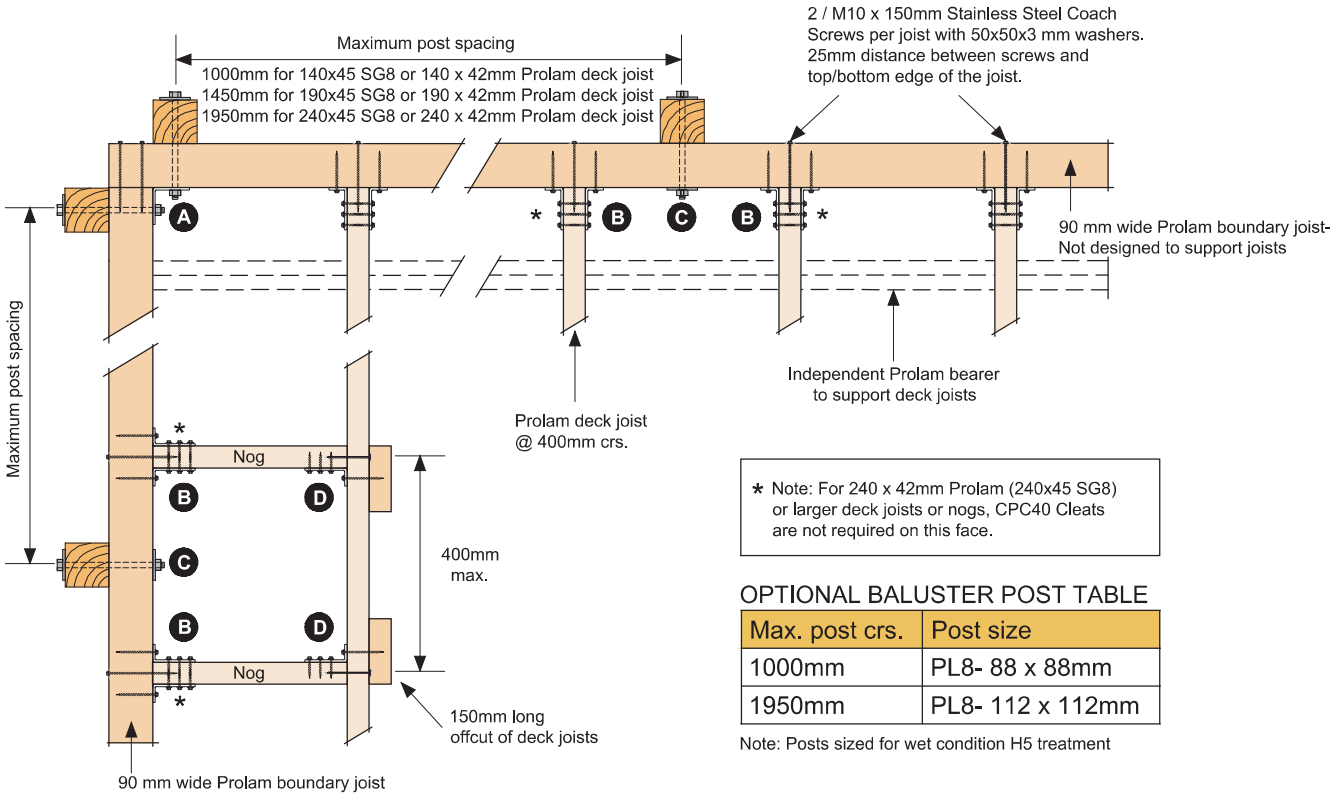
FACE FIXED BALUSTER POSTS

- Complies with Table 3.3 AS/NZS 1170.1:2002 for horizontal load of 0.75kN/m on handrail with maximum 1.05 m height.
- Deck joists shall be independently supported or cantilevered off building.
- The boundary joist is not to be used as a beam/bearer supporting the joists.
- An approved post and balustrade system should be used.

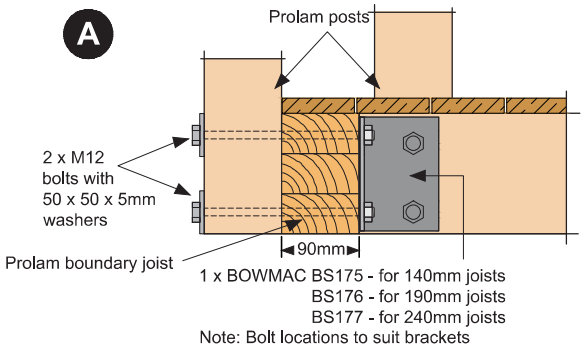


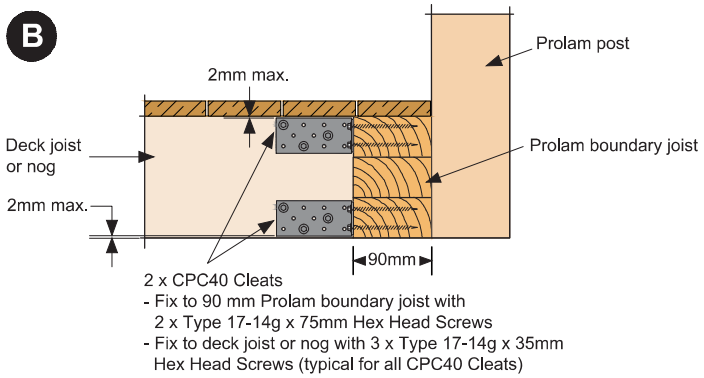
* Note: For 240 x 42mm Prolam (240x45 SG8) or larger deck joists or nogs, CPC40 Cleats are not required on this face.

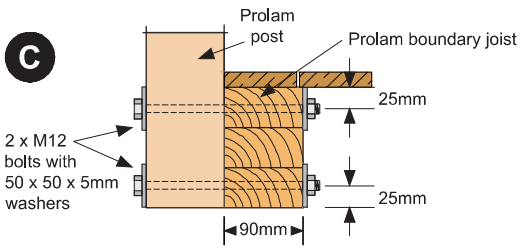
OPTIONAL BALUSTER POST TABLE

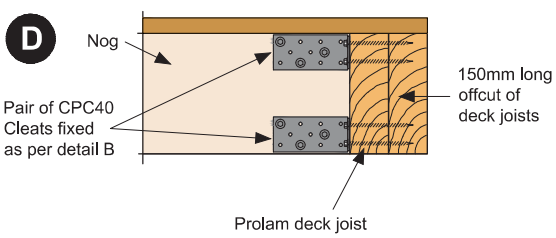
Max. post crs.	Post size
1000mm	PL8- 88 x 88mm
1950mm	PL8- 112 x 112mm

Note: Posts sized for wet condition H5 treatment









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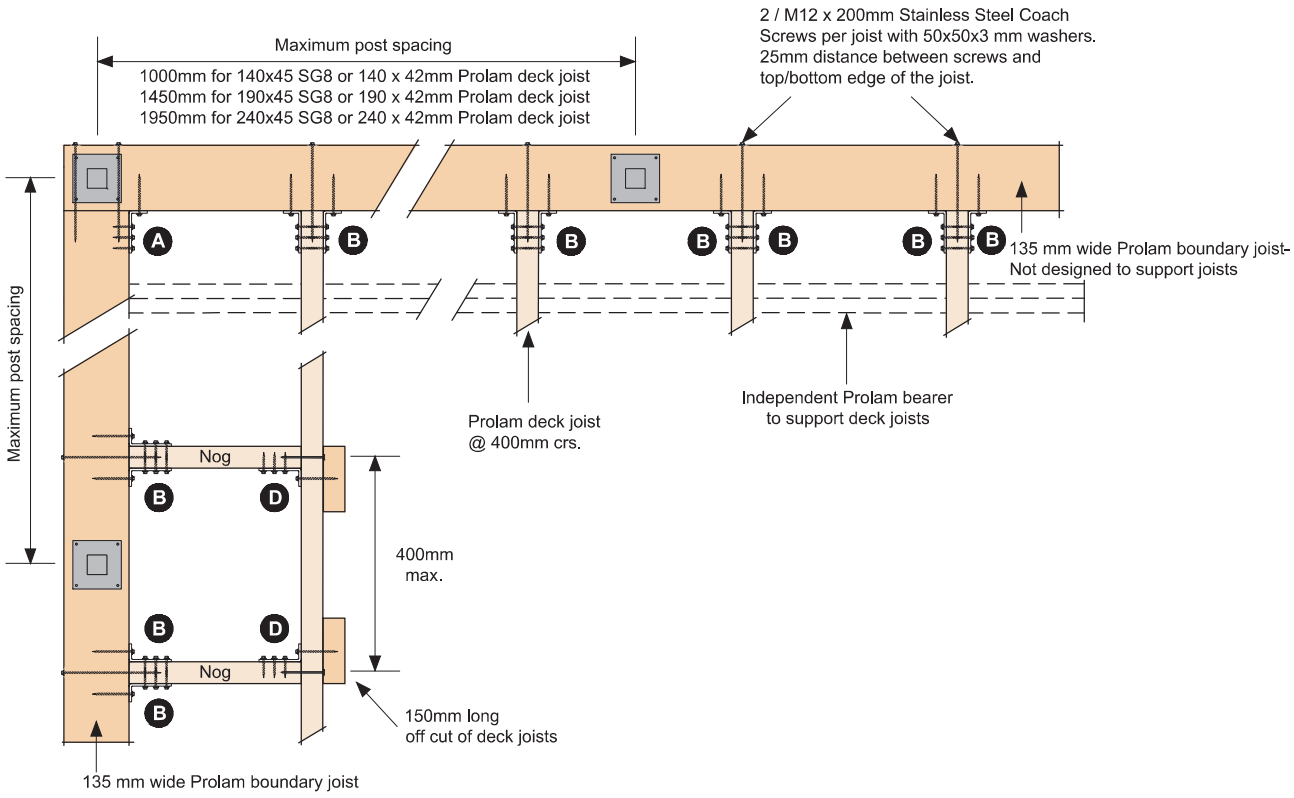
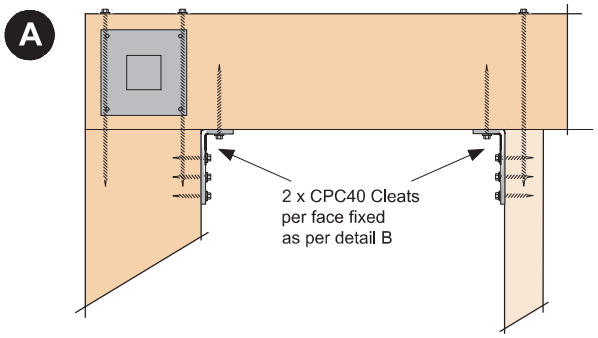
PROLAM BOUNDARY JOIST AND BALUSTER POST FIXING

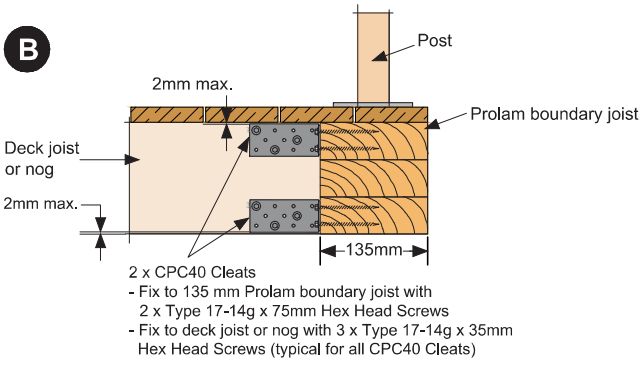
Sheet: BJF-1 of 3
August 2024

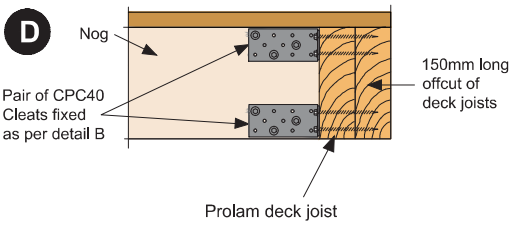
TOP FIXED BALUSTER POSTS (1)

- Complies with Table 3.3 AS/NZS 1170.1:2002 for horizontal load of 0.75kN/m on handrail with maximum 1.05 m height.
- Deck joists shall be independently supported or cantilevered off building.
- The boundary joist is not to be used as a beam/bearer supporting the joists.
- An approved post and balustrade system should be used.









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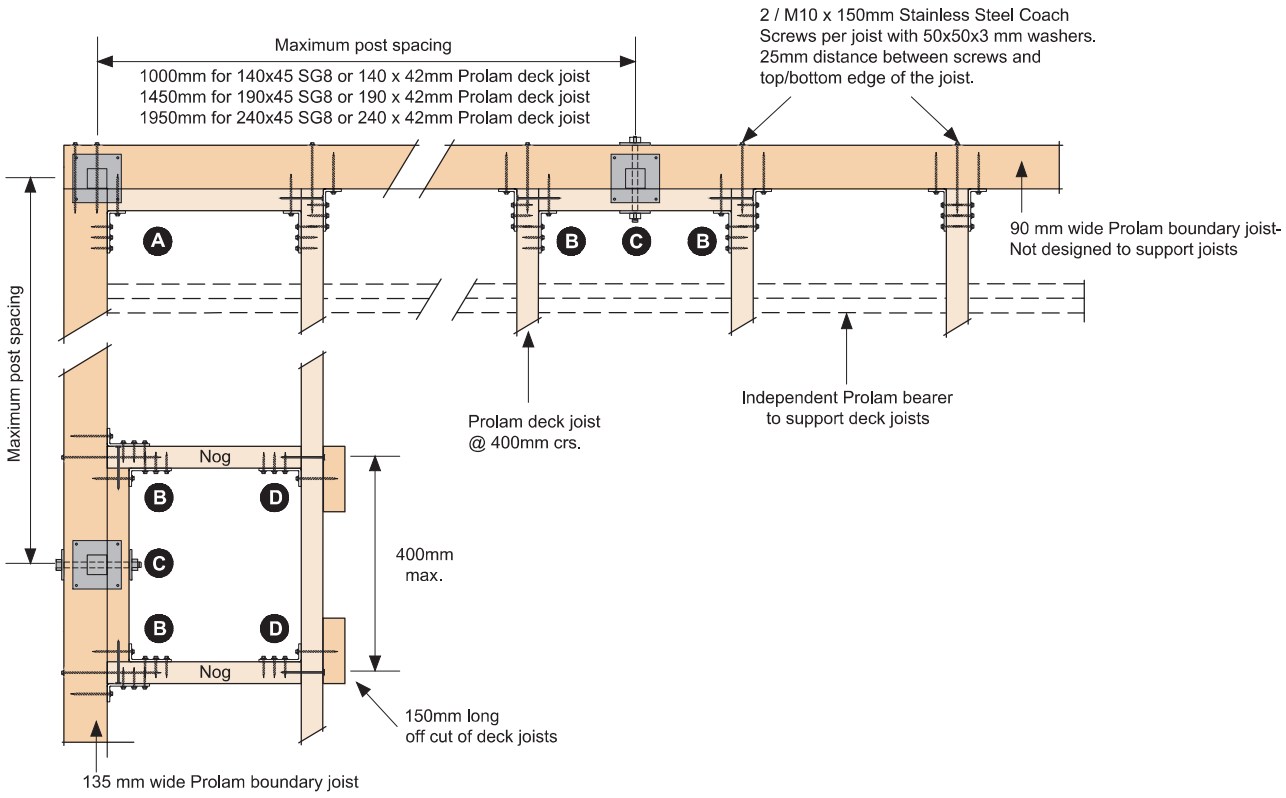
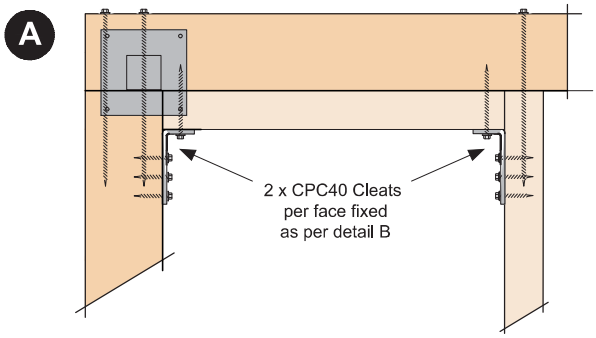
PROLAM BOUNDARY JOIST AND BALUSTER POST FIXING

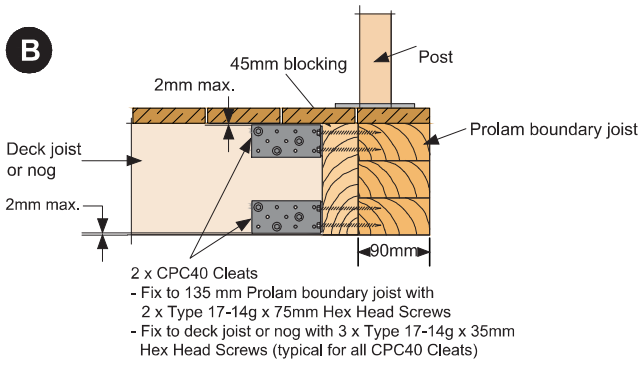
Sheet: BJF-2 of 3
August 2024

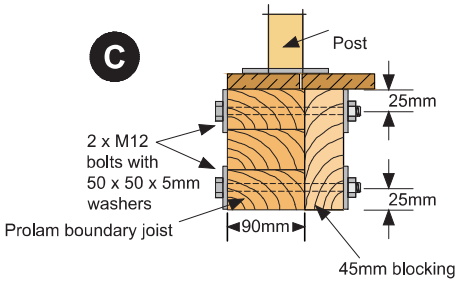
TOP FIXED BALUSTER POSTS (2)

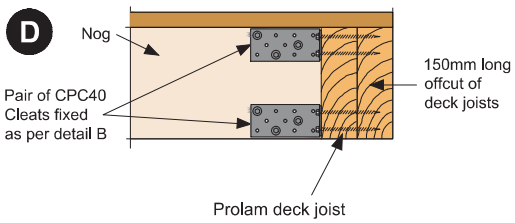
- Complies with Table 3.3 AS/NZS 1170.1:2002 for horizontal load of 0.75kN/m on handrail with maximum 1.05 m height.
- Deck joists shall be independently supported or cantilevered off building.
- The boundary joist is not to be used as a beam/bearer supporting the joists.
- An approved post and balustrade system should be used.











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PROLAM BOUNDARY JOIST AND BALUSTER POST FIXING

Sheet: BJF-2 of 3
August 2024

PRODUCER STATEMENT

FIXINGS FOR BOUNDARY JOISTS AND BALUSTER POSTS

ISSUED BY: *Tasman Consulting Engineers Limited*

TO: *Prowood Limited*

IN RESPECT OF: *Prolam boundary joist and baluster post fixing for timber decks*

Tasman Consulting Engineers Limited has been engaged by Prowood to review the design of the fixings of Prolam boundary joists and baluster posts on timber decks. The fixing details are described on drawings prepared by PROLAM titled ***"Prolam Boundary Joist and Baluster Post Fixing"*** *dated August 2024 and numbered BJF-1 to BJF-3.*

I believe on reasonable grounds that the design will meet the requirements of clauses B1/VM1 of the Building Code Documents, provided that the construction is in accordance with the drawings and the proprietary products meet their performance specification requirements.

Oliver Greeff
BE(civil) CMEngNZ CPEng (no 1158805) IntPE

For Tasman Consulting Engineers
PO Box 3631, Richmond, NELSON 7050

10 June 2026