Juralco Viking Balustrade System - Typical Fixing

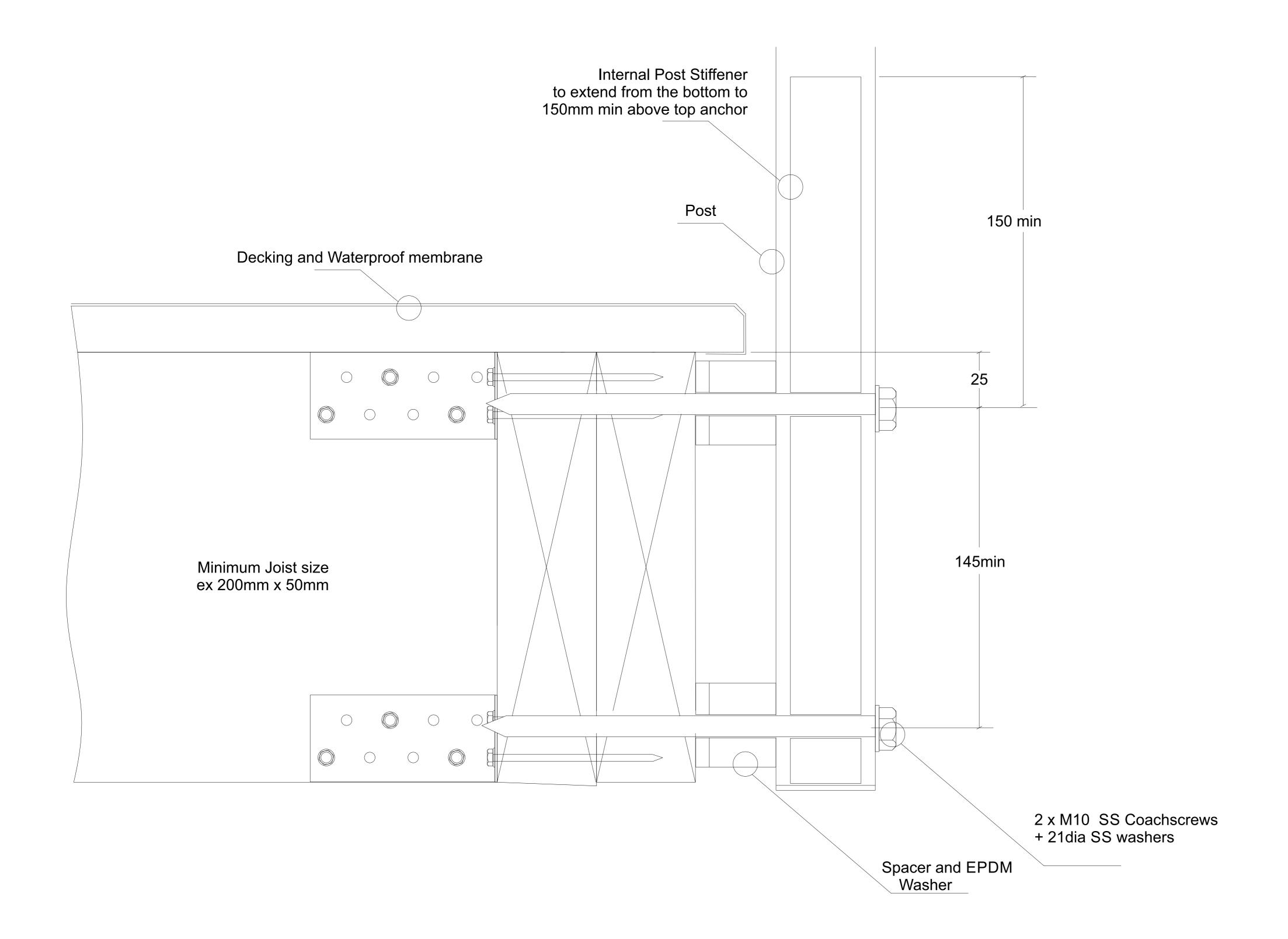
Complies with NZS3604:2011 Double Boundary Joists

Typical Face Fix Post to Waterproof Timber Deck - Spacers and M10 Coachscrews

Important Notes:

- 1 A Design engineer must ensure the structure can support the appropriate loading at each Post
- 2 Coachscrews 90mm min thread engagement into joists
- 3 Bond all coachscrews with SIKA Supergrip to full depth
- 4 All fixings must be Stainless Steel

Additional Note for Semi Framless 10mm Toughened Glass Balustrade only. An Interlinking Rail mounted on a JEC 29 Bracket attached to every Post, must be used to conform to NZS 4223.3.2016 and Building Code Clause B1.3.4. Refer to the manual for specific details.



For a Producer statement or for further, more detailed information email specify@juralco.co.nz ph 09 478 8018 www.juralco.co.nz Issue 7/18

NTS Typical Double Boundary Joist Construction Details Alternative Solution to NZS 3604:2011 Clause 7.4.1.3 detailed to resist twisting of the Boundary Joist only. Deck designer to ensure the structure can support the appropriate horizontal and vertical loads NOTE: ALL AS SPECIFIED BELOW FOR <u>FACE FIXED</u> BALUSTRADES ONLY. All Nailing, Joists and Nogs All Nailing at Corner Between Joist, nogs. Into Joist Ends At each Joist, nog. Lumberlok 0.9x19mm SS Strap. 4 x 90mm nails 5 x 90mm nails 4 x 90mm nails Wrapped around return boundary joist and nailed top and bottom with to both joists Please note to both joists in two rows = 8 total = 12 total = 10 total 6 off 30x3.15 SS Product nails at ea end Joist overlap arrangement All Fasteners must be Stainless Steel All joists @400mm crs Joist off cut x 150mm 2 3 Typical Face Fix Viking Corners (semiframless Glass shown, applies to all infills) **Lumberlok Cleats** CPC40SS x 4 Rhodorsil V60 Rhodorsil V60 Post Full Height Joint Full Height Lumberlok Cleats CPC40SS x 2 Rhodorsil V60 Post Full Height

All Screwing to Corners

8 x Type 17 - 14g x 35 Hex head Screws 4 x Type 17 - 14g x 75 Hex head Screws Cleats to be flush, Top and Bottom Lumberlok Cleats Lumberlok SS CPC80SS ° ° ° ° Strap 0.9x19. o **o** o 6 x 30x3015 Nails ea end Joists, Nogs ex 200x50 min

1 Attaching Corner of Double Boundary Joist 2 x cleats to Corner and Lumberlok strap

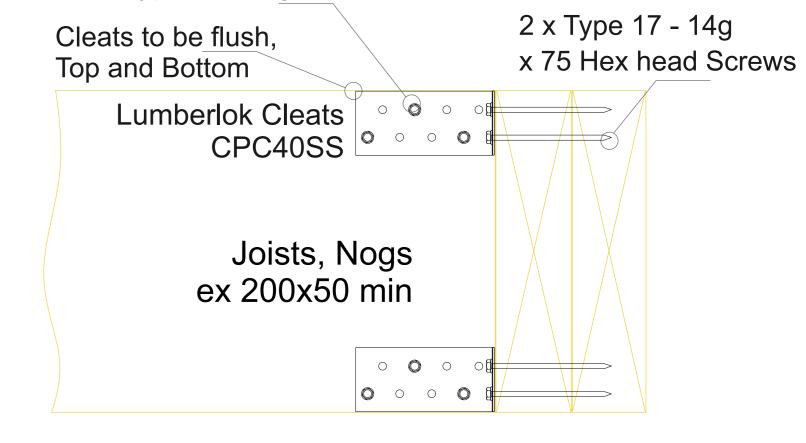
All Fasteners must be Stainless Steel

All Screwing to Joists, Nogs

Face Fix

Mount at Corner

3 x Type 17 - 14g x 35 Hex head Screws



- 2 Attaching Joists or Nogs to Double Boundary Joist. 4 x cleats to each joist or nog,
- Attaching Nogs to Joist.

 2 x cleats to each nog, 1 x Joist offcut x 150mm

All Fasteners must be Stainless Steel