Reinforcement (Grade 40):

- $F_y = 40,000$ psi (276.0 MPa)
- $F_y = 20,000$ psi (137.9 MPa)

Concrete (Class B):

- $P_c = 2200$ psi (15.1 MPa)
- $P_c = 1300$ psi (9.0 MPa)

Structural Steel (A-36):

- $F_y = 36,000$ psi (249.2 MPa)
- $F_y = 20,000$ psi (137.9 MPa)

Curb Connections:

- Provide a curb opening when specified.

Inlet Grates:

- Fabricated grate and frame weigh is approximately 340 pounds (154 kg). Cast grate and frame weigh is approximately 90 pounds (39 kg).

Inlet Types:

- **Type A:** Cast in place or precast concrete box. Weight of box excluding the lid and including 1 CV Box (10 m³) of concrete and 80 pounds (36 kg) of reinforcing steel is approximately 4000 pounds (1800 kg).
- **Type B:** A vertical pipe section with the precast, cast in place or integrally cast base. Weight of the circular cast in place inlet, excluding the lid, and including 110 pounds (90kg) of reinforcing steel is approximately 9500 pounds (1600 kg).
- **Type C:** Shallow depth inlet box with a T-section leader pipe connected to the bottom of the inlet box with the trunk line directly under the inlet.
- **Type D:** Shallow depth inlet box with the leader connected to the bottom of the inlet and the trunk line offset from the inlet.

Anchor Hooks:

- Standard, square, round or equivalent headed anchors may be substituted for the right angles hooks shown. Full penetration bolt welds may be substituted for fillet welds on anchors. Anchor bolts may be deleted if the curb section is cast in place.

Reinforcement:

- Use #4 (1/2") reinforcing bars equally spaced.

Metric Dimensions:

- Metric pipe diameters are based on 1 in = 25.4 mm. Industry standards at the time of this contract may dictate the exact conversion of 1 in = 25.4 mm. Adjust metric dimensions shown herein accordingly.