NOTES:
1. Circular pit to be of minimum 600 D.O. and maximum 700 D.O.
   Wall thickness to be 13mm, absolute minimum thickness of 11mm.
The height shall be 1200mm d.t. 100mm.
2. Pit shall have a base with a thickness of 15mm 15mm and contain two
   25mm drainage holes located diametrically opposite each other as shown.
   If manufactured separate to the pit, the base shall be permanently attached
   to the pit through the use of plastic welding.
3. The pit shall have sufficient vertical strength to support the Class B design
   load applied in accordance with AS 3996 where the load is transferred from
   the collar into the pit wall only via 12 M16 bolts. The resultant permanent
   vertical deformation of the pit and collar system after the load is removed
   shall be less than 10mm.
4. The collar shall be placed on the pit prior to compaction of the backfill
   material to prevent staggering of the top of the pit.
5. 12 Galvanised cuphead M16 bolts with washers to fit shall be used to
   permanently attach the collar to the pit. All nuts are to be galvanised and
   secured to the bolts on the outside of the collar.
6. Pit shall be transported and stored upright.
7. Total pit filling mass shall be less than 450kg.
8. Cable access box supporting strap manufactured in accordance with
   Standard Drawing 1418 shall be supplied attached to the inside of the pit
   using a self tapping screw.
9. Three (3) permanent identifying labels shall be attached to the inside of each
   pit at 300mm, 600mm and 900mm from the top of the pit to the centre of
   the label and shall state "Manufacturers Name", "Date of Manufacture
   (month/year)", "Weight of product kg".
10. Collar shall be placed on the pit prior to compaction of the backfill material
    to prevent staggering of the top of the pit.
11. Pit shall not be installed in roadways.
12. Backfill shall be compacted in accordance with WRTS04 and WRTS01.
13. Dimensions are in millimetres unless otherwise stated.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

REFERENCED DOCUMENTS:
Departmental Standard Drawings:
1149 Traffic Signals/Road Lighting/TS - Installer of Underground Electrical
and Communications Conduit
1314 Traffic Signals/Road Lighting - Cable Jointing Pit Drainage Details
1416 Traffic Signals/Road Lighting - Collar for 600mm Diameter Circular
Cable Jointing Pit
1417 Traffic Signals/Road Lighting - Cable Jointing Pit Circular 600
Diameeter Cover
1418 Traffic Signals/Road Lighting - Junction Box Supporting Strap

Departmental Specifications:
WRTS04 General Earthworks
WRTS01 Conduits and Fittings

Australia Standards:
AS 3996 Access Covers and Grates

⚠️ INSTALLATION OF CONCRETE AND PB'S IS THE
RESPONSIBILITY OF THE LICENSED ELECTRICAL
CONTRACTOR

Department of Transport and Main Roads
TRAFFIC SIGNALS/Road Lighting
CABLE JOINTING PIT
TYPE 60

Standard Drawing No
1415
Sheet 1
Scale 1:100

WRTS04 and WRTS01

Bedding in accordance with
WRTS04 and WRTS01

18 dia. holes
Top of pit

Non-conductive circular
Class B cover in accordance with
Standard Drawing 1417

50±10

Class B collar in accordance with
Standard Drawing 1418

50±10

0±5

Refer Note 2

Identifying labels
(Visit to scale)
Refer Note 3

Depth to be in accordance with
Standard Drawing 1149

900

300

50

2/25 dia. drainage holes
Refer Note 2

Refer Note 1

CIRCULAR PIT