1. Haunching may be required for pipes over 400 mm. Refer to Pit Schedule for sides of specific pits. Pits with haunching in two directions require special structural design.

2. Pit reinforcement - Pit fabric. Fabric in shaft shall have the main bars positioned horizontally, laps to be 300 mm, clear cover to be 50 mm. Corner return reinforcement may be fabric or equivalent bars. Bars grade 60 F 465 & 624. To comply with AS 6379. Concrete shall be normal class N2, standard strength grade or higher, complying with the requirements of AS 1379. Exposure classifications up to and including B1.

3. Pits deeper than 1000 mm shall be fitted with step irons. Refer to SD 1041.

4. Concrete frames to be set on 5 mm of Mortar.

5. Precast units may be constructed to the manufacturer's details. The design shall comply with the AS 1590 bridge design and the following additional requirements:
   - Combined factored lateral pressure at any point at the ultimate limit state shall be not less than 75 kPa.
   - Adequate drainage shall be provided to pit walls to avoid hydrostatic pressure.
   - Vertical load 270 kN applied anywhere on pit.
   - Minimum reinforcement area shall be 150 mm²/m².
   - Concrete shall be normal class N2, standard strength grade or higher, complying with the requirements of AS 1379. Exposure classifications up to and including B1.

6. In areas subject to truck loading, use heavy duty cover in drawings no. SD 1271 or SD 1272 as appropriate.

GENERAL NOTES:
1. Standard pit dimensions & setting out details SD 1011
2. Manhole pits SD 1011
3. Haunching pits SD 1011
4. Pipe works SD 1011
5. Pit covers SD 1011
6. Units SD 1011
7. All dimensions are in millimetres

THRU-2 90° MB

CONCRETE SHAPED TO PIPE INLET

SECTION B-B
PIT TYPE SM
(ISM TYPE KERB)

SECTION B-B
PIT TYPE B
(B TYPE KERB)