



RIDGEWAY

BELFAST: +44 (0) 28 90454599

ASHBOURNE: +353 (01) 802 7173

EMAIL: INFO@RIDGEWAY-ONLINE.COM

WEBSITE: WWW.RIDGEWAY-ONLINE.COM

STANCHION GUIDANCE

This document is meant to give basic advice when specifying handrail stanchions in accordance with BS4592-0:2006+A1:2012. The advice given is for key design criteria only. You should satisfy yourself that products ordered and installed comply with all aspects of the standard.

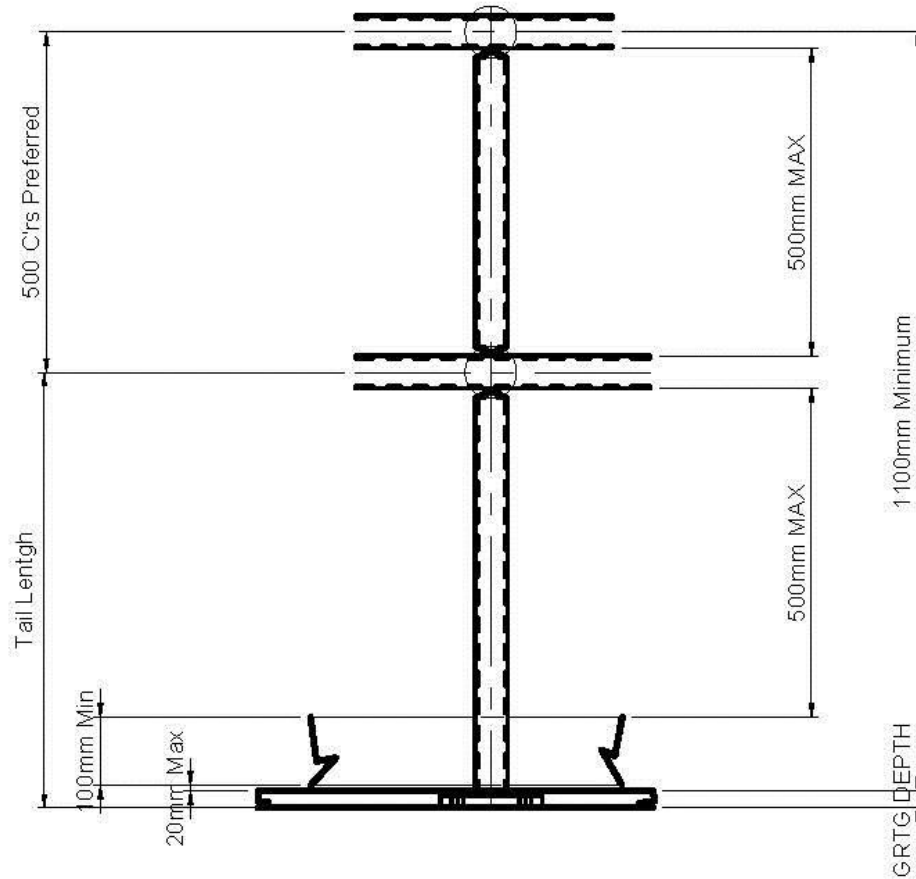
550mm ball centres

Customers often request 550mm ball centres for handrail stanchions but this creates an opening in the handrail greater than 500mm which makes the handrail system **non-compliant** with the British Standards.

Key Design Criteria

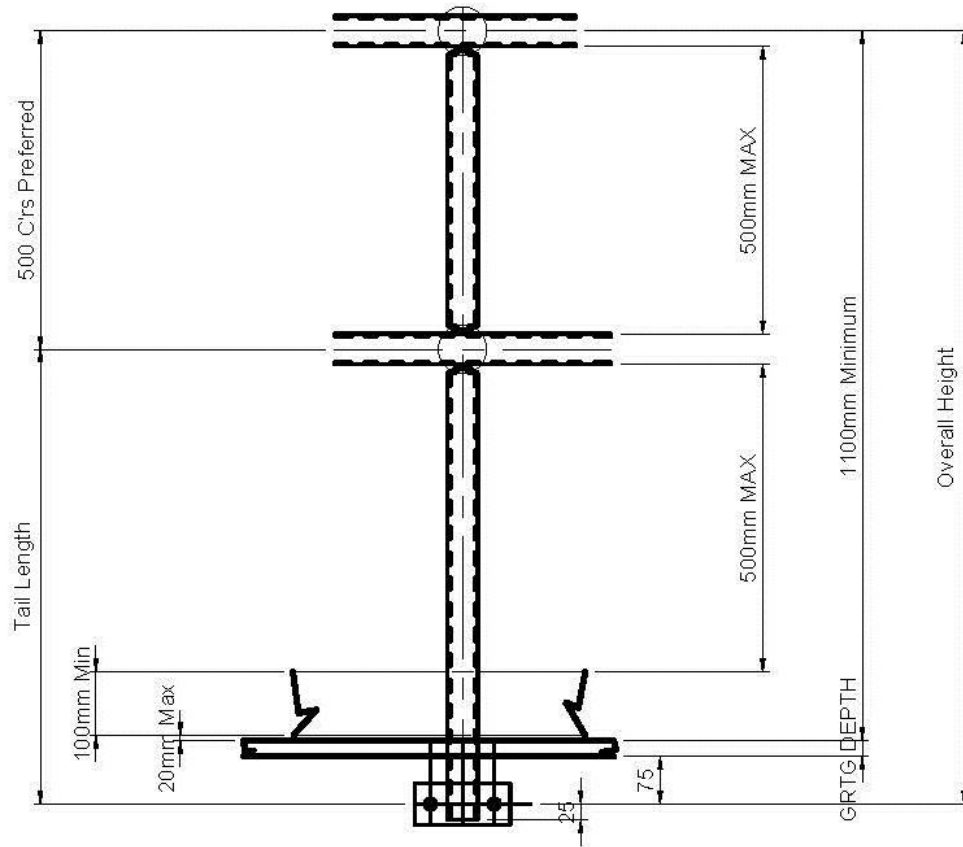
- Overall height of a platform handrail system should be 1100mm (from the walking platform)
- Distance from the pitch line to the centreline of stair handrail should be between 900 – 1000mm
- Maximum verticle gap should be 500mm

Flat Base



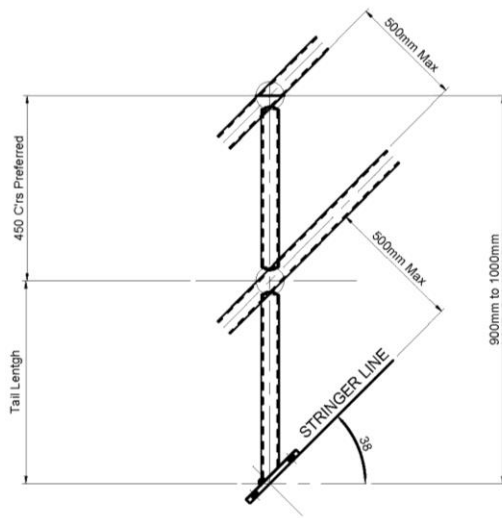
Ridgeway Flat Base Standard Sizes					
To suit Grating depth	Ball Centres	Tail length	Toe plate required (if welded to flooring)	Upstand Provided	Toe plate required (if fixed to handrail)
25mm	500mm	650mm	150mm	125mm	130mm
30mm	500mm	650mm	150mm	120mm	130mm
40mm	500mm	650mm	150mm	110mm	100mm
50mm	500mm	650mm	150mm	100mm	100mm

Side Palm

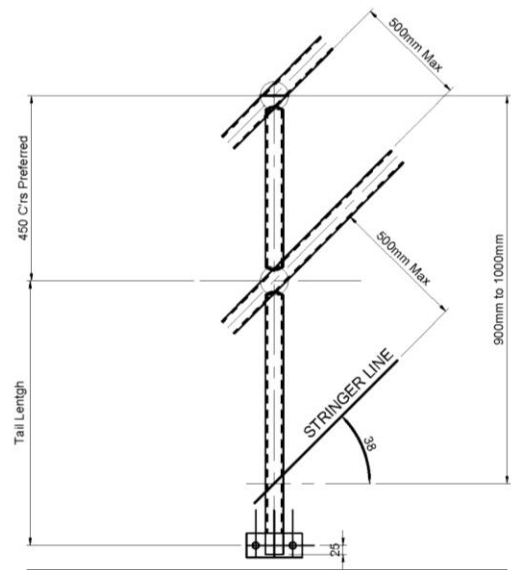


Ridgeway Side Palm Standard Sizes					
To Suit Grating Depth	Ball Centres	Tail Length	Toe plate required (if welded to flooring)	Upstand Provided	Toe plate required (if fixed to handrail)
25mm	500mm	725mm	150mm	125mm	130mm
30mm	500mm	725mm	150mm	120mm	130mm
40mm	500mm	725mm	150mm	110mm	100mm
50mm	500mm	725mm	150mm	100mm	100mm

Stair Rail



Raked Flat base (Type NX)



Raked Side Palm (Type AR)

Ridgeway Side Palm Standard Sizes		
Stanchion Type	Ball Centres	Tail Length
NX	450mm	450mm
AR	450mm	n/a*
*AR Stanchion are made to suit your angle of stair		

PLEASE VISIT OUR WEBSITE WWW.RIDGEWAY-ONLINE.COM FOR LOADING INFORMATION TO SUIT: -

0.36kN Load (Medium Duty) = Regular two way pedestrian traffic

0.74kN Load (Heavy Duty) = High density pedestrian traffic.