1. Haunching may be required for pits over 450 mm, refer to pit schedule for sides of specific pits. Pits with haunching in two directions require special structural design.

2. Pit reinforcement - for laps to be 300 minimum. Clear cover to be 50 minimum. Corner return reinforcement may be of equivalent bars of grade 400 & 500 to comply with AS 4100. Concrete shall be normal class n02 standard strength grade or higher complying with the requirements of AS 1379. Exposure classifications up to and including B1.

3. Pits deeper than 1500 shall be fitted with step irons, ref SD 1041.

4. East iron cover subject to heavy vehicle loads are required to support a test load of 250 kN in accordance with Verco's "Interim Test Method for Test Load Pit Covers, Lintels and Lids.

5. East iron cover and frame to be installed as one unit.

6. Concrete infill for cover and frame shall be n02 at 28 days, with max size aggregate, tamp and level properly.

7. Each cover shall have weight and capacity clearly impressed on the top.

8. Precast units may be constructed to the manufacturer's details. The design shall comply with the AS 5100 bridge design and the following additional requirements:
   - Combined factored lateral pressure at any point at the ultimate limit state shall not be less than 25 kPa.
   - Adequate drainage shall be provided to pit walls to avoid hydrostatic pressure.
   - Vertical load 250 kN applied anywhere on pit.
   - Minimum reinforcement area shall be 150 mm²/m².
   - Concrete shall be normal class n02 standard strength grade or higher complying with the requirements of AS 1379. Exposure classifications up to and including B1.