

Notes

- All dimensions are in millimetres.
- All fencing to BS 1722-7:2006.
- Main posts to be set in concrete unless otherwise specified.
- Nails to BS 1202-1 and hot-dip galvanised to BS EN ISO 1461.
- The fence shall follow lines and levels as specified by the Engineer. The top of the fence shall follow approximately the profile of the ground, to levels previously indicated by the Engineer.
- Positions of services shall be determined on site before excavation for posts.
- Main posts shall be provided at intervals, measured centre-to-centre of the posts, of not more than 2.85 m for morticed fences and not more than 1.8 m for nailed fences.
- Main posts shall be set vertically below ground to a minimum depth of 0.6 m for fences up to 1.2 m high, and 0.7 m for fences 1.3 m high.
- Concrete surrounding the base of the main posts shall fill at least half the depth of the hole.
- One prick post shall be provided in each bay of a morticed fence and shall be driven vertically into the ground to a depth of 0.45 m. It shall be positioned centrally within the bay.
- The lead installer should hold a current FISS/CSCS registration card skilled level (blue card) or equivalent and all other operatives should hold a basic fence operative card (green card) or equivalent.
- Generally "shin-rail" fencing shall be 300 from ground to top of rail, "knee-rail" shall be 450 from ground to top of rail & "waist-rail" shall be 750 from ground to top of rail.

Do not scale this drawing

Rev	Date	Checked
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Drawing No.
SD/300/01

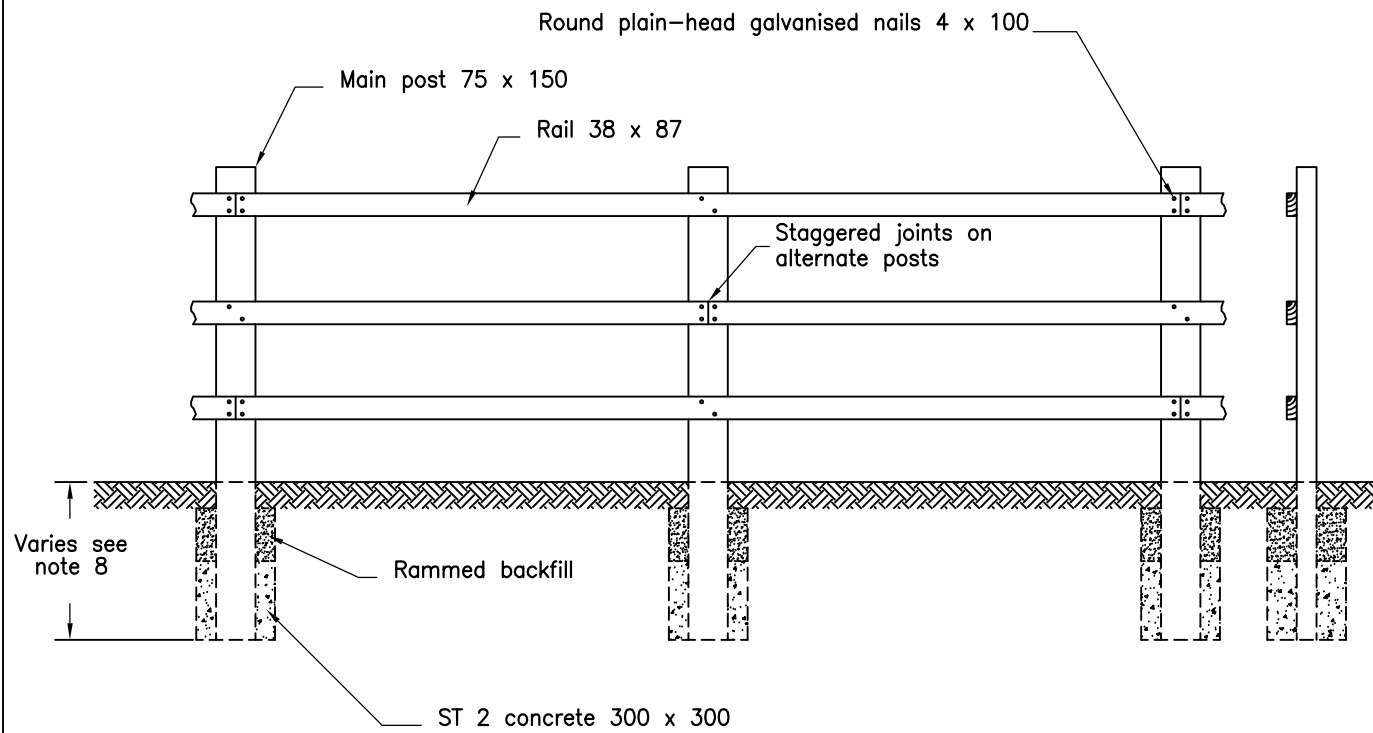
Scale **NOT TO SCALE** Date **MAR 11**

Department of Environment,
Culture & Communities

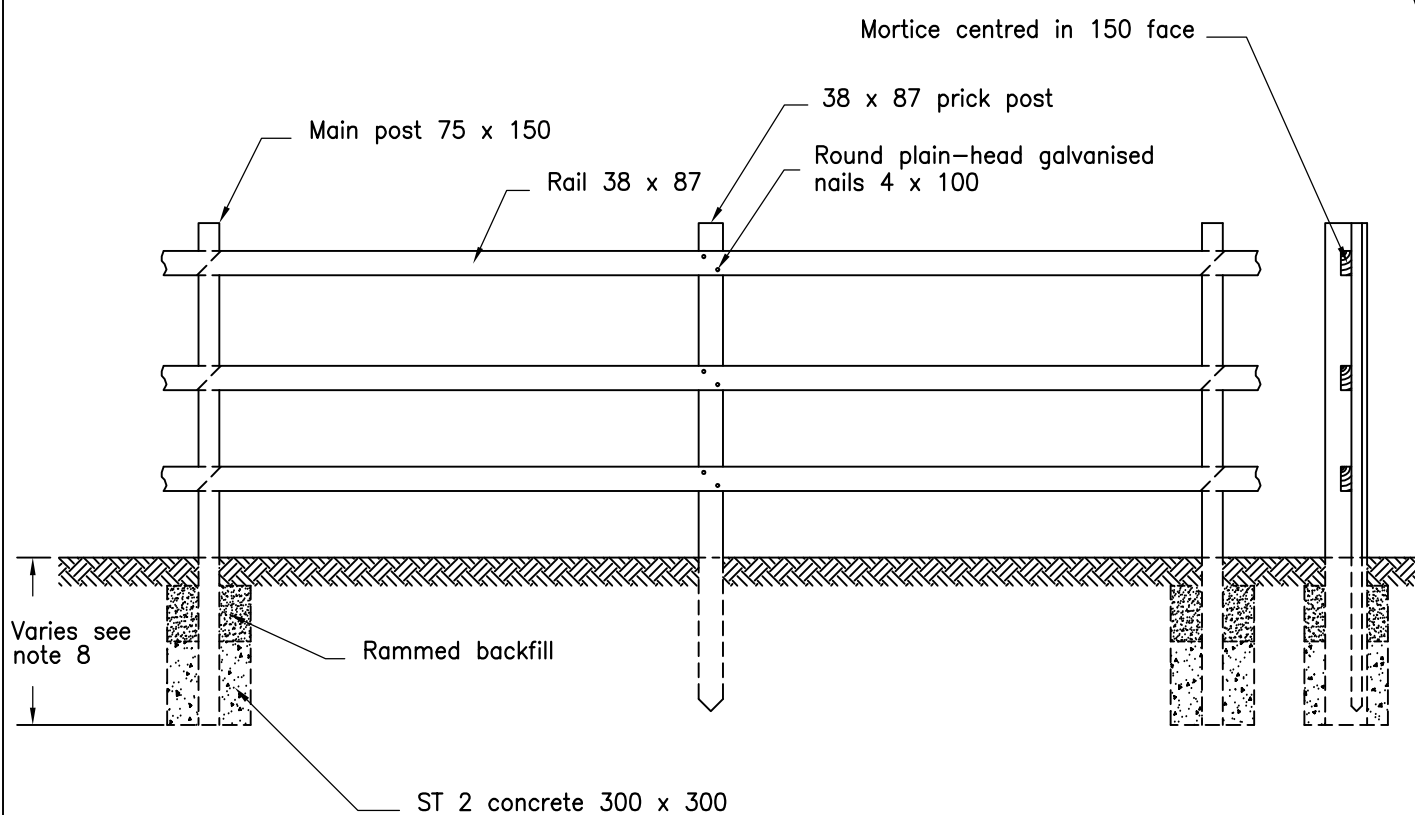
General characteristics of sawn post and rail fences

Fence type designation		Height from ground to top of top rail	Length of main posts	Length of prick posts a)	Number of rails	Spacing between rails at posts, from top to bottom b)
Morticed	Nailed	m	m	m		mm
MPR 11/3	SPR 11/3	1.1	1.80	1.60	3	325, 275
MPR 11/4	SPR 11/4	1.1	1.80	1.60	4	225, 200, 175
MPR 13/4	SPR 13/4	1.3	2.10	1.80	4	250, 250, 225

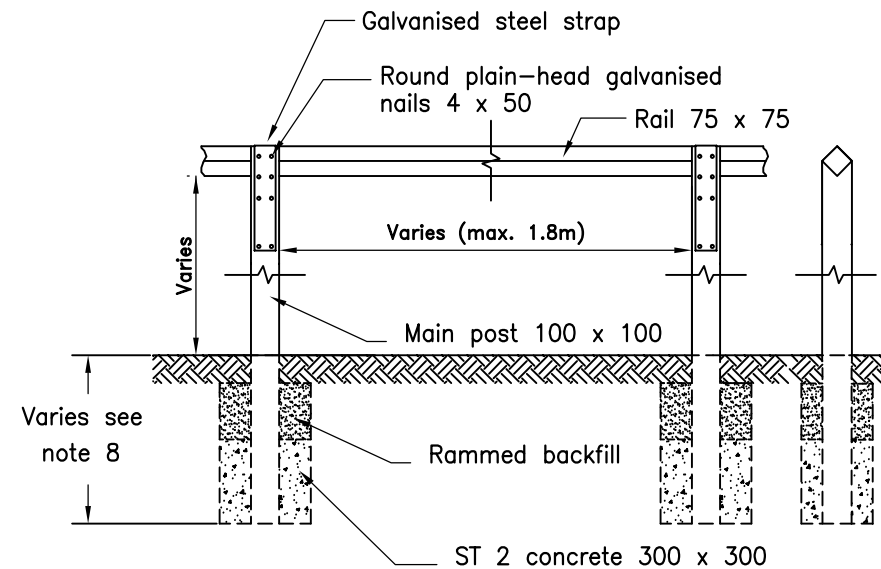
- a) Only used on morticed fences
b) The top rail shall be fixed so that its top edge is 100 mm from the top of the main post



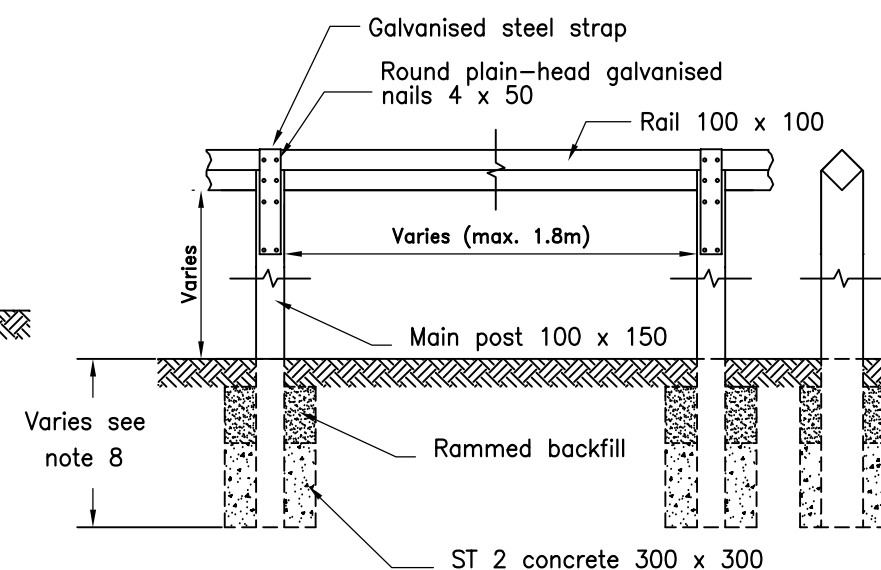
Nailed Fence



Morticed Fence



Light Duty Knee-rail Fence



Heavy Duty Knee-rail Fence



Project
STANDARD DRAWINGS

Title
TIMBER FENCING