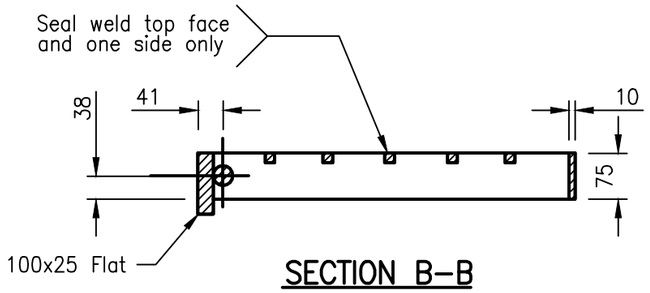
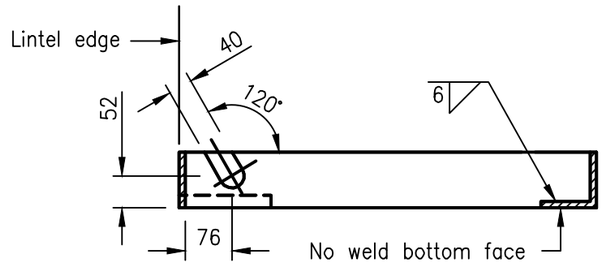
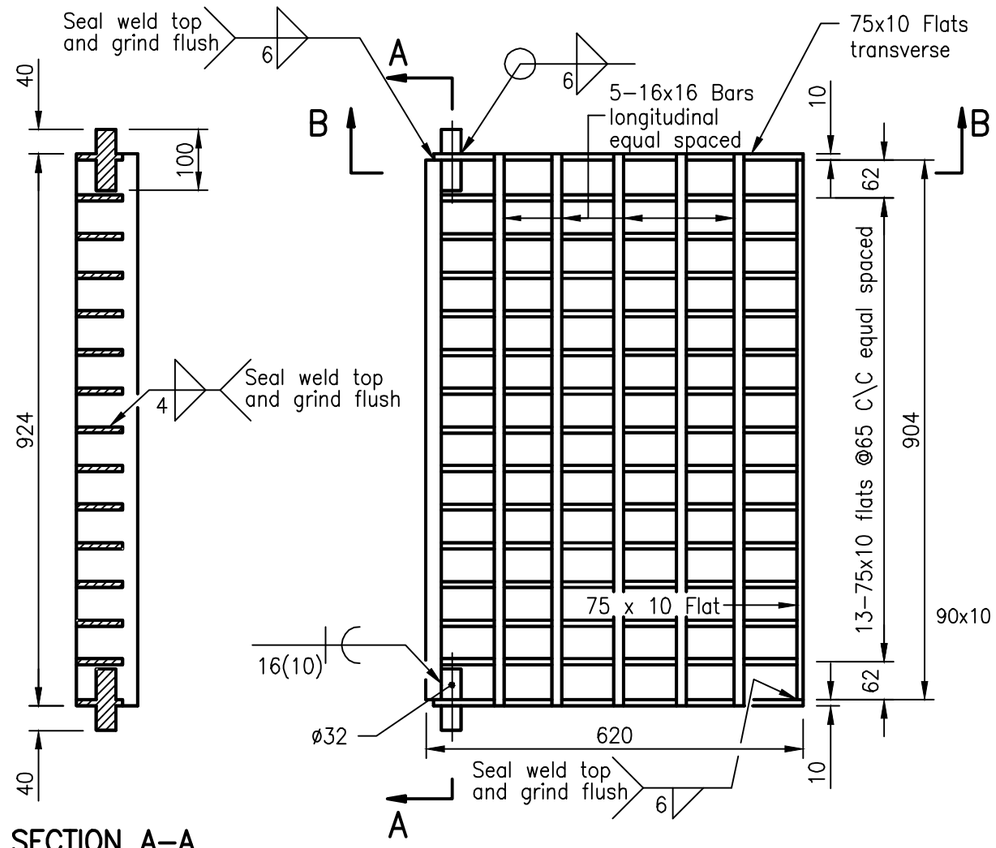


SECTION B–B

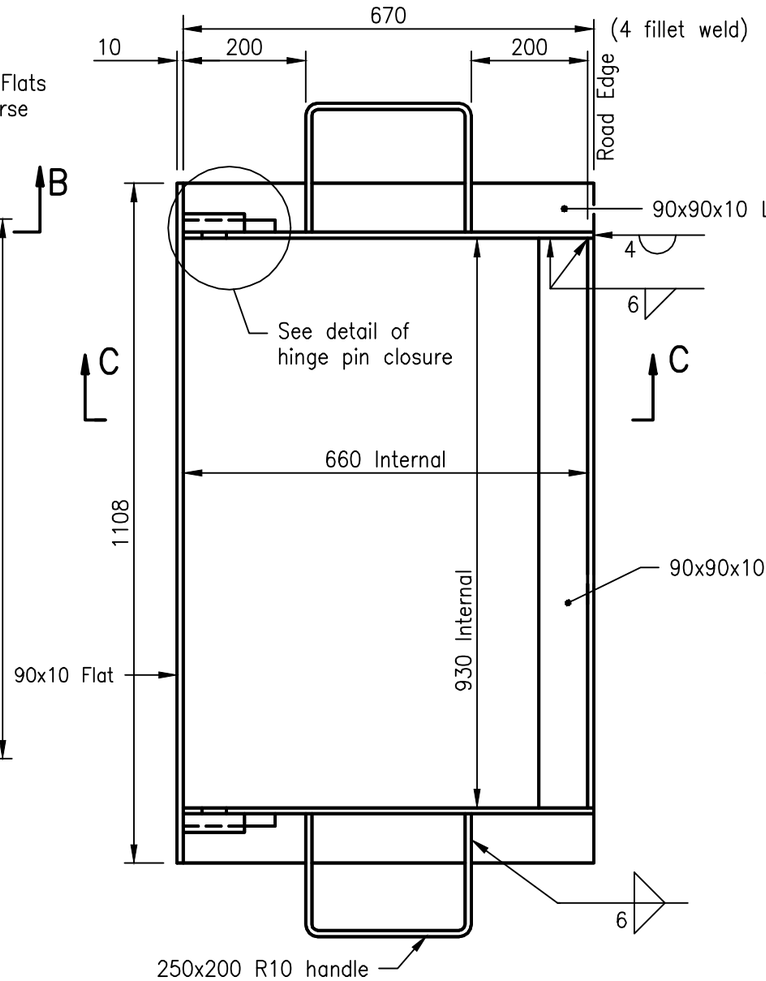


SECTION C–C

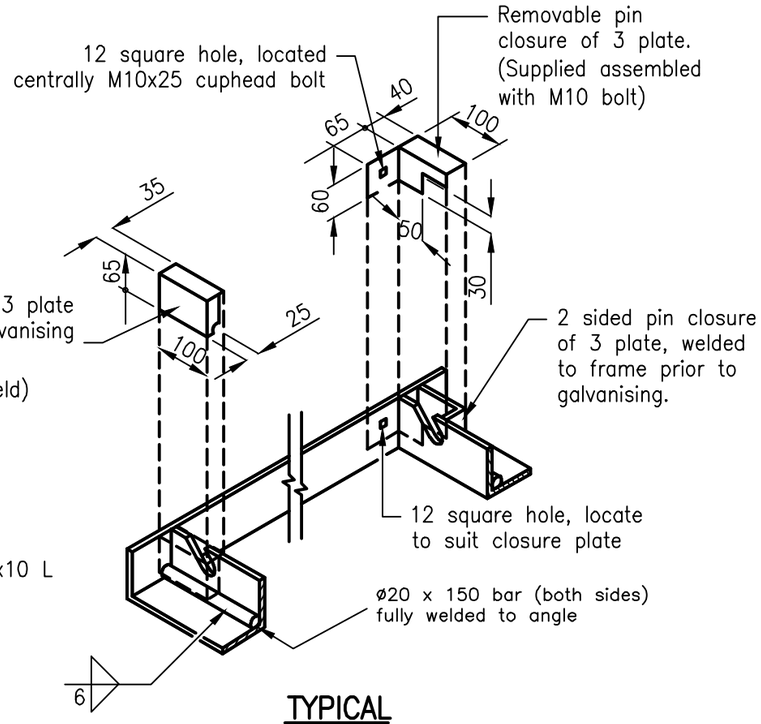


SECTION A–A

PLAN OF GRATE



PLAN OF FRAME



TYPICAL DETAIL OF HINGE PIN CLOSURES

A locking device shall be provided in accordance with clause 3.2.1.4 of AS 3996.

NOTES:

1. Mass of grate = 85 kg.
2. Mass of frame = 39 kg.
3. All steel flats Grade 250 to AS 3678.
4. All steel bars and angles Grade 250 to AS 3679.
5. Grate, Frame and Hinge to be hot dip galvanised after fabrication to AS 1650.
6. All bolt hexagonal heads to AS 1111, Nuts to AS 1112, Washers to AS 1237 and Galv. to AS 1214.
7. All welds to AS 1554. Welding symbols to AS 1101.3.
8. Refer Std Dwg DS–060 and DS–063 for kerb inlet details Refer Std Dwg DS–061 for precast lintel details.
9. Grate and Frame to be Class D bicycle safe to AS 3996.
10. Alternative fabricated steel grate and frame may be used when approved by relevant Council
11. 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
D	06/16	Review
C	06/14	Review
B	03/14	Amended Drawing Number
A	10/12	ORIGINAL ISSUE

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
STANDARD DRAWINGS

DRAINAGE PITS
KERB INLET
GRATE AND FRAME

DS–062