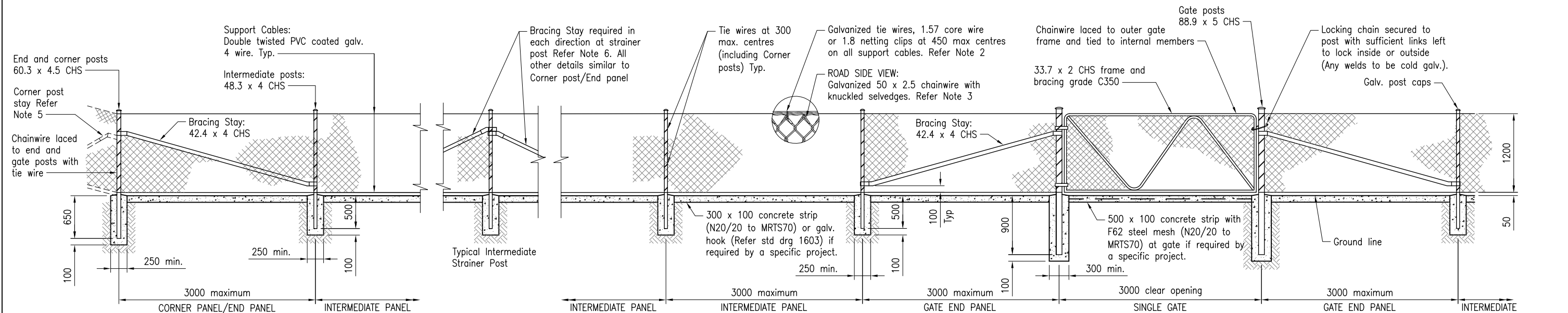
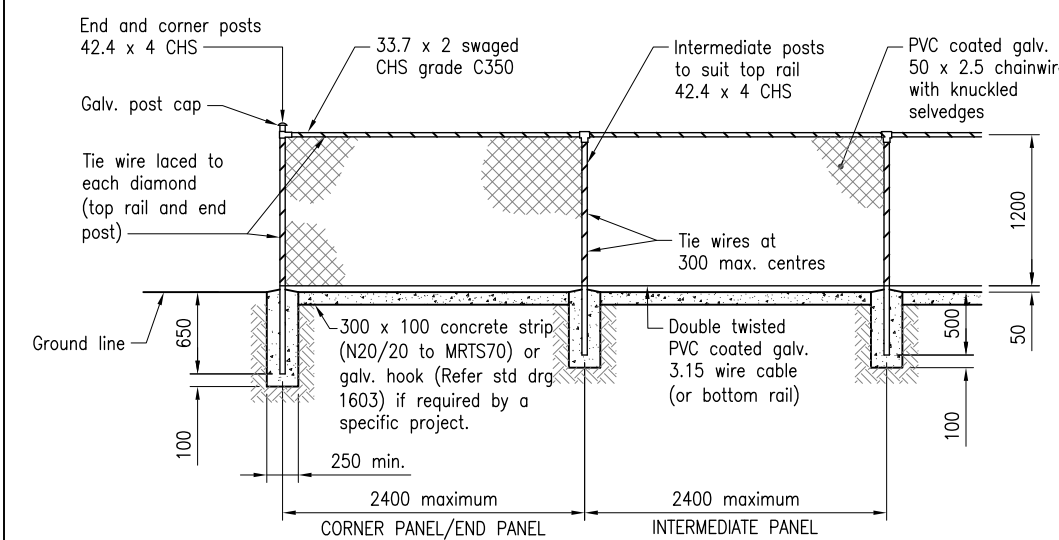


**1800 HIGH FENCE**



**1200 HIGH FENCE**



**1200 HIGH FENCE WITH TOP RAIL**

**NOTES:**

- SCOPE:**
- SC1. This Standard Drawing provides minimum requirements for security fencing for access control only, and shall be constructed in accordance with MRTS14. Selection of a fence is in accordance with RPDM Vol 3 Part 6B. The selection of the fence height is specified by the project.
  - SC2. The chainwire fence is not intended for use as a rockfall fence. A site-specific geotechnical investigation is required to determine the appropriate type of fence for rockfall protection. Proprietary rockfall fences may be available for use on a case by case basis.
  - SC3. When installing a chainwire fence adjacent to roads or traffic, it is essential to conduct a site specific risk assessment in accordance with RPDM Vol 3 Part 6 beforehand. This assessment should ensure that the fence is appropriately located and installed to prevent any safety hazards.

**GENERAL:**

- 1. GALVANIZED CHAINWIRE shall conform to AS 2423, with a mesh size of 50mm and 2.5mm diameter wire. and coated with green PVC.
- 2. TIE/LACING WIRE shall be 1.57mm green PVC coated galvanized wire unless specified otherwise.
- 3. SELVEDGES: Barbs on top selvedge are installed where anti-climbing is required by a specific project. Otherwise, knuckled selvages are used at top and bottom.
- 4. Footing sizes shown on this drawing are for flat ground conditions only. Where the ground slope is steeper than 1V:4H, footing advice shall be obtained.
- 5. CORNER POSTS shall be adopted where the change in angle in horizontal alignment exceeds 20 degrees.
- 6. STRAINER POST: Provide bracing stays in each direction at strainer post between 2 intermediate panels in each 150m intervals on straight lengths of fence.
- 7. CONCRETE shall be in accordance with MRTS70. Concrete strength N32/20.
- 8. DIMENSIONS are in millimetres unless shown otherwise.

**REFERENCED DOCUMENTS:**

- Departmental Standard Drawings:
- 1603 – Fencing – Koala Proof Fence and Gate
  - 1615 – Fauna Exclusion Fencing – Floppy Top Mesh Fence and Gate
- Departmental Specifications:
- MRTS14 Road Furniture
  - MRTS70 Concrete
  - MRTS78 Fabrication of Structural Steelwork
- Australian Standards:
- AS/NZS 1163 Cold-formed Structural Steel Hollow Sections
  - AS 1725.1 Chain Link Fabric Fencing, Part 1: Security Fences and Gates – General Requirements
  - AS 2423 Galvanized Wire Fencing Products

|  |   |              |             |  |
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| <b>SECURITY FENCING</b>                |   |              |             |  |
| <b>CHAINWIRE FENCES AND GATES</b>      |   | Not to Scale | <b>1602</b> | Date 11/2024   |
| A                                      | B | C            |             |  |