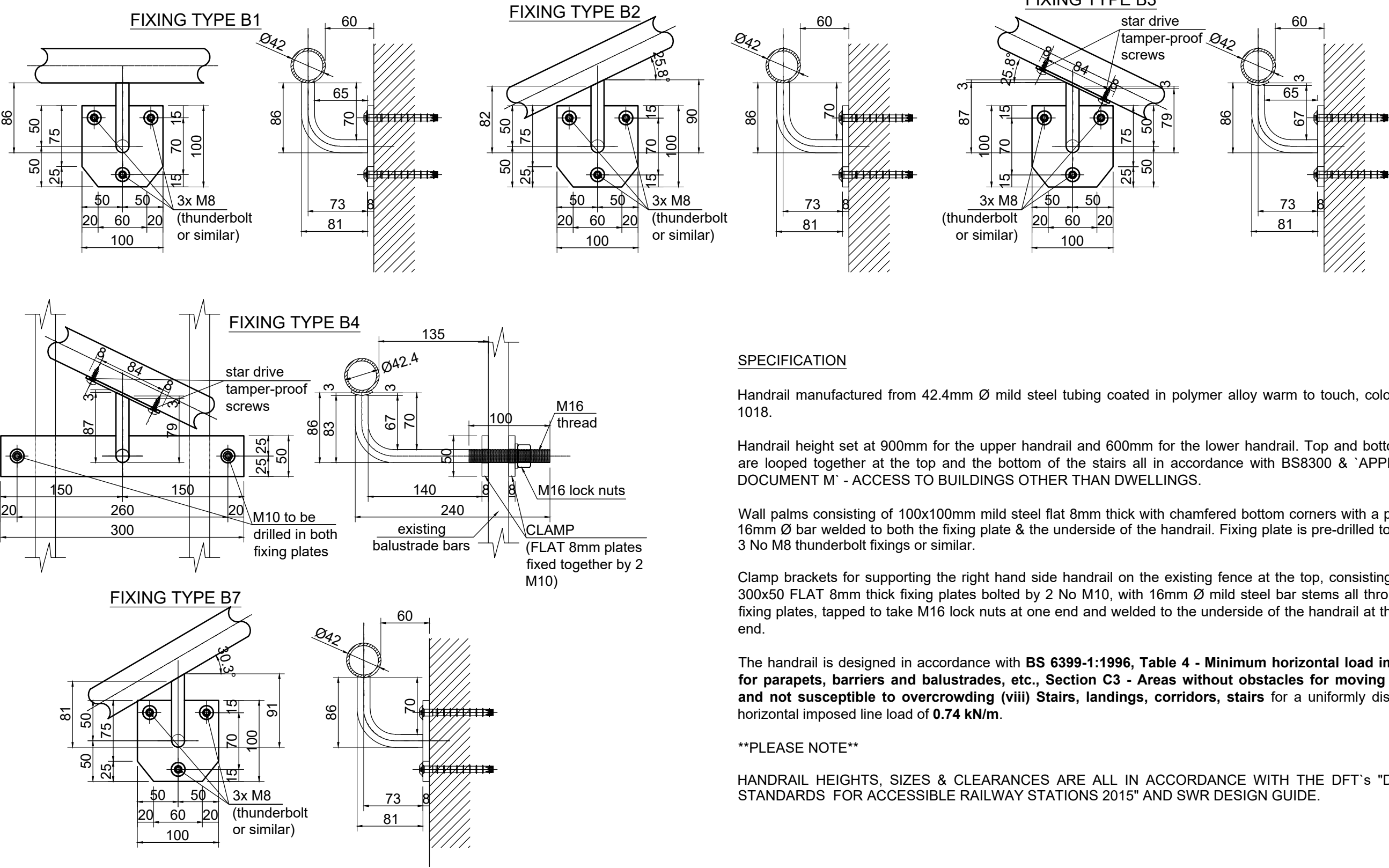


STANDARD FIXING DETAILS



SPECIFICATION

Handrail manufactured from 42.4mm Ø mild steel tubing coated in polymer alloy warm to touch, colour RAL 1018.

Handrail height set at 900mm for the upper handrail and 600mm for the lower handrail. Top and bottom rails are looped together at the top and the bottom of the stairs all in accordance with BS8300 & 'APPROVED DOCUMENT M' - ACCESS TO BUILDINGS OTHER THAN DWELLINGS.

Wall palms consisting of 100x100mm mild steel flat 8mm thick with chamfered bottom corners with a pre-bent 16mm Ø bar welded to both the fixing plate & the underside of the handrail. Fixing plate is pre-drilled to accept 3 No M8 thunderbolt fixings or similar.

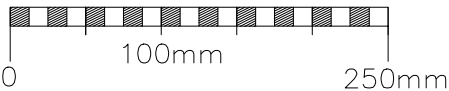
Clamp brackets for supporting the right hand side handrail on the existing fence at the top, consisting of two 300x50 FLAT 8mm thick fixing plates bolted by 2 No M10, with 16mm Ø mild steel bar stems all through the fixing plates, tapped to take M16 lock nuts at one end and welded to the underside of the handrail at the other end.

The handrail is designed in accordance with **BS 6399-1:1996, Table 4 - Minimum horizontal load imposed for parapets, barriers and balustrades, etc., Section C3 - Areas without obstacles for moving people and not susceptible to overcrowding (viii) Stairs, landings, corridors, stairs** for a uniformly distributed horizontal imposed line load of **0.74 kN/m**.

****PLEASE NOTE****

HANDRAIL HEIGHTS, SIZES & CLEARANCES ARE ALL IN ACCORDANCE WITH THE DFT's "DESIGN STANDARDS FOR ACCESSIBLE RAILWAY STATIONS 2015" AND SWR DESIGN GUIDE.

PROPOSED



K V B ARCHITECTS K V B Architects Ltd Chartered Architects 9 High Street Tring, Herts HP23 5AH Tel: +44 (0)1442 824691 Email: greg@kvbarchitects.co.uk www.kvbarchitects.co.uk	CLIENT SWR	SCALE 1:5 @ A3	DATE 21.11.25
	PROJECT Handrails for Stations	DRAWN IK	CHECKED GB
	TITLE Fixing Details	DRAWING NO. 102	
		JOB NO.	REVISION