

Handrails to be fixed to the wall with 8mm fixings and wall plugs where necessary

Handrails comprise vinyl covered 40 x 5mm flat steel bar at a height of 900mm above the ramp walkway level. No opening in balustrade permits the passage of a sphere of diameter 100mm. Protective barrier constructed to resist loadings as required by BS EN 1991-1-1 & associated PD 6688-1-1 (4.4)

Pre-fabricated modular metal ramp manufactured, supplied and installed by William P. Whiland & Son Ltd, Dumbarton. The ramp is constructed of galvanised metal modular sections comprising 60mm x 6mm frames with 30mm x 5mm stiffeners. The ramp surface is anti-slip GRP mini-mesh to BS7976 with PTV score of 62.

balustrade comprises 20 x 20mm steel box section and 20 x 5mm flat bar all welded to profile as shown and galvanised

30mm x 5mm stiffeners

uprights bolted to pre-drilled holes. Holes also used for bolting together ramp modules

connection at top of legs has 10deg tolerance to take up and ground slope

Supports to ramp structure comprise 60mm dia galvanised steel tube legs with 16mm dia steel rod fixed to 100mm dia. steel baseplate (all galvanised) on existing concrete slabs or where not present then 1 new 300 x 300 x 50mm concrete slabs on sand bedding located at each leg. Fixings as per individual indicated requirements.

Note: Do not scale drawing.

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# Ramp / Landing Construction- RC01

Scale 1:10 @ A4

