NOTES:
1. Scope: This standard drawing provides details of precast concrete surround for circular pit.
2. Design Life: 25 years minimum for all components.
3. CONCRETE shall be in accordance with MRT570 with rigid framework and internal vibration. In lieu of internal vibration an approved super-workable concrete may be used.
4. Exposure classification and cover to reinforcement shall be in accordance with AS 3600.
   Concrete to be N40/10,
   30mm cover to reinforcement for B1 exposure classification.
4. REINFORCING STEEL shall be listed in conjunction with Standard drawing 16403 and 1644. Reinforcing steel shall be in accordance with MRT571 and AS/NZ 4671.
   Deformed bars Grade 500.
   All reinforcing steel shall be ACRA certified.
5. PRECAST COMPONENTS shall be in accordance with MRT572.
   Lining inserts and installation shall be in accordance with manufacturer's specifications.
6. DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1415 Traffic Signals/Road Lighting – Cable Jointing Pit type 50 Diameter
1418 Traffic Signals/Road Lighting – Cables for 600 Diameter Circular
Cable Jointing Pit
1419 Traffic Signals/Road Lighting – Cable Jointing Pit Circular 600 Diameter Cover Drawing 1 of 2
1419 Traffic Signals/Road Lighting – Cable Jointing Pit Circular 600 Diameter Cover Drawing 2 of 2
1699 Traffic Signals/Road Lighting/BS – Parts List

Departmental Specifications:
MRT570 Concrete
MRT571 Reinforcing Steel
MRT572 Manufacture of Precast Concrete Elements
MRT571 Conduits and Fittings