**MINOR WATERWAY CROSSING DETAIL**

Shown with Strainer Posts

- 4 Wire Strands
  - Ø3.5 Galvanised Wire or
  - Ø2.50 High Tensile Galvanised Wire
  - Tied Around Strainers and Tied Back to Strainers

**MAJOR WATERWAY CROSSING DETAIL**

Shown with Strainer Posts and Single Angle Strut Assemblies

- 4 Wire Strands
  - Ø3.5 Galvanised Wire or
  - Ø2.50 High Tensile Galvanised Wire
  - Tied Around Strainers and Tensioned Using Turnbuckle
  - Ø75-Ø100 Treated Pine Pole
  - 1800 Minimum Length or Approved Equivalent

**FENCE DETAIL AT ROCK OUTCROP**

- Post holes to be drilled to a nominal depth of 400mm
- Tie Max endure bottom wire is clear of ground

**POST SPACING TO SUIT**

(Post spacing may vary by 1m to avoid rock)

**SUPERSEDED DRAWINGS**

This drawing supersedes drawings 9699-095 & 9699-565.

**DRAWING REFERENCES**

- Prefabricated Fencewire Details
  - 200335-997
- Plain Fencewire Details
  - 200335-998
- Timber Strainer and Post Details
  - 290331-101
- Steel Pipe Strainer and Post Details
  - 290331-102
- Steel Angle Strainer & Post Details
  - 290331-103

**NOTES**

**WATERWAYS CROSSING**

1. Treated pine poles are to be wired to fence mesh through holes drilled in pole approximately 100 from each end of pole.
2. Treated pine poles are to be a maximum of 3000 apart across the entire base width of the watercourse.
3. Wire mesh between Strainers A & B is to be a separate panel loosely tied at Strainers A & B.
4. Wire mesh between Strainers A is to be tensioned to manufacturer’s specifications and tied off at Strainer A.
5. Wire mesh to be tensioned to manufacturer’s specifications and tied off at Strainers B.
6. All wires to be joined by Figure of 8 knot or wire joiners as per industry standard.
7. Actual Strainer Assemblies may vary, refer to reference drawings for details.

**ROCK OUTCROP**

8. If holes for intermediate Strainers or Steel Strainer Assemblies need to be drilled, the resultant holes must be concreted.
9. Position of Strainers to be as specified in the associated fencing layout drawings.
10. Pastoral fence posts are to be situated to limit wire clearance above ground level to between 400 and 600.

**METHOD OF JOINING WIRES**

(Or approved alternative)

**METHOD OF TYING OFF AT STRAINER ASSEMBLIES**

**ALL UNITS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.**

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**MAIN ROADS**

**ROAD AND TRAFFIC ENGINEERING BRANCH**

**TECHNICAL AND ENVIRONMENT DIRECTORATE**

**200331-105**

**STANDARD DRAWING**

**ROCK / WATER CROSSINGS**

**DATE**

67-08-24