This drawing is an amendment of the approved drawing.

Section A

Details:
- Panel Type B1A & B1B
  - Panels with expansion joint
  - Panels Type B are for posts on bridge deck, kerb extensions & wingwalls
  - Panels Type B1A & B1B are for posts on footings

Panel Type B2A & B2B
- Type A panel posts only, Type B panels have no base plate

Panel Type B3A & B3B
- Ø20 air release hole (typ)

Panel Type B4A & B4B
- 136.5 x 90mm M.S. Bar

Panel Type B5A & B5B
- 876 x 355 M.S. Bar

Panel Type B6A
- Ø28 holes for plug welds

Panel Type B6B
- Ø38 x 75 long shear studs

Typical Connection Details
- Notes:
  1. All R.H.S. shall conform to AS 1163 Grade 300.
  2. All other steel shall be mild steel to AS/NZS 1100.2.20.02.
  3. All welding shall conform to AS/EN 255 and be structural purpose unless otherwise noted.
  4. All steelwork including rails, posts, bolts, nuts, washers and washers shall be hot galvanised to AS/NZS 4690.
  5. Nuts for galvanised bolts shall be tapfered overdrive in accordance with AS 1218.
  6. All posts and balustrades shall be set vertical.
  7. Balustrade shall be made to match the horizontal and vertical alignment of the bridge and approach footpaths and shall be free from kinks and abrupt changes in direction.
  8. Dimension shall be 50 ± 5°C and shall be increased by 3.64°C per °C fall in temperature and decreased by 3.64°C per °C rise in temperature.
  9. Any additional air release holes from those shown on the drawings required for galvanising shall be concealed and sealed against ingress of water with silicon rubber joint sealers or similar approved.
  10. Fabrication and erection shall comply with the requirements of AS 9000.

Approval:
Approved by: L. Ross
Approved: 8/3/94

9430-0054-7

This drawing shall be read in conjunction with the project specific drawings showing railing and parapet panels layout and installation details.