

# Prima Base™ Monolithic Manholes



County Materials' Prima Base™ Monolithic Manholes are a state-of-the-art, high-precision manhole base manufactured to deliver unmatched quality in sanitary sewer and stormwater management systems. Designed to handle complex, customized channel layouts, Prima Base Monolithic Manholes transform intricate geometry that once required extensive field shaping into a seamless, factory-controlled solution with consistent channel appearance.

Channels, inlets, and outlets are manufactured to exact project-specific dimensions and precise locations, ensuring reliable alignment and reducing the need for onsite adjustments. Advanced 3D design software creates optimized channel geometry, combined with a smooth interior surface and controlled channel depth, to promote efficient, uniform flow.

Produced with a single-pour construction process, Prima Base uses a sustainable, high-performance concrete mix that eliminates cold joints, enhancing strength and long-term durability. Inverts are precisely milled for an accurate fit and smooth, efficient flow.

Traditional precast bases often require contractors to grind and polish flowlines in the field—adding time, labor, and variability. Prima Base eliminates that step entirely. Its smooth surfaces and precise channel shaping are built in from the start, reducing labor while ensuring consistent performance.

With flexible pipe penetration options, variable inlet and outlet heights in a single casting, and ASTM C-478 compliance, Prima Base Monolithic Manholes deliver faster installation, optimized hydraulics, and long-lasting reliability.

## Advantages

- The channel, inlets, and outlets are manufactured to precise dimensions and locations, specifically produced to project requirements
- Optimized flow achieved through channel geometry generated by 3D design software and smooth surface texture
- Variable inlet and outlet heights can be produced in a single casting
- Consistent channel appearance regardless of intricacy
- Channel depth control



Proud to be American based  
and American made since 1946