

## MFB-Footprints - with EMAs In Agreement (V3)

Welcome to the **Master Filter** version of the MFB process. This indicator is an elite institutional execution tool designed for high-volatility futures like **Micro Nasdaq (MNQ)** and **Gold (GC)**. It represents a synergy between **Momentum Trading (EMAs)** and **Smart Money Concepts (Liquidity & FVGs)**.

### The Quadruple Confirmation Protocol

This version is our most selective tool. For a signal to appear, the market must satisfy four strict institutional requirements simultaneously:

1. **EMA Trend Alignment:** We monitor the **1m, 5m, and 15m** 20-period EMAs. A signal only fires if these EMAs are perfectly "stacked" (e.g., for a Long:  $1m > 5m > 15m$ ). This ensures you are entering with the strongest possible trend momentum.
2. **Higher Timeframe (HTF) Bias:** We never trade against the "Big Money." The indicator scans the **15m, 1h, and 4h** Fair Value Gaps to ensure your trade is aligned with the overall institutional direction.
3. **Institutional Liquidity Sweep:** Signals now require a recent touch or sweep of a major liquidity pool (Previous Day/Week Highs/Lows or Session Ranges) before a trigger is considered.
4. **5m Execution (FVG-123):** Once Trend, Bias, and Liquidity are aligned, we wait for a structural breakout—a **5-minute candle closure** outside a Fair Value Gap.

### Major Recent Upgrades:

#### 1. Universal Flow vs. Universal Sweep (The Arrows)

You will now see **Large Cyan (Light Blue) Arrows** accompanying your labels. These provide an instant visual diagnosis of the institutional move:

- **▲ Universal Flow (Continuation):** Price has touched a level and is breaking out with enough strength to move *beyond* it. This signals a continuation of the trend.
- **▼ Universal Sweep (Reversal):** Price has "grabbed" the liquidity past a level and immediately shifted *back inside* the range. This identifies a high-probability institutional stop-run or reversal.

#### 2. The 5m Noise Filter

We utilize a strict candle-close requirement for the FVG-123 breakout.

- **The Why:** By waiting for the **5-minute close** outside the gap, we effectively filter out "market noise" and "wick fakeouts" where price pokes through a level only to reverse instantly. When the label appears, the breakout is confirmed.

### 3. Why we kept the HTF Filter

We chose to keep the HTF Bias integrated because it acts as your **Institutional GPS**. Without it, you might follow a 5m trend that is actually driving straight into a massive 1-hour reversal zone. The HTF filter ensures your "Engine" (5m breakout) is always driving in the same direction as the "Big Money."



### 4. Automated Trade Mapping

Every signal **automatically** calculates and prints your trade plan directly on the chart:

- **Entry Line:** The breakout candle price.
- **Stop Loss (SL):** Placed at the protected FVG edge.
- **Take Profit (TP):** A 2.0 R:R target, automatically "snapped" to the nearest Daily or Weekly key level.

### 5. Unified Visual Harmony

Session colors have been updated to match the **Momentum Flow Build** indicator exactly, creating a seamless institutional map:

-  **Asia Session:** Blue (#00bcd4).
-  **London Session:** Yellow (#ffeb3b).

### Alerts

Optimized for **"Footprints - Flow/Sweep"** push notifications. By selecting this option in the TradingView alert menu, you will receive a message on your phone the exact moment all four pillars of confluence are met.

Peace -