



CHAIN MESH FENCING SIDE VIEW

CHAIN MESH FENCING ELEVATION

1800mm SHOWN

NOTES:

- Drawing in millimetres unless noted otherwise.
- Chain mesh fencing to be used only where specified by design team.
- Strainers to be situated at corners of fence and changes in direction.
- Two number (2) separate end posts to be used at corners.
- All concrete 25 MPa at 28 days.
- Gate, end & corner posts - Medium grade post with top cap, set in concrete footings. Refer to schedule for post and footing sizes.
- Intermediate posts - Medium grade posts set in concrete footings. Refer to schedule for post and footing sizes.
- Top and bottom rails - Medium grade posts clamped to posts with split clamp on fittings. Top rail installed in continuous lengths clamped to top of posts with screw & socket splice joints at 6500mm intervals. Alternatively butt join (minimum 3 panel lengths) centrally over post with internal sleeve joiner. Bottom rail to be installed in one piece without joints clamped to posts and set within 60mm of ground. Refer to schedule for post and footing sizes.
- Chain-link mesh (heavy duty fabric) - 50 pitch x 3.15mm wire core Black PVC coated. Mesh fully laced to top & bottom rails and end posts, through each mesh, with 2.00mm galvanised black PVC coated wire core. Provide one tier per intermediate post mid-way between rails.
- Gates (singles & doubles) - Framed with medium grade galvanised pipe with galvanised pipe vertical bracing at 1000mm max spacings. Provided with D-latch and striker plus long and short drop bolts for double gates. Gates to be hinged to posts with clamp on fittings teck screwed to posts to prevent slippage. Refer to schedule for post and footing sizes.
- All pipework and fittings to be galvanised and powder coated black.
- Footing depths to be increased by 300 in loose or sandy soil, when directed.
- Where excavation will occur, contractor must conduct a Dial Before You Dig ([www.1100.com.au](http://www.1100.com.au)).

Fencing member schedule and concrete footings				
Nominal height of chain-link fabric (mm)	Type of post/rail stay	Nominal size (DN)	Minimum size of concrete footings	
			Diameter (mm)	Depth (mm)
900 - 1800	Corner posts	DN 50	250	750
	End posts	DN 50	250	750
	Strainer posts	DN 50	250	750
	Intermediate posts	DN 40	250	600
	bracing rail or stay	DN 32	250	600
	Pipe rail	DN 32		
	Optional backstays	DN 32	250	600
3000	Corner posts	DN 80	300	900
	End posts	DN 80	300	900
	Intermediate posts	DN 50	250	750
	bracing rail or stay	DN 40	250	750
	Pipe rail	DN 40 or 32		
	Optional backstays	DN 40 or 32	250	600

Fence and posts must comply with AS1725.1 and AS1725.2 in all other aspects.

Disclaimer:

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DRAWING NOT TO SCALE		Drawing Title <b>CHAIN MESH FENCING WITH PIPE TOP RAIL FOR SPORTING FACILITIES</b>
Approved	Project Services	
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