

- Large volume of air release on pipeline filling.
- Vacuum relief in the event of pipe drainage.
- Air release under pressure when the pipe is operational

Pressure rating of the valve shall be PN16. The internal components shall be stainless steel. For additional specifications refer to Section 15000.

26.3.6 Valve Chambers on Pumping Mains

A. Valve Chambers

Isolation valve chambers shall be reinforced concrete chambers or as specified on the drawings. The Contractor shall submit shop drawings as per site conditions for approvals.

The valve chamber covers shall be ductile iron medium duty if not in the traffic area, otherwise heavy duty D400 covers should be used. Ductile iron covers should be epoxy coated. The word "STORMWATER" in English and Arabic should be cast into the covers.

For additional specifications refer to Section 02607.

26.4 Part 4 Execution

A. The Contractor shall perform the execution as described below.

26.4.1 Design Criteria

A. The contractor shall follow the guidelines stated in the Stormwater Manual - Volume I – Design Manual.

26.4.2 Excavation

A. The Contractor shall follow Sections 02222 and 02225.

26.4.3 Backfilling

A. The Contractor shall follow Section 02223.

26.4.4 Bedding

- A.** Excavate pipe trench in accordance with Section 02225 for work of this section. Hand trim excavation for accurate placement of pipe to elevations indicated.
- B.** Granular material for bedding to Reinforced Concrete Pipes, refer to Section 02207
- C.** Concreting Pipeline Bed, or Bed and Surround