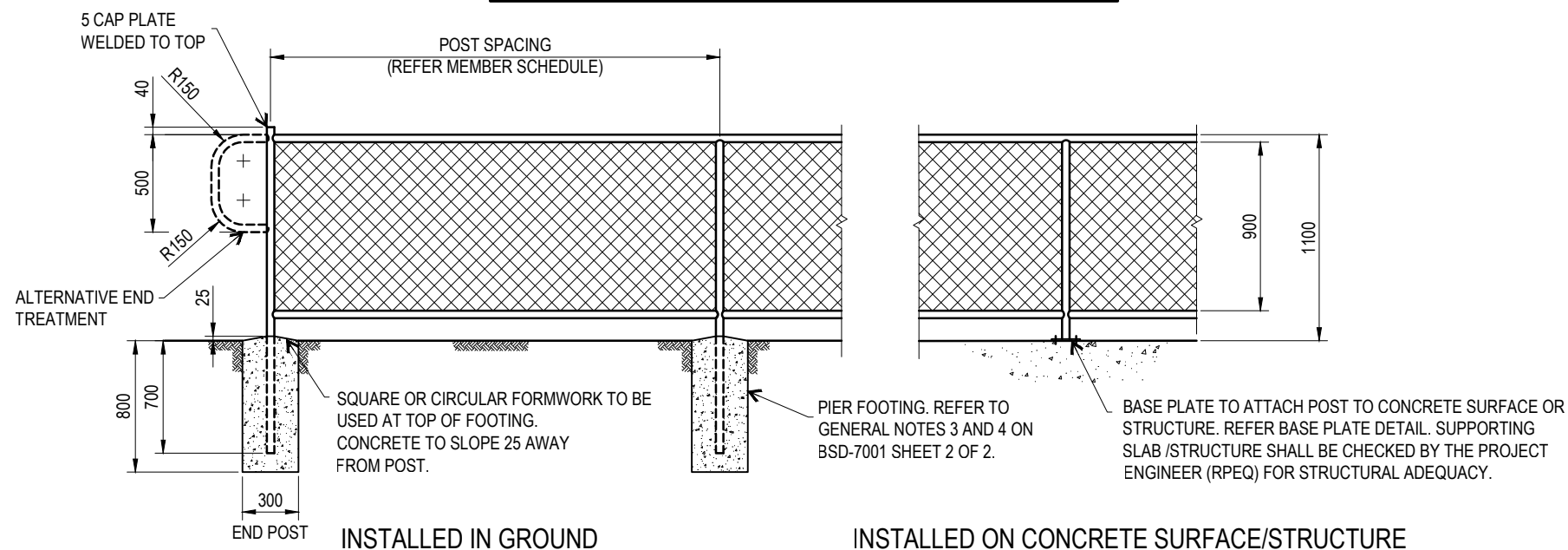
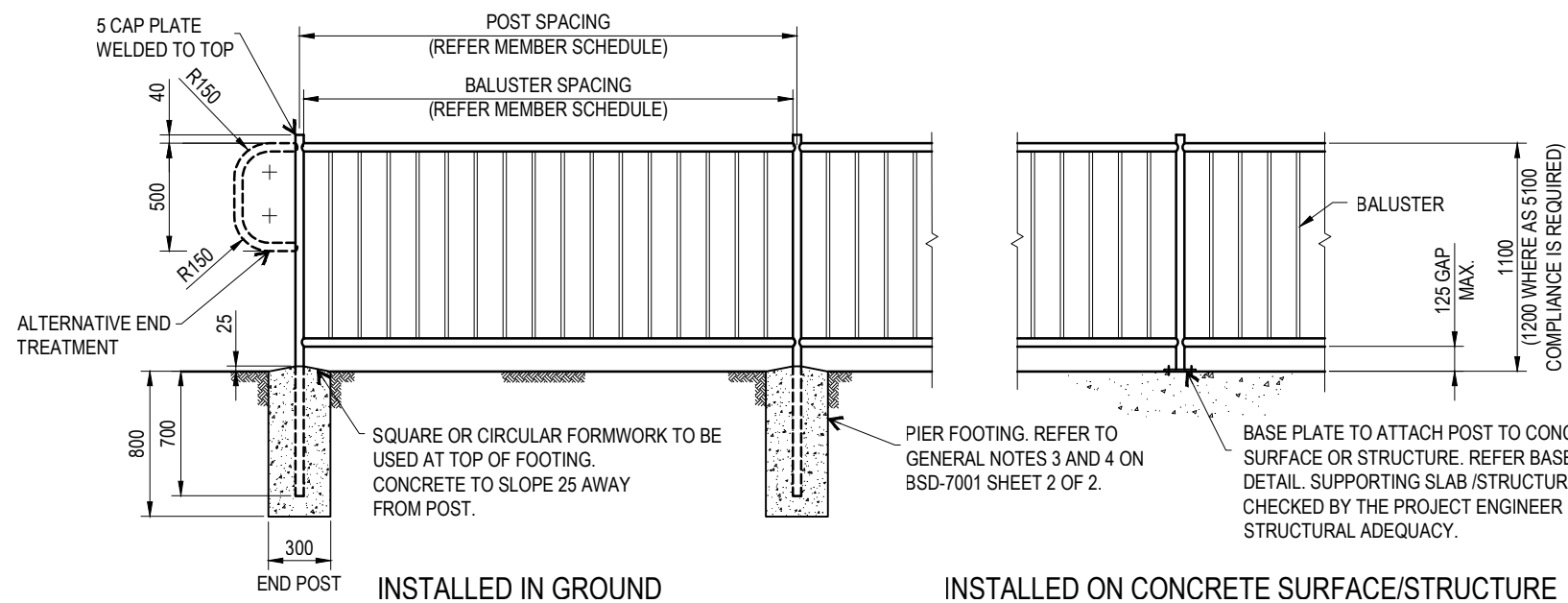


**PEDESTRIAN FENCE / BARRIER - OPTION 1**



**PEDESTRIAN FENCE / BARRIER WITH CHAIN WIRE - OPTION 2**



**PEDESTRIAN FENCE / BARRIER WITH BALUSTERS - OPTION 3**

| MEMBER SCHEDULE                                   |                                   |                                    |
|---|-----------------------------------|------------------------------------|
| WHERE THERE IS NO FALL HEIGHT (LEVEL GROUND)      |                                   |                                    |
| ELEMENT   | HOT DIPPED GALVANISED             | STAINLESS STEEL (GR316)            |
| POSTS   | 48.3 x 4.0 CHS (AT 2400 MAX. CTS) | 48.3 x 5.08 CHS (AT 2400 MAX. CTS) |
| GATE/END POSTS                                    | 76.3 x 3.6 CHS                    | 73 x 5.16 CHS                      |
| RAILS   | 48.3 x 4.0 CHS                    | 48.3 x 3.68 CHS                    |
| BASEPLATE (WHERE REQUIRED)                        | TYPE 1                            | TYPE 1                             |
| WHERE FALL HEIGHT IS LESS THAN 1.0m               |                                   |                                    |
| ELEMENT   | HOT DIPPED GALVANISED             | STAINLESS STEEL (GR316)            |
| POSTS   | 48.3 x 4.0 CHS (AT 1400 MAX CTS)  | 48.3 x 5.08 CHS (AT 1400 MAX. CTS) |
| RAILS   | 48.3 x 4.0 CHS                    | 48.3 x 3.68 CHS                    |
| BASEPLATE (WHERE REQUIRED)                        | TYPE 2                            | TYPE 2                             |
| WHERE FALL HEIGHT IS 1.0m OR GREATER USE OPTION 3 |                                   |                                    |
| ELEMENT   | HOT DIPPED GALVANISED             | STAINLESS STEEL (GR316)            |
| POSTS   | 48.3 x 4.0 CHS (AT 1400 MAX. CTS) | 48.3 x 5.08 CHS (AT 1400 MAX. CTS) |
| POSTS (WHERE AS5100 COMPLIANCE IS REQUIRED)       | 76.1 x 4.5 CHS (AT 1400 MAX. CTS) | 73 x 5.16 CHS (AT 1400 MAX. CTS)   |
| GATE/END POSTS                                    | 76.1 x 3.6 CHS                    | 73 x 5.16 CHS                      |
| RAILS   | 48.3 x 4.0 CHS                    | 48.3 x 3.68 CHS                    |
| BALUSTERS   | 16 DIA. ROD AT 130 MAX. CTRS      | 16 DIA. ROD AT 130 MAX. CTRS       |
| BASEPLATE (WHERE REQUIRED)                        | TYPE 2                            | TYPE 2                             |

NOTE: REFER TO GENERAL NOTES 5 & 6 ON BSD-7001 SHEET 2 OF 2 FOR DESIGN ASSUMPTIONS.

**NOTES:**

- FOR MARINE ENVIRONMENTS OR ENVIRONMENTS WITH A CORROSIVITY CATEGORY OF C4 OR GREATER (IN ACCORDANCE WITH AS2312), ONE OF THE FOLLOWING PROTECTIVE TREATMENT OPTIONS TO BE ADOPTED:
  - OPTION A:** ALL STEEL MEMBERS, FASTENERS, INCLUDING BOLTS, NUTS AND PLATES SHALL BE GRADE 316 STAINLESS STEEL (REFER STAINLESS STEEL NOTES - SHEET 2). ANCHOR BOLTS TO BE GRADE 316 STAINLESS STEEL A4-50 MINIMUM. WIRE MESH AND WIRE TIES SHALL BE GRADE 316 STAINLESS STEEL.
  - OPTION B:** ALL STEEL MEMBERS TO BE HOT DIPPED GALVANISED IN ACCORDANCE WITH AS/NZS4680 AND PAINTED WITH A SYSTEM SUITABLE FOR A CORROSION CATEGORY C4 ENVIRONMENT. THE GALVANISED STEEL SHALL BE PREPARED AND COATED IN ACCORDANCE WITH AS/NZS2312.2 AND GALVANISERS ASSOCIATION OF AUSTRALIA GUIDELINES. MINIMUM SYSTEM REQUIREMENTS AS FOLLOWS (AFTER HOT DIP GALVANISING):
    - CLEAN AND DEGREASE
    - BRUSH BLAST
    - 2 COATS OF HIGH BUILD OR 2 PACK EPOXY (MINIMUM DFT 250µm)
    - 2 COATS OF 2 PACK POLYURETHANE OR 2 PACK ACRYLIC (MINIMUM DFT 50µm/COAT)
 PAINT COLOUR TO BE IN ACCORDANCE WITH BCC CORPORATE COLOUR PALATTE (REFER BSD-1003). WIRE MESH AND WIRE TIES TO BE HOT DIPPED GALVANISED AND PVC COATED. ANCHOR BOLTS TO BE GRADE 316 STAINLESS STEEL A4-50 MINIMUM. STAINLESS STEEL ANCHOR BOLTS TO BE ISOLATED FROM GALVANISED/PAINTED STEEL BASE PLATE USING NYLON WASHERS.
- CHAIN WIRE TO BE 900 HIGH x 3.15 THICK x 50 MESH TO AS2423. CHAIN WIRE TO BE FIXED USING 1.6 THICK WIRE, TIED TO POSTS AT 2 LOCATIONS AND CONTINUOUSLY LACED TO RAILS. MESH AND TIES TO BE HOT DIPPED GALVANISED. FOR MARINE ENVIRONMENTS, PROTECTIVE TREATMENT FOR MESH TO BE AS PER EITHER OPTION A OR B IN NOTE 1.
- REFER DRAWING BSD-7001 SHEET 2 OF 2 FOR NOTES AND BASEPLATE DETAILS

THE PURPOSE OF THIS STANDARD DRAWING IS TO PROVIDE TYPICAL DETAILS THAT SUPPORT THE DESIRED OUTCOMES OF THE BRISBANE CITY PLAN 2014 AND ASSOCIATED PLANNING SCHEME POLICIES. THE FITNESS FOR PURPOSE OF THIS STANDARD DRAWING FOR A SPECIFIC PROJECT SHOULD BE ASSESSED AND ACCEPTED BY AN APPROPRIATELY QUALIFIED DESIGNER AND/OR REGISTERED PROFESSIONAL ENGINEER OF QUEENSLAND (RPEQ).



BRISBANE CITY COUNCIL STANDARD DRAWING

PEDESTRIAN FENCE/BARRIER  
GALVANISED TUBULAR HANDRAIL  
SHEET 1 OF 2

|                |              |
|----------------|--------------|
| PUBLISH DATE   | JUN 2023     |
| SCALE          | NOT TO SCALE |
| DRAWING NUMBER | BSD-7001     |
| ORIGINAL SIZE  | A3           |
| REVISION       | D            |