



PRECAST MANHOLES

PRODUCTS



GROUNDING IN STRENGTH

Precast manholes offer easy access for maintenance and observation.

Precast circular manholes are used in sanitary sewer and storm drain systems for access, observation and junctions, while precast circular vertical structures are used for pump stations, wet wells, stormwater management structures and impoundment overflow structures.

Sizes

Precast manholes are available in sizes from 48" to 144". In Canada, they are available in sizes from 1200mm to 3600mm. Contact your local Forterra representative for additional sizes and availability.

Applications

Precast circular manholes can be used for the following:

- access to the system for maintenance
- observation points
- changes in pipe shape, size, direction and material
- junctions for multiple pipes

Precast circular vertical structures can be used for the following:

- wet wells
- sanitary or stormwater pump stations
- overflow structures for ponds

Precast circular manholes and vertical structures can be provided with the following features:

- protective linings
- flexible watertight pipe-to-structure connections
- custom openings
- custom tops

Joints

The following joints are normally available for circular manholes and vertical structures:

- single offset with profile rubber gasket
- confined O-ring rubber gasket
- preformed plastic or butyl gasket

Applicable Specifications

The following specifications apply to circular manholes and vertical structures:

- ASTM C478 / AASHTO M199 – precast reinforced concrete manhole sections
- ASTM C443 / AASHTO M198 – joints for concrete pipe and manholes, using rubber gaskets
- CAN/CSA A257.4 – precast reinforced circular concrete manhole sections, catch basins and fittings

