

CORNER POST ASSEMBLY END POST SIMILAR

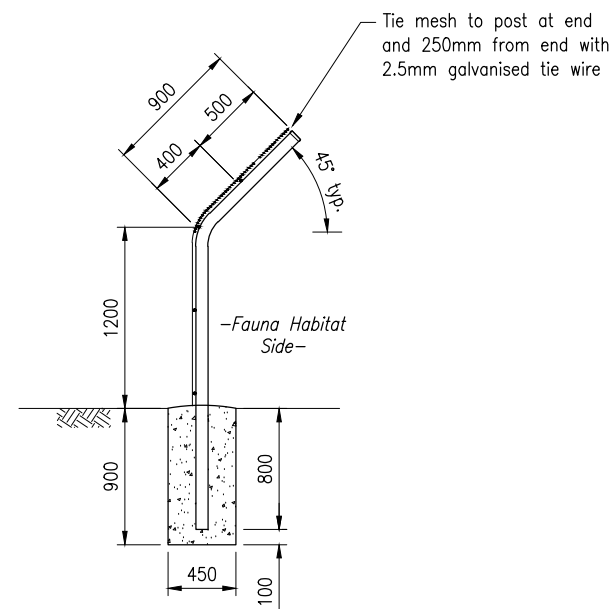
Viewed from fauna habitat side

FAUNA EXCLUSION FENCE TYPICAL ARRANGEMENT

Viewed from fauna habitat side

TYPICAL INTERMEDIATE STRAINER POST ASSEMBLY

Viewed from fauna habitat side

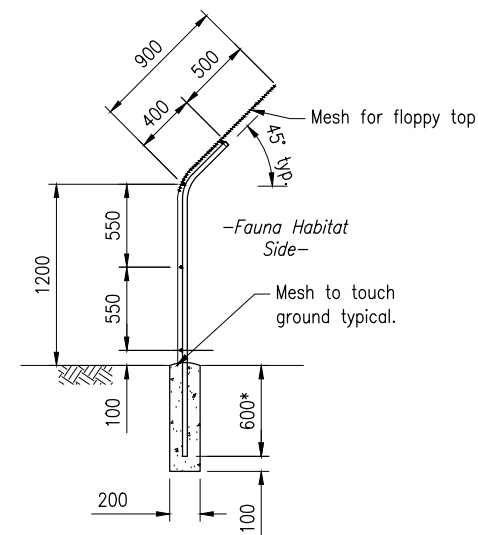


CORNER, END AND STRAINER POSTS GANGLE CHANGE ≥ 30 DEGREES OF HORIZONTAL ALIGNMENT

Posts
88.9 x 5.0 CHS
Grade C250LO galvanised

CORNER, END AND STRAINER POSTS ANGLE CHANGE < 30 DEGREES OF HORIZONTAL ALIGNMENT

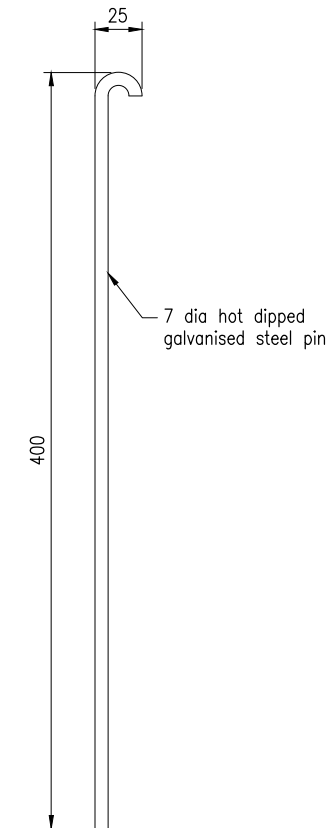
Posts
60.3 x 4.5 CHS
Grade C250LO galvanized



INTERMEDIATE POSTS

Post
42.4 x 4.0 CHS
Grade C250LO galvanized

*Increase footing depth to 900mm where ground RL varies by 800mm or more over 4m



FASTENING PIN DETAIL

NOTES:

- SCOPE: This Standard Drawing provides details of floppy top fauna proof mesh fencing for TMR projects, and shall be constructed in accordance with MRTS14. FENCE SELECTION. A suitable selection for fauna fence shall take in to consideration roadside safety, the environment, the proximity to public areas and aesthetic appearance based on proposed location.
- FENCE INSTALLATION REQUIREMENTS:
Connection to bridges shall be as detailed in the bridge drawings.
Connection to other structures: Ensure any gaps between fencing and adjacent structures are restricted to maximum 50, and without introducing any hazards for others. Permission of the structure owner shall be sought by the project designer.
- FENCE AT CULVERTS:
Treatment of fencing around culverts shall be similar as detailed on standard drawing 1603.
- CONCRETE shall be in accordance with MRTS70. Concrete strength N25/20.
- POSTS shall be fitted with galvanised weather caps.
- STEELWORK shall be fabricated to the requirements of MRTS78.
CHS shall be Grade C250LO or Grade C350LO to AS/NZS 1163 as shown on the drawings.
Flat bar shall be Grade 300 to AS/NZS 3679.1.
Bolts Class 8.8, nuts Class 8 and washers for Class 8.8 bolts to AS/NZS 1252.
All nuts shall be snug tight in accordance with AS 4100.
Galvanized fencing wire, tie/lacing wire and galvanized chainwire shall conform to AS 2423.
All bolts and nuts shall be hot dip galvanised to AS 1214.
All other steelwork shall be hot dip galvanized to AS/NZS 4680.
- All DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

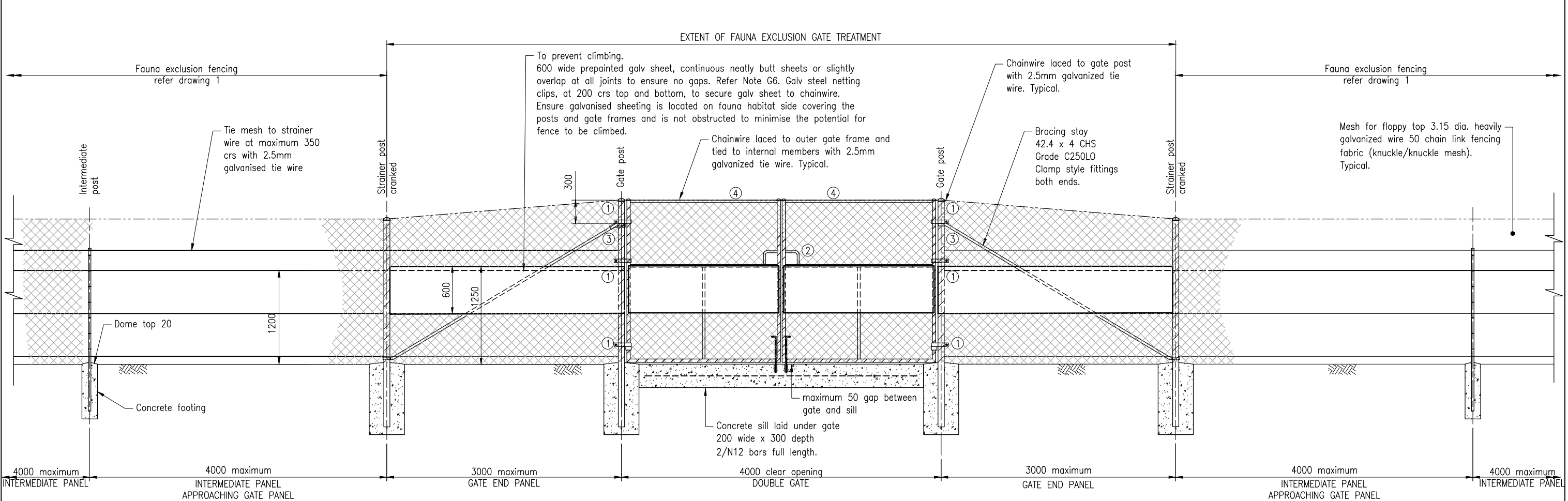
Standard Drawings
Specifications

Departmental Specifications

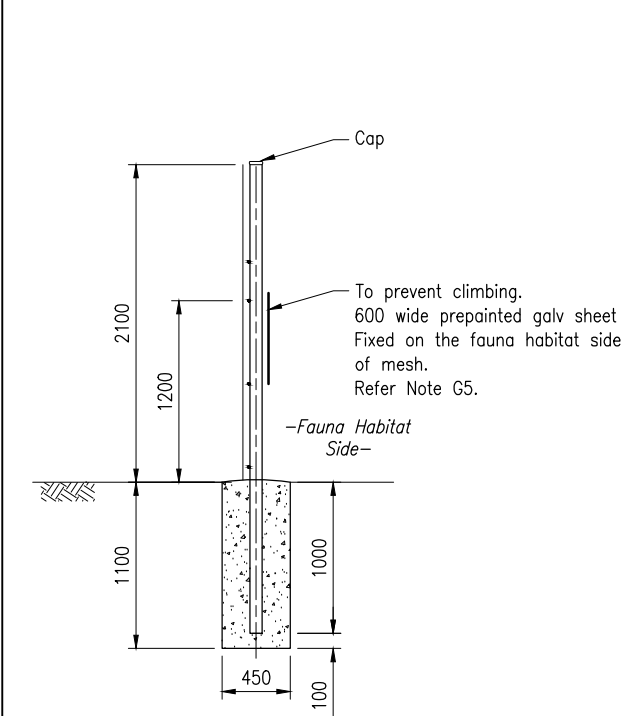
MRTS14 Road Furniture
MRTS70 Concrete
MRTS78 Fabrication of Structural Steelwork

The purpose of This Standard Drawing is to provide typical standard details.
The fitness for purpose of these details for a specific project shall be designed and certified by an RPEQ.
The details specific to the project shall be shown on the project specific drawings.

Department of Transport and Main Roads					
FAUNA EXCLUSION FENCING				© The State of Queensland (Department of Transport and Main Roads) 2025 http://creativecommons.org/licenses/by/4.0/	
FLOPPY TOP MESH FENCE AND GATE		A3		Standard Drawing No	
DRAWING 1 of 2		Not to Scale		1615	
		A B		Date 7/2025	

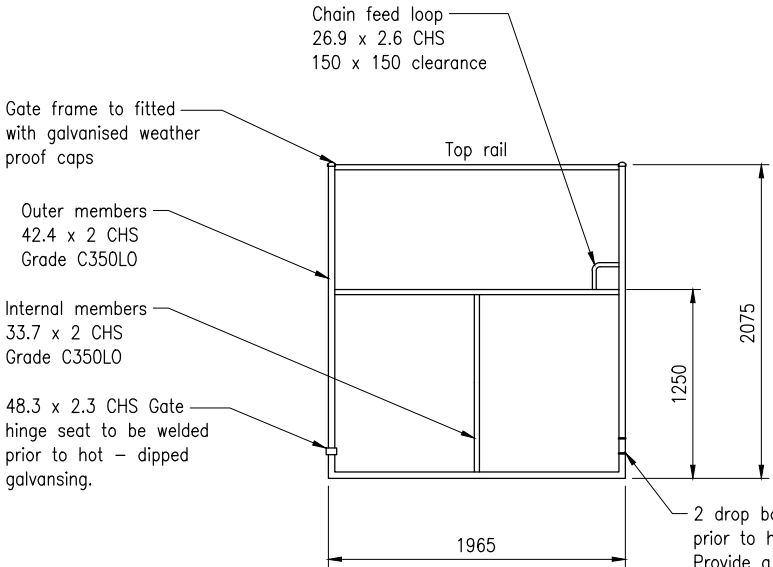


FAUNA EXCLUSION GATE TREATMENT
Viewed from fauna habitat side



GATE POST

Posts
88.9 x 5.0 CHS
Grade C250L0 galvanized



GATE FRAME

GATE, HINGE AND LATCH DETAILS

Label	Component	Size	Comment
1	Clamp style hinge	88.9/42.4	
2	Chain latch	5mm	5mm Chain securely retained with Dee shackle to one gate
3	Clamp style fitting	88.9/42.4	
4	Gate Frame -outer members -internal members -top rail -chain feed loops	As per detail	Include drop bolt and keeper, weather proof caps

GATE NOTES:

- G1. SCOPE: This Standard Drawing Sheet 2 of 2 provides details of the gate treatment for floppy top fauna proof mesh fencing for TMR projects, and shall be constructed in accordance with MRTS14.
- G2. Gaps at adjacent structures shall be minimised. Max gap 25mm u.n.o.
- G3. CONCRETE shall be in accordance with MRTS70. Concrete strength N25/20.
- G4. Galvanised weather caps shall be provided on all posts.
- G5. PREFINISHED/ PREPAINTED GALVANIZED STEEL SHEET shall be 0.4mm BMT to AS 2728. Sheet shall be coloured on both sides as nominated in the project specific documentation. The nominated colour shall face the road.
- G6. STEELWORK shall be fabricated to the requirements of MRTS78. CHS shall be Grade C250L0 or Grade C350L0 to AS/NZS 1163 as shown on the drawings. Galvanized fencing wire, tie/lacing wire and galvanized chainwire shall conform to AS 2423. All other steelwork shall be hot dip galvanized to AS/NZS 4680. Prior to galvanizing all weld splatter and welding slag shall be removed.
- G7. WELDING shall be to AS/NZS 1554.1. All welds except location tack welds shall be SP category. Welding consumables shall be controlled hydrogen type G493 to AS/NZS ISO 14341-B or T493 to AS/NZS ISO 17632-B.
- G8. DIMENSIONS are in millimetres.

ASSOCIATED DEPARTMENTAL DOCUMENTS:
Standard Drawings
Specifications

Departmental Specifications
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Department of Transport and Main Roads					
FAUNA EXCLUSION FENCING		Standard Drawing No		1615	
FLOPPY TOP MESH FENCE AND GATE		A3		Date 7/2025	
DRAWING 2 of 2		Not to Scale			
		A		B	