



NOTES:

- This drawing is for use in non roadway application subject to pedestrian loadings only.
- All edges to be square
- Casting to be free of burrs and pits.
- Material**
Ductile cast iron
Tensile strength : 600-3 (AS 1831)
Hardness : 145-185 (HB)
Design Load : 80kN (AS 3996)
Mass = 59.5kg
- Tolerances**
Cast size $\pm 1.00\text{mm}$
Angle profile $\pm 0.25^\circ$
Machined size $\pm 0.125\text{mm}$
Overall diameter of cover +0mm-0.25mm
DFT of coating 50 μm
- Machine surface symbol: 3.2
- All machined surfaces shall have a coating approved as fit for the purpose of providing a rust proof non-stick and gas/water proof joint.
- Refer Std Dwg DS-015 for manhole frame details.
- Refer Std Dwg DS-018 for manhole riser details.
- Refer Std Dwg DS-019 and DS-020 for alternate cover details.
- All dimensions are in millimetres unless shown otherwise.

These drawings have been developed in consultation between the participating Councils.
BEFORE USE, the user shall confirm that the drawing has been adopted by the appropriate Council.

Rv.	DATE	REVISIONS
C	06/14	Review
B	03/14	Amended Drawing Number
A	10/12	ORIGINAL ISSUE



INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
STANDARD DRAWINGS

MANHOLE COVER CONCRETE
INFILL (PEDESTRIAN TRAFFIC)
1050 TO 2100 DIAMETER

DS-021

C
B
A
Rv.