

**Item 1: Cover Page  
Part 2A of Form ADV: Firm Brochure  
December 2021**

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This brochure provides information about the qualifications and business practices of Graney & King, LLC. If clients have any questions about the contents of this brochure, please contact us at (518) 785-6400 or [eking@graneyking.com](mailto:eking@graneyking.com). The information in this brochure has not been approved or verified by the United States Securities and Exchange Commission or by any State Securities Authority. Additional information about our firm is also available on the SEC's website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) by searching CRD #126461.

Please note that the use of the term "registered investment adviser" and description of our firm and/or our associates as "registered" does not imply a certain level of skill or training. Clients are encouraged to review this Brochure and Brochure Supplements for our firm's associates who advise clients for more information on the qualifications of our firm and our employees.

## Item 2: Material Changes

Graney & King, LLC ("GK") is required to notify clients of any information that has changed since the last annual update of the Firm Brochure ("Brochure") that may be important to them. Clients can request a full copy of our Brochure or contact us with any questions that they may have about the changes.

Our firm has the following material changes to report:

1. Our firm is transitioning from state to SEC-registration and have updated all of the language to reflect SEC-status.
2. Our firm is now offering Asset Management services and offering LPL third-party programs. Please see Item 4 and Item 5 for further details.
3. Our firm has updated Item 7 to include the account minimums of each LPL Financial Sponsored Advisory Programs.
4. Our firm has updated Item 10 to remove Babylon Financial Group and included an insurance disclosure since our firms' representatives are also insurance licensed.
5. Our firm has updated Item 12 to disclose our custodial relationship with LPL Financial, Inc and disclosed the transition assistance our firm receives from LPL Financial, Inc.

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## Item 4: Advisory Business

Our firm is dedicated to providing individuals and other types of clients with a wide array of investment advisory services. Our firm is a limited liability company formed under the laws of the State of New York in 2002 and has been in business as an investment adviser since that time. Our firm is owned by Timothy Graney and Edward King.

The purpose of this Brochure is to disclose the conflicts of interest associated with the investment transactions, compensation and any other matters related to investment decisions made by our firm or its representatives. As a fiduciary, it is our duty to always act in the client's best interest. This is accomplished in part by knowing our client. Our firm has established a service-oriented advisory practice with open lines of communication for many different types of clients to help meet their financial goals while remaining sensitive to risk tolerance and time horizons. Working with clients to understand their investment objectives while educating them about our process, facilitates the kind of working relationship we value.

### **Types of Advisory Services Offered**

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#### **Asset Management**

GK emphasizes continuous and regular account supervision through the Strategic Wealth Management ("SWM") platform through LPL. As part of its asset management service, Adviser generally uses one of seven model portfolios within SWM, which are further described in Item 8, consisting of mutual funds, exchange traded funds ("ETFs"), and other public and private securities or investments. Individual stocks and bonds may also be used. The client's individual investment strategy is tailored to their specific needs and may include some or all of the previously mentioned securities. Each portfolio will be initially designed to meet a particular investment goal, which Adviser, through discussions with and inputs from the client, will determine to be suitable to the client's circumstances. Once the appropriate portfolio has been determined, Adviser will review the portfolio at least annually and if necessary, rebalance the portfolio based upon the client's individual needs, stated goals, and objectives. Each client has the opportunity to place reasonable restrictions on the types of investments to be held in the portfolio.

#### **LPL Financial Sponsored Advisory Programs**

##### Optimum Market Portfolios Program (OMP)

OMP offers clients the ability to participate in a professionally managed asset allocation program using Optimum Funds shares. Under OMP, client will authorize LPL on a discretionary basis to purchase and sell Optimum Funds pursuant to investment objectives chosen by the client. GK will assist the client in determining the suitability of OMP for the client and assist the client in setting an appropriate investment objective. GK will have discretion to select a mutual fund asset allocation portfolio designed by LPL consistent with the client's investment objective. LPL will have discretion to purchase and sell Optimum Funds pursuant to the portfolio selected for the client. LPL will also have authority to rebalance the account.

A minimum account value of \$10,000 is required for OMP. In certain instances, LPL will permit a lower minimum account size.

#### Personal Wealth Portfolios Program (PWP)

PWP offers clients an asset management account using asset allocation model portfolios designed by LPL. Advisor will have discretion for selecting the asset allocation model portfolio based on client's investment objective. GK will also have discretion for selecting third party money managers (PWP Advisors), mutual funds and ETFs within each asset class of the model portfolio. LPL will act as the overlay portfolio manager on all PWP accounts and will be authorized to purchase and sell on a discretionary basis mutual funds, ETFs and equity and fixed income securities.

A minimum account value of \$250,000 is required for PWP. In certain instances, LPL will permit a lower minimum account size.

#### Model Wealth Portfolios Program (MWP)

MWP offers clients a professionally managed mutual fund asset allocation program. Adviser will have discretion to select a model portfolio designed by LPL's Research Department consistent with the client's stated investment objective. LPL's Research Department is responsible for selecting the mutual funds within a model portfolio and for making changes to the mutual funds selected.

The client will authorize LPL to act on a discretionary basis to purchase and sell mutual funds (including in certain circumstances exchange traded funds) and to liquidate previously purchased securities. The client will also authorize LPL to effect rebalancing for MWP accounts.

In the future, the MWP program may make available model portfolios designed by strategists other than LPL's Research Department. If such models are made available, Adviser will have discretion to choose among the available models designed by LPL and outside strategists. A minimum account value of \$25,000 is required for MWP.

#### Manager Access Select (MAS) Program

Manager Access Select offers clients the ability to participate in the Separately Managed Account Platform (the "SMA Platform") or the Model Portfolio Platform (the "MP Platform"). In the SMA Platform, GK will assist client in identifying a third party portfolio manager (SMA Portfolio Manager) from a list of SMA Portfolio Managers made available by LPL, and the SMA Portfolio Manager manages client's assets on a discretionary basis. GK will provide initial and ongoing assistance regarding the SMA Portfolio Manager selection process. In the MP Platform, clients authorize LPL to direct the investment and reinvestment of the assets in their accounts, in accordance with the selected model portfolio provided by LPL's Research Department or a third-party investment advisor.

A minimum account value of \$50,000 is required for Manager Access Select, however, in certain instances, the minimum account size may be lower or higher.

Adviser receives compensation as a result of a client's participation in an LPL program. The compensation received depends on many factors including but not limited to, the size of the account, changes in its value over time, the ability to negotiate fees or commissions, and/or the number of

transactions. The amount of this compensation may be more or less than what Adviser would receive if the client participated in other programs, whether through LPL or another sponsor, or paid separately for investment advice, brokerage and other services.

### **Financial Planning & Consulting:**

Our firm provides a variety of standalone financial planning and consulting services to clients for the management of financial resources based upon an analysis of current situation, goals, and objectives. Financial planning services will typically involve preparing a financial plan or rendering a financial consultation for clients based on the client's financial goals and objectives. This planning or consulting may encompass Investment Planning, Retirement Planning, Estate Planning, Charitable Planning, Education Planning, Corporate and Personal Tax Planning, Cost Segregation Study, Corporate Structure, Real Estate Analysis, Mortgage/Debt Analysis, Insurance Analysis, Lines of Credit Evaluation, or Business and Personal Financial Planning.

Written financial plans or financial consultations rendered to clients usually include general recommendations for a course of activity or specific actions to be taken by the clients. Implementation of the recommendations will be at the discretion of the client. Our firm provides clients with a summary of their financial situation, and observations for financial planning engagements. Financial consultations are not typically accompanied by a written summary of observations and recommendations, as the process is less formal than the planning service. Assuming that all the information and documents requested from the client are provided promptly, plans or consultations are typically completed within 6 months of the client signing a contract with our firm.

### **Tailoring of Advisory Services**

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Our firm offers individualized investment advice to our Asset Management clients. General investment advice will be offered to our Financial Planning & Consulting clients.

Our firm does not usually allow Asset Management clients to impose restrictions on investing in certain securities or types of securities due to the level of difficulty this would entail in managing their account. Exceptions will be made on a case-by-case basis. Restrictions will be allowed on LPL's Sponsored Advisory Programs.

### **Participation in Wrap Fee Programs**

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Our firm does not offer or sponsor a wrap fee program.

### **Regulatory Assets Under Management**

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Our firm manages \$358,001,659 on a discretionary basis and \$0 on a non-discretionary basis as of December 8<sup>th</sup>, 2021.

## Item 5: Fees & Compensation

### Compensation for Our Advisory Services

#### Asset Management

The maximum annual fee to be charged to the client's account(s) will not exceed 1.75%. Clients wishing to utilize LPL Financial Sponsored Advisory Programs will be subject to a higher maximum fee. See LPL Financial Sponsored Advisory Programs for further details. The fee to be assessed to each account will be detailed in the client's signed advisory agreement, LPL Account Application or LPL Tiered Fee Authorization form. Fees are billed on a pro-rata basis quarterly in advance based on the value of the account(s) on the last day of the previous quarter. Fees are negotiable and will be deducted from the account(s). Adjustments will be made for deposits and withdrawals during the quarter. If accounts are opened during the quarter, the pro-rata advisory fees will be deducted during the next regularly scheduled billing cycle. In rare cases, our firm will agree to direct bill clients. As part of this process, Clients understand the following:

- a) LPL as the client's custodian sends statements at least quarterly, showing all disbursements for each account, including the amount of the advisory fees paid to our firm;
- b) Clients provide authorization permitting LPL to deduct these fees;
- c) LPL calculates the advisory fees for all fee schedules and deducts them from the client's account.

#### LPL Financial Sponsored Advisory Programs

| Programs                                   | Maximum Fee |
|--|-------------|
| Optimum Market Portfolios Program ("OMP")  | 2.50%       |
| Personal Wealth Portfolios Program ("PWP") | 2.50%       |
| Model Wealth Portfolios Program ("MWP")    | 2.65%*      |
| Manager Access Select ("MAS") Program      | 3.00%       |

Account fees are payable quarterly in advance. LPL serves as program sponsor, investment advisor and broker-dealer for the LPL advisory programs. GK and LPL may share in the account fee and other fees associated with program accounts. Therefore, the total fee disclosed above is a blend between LPL's and GK's fees. Associated persons of Advisor may also be registered representatives of LPL.

\* The MWP account fee consists of an LPL program fee, a strategist fee (if applicable) and an advisor fee of up to 2.00%. Accounts remaining under the legacy fee structure may be charged one aggregate account fee, for which the maximum account fee is 2.50%. See the MWP program brochure for more information.

#### Financial Planning & Consulting:

Our firm charges on an hourly or flat fee basis for financial planning and consulting services. The total estimated fee, as well as the ultimate fee charged, is based on the scope and complexity of our engagement with the client. The maximum hourly fee to be charged will not exceed \$475.00. Flat fees

will not exceed \$20,000. Our firm will not require a retainer exceeding \$1,200 when services cannot be rendered within 6 months.

### **Other Types of Fees & Expenses**

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Clients will incur transaction fees for trades executed by their chosen custodian, via individual transaction charges. These transaction fees are separate from our firm's advisory fees and will be disclosed by the chosen custodian.

LPL Financial offers a trading platform with select exchange traded funds ("ETFs") that do not charge transaction fees. The no-transaction-fee ETF trading platform is available to clients participating in LPL Financial's Strategic Wealth Management ("SWM") programs. Clients will be subject to transaction fees charged by LPL Financial for ETFs not included in LPL Financial's platform and for other types of securities. The limited number of ETFs available on LPL Financial's no-transaction fee platform may have higher overall expenses than other types of securities and ETFs not included in the platform. Other major custodians have eliminated transaction fees for all ETFs and U.S. listed equities, so clients may pay more for investing in the same securities at LPL Financial.

Clients may also pay holdings charges imposed by the chosen custodian for certain investments, charges imposed directly by a mutual fund, index fund, or exchange traded fund, which shall be disclosed in the fund's prospectus (e.g., fund management fees and other fund expenses), distribution fees, surrender charges, variable annuity fees, IRA and qualified retirement plan fees, mark-ups and mark-downs, spreads paid to market makers, fees for trades executed away from custodian, wire transfer fees and other fees and taxes on brokerage accounts and securities transactions. Our firm does not receive a portion of these fees.

### **Termination & Refunds**

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Either party may terminate the signed advisory agreement at any time. Upon receipt of your notice of termination, LPL will process a pro-rate refund of the unearned portion of the advisory fees charged in advance at the beginning of the quarter.

Financial Planning & Consulting clients may terminate their agreement at any time before the delivery of a financial plan by providing written notice. For purposes of calculating refunds, all work performed by us up to the point of termination shall be calculated at the hourly fee currently in effect. Clients will receive a pro-rata refund of unearned fees based on the time and effort expended by our firm.

### **Commissionable Securities Sales**

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Representatives of our firm are also associated with LPL as broker-dealer registered representatives ("Dually Registered Persons"). In their capacity as registered representatives of LPL, certain Dually Registered Persons may earn commissions for the sale of securities or investment products that they recommend for brokerage clients. They do not earn commissions on the sale of securities or investment products recommended or purchased in advisory accounts through our firm. Clients have the option of purchasing many of the securities and investment products made available through another broker-dealer or investment adviser. When purchasing these securities and investment products away from our firm, however, Clients will not receive the benefit of the advice and other services we provide.



## Item 6: Performance-Based Fees & Side-By-Side Management

Our firm does not charge performance-based fees.

## Item 7: Types of Clients & Account Requirements

Our firm has the following types of clients:

- Individuals and High Net Worth Individuals;
- Trusts, Estates or Charitable Organizations;

Our firm does not impose requirements for opening and maintaining accounts or otherwise engaging us.

Our LPL Financial Sponsored Advisory Programs may have specific account minimums required to partake in the program. Please see Item 4 for further information.

## Item 8: Methods of Analysis, Investment Strategies & Risk of Loss

### Methods of Analysis

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Securities analysis methods rely on the assumption that the companies whose securities are purchased and/or sold, the rating agencies that review these securities, and other publicly-available sources of information about these securities, are providing accurate and unbiased data. While our firm is alert to indications that data may be incorrect, there is always a risk that our firm's analysis may be compromised by inaccurate or misleading information.

**Fundamental Analysis:** The analysis of a business's financial statements (usually to analyze the business's assets, liabilities, and earnings), health, and its competitors and markets. When analyzing a stock, futures contract, or currency using fundamental analysis there are two basic approaches one can use: bottom up analysis and top down analysis. The terms are used to distinguish such analysis from other types of investment analysis, such as quantitative and technical. Fundamental analysis is performed on historical and present data, but with the goal of making financial forecasts. There are several possible objectives: (a) to conduct a company stock valuation and predict its probable price evolution; (b) to make a projection on its business performance; (c) to evaluate its management and make internal business decisions; (d) and/or to calculate its credit risk; and (e) to find out the intrinsic value of the share.

When the objective of the analysis is to determine what stock to buy and at what price, there are two basic methodologies investors rely upon: (a) Fundamental analysis maintains that markets may misprice a security in the short run but that the "correct" price will eventually be reached. Profits can be made by purchasing the mispriced security and then waiting for the market to recognize its

"mistake" and reprice the security.; and (b) Technical analysis maintains that all information is reflected already in the price of a security. Technical analysts analyze trends and believe that sentiment changes predate and predict trend changes. Investors' emotional responses to price movements lead to recognizable price chart patterns. Technical analysts also analyze historical trends to predict future price movement. Investors can use one or both of these different but complementary methods for stock picking. This presents a potential risk, as the price of a security can move up or down along with the overall market regardless of the economic and financial factors considered in evaluating the stock.

**Modern Portfolio Theory ("MPT"):** A mathematical framework for assembling a portfolio of assets such that the expected return is maximized for a given level of risk, defined as variance. Its key insight is that an asset's risk and return should not be assessed by itself, but by how it contributes to a portfolio's overall risk and return. MPT assumes that investors are risk averse, meaning that given two portfolios that offer the same expected return, investors will prefer the less risky one. Thus, an investor will take on increased risk only if compensated by higher expected returns. Conversely, an investor who wants higher expected returns must accept more risk. The exact trade-off will be the same for all investors, but different investors will evaluate the trade-off differently based on individual risk aversion characteristics. The implication is that a rational investor will not invest in a portfolio if a second portfolio exists with a more favorable risk-expected return profile – i.e., if for that level of risk an alternative portfolio exists that has better expected returns.

The risk, return, and correlation measures used by MPT are based on expected values, which means that they are mathematical statements about the future (the expected value of returns is explicit in the above equations, and implicit in the definitions of variance and covariance). In practice, investors must substitute predictions based on historical measurements of asset return and volatility for these values in the equations. Very often such expected values fail to take account of new circumstances that did not exist when the historical data were generated. Mathematical risk measurements are also useful only to the degree that they reflect investors' true concerns—there is no point minimizing a variable that nobody cares about in practice. MPT uses the mathematical concept of variance to quantify risk, and this might be justified under the assumption of elliptically distributed returns such as normally distributed returns, but for general return distributions other risk measures (like coherent risk measures) might better reflect investors' true preferences.

**Mutual Fund and/or Exchange Traded Fund ("ETF") Analysis:** Analysis of the experience and track record of the manager of the mutual fund or ETF in an attempt to determine if that manager has demonstrated an ability to invest over a period of time and in different economic conditions. The underlying assets in a mutual fund or ETF are also reviewed in an attempt to determine if there is significant overlap in the underlying investments held in another fund(s) in the Client's portfolio. The funds or ETFs are monitored in an attempt to determine if they are continuing to follow their stated investment strategy. A risk of mutual fund and/or ETF analysis is that, as in all securities investments, past performance does not guarantee future results. A manager who has been successful may not be able to replicate that success in the future. In addition, as our firm does not control the underlying investments in a fund or ETF, managers of different funds held by the Client may purchase the same security, increasing the risk to the Client if that security were to fall in value. There is also a risk that a manager may deviate from the stated investment mandate or strategy of the fund or ETF, which could make the holding(s) less suitable for the Client's portfolio.

## **Investment Strategies We Use**

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We use the following strategies in managing client accounts, provided that such strategies are appropriate to the needs of the client and consistent with the client's investment objectives, risk tolerance, and time horizons, among other considerations:

**Asset Allocation:** The implementation of an investment strategy that attempts to balance risk versus reward by adjusting the percentage of each asset in an investment portfolio according to the investor's risk tolerance, goals and investment time frame. Asset allocation is based on the principle that different assets perform differently in different market and economic conditions. A fundamental justification for asset allocation is the notion that different asset classes offer returns that are not perfectly correlated, hence diversification reduces the overall risk in terms of the variability of returns for a given level of expected return. Although risk is reduced as long as correlations are not perfect, it is typically forecast (wholly or in part) based on statistical relationships (like correlation and variance) that existed over some past period. Expectations for return are often derived in the same way.

An asset class is a group of economic resources sharing similar characteristics, such as riskiness and return. There are many types of assets that may or may not be included in an asset allocation strategy. The "traditional" asset classes are stocks (value, dividend, growth, or sector-specific [or a "blend" of any two or more of the preceding]; large-cap versus mid-cap, small-cap or micro-cap; domestic, foreign [developed], emerging or frontier markets), bonds (fixed income securities more generally: investment-grade or junk [high-yield]; government or corporate; short-term, intermediate, long-term; domestic, foreign, emerging markets), and cash or cash equivalents. Allocation among these three provides a starting point. Usually included are hybrid instruments such as convertible bonds and preferred stocks, counting as a mixture of bonds and stocks. Other alternative assets that may be considered include: commodities: precious metals, nonferrous metals, agriculture, energy, others.; Commercial or residential real estate (also REITs); Collectibles such as art, coins, or stamps; insurance products (annuity, life settlements, catastrophe bonds, personal life insurance products, etc.); derivatives such as long-short or market neutral strategies, options, collateralized debt, and futures; foreign currency; venture capital; private equity; and/or distressed securities.

There are several types of asset allocation strategies based on investment goals, risk tolerance, time frames and diversification. The most common forms of asset allocation are: strategic, dynamic, tactical, and core-satellite.

- **Strategic Asset Allocation:** The primary goal of a strategic asset allocation is to create an asset mix that seeks to provide the optimal balance between expected risk and return for a long-term investment horizon. Generally speaking, strategic asset allocation strategies are agnostic to economic environments, i.e., they do not change their allocation postures relative to changing market or economic conditions.
- **Dynamic Asset Allocation:** Dynamic asset allocation is similar to strategic asset allocation in that portfolios are built by allocating to an asset mix that seeks to provide the optimal balance between expected risk and return for a long-term investment horizon. Like strategic allocation strategies, dynamic strategies largely retain exposure to their original asset classes; however, unlike strategic strategies, dynamic asset allocation portfolios will adjust their postures over time relative to changes in the economic environment.
- **Tactical Asset Allocation:** Tactical asset allocation is a strategy in which an investor takes a more active approach that tries to position a portfolio into those assets, sectors, or individual stocks that show the most potential for perceived gains. While an original asset mix is formulated much like strategic and dynamic portfolio, tactical strategies are often traded more actively and are free to move entirely in and out of their core asset classes
- **Core-Satellite Asset Allocation:** Core-Satellite allocation strategies generally contain a 'core' strategic element making up the most significant portion of the portfolio, while applying a

dynamic or tactical 'satellite' strategy that makes up a smaller part of the portfolio. In this way, core-satellite allocation strategies are a hybrid of the strategic and dynamic/tactical allocation strategies mentioned above.

**Bond Funds:** A fund that invests in bonds, or other debt securities. Bond funds can be contrasted with stock funds and money funds. Bond funds typically pay periodic dividends that include interest payments on the fund's underlying securities plus periodic realized capital appreciation. Bond funds typically pay higher dividends than a certificate of deposit ("CD") and money market accounts. Most bond funds pay out dividends more frequently than individual bonds.

Bond Funds can be classified by their primary underlying assets: (a) Government: Government bonds are considered safest, since a government can always "print more money" to pay its debt. In the United States, these are United States Treasury securities or Treasuries. Due to the safety, the yields are typically low.; (b) Agency: In the United States, these are bonds issued by government agencies such as the Government National Mortgage Association (Ginnie Mae), Federal Home Loan Mortgage Corp. (Freddie Mac), and Federal National Mortgage Association (Fannie Mae).; (c) Municipal: Bonds issued by state and local governments and agencies are subject to certain tax preferences and are typically exempt from federal taxes. In some cases, these bonds are even exempt from state or local taxes.; and (d) Corporate: Bonds are issued by corporations. All corporate bonds are guaranteed by the borrowing (issuing) company, and the risk depends on the company's ability to pay the loan at maturity. Some bond funds specialize in high-yield securities (junk bonds), which are corporate bonds carrying a higher risk, due to the potential inability of the issuer to repay the bond. Bond funds specializing in junk bonds – also known as "below investment-grade bonds" – pay higher dividends than other bond funds, with the dividend return correlating approximately with the risk. Bond funds may also be classified by factors such as type of yield (high income) or term (short, medium, long) or some other specialty such as zero-coupon bonds, international bonds, multisector bonds or convertible bonds.

Fund managers provide dedicated management and save the individual investor from researching issuer creditworthiness, maturity, price, face value, coupon rate, yield, and countless other factors that affect bond investing. Bond funds invest in many individual bonds, so that even a relatively small investment is diversified—and when an underperforming bond is just one of many bonds in a fund, its negative impact on an investor's overall portfolio is lessened. In a fund, income from all bonds can be reinvested automatically and consistently added to the value of the fund. Investors can sell shares in a bond fund at any time without regard to bond maturities.

Bond funds typically charge a fee, often as a percentage of the total investment amount. This fee is not applicable to individually held bonds. Bond fund dividend payments may not be fixed as with the interest payments of an individually held bond, leading to potential fluctuation of the value of dividend payments. The net asset value ("NAV") of a bond fund may change over time, unlike an individual bond in which the total issue price will be returned upon maturity (provided the bond issuer does not default).

**Closed-End Fund:** A collective investment model based on issuing a fixed number of shares which are not redeemable from the fund. Unlike open-end funds, new shares in a closed-end fund are not created by managers to meet demand from investors. Instead, the shares can be purchased and sold only in the market. This is the original design of the mutual fund which predates open-end mutual funds but offers the same actively managed pooled investments. In the United States, closed-end funds sold publicly must be registered under both the Securities Act of 1933 and the Investment Company Act of 1940. Closed-end funds are usually listed on a recognized stock exchange and can be bought and sold on that exchange. The price per share is determined by the market and is usually

different from the underlying value or net asset value ("NAV") per share of the investments held by the fund. The price is said to be at a discount or premium to the NAV when it is below or above the NAV, respectively. A premium might be due to the market's confidence in the investment managers' ability or the underlying securities to produce above-market returns. A discount might reflect the charges to be deducted from the fund in future by the managers, uncertainty due to high amounts of leverage, concerns related to liquidity or lack of investor confidence in the underlying securities.

A closed-end fund differs from an open-end mutual fund in that: (a) It is closed to new capital after it begins operating.; (b) Its shares (typically) trade on stock exchanges rather than being redeemed directly by the fund.; (c) Its shares can therefore be traded at any time during market opening hours. An open-end fund can usually be traded only at a time of day specified by the managers, and the dealing price will usually not be known in advance.; (d) It usually trades at a premium or discount to its net asset value. An open-end fund trades at its net asset value (to which sales charges may be added; and adjustments may be made for e.g. the frictional costs of purchasing or selling the underlying investments).; and (e) In the United States, a closed-end company can own unlisted securities. Another distinguishing feature of a closed-end fund is the common use of leverage. In doing so, the fund manager hopes to earn a higher return with this additional invested capital. This additional capital can be raised by issuing auction rate securities, preferred stock, long-term debt, or reverse-repurchase agreements.

Closed-end fund shares are traded throughout market opening hours at whatever price the market will support. It may be possible to deal using advanced types of orders such as limit orders and stop orders. This is in contrast to some open-end funds which are only available for buying and selling at the close of business each day, at the calculated NAV, and for which orders must be placed in advance, before the NAV is known, and by simple buy or sell orders. Some funds require that orders be placed hours or days in advance, in order to simplify their administration, make it easier to match buyers with sellers, and eliminate the possibility of arbitrage (for example if the fund holds investments which are traded in other time zones).

Like a company going public, a closed-end fund will have an initial public offering ("IPO") of its shares at which it will sell for a specific dollar amount each. At that point, the fund's shares will begin to trade on a secondary market, typically the New York Stock Exchange or the NYSE MKT LLC (formerly known as the American Stock Exchange [AMEX]) for American closed-end funds. Any investor who subsequently wishes to buy or sell fund shares will do so on the secondary market. In normal circumstances, closed-end funds do not redeem their own shares. Nor, typically, do they sell more shares after the IPO (although they may issue preferred stock, in essence taking out a loan secured by the portfolio). In general, closed-end funds cannot issue securities for services or property other than cash or securities.

Closed-end funds are traded on exchanges and in that respect they are like exchange-traded funds ("ETFs"), but there are important differences between these two kinds of security. The price of a closed-end fund is completely determined by the valuation of the market, and this price often diverges substantially from the NAV of the fund assets. In contrast, the market price of an ETF trades in a narrow range very close to its net asset value, because the structure of ETFs allows major market participants to redeem shares of an ETF for a "basket" of the fund's underlying assets. This feature could in theory lead to potential arbitrage profits if the market price of the ETF were to diverge substantially from its NAV.

The typical associated risks are: (a) Securities may decline in value due to factors affecting securities markets generally or particular industries. The value of a trust/fund may be worth less than the

original investment.; (b) Common shares may trade above (a premium) or below (a discount) the net asset value (NAV) of the trust/fund's portfolio. At times, discounts could widen or premiums could shrink, which could either dilute positive performance or compound negative performance. There is no assurance that discounted funds will appreciate to their NAV.; (c) Generally, when market interest rates rise, bond prices fall, and vice versa. Interest rate risk is the risk that the bonds and/or other income-related instruments in a fund's portfolio will decline in value because of increases in market interest rates. The prices of longer-maturity securities tend to fluctuate more than shorter-term security prices.; (d) One or more securities in a trust/fund's portfolio could decline or fail to pay interest or principal when due. Income-related securities of below investment grade quality are predominately speculative with respect to the issuer's capacity to pay interest and repay principal when due and, therefore, involve a greater risk of default.; (e) A trust/fund that invests a substantial portion of its assets in securities within a single industry or sector of the economy may be subject to greater price volatility or adversely affected by the performance of securities in that particular sector or industry.; (f) Income from a trust/fund's bond portfolio will decline when the trust/fund invests the proceeds from matured, traded, or called bonds at market interest rates that are below the portfolio's current earnings rate. A decline in income could affect the common shares' market price or their overall returns.; (g) The use of leverage may lead to increased volatility of a trust/fund's NAV and market price relative to its common shares. Leverage is likely to magnify any losses in the trust/fund's portfolio, which may lead to increased market price declines. Fluctuations in interest rates on borrowings or the dividend rates on preferred shares that take place from changes in short-term interest rates may reduce the return to common shareholders or result in fluctuations in the dividends paid on common shares. There is no assurance that a leveraging strategy will be successful.; (h) Investment in foreign securities (both governmental and corporate) may involve a high degree of risk. Trusts/funds invested in foreign securities are subject to additional risks such as, but not limited to, currency risk and exchange-rate risk, political instability, and economic instability of the countries from where the securities originate. In regards to debt securities, such risks may impair the timely payment of principal and/or interest.; (i) A trust/fund may invest in securities subject to the alternative minimum tax.; and (j) The composition of the trust/fund's portfolio could change, which, all else being equal, could cause a reduction in dividends paid to common shares. Certain closed-end funds invest in common stocks. There is no guarantee of dividends from these common stocks. Fluctuations in dividend levels over time, up and down, are to be expected.

**Corporate Debt & Municipal Securities:** Debt is issued by federal, state and foreign governments, municipalities and corporations to finance their operations. Debt obligations offer limited participation in the upside of a business. In exchange holders receive interest and a position that is generally senior to equity in a bankruptcy. Municipal securities are backed by either the full faith and credit of the issuer (General Obligation) or by revenue generated by a specific project (Revenue) for which the securities were issued. The latter type of securities could quickly lose value or even become virtually worthless if the expected project revenue does not meet expectations.

**Debt Securities (Bonds):** Issuers use debt securities to borrow money. Generally, issuers pay investors periodic interest and repay the amount borrowed either periodically during the life of the security and/or at maturity. Alternatively, investors can purchase other debt securities, such as zero coupon bonds, which do not pay current interest, but rather are priced at a discount from their face values and their values accrete over time to face value at maturity. The market prices of debt securities fluctuate depending on such factors as interest rates, credit quality, and maturity. In general, market prices of debt securities decline when interest rates rise and increase when interest rates fall. Bonds with longer rates of maturity tend to have greater interest rate risks.

Certain additional risk factors relating to debt securities include: (a) When interest rates are declining, investors have to reinvest their interest income and any return of principal, whether scheduled or unscheduled, at lower prevailing rates.; (b) Inflation causes tomorrow's dollar to be worth less than today's; in other words, it reduces the purchasing power of a bond investor's future interest payments and principal, collectively known as "cash flows." Inflation also leads to higher interest rates, which in turn leads to lower bond prices.; (c) Debt securities may be sensitive to economic changes, political and corporate developments, and interest rate changes. Investors can also expect periods of economic change and uncertainty, which can result in increased volatility of market prices and yields of certain debt securities. For example, prices of these securities can be affected by financial contracts held by the issuer or third parties (such as derivatives) relating to the security or other assets or indices. (d) Debt securities may contain redemption or call provisions entitling their issuers to redeem them at a specified price on a date prior to maturity. If an issuer exercises these provisions in a lower interest rate market, the account would have to replace the security with a lower yielding security, resulting in decreased income to investors. Usually, a bond is called at or close to par value. This subjects investors that paid a premium for their bond risk of lost principal. In reality, prices of callable bonds are unlikely to move much above the call price if lower interest rates make the bond likely to be called.; (e) If the issuer of a debt security defaults on its obligations to pay interest or principal or is the subject of bankruptcy proceedings, the account may incur losses or expenses in seeking recovery of amounts owed to it.; (f) There may be little trading in the secondary market for particular debt securities, which may affect adversely the account's ability to value accurately or dispose of such debt securities. Adverse publicity and investor perceptions, whether or not based on fundamental analysis, may decrease the value and/or liquidity of debt securities.

Our firm attempts to reduce the risks described above through diversification of the client's portfolio and by credit analysis of each issuer, as well as by monitoring broad economic trends and corporate and legislative developments, but there can be no assurance that our firm will be successful in doing so. Credit ratings for debt securities provided by rating agencies reflect an evaluation of the safety of principal and interest payments, not market value risk. The rating of an issuer is a rating agency's view of past and future potential developments related to the issuer and may not necessarily reflect actual outcomes. There can be a lag between the time of developments relating to an issuer and the time a rating is assigned and updated.

**Exchange Traded Funds ("ETFs"):** An ETF is a type of Investment Company (usually, an open-end fund or unit investment trust) whose primary objective is to achieve the same return as a particular market index. The vast majority of ETFs are designed to track an index, so their performance is close to that of an index mutual fund, but they are not exact duplicates. A tracking error, or the difference between the returns of a fund and the returns of the index, can arise due to differences in composition, management fees, expenses, and handling of dividends. ETFs benefit from continuous pricing; they can be bought and sold on a stock exchange throughout the trading day. Because ETFs trade like stocks, you can place orders just like with individual stocks - such as limit orders, good-until-canceled orders, stop loss orders etc. They can also be sold short. Traditional mutual funds are bought and redeemed based on their net asset values ("NAV") at the end of the day. ETFs are bought and sold at the market prices on the exchanges, which resemble the underlying NAV but are independent of it. However, arbitrageurs will ensure that ETF prices are kept very close to the NAV of the underlying securities. Although an investor can buy as few as one share of an ETF, most buy in board lots. Anything bought in less than a board lot will increase the cost to the investor. Anyone can buy any ETF no matter where in the world it trades. This provides a benefit over mutual funds, which generally can only be bought in the country in which they are registered.

One of the main features of ETFs are their low annual fees, especially when compared to traditional mutual funds. The passive nature of index investing, reduced marketing, and distribution and accounting expenses all contribute to the lower fees. However, individual investors must pay a brokerage commission to purchase and sell ETF shares; for those investors who trade frequently, this can significantly increase the cost of investing in ETFs. That said, with the advent of low-cost brokerage fees, small or frequent purchases of ETFs are becoming more cost efficient.

**Equity Securities:** Equity securities represent an ownership position in a company. Equity securities typically consist of common stocks. The prices of equity securities fluctuate based on, among other things, events specific to their issuers and market, economic and other conditions. For example, prices of these securities can be affected by financial contracts held by the issuer or third parties (such as derivatives) relating to the security or other assets or indices. There may be little trading in the secondary market for particular equity securities, which may adversely affect our firm's ability to value accurately or dispose of such equity securities. Adverse publicity and investor perceptions, whether or not based on fundamental analysis, may decrease the value and/or liquidity of equity securities. Investing in smaller companies may pose additional risks as it is often more difficult to value or dispose of small company stocks, more difficult to obtain information about smaller companies, and the prices of their stocks may be more volatile than stocks of larger, more established companies. Clients should have a long-term perspective and, for example, be able to tolerate potentially sharp declines in value.

**Fixed Income:** Fixed income is a type of investing or budgeting style for which real return rates or periodic income is received at regular intervals and at reasonably predictable levels. Fixed-income investors are typically retired individuals who rely on their investments to provide a regular, stable income stream. This demographic tends to invest heavily in fixed-income investments because of the reliable returns they offer. Fixed-income investors who live on set amounts of periodically paid income face the risk of inflation eroding their spending power.

Some examples of fixed-income investments include treasuries, money market instruments, corporate bonds, asset-backed securities, municipal bonds and international bonds. The primary risk associated with fixed-income investments is the borrower defaulting on his payment. Other considerations include exchange rate risk for international bonds and interest rate risk for longer-dated securities. The most common type of fixed-income security is a bond. Bonds are issued by federal governments, local municipalities and major corporations. Fixed-income securities are recommended for investors seeking a diverse portfolio; however, the percentage of the portfolio dedicated to fixed income depends on your own personal investment style. There is also an opportunity to diversify the fixed-income component of a portfolio. Riskier fixed-income products, such as junk bonds and longer-dated products, should comprise a lower percentage of your overall portfolio.

The interest payment on fixed-income securities is considered regular income and is determined based on the creditworthiness of the borrower and current market rates. In general, bonds and fixed-income securities with longer-dated maturities pay a higher rate, also referred to as the coupon rate, because they are considered riskier. The longer the security is on the market, the more time it has to lose its value and/or default. At the end of the bond term, or at bond maturity, the borrower returns the amount borrowed, also referred to as the principal or par value.

**Index Fund:** A mutual fund or exchange-traded fund ("ETF") designed to follow certain preset rules so that the fund can track specified basket of underlying investments. Those rules may include tracking prominent indexes like the S&P 500 or the Dow Jones Industrial Average or implementation



rules, such as tax-management, tracking error minimization, large block trading or patient/flexible trading strategies that allows for greater tracking error, but lower market impact costs. Index funds may also have rules that screen for social and sustainable criteria. An index fund's rules of construction clearly identify the type of companies suitable for the fund. The most commonly known index fund, the S&P 500 Index Fund, is based on the rules established by S&P Dow Jones Indices for their S&P 500 Index. Equity index funds would include groups of stocks with similar characteristics such as the size, value, profitability and/or the geographic location of the companies. A group of stocks may include companies from the United States, Non-US Developed, emerging markets or Frontier Market countries. Additional index funds within these geographic markets may include indexes of companies that include rules based on company characteristics or factors, such as companies that are small, mid-sized, large, small value, large value, small growth, large growth, the level of gross profitability or investment capital, real estate, or indexes based on commodities and fixed-income. Companies are purchased and held within the index fund when they meet the specific index rules or parameters and are sold when they move outside of those rules or parameters. Think of an index fund as an investment utilizing rules-based investing. Some index providers announce changes of the companies in their index before the change date and other index providers do not make such announcements.

Index funds must periodically "rebalance" or adjust their portfolios to match the new prices and market capitalization of the underlying securities in the stock or other indexes that they track. This allows algorithmic traders to perform index arbitrage by anticipating and trading ahead of stock price movements caused by mutual fund rebalancing, making a profit on foreknowledge of the large institutional block orders. This results in profits transferred from investors to algorithmic traders. One problem occurs when a large amount of money tracks the same index. According to theory, a company should not be worth more when it is in an index. But due to supply and demand, a company being added can have a demand shock, and a company being deleted can have a supply shock, and this will change the price. This does not show up in tracking error since the index is also affected. A fund may experience less impact by tracking a less popular index

**Individual Stocks:** A common stock is a security that represents ownership in a corporation. Holders of common stock exercise control by electing a board of directors and voting on corporate policy. Investing in individual common stocks provides us with more control of what you are invested in and when that investment is made. Having the ability to decide when to buy or sell helps us time the taking of gains or losses. Common stocks, however, bear a greater amount of risk when compared to certificate of deposits, preferred stock and bonds. It is typically more difficult to achieve diversification when investing in individual common stocks. Additionally, common stockholders are on the bottom of the priority ladder for ownership structure; if a company goes bankrupt, the common stockholders do not receive their money until the creditors and preferred shareholders have received their respective share of the leftover assets.

**Long-Term Purchases:** Our firm may buy securities for your account and hold them for a relatively long time (more than a year) in anticipation that the security's value will appreciate over a long horizon. The risk of this strategy is that our firm could miss out on potential short-term gains that could have been profitable to your account, or it's possible that the security's value may decline sharply before our firm makes a decision to sell.

**Margin Transactions:** Our firm may purchase securities for your portfolio with money borrowed from your brokerage account. This allows you to purchase more stock than you would be able to with your available cash and allows us to purchase securities without selling other holdings. Margin accounts and transactions are risky and not necessarily appropriate for every client. It should be

noted that our firm bills advisory fees on securities purchased on margin which creates a financial incentive for us to utilize margin in client accounts.

The potential risks associated with these transactions are (1) You can lose more funds than are deposited into the margin account; (2) the forced sale of securities or other assets in your account; (3) the sale of securities or other assets without contacting you; (4) you may not be entitled to choose which securities or other assets in your account(s) are liquidated or sold to meet a margin call; and (5) custodians charge interest on margin balances which will reduce your returns over time.

**Money Market Fund:** Money market funds have relatively low risks, compared to other mutual funds (and most other investments). By law, they can invest in only certain high quality, short-term investments issued by the U.S. Government, U.S. corporations, and state and local governments. Money market funds try to keep their net asset value (NAV), which represents the value of one share in a fund, at a stable \$1.00 per share. However, the NAV may fall below \$1.00 if the fund's investments perform poorly. Investor losses have been rare, but they are possible. Money market funds pay dividends that generally reflect short-term interest rates, and historically, the returns for money market funds have been lower than for either bond or stock funds. That is why "inflation risk," the risk that inflation, will outpace and erode investment returns over time, and can be a potential concern for investors in money market funds.

**Mutual Funds:** A mutual fund is a company that pools money from many investors and invests that money in a variety of differing security types based on the objectives of the fund. The portfolio of the fund consists of the combined holdings it owns. Each share represents an investor's proportionate ownership of the fund's holdings and the income those holdings generate. The price that investors pay for mutual fund shares are the fund's per share net asset value ("NAV") plus any shareholder fees that the fund imposes at the time of purchase (such as sales loads). Investors typically cannot ascertain the exact make-up of a fund's portfolio at any given time, nor can they directly influence which securities the fund manager buys and sells or the timing of those trades. With an individual stock, investors can obtain real-time (or close to real-time) pricing information with relative ease by checking financial websites or by calling a broker or your investment adviser. Investors can also monitor how a stock's price changes from hour to hour—or even second to second. By contrast, with a mutual fund, the price at which an investor purchases or redeems shares will typically depend on the fund's NAV, which is calculated daily after market close.

The benefits of investing through mutual funds include: (a) Mutual funds are professionally managed by an investment adviser who researches, selects, and monitors the performance of the securities purchased by the fund; (b) Mutual funds typically have the benefit of diversification, which is an investing strategy that generally sums up as "Don't put all your eggs in one basket." Spreading investments across a wide range of companies and industry sectors can help lower the risk if a company or sector fails. Some investors find it easier to achieve diversification through ownership of mutual funds rather than through ownership of individual stocks or bonds.; (c) Some mutual funds accommodate investors who do not have a lot of money to invest by setting relatively low dollar amounts for initial purchases, subsequent monthly purchases, or both.; and (d) At any time, mutual fund investors can readily redeem their shares at the current NAV, less any fees and charges assessed on redemption.

Mutual funds also have features that some investors might view as disadvantages: (a) Investors must pay sales charges, annual fees, and other expenses regardless of how the fund performs. Depending on the timing of their investment, investors may also have to pay taxes on any capital gains distributions they receive. This includes instances where the fund performed poorly after purchasing

shares.; (b) Investors typically cannot ascertain the exact make-up of a fund's portfolio at any given time, nor can they directly influence which securities the fund manager buys and sells or the timing of those trades.; and (c) With an individual stock, investors can obtain real-time (or close to real-time) pricing information with relative ease by checking financial websites or by calling a broker or your investment adviser. Investors can also monitor how a stock's price changes from hour to hour—or even second to second. By contrast, with a mutual fund, the price at which an investor purchases or redeems shares will typically depend on the fund's NAV, which the fund might not calculate until many hours after the investor placed the order. In general, mutual funds must calculate their NAV at least once every business day, typically after the major U.S. exchanges close.

When investors buy and hold an individual stock or bond, the investor must pay income tax each year on the dividends or interest the investor receives. However, the investor will not have to pay any capital gains tax until the investor actually sells and makes a profit. Mutual funds, however, are different. When an investor buys and holds mutual fund shares, the investor will owe income tax on any ordinary dividends in the year the investor receives or reinvests them. Moreover, in addition to owing taxes on any personal capital gains when the investor sells shares, the investor may have to pay taxes each year on the fund's capital gains. That is because the law requires mutual funds to distribute capital gains to shareholders if they sell securities for a profit, and cannot use losses to offset these gains.

**Municipal Bond:** Municipal bonds are debt obligations generally issued to obtain funds for various public purposes, including the construction of public facilities. Municipal bonds pay a lower rate of return than most other types of bonds. Because of a municipal bond's tax-favored status, investors should compare the relative after-tax return to the after-tax return of other bonds, depending on the investor's tax bracket. Investing in municipal bonds carries the same general risks as investing in bonds in general. Those risks include interest rate risk, reinvestment risk, inflation risk, market risk, call or redemption risk, credit risk, and liquidity and valuation risk. Investing in municipal bonds carries risk unique to these types of bonds, which may include: (a) Legislative risk includes the risk that a change in the tax code could affect the value of taxable or tax-exempt interest income.; (b) Municipal bonds generate tax-free income, and therefore pay lower interest rates than taxable bonds. Investors who anticipate a significant drop in their marginal income-tax rate may benefit from the higher yield available from taxable bonds.; (c) The risk that investors may have difficulty finding a buyer when they want to sell and may be forced to sell at a significant discount to market value. Liquidity risk is greater for thinly traded securities such as lower-rated bonds, bonds that were part of a small issue, bonds that have recently had their credit rating downgraded or bonds sold by an infrequent issuer. Municipal bonds may be less liquid than other bonds.; (d) Credit risk includes the risk that a borrower will be unable to make interest or principal payments when they are due and therefore default. To reduce investor concern, insurance policies that guarantee repayment in the event of default back many municipal bonds.

**Municipal Bond of a Particular State:** Municipal bonds are debt obligations generally issued to obtain funds for various public purposes, including the construction of public facilities. Because the fund invests in securities issued by California municipalities, the fund is more susceptible to factors adversely affecting issuers of California securities than a comparable municipal bond mutual fund that does not concentrate its investments in a single state. For example, in the past, California voters have passed amendments to the state's constitution and other measures that limit the taxing and spending authority of California governmental entities, and future voter initiatives may adversely affect California municipal bonds.

**Open-End Fund:** An open-end fund is a type of mutual fund that does not have restrictions on the amount of shares the fund can issue. The majority of mutual funds are open-end, providing investors with a useful and convenient investing vehicle. When a fund's investment manager(s) determine that a fund's total assets have become too large to effectively execute its stated objective, the fund will be closed to new investors, and in extreme cases, will be closed to new investment by existing fund investors. An open-end fund is a mutual fund issuing unlimited shares of investments in stocks and/or bonds. Purchasing shares creates new ones, whereas selling shares takes them out of circulation. Shares are bought and sold on demand at their net asset value ("NAV"), which is based on the value of the fund's underlying securities and is calculated at the end of the trading day. When a large number of shares are redeemed, the fund may sell some of its investments to pay the investor. An open-end fund has unlimited shares issued by the fund, do not trade on an exchange, are less liquid, and are priced at the NAV at the trading day's end. Open-end funds must maintain cash reserves to meet redemptions. Open-end funds typically provide more security, whereas closed-end funds often provide a bigger return.

There may be a percentage charge levied on the purchase of shares or units. Some of these fees are called an initial charge (UK) or 'front-end load' (US). Some fees are charged by a fund on the sale of these units, called a 'close-end load' or 'back-end load' that may be waived after several years of owning the fund. Some of the fees cover the cost of distributing the fund by paying commission to the adviser or broker that arranged the purchase. These fund fees and expenses are commonly referred to as 12b-1 fees in US. Not all funds have initial charges; if there are no such charges levied, the fund is 'no-load' (US). These charges may represent profit for the fund manager or go back into the fund.

**Passive Investment Management:** Passive investing involves building portfolios that are comprised of various distinct asset classes. The asset classes are weighted in a manner to achieve a desired relationship between correlation, risk and return. Funds that passively capture the returns of the desired asset classes are placed in the portfolio. The funds that are used to build passive portfolios are typically index mutual funds or exchange traded funds. Passive investment management is characterized by low portfolio expenses (i.e. the funds inside the portfolio have low internal costs), minimal trading costs (due to infrequent trading activity), and relative tax efficiency (because the funds inside the portfolio are tax efficient and turnover inside the portfolio is minimal).

In contrast, active management involves a single manager or managers who employ some method, strategy or technique to construct a portfolio that is intended to generate returns that are greater than the broader market or a designated benchmark. Academic research indicates most active managers underperform the market.

**Sector Allocation:** Our firm allocates client assets to various sectors of the fixed income market, including US Treasury obligations, federal agency securities, corporate notes, mortgage-backed securities and others, based on our quantitative and qualitative analysis in order to manage client exposure to a given sector and to provide exposure to sectors our firm believes to have good value. The risk of sector allocation is that clients may not participate fully in an increase in value in any specific sector.

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## **Risk of Loss**

Investing in securities involves risk of loss that clients should be prepared to bear. While the stock market may increase and the account(s) could enjoy a gain, it is also possible that the stock market may decrease and the account(s) could suffer a loss. It is important that clients understand the risks

associated with investing in the stock market, and that their assets are appropriately diversified in investments. Clients are encouraged to ask our firm any questions regarding their risk tolerance.

**Capital Risk:** Capital risk is one of the most basic, fundamental risks of investing; it is the risk that you may lose 100% of your money. All investments carry some form of risk and the loss of capital is generally a risk for any investment instrument.

**Company Risk:** When investing in stock positions, there is always a certain level of company or industry specific risk that is inherent in each investment. This is also referred to as unsystematic risk and can be reduced through appropriate diversification. There is the risk that the company will perform poorly or have its value reduced based on factors specific to the company or its industry. For example, if a company's employees go on strike or the company receives unfavorable media attention for its actions, the value of the company may be reduced.

**Credit Risk:** Credit risk can be a factor in situations where an investment's performance relies on a borrower's repayment of borrowed funds. With credit risk, an investor can experience a loss or unfavorable performance if a borrower does not repay the borrowed funds as expected or required. Investment holdings that involve forms of indebtedness (i.e. borrowed funds) are subject to credit risk.

**Economic Risk:** The prevailing economic environment is important to the health of all businesses. Some companies, however, are more sensitive to changes in the domestic or global economy than others. These types of companies are often referred to as cyclical businesses. Countries in which a large portion of businesses are in cyclical industries are thus also very economically sensitive and carry a higher amount of economic risk. If an investment is issued by a party located in a country that experiences wide swings from an economic standpoint or in situations where certain elements of an investment instrument are hinged on dealings in such countries, the investment instrument will generally be subject to a higher level of economic risk.

**Equity (Stock) Market Risk:** Common stocks are susceptible to general stock market fluctuations and, volatile increases and decreases in value as market confidence in and perceptions of their issuers change. If you held common stock, or common stock equivalents, of any given issuer, you would generally be exposed to greater risk than if you held preferred stocks and debt obligations of the issuer.

**ETF & Mutual Fund Risk:** When investing in an ETF or mutual fund, you will bear additional expenses based on your pro rata share of the ETF's or mutual fund's operating expenses, including the potential duplication of management fees. The risk of owning an ETF or mutual fund generally reflects the risks of owning the underlying securities, the ETF, or mutual fund holds. Clients will also incur brokerage costs when purchasing ETFs.

**Financial Risk:** Financial risk is represented by internal disruptions within an investment or the issuer of an investment that can lead to unfavorable performance of the investment. Examples of financial risk can be found in cases like Enron or many of the dot com companies that were caught up in a period of extraordinary market valuations that were not based on solid financial footings of the companies.

**Growth Securities Risk:** Securities of companies perceived to be "growth" companies may be more volatile than other stocks and may involve special risks. The price of a "growth" security may be

impacted if the company does not realize its anticipated potential or if there is a shift in the market to favor other types of securities.

**Higher Trading Costs:** For any investment instrument or strategy that involves active or frequent trading, you may experience larger than usual transaction-related costs. Higher transaction-related costs can negatively affect overall investment performance.

**Inflation Risk:** Inflation risk involves the concern that in the future, your investment or proceeds from your investment will not be worth what they are today. Throughout time, the prices of resources and end-user products generally increase and thus, the same general goods and products today will likely be more expensive in the future. The longer an investment is held, the greater the chance that the proceeds from that investment will be worth less in the future than what they are today. Said another way, a dollar tomorrow will likely get you less than what it can today.

**Interest Rate Risk:** Certain investments involve the payment of a fixed or variable rate of interest to the investment holder. Once an investor has acquired or has acquired the rights to an investment that pays a particular rate (fixed or variable) of interest, changes in overall interest rates in the market will affect the value of the interest-paying investment(s) they hold. In general, changes in prevailing interest rates in the market will have an inverse relationship to the value of existing, interest paying investments. In other words, as interest rates move up, the value of an instrument paying a particular rate (fixed or variable) of interest will go down. The reverse is generally true as well.

**Legal/Regulatory Risk:** Certain investments or the issuers of investments may be affected by changes in state or federal laws or in the prevailing regulatory framework under which the investment instrument or its issuer is regulated. Changes in the regulatory environment or tax laws can affect the performance of certain investments or issuers of those investments and thus, can have a negative impact on the overall performance of such investments.

**Liquidity Risk:** Certain assets may not be readily converted into cash or may have a very limited market in which they trade. This can create a substantial delay in the receipt of proceeds from an investment. Liquidity risk can also result in unfavorable pricing when exiting (i.e. not being able to quickly get out of an investment before the price drops significantly) a particular investment and therefore, can have a negative impact on investment returns.

**Manager Risk:** There is always the possibility that poor security selection will cause your investments to underperform relative to benchmarks or other funds with a similar investment objective.

**Market Risk:** The value of your portfolio may decrease if the value of an individual company or multiple companies in the portfolio decreases or if our belief about a company's intrinsic worth is incorrect. Further, regardless of how well individual companies perform, the value of your portfolio could also decrease if there are deteriorating economic or market conditions. It is important to understand that the value of your investment may fall, sometimes sharply, in response to changes in the market, and you could lose money. Investment risks include price risk as may be observed by a drop in a security's price due to company specific events (e.g. earnings disappointment or downgrade in the rating of a bond) or general market risk (e.g. such as a "bear" market when stock values fall in general). For fixed-income securities, a period of rising interest rates could erode the value of a bond since bond values generally fall as bond yields go up. Past performance is not a guarantee of future returns.

**Market Timing Risk:** Market timing can include high risk of loss since it looks at an aggregate market versus a specific security. Timing risk explains the potential for missing out on beneficial movements in price due to an error in timing. This could cause harm to the value of an investor's portfolio because of purchasing too high or selling too low.

**Money Market Risk:** An investment in a money market fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although a money market fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in a money market fund.

**Operational Risk:** Operational risk can be experienced when an issuer of an investment product is unable to carry out the business it has planned to execute. Operational risk can be experienced as a result of human failure, operational inefficiencies, system failures, or the failure of other processes critical to the business operations of the issuer or counter party to the investment.

**Strategy Risk:** There is no guarantee that the investment strategies discussed herein will work under all market conditions and each investor should evaluate his/her ability to maintain any investment he/she is considering in light of his/her own investment time horizon. Investments are subject to risk, including possible loss of principal.

#### **Description of Material, Significant or Unusual Risks**

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Our firm generally invests client cash balances in money market funds, FDIC Insured Certificates of Deposit, high-grade commercial paper and/or government backed debt instruments. Ultimately, our firm tries to achieve the highest return on client cash balances through relatively low-risk conservative investments. In most cases, at least a partial cash balance will be maintained in a money market account so that our firm may debit advisory fees for our services related to our Asset Management services, as applicable.

### **Item 9: Disciplinary Information**

There are no legal or disciplinary events that are material to the evaluation of our advisory business or the integrity of our management.

### **Item 10: Other Financial Industry Activities & Affiliations**

Representatives of our firm are Dually Registered Persons. LPL is a broker-dealer that is independently owned and operated and is not affiliated with our firm. Please refer to Item 12 for a discussion of the benefits our firm may receive from LPL Financial, and the conflicts of interest associated with receipt of such benefits.

Representatives of our firm are insurance agents/brokers. They offer insurance products and receive customary fees as a result of insurance sales. A conflict of interest exists as these insurance sales create an incentive to recommend products based on the compensation adviser and/or our

supervised persons may earn. To mitigate this potential conflict, our firm will act in the client's best interest.

### **Item 11: Code of Ethics, Participation or Interest in Client Transactions & Personal Trading**

As a fiduciary, it is an investment adviser's responsibility to provide fair and full disclosure of all material facts and to act solely in the best interest of each of our clients at all times. Our fiduciary duty is the underlying principle for our firm's Code of Ethics, which includes procedures for personal securities transaction and insider trading. Our firm requires all representatives to conduct business with the highest level of ethical standards and to comply with all federal and state securities laws at all times. Upon employment with our firm, and at least annually thereafter, all representatives of our firm will acknowledge receipt, understanding and compliance with our firm's Code of Ethics. Our firm and representatives must conduct business in an honest, ethical, and fair manner and avoid all circumstances that might negatively affect or appear to affect our duty of complete loyalty to all clients. This disclosure is provided to give all clients a summary of our Code of Ethics. If a client or a potential client wishes to review our Code of Ethics in its entirety, a copy will be provided promptly upon request.

Our firm recognizes that the personal investment transactions of our representatives demands the application of a Code of Ethics with high standards and requires that all such transactions be carried out in a way that does not endanger the interest of any client. At the same time, our firm also believes that if investment goals are similar for clients and for our representatives, it is logical, and even desirable, that there be common ownership of some securities.

In order to prevent conflicts of interest, our firm has established procedures for transactions effected by our representatives for their personal accounts<sup>1</sup>. In order to monitor compliance with our personal trading policy, our firm has pre-clearance requirements and a quarterly securities transaction reporting system for all of our representatives.

Neither our firm nor a related person recommends, buys or sells for client accounts, securities in which our firm or a related person has a material financial interest without prior disclosure to the client.

Related persons of our firm may buy or sell securities and other investments that are also recommended to clients. In order to minimize this conflict of interest, our related persons will place client interests ahead of their own interests and adhere to our firm's Code of Ethics, a copy of which is available upon request.

Likewise, related persons of our firm buy or sell securities for themselves at or about the same time they buy or sell the same securities for client accounts. In order to minimize this conflict of interest, our related persons will place client interests ahead of their own interests and adhere to our firm's Code of Ethics, a copy of which is available upon request. Further, our related persons will refrain from buying

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<sup>1</sup> For purposes of the policy, our associate's personal account generally includes any account (a) in the name of our associate, his/her spouse, his/her minor children or other dependents residing in the same household, (b) for which our associate is a trustee or executor, or (c) which our associate controls, including our client accounts which our associate controls and/or a member of his/her household has a direct or indirect beneficial interest in.



or selling securities that will be bought or sold in client accounts unless done so after the client execution or concurrently as a part of a block trade.

## **Item 12: Brokerage Practices**

### **LPL Financial**

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Our firm recommends that Clients establish accounts with LPL Financial (“LPL”), member FINRA/SIPC, to maintain custody of clients’ assets and to effect trades for their accounts. LPL provides brokerage and custodial services to independent investment advisory firms, including our firm. For accounts custodied at LPL, LPL is generally compensated by clients through commissions, trails, or other transaction-based fees for trades that are executed through LPL or that settle into LPL accounts. For IRA accounts, LPL generally charges account maintenance fees. In addition, LPL also charges clients miscellaneous fees and charges, such as account transfer fees. LPL charges our firm an asset-based administration fee for administrative services provided by LPL. Such administration fees are not directly borne by Clients but may be taken into account when our firm negotiates its advisory fee with clients.

While LPL does not participate in, or influence the formulation of, the investment advice our firm provides, certain supervised persons of our firm are Dually Registered Persons. Dually Registered Persons are restricted by certain Financial Industry Regulatory Authority (“FINRA”) rules and policies from maintaining accounts at another custodian or executing transactions in such accounts through any broker-dealer or custodian that is not approved by LPL. As a result, the use of other trading platforms must be approved by our firm and LPL.

Clients should also be aware that for accounts where LPL serves as the custodian, our firm is limited to offering services and investment vehicles that are approved by LPL, and may be prohibited from offering services and investment vehicles that may be available through other broker-dealers and custodians, some of which may be more suitable for a client’s portfolio than the services and investment vehicles offered through LPL. Clients should understand that not all investment advisers require that Clients custody their accounts and trade through specific broker-dealers.

### ***Benefits Received by Our Personnel***

LPL makes available to our firm various products and services designed to assist our firm in managing and administering client accounts. Many of these products and services may be used to service all or a substantial number of accounts, including accounts not held with LPL. These include software and other technology that provide access to client account data (such as trade confirmation and account statements); facilitate trade execution (and aggregation and allocation of trade orders for multiple client accounts); provide research, pricing information and other market data; facilitate payment of our firm’s fees from its clients’ accounts; and assist with back-office functions; recordkeeping and client reporting.

LPL also makes available to our firm other services intended to help manage and further develop our business. Some of these services assist our firm to better monitor and service program accounts maintained at LPL. Many of these services, however, benefit only our firm. These support services

and/or products may be provided without cost, at a discount, and/or at a negotiated rate, and include practice management-related publications; consulting services; attendance at conferences and seminars, meetings, and other educational and/or social events; marketing support; and other products and services used by our firm in furtherance of the operation and development of its investment advisory business.

Where such services are provided by a third-party vendor, LPL will either make a payment to our firm to cover the cost of such services, reimburse our firm for the cost associated with the services, or pay the third-party vendor directly on behalf of our firm.

The products and services described above are provided to our firm as part of its overall relationship with LPL. While as a fiduciary, our firm endeavors to act in its clients' best interests, the receipt of these benefits creates a conflict of interest because our firm's requirement that Clients custody their assets at LPL is based in part on the benefit to our firm of the availability of the foregoing products and services and not solely on the nature, cost or quality of custody or brokerage services provided by LPL. Our firm's receipt of some of these benefits may be based on the amount of advisory assets custodied on the LPL platform.

### ***Transition Assistance Benefits***

LPL Financial provides various benefits and payments to Dually Registered Persons that are new to the LPL Financial platform to assist the representative with the costs (including foregone revenues during account transition) associated with transitioning his or her business to the LPL Financial platform (collectively referred to as "Transition Assistance"). The proceeds of such Transition Assistance payments are intended to be used for a variety of purposes, including but not necessarily limited to, providing working capital to assist in funding the Dually Registered Person's business, satisfying any outstanding debt owed to the Dually Registered Person's prior firm, offsetting account transfer fees (ACATs) payable to LPL Financial as a result of the Dually Registered Person's clients transitioning to LPL Financial's custodial platform, technology set-up fees, marketing and mailing costs, stationary and licensure transfer fees, moving expenses, office space expenses, staffing support and termination fees associated with moving accounts.

The amount of the Transition Assistance payments are often significant in relation to the overall revenue earned or compensation received by the Dually Registered Person at their prior firm. Such payments are generally based on the size of the Dually Registered Person's business established at their prior firm and/or assets under custody on the LPL Financial. Please refer to the relevant Part 2B brochure supplement for more information about the specific Transition Payments your representative receives.

Transition Assistance payments and other benefits are provided to associated persons of GK in their capacity as registered representatives of LPL Financial. However, the receipt of Transition Assistance by such Dually Registered Persons creates conflicts of interest relating to GK's advisory business because it creates a financial incentive for GK's representatives to recommend that its clients maintain their accounts with LPL Financial. In certain instances, the receipt of such benefits is dependent on a Dually Registered Person maintaining its clients' assets with LPL Financial and therefore GK has an incentive to recommend that clients maintain their account with LPL Financial in order to generate such benefits.

GK attempts to mitigate these conflicts of interest by evaluating and recommending that clients use LPL Financial's services based on the benefits that such services provide to our clients, rather than the Transition Assistance earned by any particular Dually Registered Person. GK considers LPL Financial's execution speeds, fund availability, and various other factors when recommending or requiring that

clients maintain accounts with LPL Financial. However, clients should be aware of this conflict and take it into consideration in making a decision whether to custody their assets in a brokerage account at LPL Financial.

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**Client Brokerage Commissions**

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LPL does not make client brokerage commissions generated by client transactions available for our firm's use.

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**Client Transactions in Return for Soft Dollars**

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Our firm does not direct client transactions to a particular broker-dealer in return for soft dollar benefits.

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**Brokerage for Client Referrals**

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Our firm does not receive brokerage for client referrals.

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**Directed Brokerage**

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Neither our firm nor any of our firm's representatives have discretionary authority in making the determination of the brokers-dealers and/or custodians with whom orders for the purchase or sale of securities are placed for execution, and the commission rates at which such securities transactions are effected. Our firm routinely recommends that clients direct us to execute through a specified broker-dealer. Our firm recommends the use of LPL Financial. Each client will be required to establish their account(s) with LPL Financial if not already done. Please note that not all advisers have this requirement.

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**Client-Directed Brokerage**

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Our firm allows clients to direct brokerage outside our recommendation. Our firm may be unable to achieve the most favorable execution of client transactions. Client directed brokerage may cost clients more money. For example, in a directed brokerage account, clients may pay higher brokerage commissions because our firm may not be able to aggregate orders to reduce transaction costs, or clients may receive less favorable prices.

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**Aggregation of Purchase or Sale**

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Our firm provides investment management services for various clients. There are occasions on which portfolio transactions may be executed as part of concurrent authorizations to purchase or sell the same security for numerous accounts served by our firm, which involve accounts with similar investment objectives. Although such concurrent authorizations potentially could be either advantageous or disadvantageous to any one or more particular accounts, they are affected only when our firm believes that to do so will be in the best interest of the effected accounts. When such concurrent authorizations occur, the objective is to allocate the executions in a manner which is deemed equitable to the accounts involved. In any given situation, our firm attempts to allocate trade executions in the most equitable manner possible, taking into consideration client objectives, current asset allocation and availability of funds using price averaging, proration and consistently non-arbitrary methods of allocation.

## **Item 13: Review of Accounts or Financial Plans**

Our management personnel or financial advisors' review accounts on at least an annual basis for our Asset Management clients. The nature of these reviews is to learn whether client accounts are in line with their investment objectives, appropriately positioned based on market conditions, and investment policies, if applicable. Our firm does not provide written reports to clients, unless asked to do so. Verbal reports to clients take place on at least an annual basis when our Asset Management, clients are contacted.

Our firm may review client accounts more frequently than described above. Among the factors which may trigger an off-cycle review are major market or economic events, the client's life events, requests by the client, etc.

Financial Planning clients do not receive reviews of their written plans unless they take action to schedule a financial consultation with us. Our firm does not provide ongoing services to financial planning clients, but are willing to meet with such clients upon their request to discuss updates to their plans, changes in their circumstances, etc. Financial Planning clients do not receive written or verbal updated reports regarding their financial plans unless they separately engage our firm for a post-financial plan meeting or update to their initial written financial plan.

## **Item 14: Client Referrals & Other Compensation**

### **LPL Financial**

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Our firm may receive from LPL or a mutual fund company, without cost and/or at a discount non-soft-dollar support services and/or products, to assist us to better monitor and service client accounts maintained at such institutions. Included within the support services our firm may receive investment-related research, pricing information and market data, software and other technology that provide access to client account data, compliance and/or practice management-related publications, discounted or gratis consulting services, discounted and/or gratis attendance at conferences, meetings, and other educational and/or social events, marketing support, computer hardware and/or software and/or other products used by us to assist us in our investment advisory business operations. Our clients do not pay more for investment transactions effected and/or assets maintained at LPL as result of this arrangement. There is no commitment made by us to LPL or any other institution as a result of the above arrangement.

### **Referral Fees**

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Our firm does not pay referral fees (non-commission based) to independent solicitors (non-registered representatives) for the referral of their clients to our firm in accordance with Rule 206 (4)-3 of the Investment Advisers Act of 1940.

## Item 15: Custody

### **Deduction of Advisory Fees:**

While our firm does not maintain physical custody of client assets (which are maintained by a qualified custodian, as discussed above), we are deemed to have custody of certain client assets if given the authority to withdraw assets from client accounts, as further described below under “Third Party Money Movement.” All our clients receive account statements directly from their qualified custodian(s) at least quarterly upon opening of an account. We urge our clients to carefully review these statements. Additionally, if our firm decides to send its own account statements to clients, such statements will include a legend that recommends the client compare the account statements received from the qualified custodian with those received from our firm. Clients are encouraged to raise any questions with us about the custody, safety or security of their assets and our custodial recommendations.

### **Third Party Money Movement:**

On February 21, 2017, the SEC issued a no-action letter (“Letter”) with respect to Rule 206(4)-2 (“Custody Rule”) under the Investment Advisers Act of 1940 (“Advisers Act”). The letter provided guidance on the Custody Rule as well as clarified that an adviser who has the power to disburse client funds to a third party under a standing letter of authorization (“SLOA”) is deemed to have custody. As such, our firm has adopted the following safeguards in conjunction with our custodian:

- The client provides an instruction to the qualified custodian, in writing, that includes the client’s signature, the third party’s name, and either the third party’s address or the third party’s account number at a custodian to which the transfer should be directed.
- The client authorizes the investment adviser, in writing, either on the qualified custodian’s form or separately, to direct transfers to the third party either on a specified schedule or from time to time.
- The client’s qualified custodian performs appropriate verification of the instruction, such as a signature review or other method to verify the client’s authorization, and provides a transfer of funds notice to the client promptly after each transfer.
- The client has the ability to terminate or change the instruction to the client’s qualified custodian.
- The investment adviser has no authority or ability to designate or change the identity of the third party, the address, or any other information about the third party contained in the client’s instruction.
- The investment adviser maintains records showing that the third party is not a related party of the investment adviser or located at the same address as the investment adviser.
- The client’s qualified custodian sends the client, in writing, an initial notice confirming the instruction and an annual notice reconfirming the instruction.

## **Item 16: Investment Discretion**

Clients have the option of providing our firm with investment discretion on their behalf, pursuant to an executed investment advisory client agreement. By granting investment discretion, our firm is authorized to execute securities transactions, determine which securities are bought and sold, and the total amount to be bought and sold. Should clients grant our firm non-discretionary authority, our firm would be required to obtain the client's permission prior to effecting securities transactions. Limitations may be imposed by the client in the form of specific constraints on any of these areas of discretion with our firm's written acknowledgement.

## **Item 17: Voting Client Securities**

Our firm does not accept the proxy authority to vote client securities. Clients will receive proxies or other solicitations directly from their custodian or a transfer agent. In the event that proxies are sent to our firm, our firm will forward them to the appropriate client and ask the party who sent them to mail them directly to the client in the future. Clients may call, write or email us to discuss questions they may have about particular proxy votes or other solicitations.

## **Item 18: Financial Information**

### **Inclusion of a Balance Sheet**

Our firm does not require nor is prepayment solicited for more than \$1,200 in fees per client, 6 months or more in advance. Therefore, our firm has not included a balance sheet for our most recent fiscal year.

### **Disclosure of Financial Condition**

Our firm has nothing to disclose in this regard.

### **Bankruptcy Petition**

Our firm has nothing to disclose in this regard.