an element of a dividend paid in line with a company's normal results and dividend reporting cycle as an element that is unambiguously additional to the company's normal payment.
- (3) *Rights issues and other rights.* In the event of a rights issue, the price is adjusted for the value of the right before the open on the ex-date, and the shares are increased to maintain the constituent's existing weighting within the Underlying Index. The adjustment assumes that the rights issue is fully subscribed. The amount of the price adjustment is determined from the terms of the rights issue, including the subscription price, and the price of the underlying security. IDI shall only enact adjustments if the rights represent a positive value, or are in-the-money, or, alternatively, represent or can be converted into a tangible cash value.
- (4) *Bonus issues, stock splits and reverse stock splits.* For bonus issues, stock splits and reverse stock splits, the number of shares included in the Underlying Index will be adjusted in accordance with the ratio given in the corporate action. Since the event won't change the value of the company included in the Underlying Index, the divisor will not be changed because of this.
- (5) *Changes in number of shares.* Changes in the number of shares outstanding, typically due to share repurchases, tenders or offerings, will not be reflected in the Underlying Index.

Other Adjustments

In cases not expressly covered by the rules governing the Underlying Index, operational adjustments will take place along the lines of the aim of the Underlying Index. Operational adjustments may also take place if, in IDI's opinion, it is desirable to do so to maintain a fair and orderly market in derivatives on the Underlying Index and/or is in the best interests of the investors in products based on the Underlying Index and/or the proper functioning of the markets. Any such modifications or exercise of expert judgment will also be governed by any applicable policies, procedures and guidelines in place by IDI at such time.

Historical Performance of the GDX

The following graph sets forth the daily historical performance of the GDX in the period from January 2, 2018 through August 9, 2023. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. The horizontal line in the graph represents the GDX's hypothetical Coupon Barrier and hypothetical Threshold Value of \$16.02 (rounded to two decimal places), which is 55% of the GDX's hypothetical Starting Value of \$29.13, which was its Closing Market Price on August 9, 2023. The actual Starting Value, Coupon Barrier and Threshold Value will be determined on the pricing date.







This historical data on the GDX is not necessarily indicative of the future performance of the GDX or what the value of the Notes may be. Any historical upward or downward trend in the Closing Market Price of the GDX during any period set forth above is not an indication that the Closing Market Price of the GDX is more or less likely to increase or decrease at any time over the term of the Notes.

Before investing in the Notes, you should consult publicly available sources for the Closing Market Prices and trading pattern of the GDX.





Supplement to the Plan of Distribution; Role of BofAS and Conflicts of Interest

BofAS, a broker-dealer affiliate of ours, is a member of the Financial Industry Regulatory Authority, Inc. ("FINRA") and will participate as selling agent in the distribution of the Notes. Accordingly, the offering of the Notes will conform to the requirements of FINRA Rule 5121. BofAS may not make sales in this offering to any of its discretionary accounts without the prior written approval of the account holder.

We expect to deliver the Notes against payment therefor in New York, New York on a date that is greater than two business days following the pricing date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. Accordingly, if the initial settlement of the Notes occurs more than two business days from the pricing date, purchasers who wish to trade the Notes more than two business days prior to the original issue date will be required to specify alternative settlement arrangements to prevent a failed settlement.

Under our distribution agreement with BofAS, BofAS will purchase the Notes from us as principal at the public offering price indicated on the cover of this pricing supplement, less the indicated underwriting discount, if any. BofAS will sell the Notes to other broker-dealers that will participate in the offering and that are not affiliated with us, at an agreed discount to the principal amount. Each of those broker-dealers may sell the Notes to one or more additional broker-dealers. BofAS has informed us that these discounts may vary from dealer to dealer and that not all dealers will purchase or repurchase the Notes at the same discount. Certain dealers who purchase the Notes for sale to certain fee-based advisory accounts may forgo some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the Notes in these fee-based advisory accounts may be as low as \$994.00 per \$1,000 in principal amount of Notes.

BofAS and any of our other broker-dealer affiliates may use this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus for offers and sales in secondary market transactions and market-making transactions in the Notes. However, they are not obligated to engage in such secondary market transactions and/or market-making transactions. These broker-dealer affiliates may act as principal or agent in these transactions, and any such sales will be made at prices related to prevailing market conditions at the time of the sale.

At BofAS's discretion, for a short, undetermined initial period after the issuance of the Notes, BofAS may offer to buy the Notes in the secondary market at a price that may exceed the initial estimated value of the Notes. Any price offered by BofAS for the Notes will be based on then-prevailing market conditions and other considerations, including the performance of the Underlyings and the remaining term of the Notes. However, none of us, the Guarantor, BofAS or any of our other affiliates is obligated to purchase your Notes at any price or at any time, and we cannot assure you that any party will purchase your Notes at a price that equals or exceeds the initial estimated value of the Notes.

Any price that BofAS may pay to repurchase the Notes will depend upon then prevailing market conditions, the creditworthiness of us and the Guarantor, and transaction costs. At certain times, this price may be higher than or lower than the initial estimated value of the Notes.

European Economic Area and United Kingdom

None of this pricing supplement, the accompanying product supplement, the accompanying prospectus or the accompanying prospectus supplement is a prospectus for the purposes of the Prospectus Regulation (as defined below). This pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement have been prepared on the basis that any offer of Notes in any Member State of the European Economic Area (the "EEA") or in the United Kingdom (each, a "Relevant State") will only be made to a legal entity which is a qualified investor under the Prospectus Regulation ("Qualified Investors"). Accordingly any person making or intending to make an offer in that Relevant State of Notes which are the subject of the offering contemplated in this pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement may only do so with respect to Qualified Investors. Neither BofA Finance nor BAC has authorized, nor does it authorize, the making of any offer of Notes other than to Qualified Investors. The expression "Prospectus Regulation" means Regulation (EU) 2017/1129.

PROHIBITION OF SALES TO EEA AND UNITED KINGDOM RETAIL INVESTORS – The Notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the EEA or in the United Kingdom. For these purposes: (a) a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended ("MiFID II"); or (ii) a customer within the meaning of Directive (EU) 2016/97 (the Insurance Distribution Directive) where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in the Prospectus Regulation; and (b) the expression "offer" includes the communication in any form and by any means of sufficient information on the terms of the offer and the Notes to be offered so as to enable an investor to decide to purchase or subscribe for the Notes. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the "PRIIPs Regulation") for offering or selling the Notes or otherwise making them available to retail investors in the EEA or in the United Kingdom has been prepared and therefore offering or selling the Notes or otherwise making them available to any retail investor in the EEA or in the United Kingdom may be unlawful under the PRIIPs Regulation.





United Kingdom

The communication of this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement, the accompanying prospectus and any other document or materials relating to the issue of the Notes offered hereby is not being made, and such documents and/or materials have not been approved, by an authorized person for the purposes of section 21 of the United Kingdom's Financial Services and Markets Act 2000, as amended (the "FSMA"). Accordingly, such documents and/or materials are not being distributed to, and must not be passed on to, the general public in the United Kingdom. The communication of such documents and/or materials as a financial promotion is only being made to those persons in the United Kingdom who have professional experience in matters relating to investments and who fall within the definition of investment professionals (as defined in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Financial Promotion Order")), or who fall within Article 49(2)(a) to (d) of the Financial Promotion Order, or who are any other persons to whom it may otherwise lawfully be made under the Financial Promotion Order (all such persons together being referred to as "relevant persons"). In the United Kingdom, the Notes offered hereby are only available to, and any investment or investment activity to which this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement and the accompanying prospectus relates will be engaged in only with, relevant persons. Any person in the United Kingdom that is not a relevant person should not act or rely on this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement or the accompanying prospectus or any of their contents.

Any invitation or inducement to engage in investment activity (within the meaning of Section 21 of the FSMA) in connection with the issue or sale of the Notes may only be communicated or caused to be communicated in circumstances in which Section 21(1) of the FSMA does not apply to BofA Finance, as issuer, or BAC, as guarantor.

All applicable provisions of the FSMA must be complied with in respect to anything done by any person in relation to the Notes in, from or otherwise involving the United Kingdom.





Structuring the Notes

The Notes are our debt securities, the return on which is linked to the performance of the Underlyings. The related guarantee is BAC's obligation. As is the case for all of our and BAC's respective debt securities, including our market-linked notes, the economic terms of the Notes reflect our and BAC's actual or perceived creditworthiness at the time of pricing. In addition, because market-linked notes result in increased operational, funding and liability management costs to us and BAC, BAC typically borrows the funds under these types of notes at a rate, which we refer to in this pricing supplement as BAC's internal funding rate, that is more favorable to BAC than the rate that it might pay for a conventional fixed or floating rate debt security. This generally relatively lower internal funding rate, which is reflected in the economic terms of the Notes, along with the fees and charges associated with market-linked notes, typically results in the initial estimated value of the Notes on the pricing date being less than their public offering price.

In order to meet our payment obligations on the Notes, at the time we issue the Notes, we may choose to enter into certain hedging arrangements (which may include call options, put options or other derivatives) with BofAS or one of our other affiliates. The terms of these hedging arrangements are determined based upon terms provided by BofAS and its affiliates, and take into account a number of factors, including our and BAC's creditworthiness, interest rate movements, the volatility of the Underlyings, the tenor of the Notes and the hedging arrangements. The economic terms of the Notes and their initial estimated value depend in part on the terms of these hedging arrangements.

BofAS has advised us that the hedging arrangements will include hedging related charges, reflecting the costs associated with, and our affiliates' profit earned from, these hedging arrangements. Since hedging entails risk and may be influenced by unpredictable market forces, actual profits or losses from these hedging transactions may be more or less than any expected amounts.

For further information, see "Risk Factors" beginning on page PS-9 above and "Supplemental Use of Proceeds" on page PS-20 of the accompanying product supplement.





U.S. Federal Income Tax Summary

The following summary of the material U.S. federal income and estate tax considerations of the acquisition, ownership, and disposition of the Notes supplements, and to the extent inconsistent supersedes, the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus and is not exhaustive of all possible tax considerations. This summary is based upon the Internal Revenue Code of 1986, as amended (the "Code"), regulations promulgated under the Code by the U.S. Treasury Department ("Treasury") (including proposed and temporary regulations), rulings, current administrative interpretations and official pronouncements of the IRS, and judicial decisions, all as currently in effect and all of which are subject to differing interpretations or to change, possibly with retroactive effect. No assurance can be given that the IRS would not assert, or that a court would not sustain, a position contrary to any of the tax consequences described below. This summary does not include any description of the tax laws of any state or local governments, or of any foreign government, that may be applicable to a particular holder.

Although the Notes are issued by us, they will be treated as if they were issued by BAC for U.S. federal income tax purposes. Accordingly throughout this tax discussion, references to "we," "our" or "us" are generally to BAC unless the context requires otherwise.

This summary is directed solely to U.S. Holders and Non-U.S. Holders that, except as otherwise specifically noted, will purchase the Notes upon original issuance and will hold the Notes as capital assets within the meaning of Section 1221 of the Code, which generally means property held for investment, and that are not excluded from the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus.

You should consult your own tax advisor concerning the U.S. federal income tax consequences to you of acquiring, owning, and disposing of the Notes, as well as any tax consequences arising under the laws of any state, local, foreign, or other tax jurisdiction and the possible effects of changes in U.S. federal or other tax laws.

General

Although there is no statutory, judicial, or administrative authority directly addressing the characterization of the Notes, we intend to treat the Notes for all tax purposes as contingent income-bearing single financial contracts with respect to the Underlyings and under the terms of the Notes, we and every investor in the Notes agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat the Notes in accordance with such characterization. In the opinion of our counsel, Sidley Austin LLP, it is reasonable to treat the Notes as contingent income-bearing single financial contracts with respect to the Underlyings. However, Sidley Austin LLP has advised us that it is unable to conclude that it is more likely than not that this treatment will be upheld. This discussion assumes that the Notes constitute contingent income-bearing single financial contracts with respect to the Underlyings for U.S. federal income tax purposes. If the Notes did not constitute contingent income-bearing single financial contracts, the tax consequences described below would be materially different.

This characterization of the Notes is not binding on the IRS or the courts. No statutory, judicial, or administrative authority directly addresses the characterization of the Notes or any similar instruments for U.S. federal income tax purposes, and no ruling is being requested from the IRS with respect to their proper characterization and treatment. Due to the absence of authorities on point, significant aspects of the U.S. federal income tax consequences of an investment in the Notes are not certain, and no assurance can be given that the IRS or any court will agree with the characterization and tax treatment described in this pricing supplement. Accordingly, you are urged to consult your tax advisor regarding all aspects of the U.S. federal income tax consequences of an investment in the Notes, including possible alternative characterizations.

Unless otherwise stated, the following discussion is based on the characterization described above. The discussion in this section assumes that there is a significant possibility of a significant loss of principal on an investment in the Notes.

We will not attempt to ascertain whether the issuer of any Underlying would be treated as a "passive foreign investment company" ("PFIC"), within the meaning of Section 1297 of the Code, or a United States real property holding corporation, within the meaning of Section 897(c) of the Code. If the issuer of any Underlying were so treated, certain adverse U.S. federal income tax consequences could possibly apply to a holder of the Notes. You should refer to information filed with the SEC by the issuers of the Underlyings and consult your tax advisor regarding the possible consequences to you, if any, if the issuer of any Underlying is or becomes a PFIC or is or becomes a United States real property holding corporation.

U.S. Holders

Although the U.S. federal income tax treatment of any Contingent Coupon Payment on the Notes is uncertain, we intend to take the position, and the following discussion assumes, that any Contingent Coupon Payment constitutes taxable ordinary income to a U.S. Holder at the time received or accrued in accordance with the U.S. Holder's regular method of accounting. By purchasing the Notes you agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat any Contingent Coupon Payment as described in the preceding sentence.

Upon receipt of a cash payment at maturity or upon a sale, exchange, or redemption of the Notes prior to maturity, a U.S. Holder generally will recognize capital gain or loss equal to the difference between the amount realized (other than amounts representing any Contingent Coupon Payment, which would be taxed as described above) and the U.S. Holder's tax basis in the Notes. A U.S. Holder's tax basis in the Notes will equal the amount paid by that holder to acquire them. Subject to the discussion below concerning the possible application of the "constructive ownership"





rules of Section 1260 of the Code, this capital gain or loss generally will be long-term capital gain or loss if the U.S. Holder held the Notes for more than one year. The deductibility of capital losses is subject to limitations.

Possible Application of Section 1260 of the Code. Since each Underlying is the type of financial asset described under Section 1260 of the Code (including, among others, any equity interest in pass-through entities such as exchange traded funds, regulated investment companies, real estate investment trusts, partnerships, and passive foreign investment companies, each a "Section 1260 Financial Asset"), while the matter is not entirely clear, there may exist a risk that an investment in the Notes will be treated, in whole or in part, as a "constructive ownership transaction" to which Section 1260 of the Code applies. If Section 1260 of the Code applies, all or a portion of any long-term capital gain recognized by a U.S. Holder in respect of the Notes will be recharacterized as ordinary income (the "Excess Gain"). In addition, an interest charge will also apply to any deemed underpayment of tax in respect of any Excess Gain to the extent such gain would have resulted in gross income inclusion for the U.S. Holder in taxable years prior to the taxable year of the sale, exchange, redemption, or settlement (assuming such income accrued at a constant rate equal to the applicable federal rate as of the date of sale, exchange, redemption, or settlement).

If an investment in the Notes is treated as a constructive ownership transaction, it is not clear to what extent any long-term capital gain of a U.S. Holder in respect of the Notes will be recharacterized as ordinary income. It is possible, for example, that the amount of the Excess Gain (if any) that would be recharacterized as ordinary income in respect of the Notes will equal the excess of (i) any long-term capital gain recognized by the U.S. Holder in respect of the Notes and attributable to Section 1260 Financial Assets, over (ii) the "net underlying long-term capital gain" (as defined in Section 1260 of the Code) such U.S. Holder would have had if such U.S. Holder had acquired an amount of the corresponding Section 1260 Financial Assets at fair market value on the original issue date for an amount equal to the portion of the issue price of the Notes attributable to the corresponding Section 1260 Financial Assets and sold such amount of Section 1260 Financial Assets at maturity or upon sale, exchange or redemption of the Notes at fair market value. Unless otherwise established by clear and convincing evidence, the net underlying long-term capital gain is treated as zero and therefore it is possible that all long-term capital gain recognized by a U.S. Holder in respect of the Notes will be recharacterized as ordinary income if Section 1260 of the Code applies to an investment in the Notes. U.S. Holders should consult their tax advisors regarding the potential application of Section 1260 of the Code to an investment in the Notes.

As described below, the IRS, as indicated in Notice 2008-2 (the "Notice"), is considering whether Section 1260 of the Code generally applies or should apply to the Notes, including in situations where the Underlyings are not the type of financial asset described under Section 1260 of the Code.

Alternative Tax Treatments. Due to the absence of authorities that directly address the proper tax treatment of the Notes, prospective investors are urged to consult their tax advisors regarding all possible alternative tax treatments of an investment in the Notes. In particular, the IRS could seek to subject the Notes to the Treasury regulations governing contingent payment debt instruments. If the IRS were successful in that regard, the timing and character of income on the Notes would be affected significantly. Among other things, a U.S. Holder would be required to accrue original issue discount every year at a "comparable yield" determined at the time of issuance. In addition, any gain realized by a U.S. Holder at maturity or upon a sale, exchange, or redemption of the Notes generally would be treated as ordinary income, and any loss realized at maturity or upon a sale, exchange, or redemption of the Notes generally would be treated as ordinary loss to the extent of the U.S. Holder's prior accruals of original issue discount, and as capital loss thereafter.

In addition, it is possible that the Notes could be treated as a unit consisting of a deposit and a put option written by the Note holder, in which case the timing and character of income on the Notes would be affected significantly.

The Notice sought comments from the public on the taxation of financial instruments currently taxed as "prepaid forward contracts." This Notice addresses instruments such as the Notes. According to the Notice, the IRS and Treasury are considering whether a holder of an instrument such as the Notes should be required to accrue ordinary income on a current basis, regardless of whether any payments are made prior to maturity. It is not possible to determine what guidance the IRS and Treasury will ultimately issue, if any. Any such future guidance may affect the amount, timing and character of income, gain, or loss in respect of the Notes, possibly with retroactive effect.

The IRS and Treasury are also considering additional issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether foreign holders of such instruments should be subject to withholding tax on any deemed income accruals, whether Section 1260 of the Code, concerning certain "constructive ownership transactions," generally applies or should generally apply to such instruments, and whether any of these determinations depend on the nature of the underlying asset.

In addition, proposed Treasury regulations require the accrual of income on a current basis for contingent payments made under certain notional principal contracts. The preamble to the regulations states that the "wait and see" method of accounting does not properly reflect the economic accrual of income on those contracts, and requires current accrual of income for some contracts already in existence. While the proposed regulations do not apply to prepaid forward contracts, the preamble to the proposed regulations expresses the view that similar timing issues exist in the case of prepaid forward contracts. If the IRS or Treasury publishes future guidance requiring current economic accrual for contingent payments on prepaid forward contracts, it is possible that you could be required to accrue income over the term of the Notes.

Because of the absence of authority regarding the appropriate tax characterization of the Notes, it is also possible that the IRS could seek to characterize the Notes in a manner that results in tax consequences that are different from those described above. For example, the IRS could





possibly assert that any gain or loss that a holder may recognize at maturity or upon the sale, exchange, or redemption of the Notes should be treated as ordinary gain or loss.

Non-U.S. Holders

Because the U.S. federal income tax treatment of the Notes (including any Contingent Coupon Payment) is uncertain, we (or the applicable paying agent) will withhold U.S. federal income tax at a 30% rate (or at a lower rate under an applicable income tax treaty) on the entire amount of any Contingent Coupon Payment made unless such payments are effectively connected with the conduct by the Non-U.S. Holder of a trade or business in the U.S. (in which case, to avoid withholding, the Non-U.S. Holder will be required to provide a Form W-8ECI). We (or the applicable paying agent) will not pay any additional amounts in respect of such withholding. To claim benefits under an income tax treaty, a Non-U.S. Holder must obtain a taxpayer identification number and certify as to its eligibility under the appropriate treaty's limitations on benefits article, if applicable. In addition, special rules may apply to claims for treaty benefits made by Non-U.S. Holders that are entities rather than individuals. The availability of a lower rate of withholding under an applicable income tax treaty will depend on whether such rate applies to the characterization of the payments under U.S. federal income tax laws. A Non-U.S. Holder that is eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by filing an appropriate claim for refund with the IRS.

Except as discussed below, a Non-U.S. Holder generally will not be subject to U.S. federal income or withholding tax for amounts paid in respect of the Notes (not including, for the avoidance of doubt, amounts representing any Contingent Coupon Payment which would be subject to the rules discussed in the previous paragraph) upon the sale, exchange, or redemption of the Notes or their settlement at maturity, provided that the Non-U.S. Holder complies with applicable certification requirements and that the payment is not effectively connected with the conduct by the Non-U.S. Holder of a U.S. trade or business. Notwithstanding the foregoing, gain from the sale, exchange, or redemption of the Notes or their settlement at maturity may be subject to U.S. federal income tax if that Non-U.S. Holder is a non-resident alien individual and is present in the U.S. for 183 days or more during the taxable year of the sale, exchange, redemption, or settlement and certain other conditions are satisfied.

If a Non-U.S. Holder of the Notes is engaged in the conduct of a trade or business within the U.S. and if any Contingent Coupon Payment and gain realized on the settlement at maturity, or upon sale, exchange, or redemption of the Notes, is effectively connected with the conduct of such trade or business (and, if certain tax treaties apply, is attributable to a permanent establishment maintained by the Non-U.S. Holder in the U.S.), the Non-U.S. Holder, although exempt from U.S. federal withholding tax, generally will be subject to U.S. federal income tax on such Contingent Coupon Payment and gain on a net income basis in the same manner as if it were a U.S. Holder. Such Non-U.S. Holders should read the material under the heading "—U.S. Holders," for a description of the U.S. federal income tax consequences of acquiring, owning, and disposing of the Notes. In addition, if such Non-U.S. Holder is a foreign corporation, it may also be subject to a branch profits tax equal to 30% (or such lower rate provided by any applicable tax treaty) of a portion of its earnings and profits for the taxable year that are effectively connected with its conduct of a trade or business in the U.S., subject to certain adjustments.

A "dividend equivalent" payment is treated as a dividend from sources within the United States and such payments generally would be subject to a 30% U.S. withholding tax if paid to a Non-U.S. Holder. Under Treasury regulations, payments (including deemed payments) with respect to equity-linked instruments ("ELIs") that are "specified ELIs" may be treated as dividend equivalents if such specified ELIs reference an interest in an "underlying security," which is generally any interest in an entity taxable as a corporation for U.S. federal income tax purposes if a payment with respect to such interest could give rise to a U.S. source dividend. However, IRS guidance provides that withholding on dividend equivalent payments will not apply to specified ELIs that are not delta-one instruments and that are issued before January 1, 2025. Based on our determination that the Notes are not delta-one instruments, Non-U.S. Holders should not be subject to withholding on dividend equivalent payments, if any, under the Notes. However, it is possible that the Notes could be treated as deemed reissued for U.S. federal income tax purposes upon the occurrence of certain events affecting the Underlyings or the Notes, and following such occurrence the Notes could be treated as subject to withholding on dividend equivalent payments. Non-U.S. Holders that enter, or have entered, into other transactions in respect of the Underlyings or the Notes should consult their tax advisors as to the application of the dividend equivalent withholding tax in the context of the Notes and their other transactions. If any payments are treated as dividend equivalents subject to withholding, we (or the applicable paying agent) would be entitled to withhold taxes without being required to pay any additional amounts with respect to amounts so withheld.

As discussed above, alternative characterizations of the Notes for U.S. federal income tax purposes are possible. Should an alternative characterization, by reason of change or clarification of the law, by regulation or otherwise, cause payments as to the Notes to become subject to withholding tax in addition to the withholding tax described above, tax will be withheld at the applicable statutory rate. Prospective Non-U.S. Holders should consult their own tax advisors regarding the tax consequences of such alternative characterizations.

U.S. Federal Estate Tax. Under current law, while the matter is not entirely clear, individual Non-U.S. Holders, and entities whose property is potentially includible in those individuals' gross estates for U.S. federal estate tax purposes (for example, a trust funded by such an individual and with respect to which the individual has retained certain interests or powers), should note that, absent an applicable treaty benefit, a Note is likely to be treated as U.S. situs property, subject to U.S. federal estate tax. These individuals and entities should consult their own tax advisors regarding the U.S. federal estate tax consequences of investing in a Note.

Backup Withholding and Information Reporting





Please see the discussion under "U.S. Federal Income Tax Considerations — General — Backup Withholding and Information Reporting" in the accompanying prospectus for a description of the applicability of the backup withholding and information reporting rules to payments made on the Notes.





Where You Can Find More Information

The terms and risks of the Notes are contained in this pricing supplement and in the following related product supplement, prospectus supplement and prospectus, which can be accessed at the following links:

- Product Supplement EQUITY-1 dated December 30, 2022:
<https://www.sec.gov/Archives/edgar/data/1682472/000119312522315473/d429684d424b2.htm>
- Series A MTN prospectus supplement dated December 30, 2022 and prospectus dated December 30, 2022:
<https://www.sec.gov/Archives/edgar/data/1682472/000119312522315195/d409418d424b3.htm>

This pricing supplement and the accompanying product supplement, prospectus supplement and prospectus have been filed as part of a registration statement with the SEC, which may, without cost, be accessed on the SEC website at www.sec.gov or obtained from BofAS by calling 1-800-294-1322. Before you invest, you should read this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus for information about us, BAC and this offering. Any prior or contemporaneous oral statements and any other written materials you may have received are superseded by this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus. Certain terms used but not defined in this pricing supplement have the meanings set forth in the accompanying product supplement or prospectus supplement. Unless otherwise indicated or unless the context requires otherwise, all references in this document to “we,” “us,” “our,” or similar references are to BofA Finance, and not to BAC.

The Notes are our senior debt securities. Any payments on the Notes are fully and unconditionally guaranteed by BAC. The Notes and the related guarantee are not insured by the Federal Deposit Insurance Corporation or secured by collateral. The Notes will rank equally in right of payment with all of our other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law. The related guarantee will rank equally in right of payment with all of BAC’s other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law, and senior to its subordinated obligations. Any payments due on the Notes, including any repayment of the principal amount, will be subject to the credit risk of BofA Finance, as issuer, and BAC, as guarantor.



