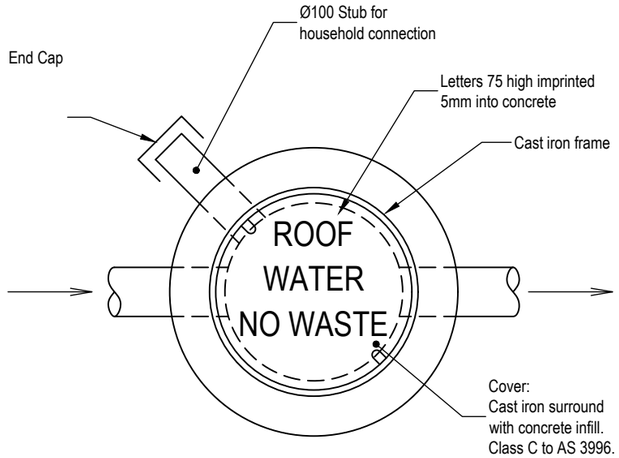
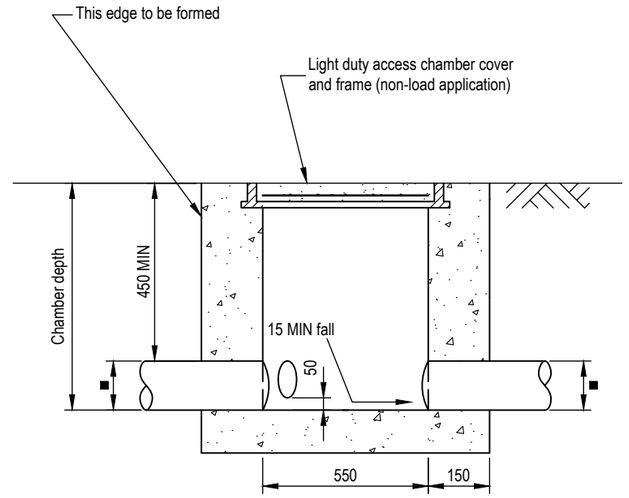
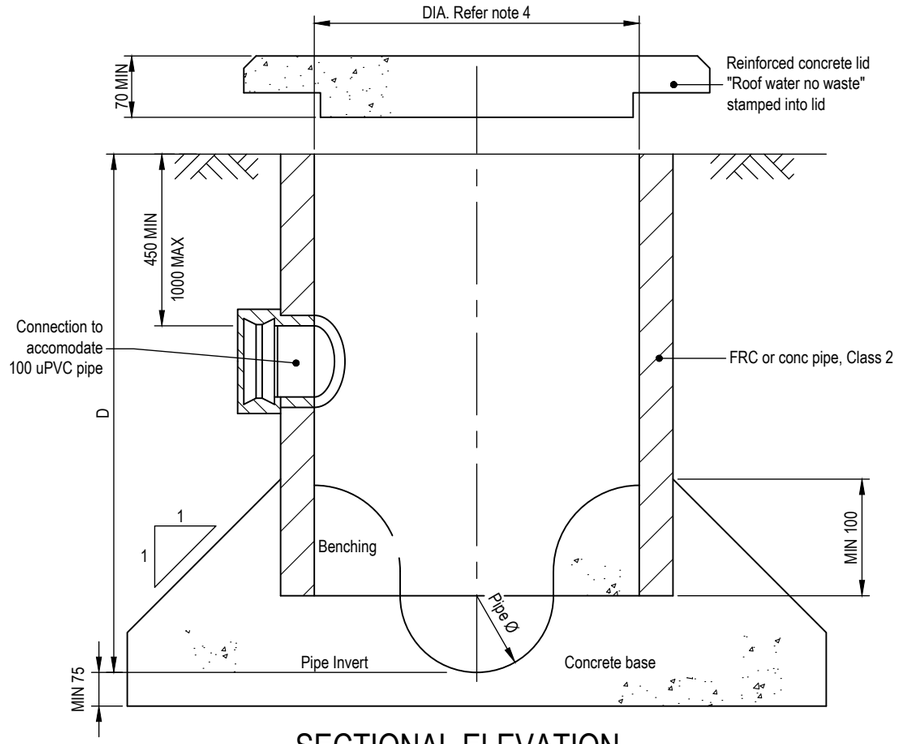



PLAN




SECTION

TYPE1
CAST INSITU




SECTIONAL ELEVATION

TYPE 2
PRECAST/INSITU

LEGEND:

- ■ Refer project drawings for pipe diameter and type
- ● Refer Std Dwg No. SD-D-031 (Access Chamber Roof Slabs - Dia 1050 to 1500) for roof design at 900Ø chambers.

## NOTES:

1. Roofwater systems are to be connected to stormwater gullies or access chambers. Where the system is to be connected to kerb and channel one property can be connected via a 100 Class 12 uPVC pipe or a 100x75 galvanized R.H.S. to a kerb adaptor. A maximum of two properties can be connected via a 200x75 galvanized R.H.S.
2. The pipe materials and joint types shall be as follows:

| MATERIAL | AUST STD | JOINT | RESTRICTIONS |
|---|---|---|---|
| Fibre reinforced, Class 2 | AS 4139-2003 | Rubber ring TYPE N/A | |
| Concrete, Class 2 | AS 1342 | Rubber ring | N/A |
| uPVC, sewer Class 12 | AS/NZS 1260 | Solvent welded | Not to be used in easements |

3. Minimum cover to roofwater pipes to be 450mm except where less cover is necessary to discharge to kerb and channel.
4. Access chamber depths and minimum diameters shall be as follows:

| DEPTH | DIAMETER (MIN) |
|---|---|
| ≤750mm | 600Ø |
| >750mm | 900Ø• |

5. Alternative designs, materials and methods of construction will be considered for approval including precast roofwater chambers available from various manufacturers. Alternative precast units will require to be bedded and encased in 150 thick concrete (Grade N32) up to 150 above crown of the inlet pipe with all subsequent backfill compacted to 95% MDD (modified compaction to AS 1289) to ensure stability and robustness.
6. Alternative covers and frames proposed for approval, and be designed as Class C to AS 3996.
7. Concrete, base N32, cover infill N32, in accordance with AS 1379 and AS 3600.
8. The roofwater drainage system shall be shown on the stormwater drainage plans for the development.
9. The following AS CONSTRUCTED information shall be submitted to Superintendent:
   - -Offsets of the main line to propery boundary.
   - -The locations of access chambers and Y junctions measured from the property boundary.
10. Where individual lots can be directly discharged to the kerb and channel, kerb adaptors shall be used.
11. All dimensions in millimetres.

| APPLICABILITY TABLE | | | | | | |
|---|---|---|---|---|---|---|
| **Council** | **BSC** | **CHRC** | **GRC** | **LSC** | **MRC** | **RRC** |
| **Applicable** | Yes | Yes | Yes | Yes | Yes | Yes |

| REVISIONS | | DATE |
|---|---|---|
| E | NOTE 5 AMENDED TO PERMIT NON CIRCULAR CHAMBERS | 08/2022 |
| D | IRC ADDED | 12/2016 |
| C | GRC AND LSC ADDED | 09/2014 |
| B | MRC ADDED | 04/2011 |
| A | POST AMALGAMATION REVIEW | 01/2010 |



Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC)
Central Highlands Regional Council (CHRC)
Gladstone Regional Council (GRC)
Livingstone Shire Council (LSC)
Maranoa Regional Council (MRC)
Rockhampton Regional Council (RRC)
Isaac Regional Council (IRC)

# ROOFWATER INSPECTION CHAMBER

DRAINAGE

STANDARD DRAWING | A3

CMDG-D-033

REV. A B C D E