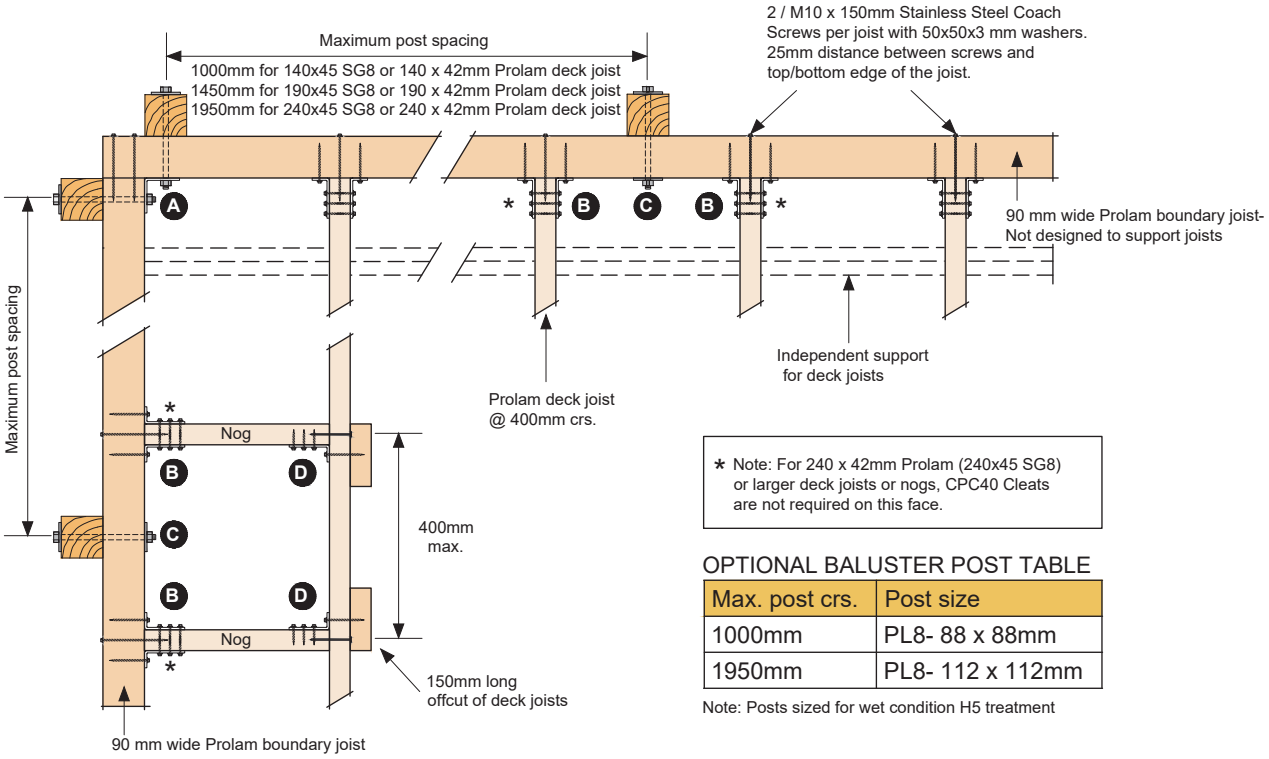
FACE FIXED BALUSTER POSTS

- 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.

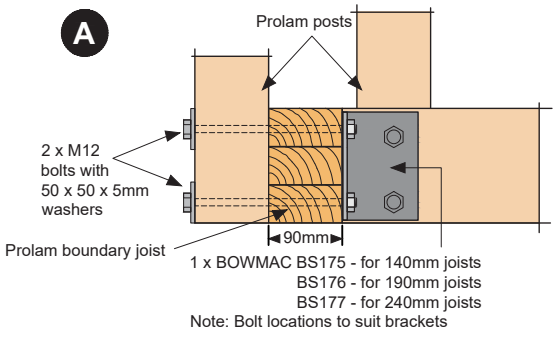


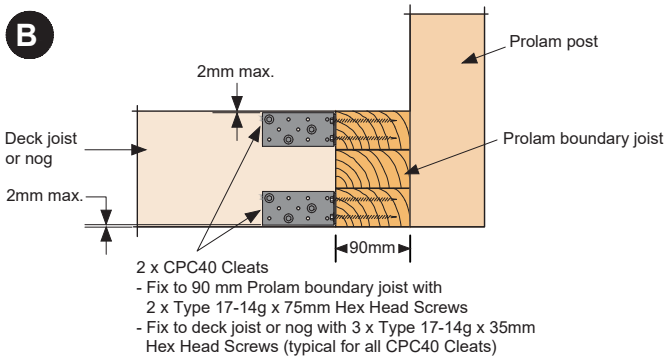
* Note: For 240 x 42mm Prolam (240x45 SG8) or larger deck joists or nogs, CPC40 Cleats are not required on this face.

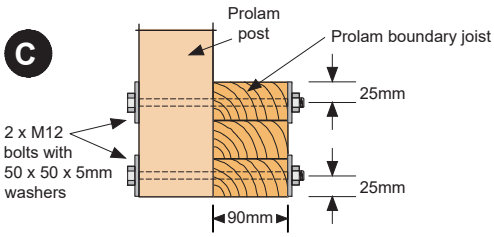
OPTIONAL BALUSTER POST TABLE

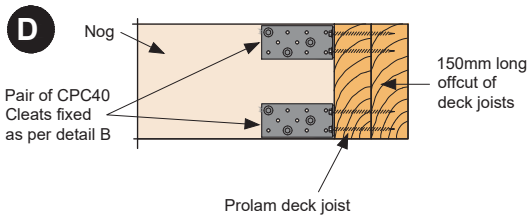
Max. post crs.	Post size
1000mm	PL8- 88 x 88mm
1950mm	PL8- 112 x 112mm

Note: Posts sized for wet condition H5 treatment









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PROLAM DECK JOIST FIXING

Sheet: DJF-1 of 3

Apr 2023

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.
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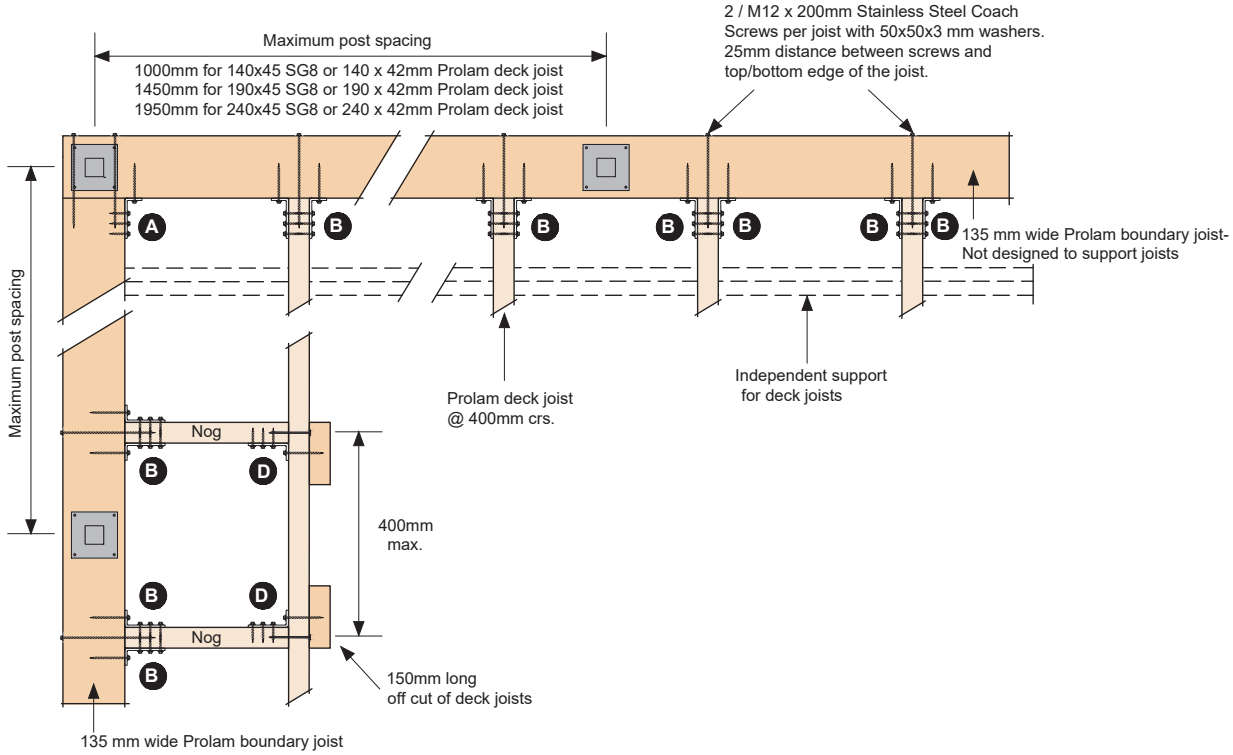
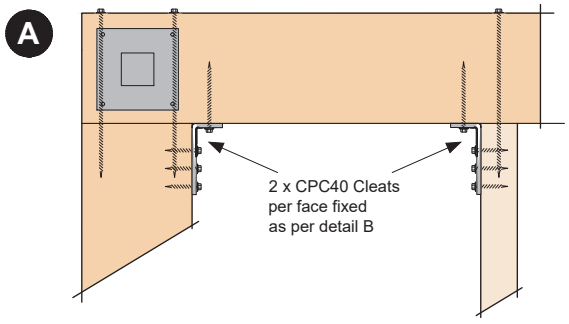
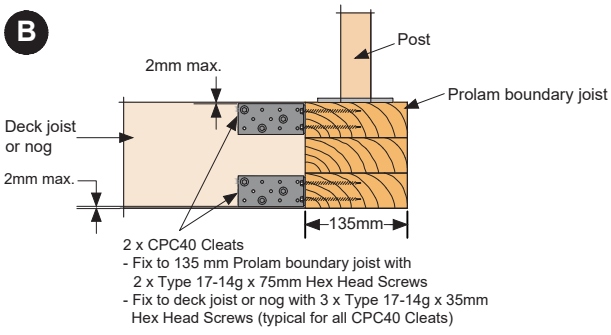
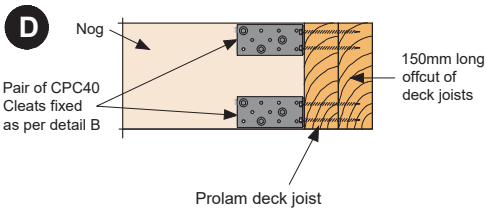
- An approved post and balustrade system should be used.









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PROLAM DECK JOIST FIXING

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Apr 2023

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.
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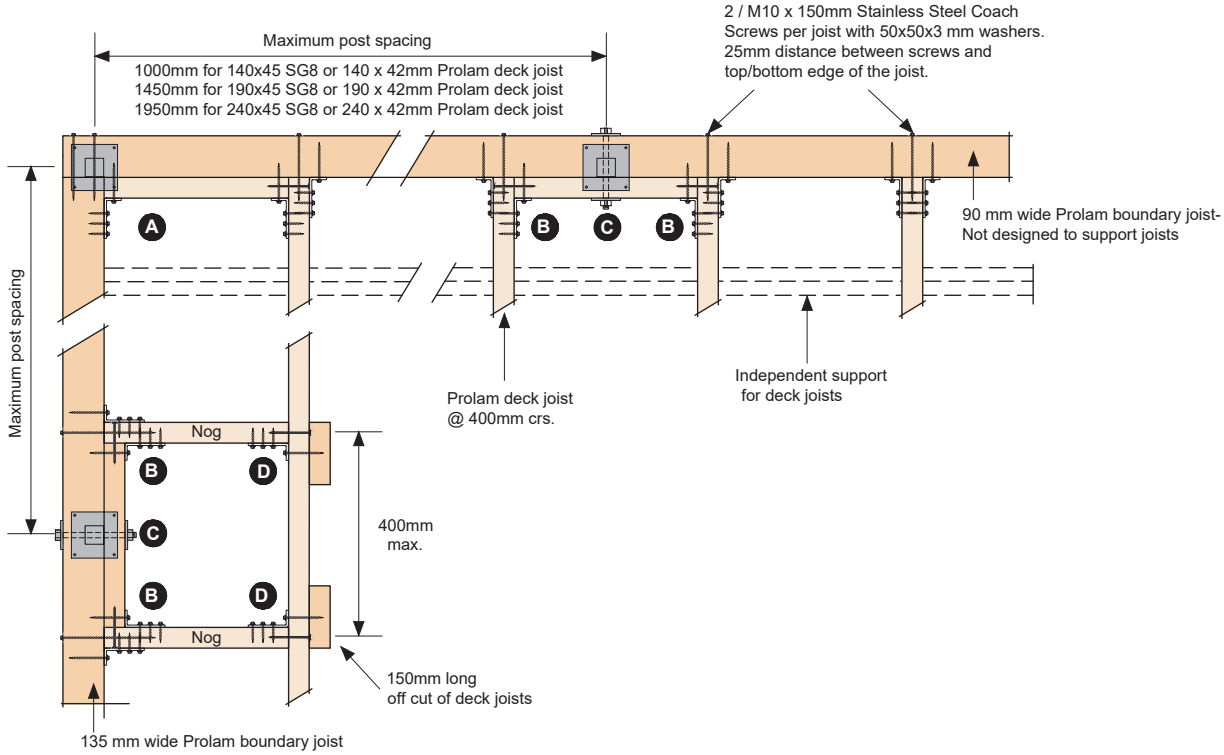
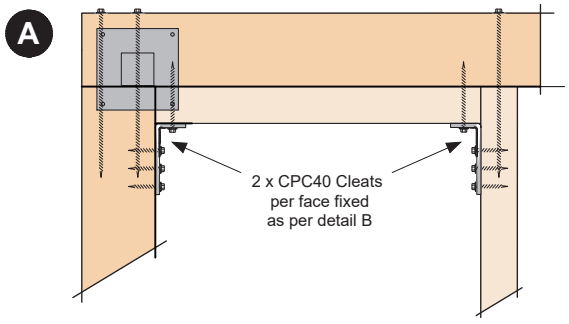
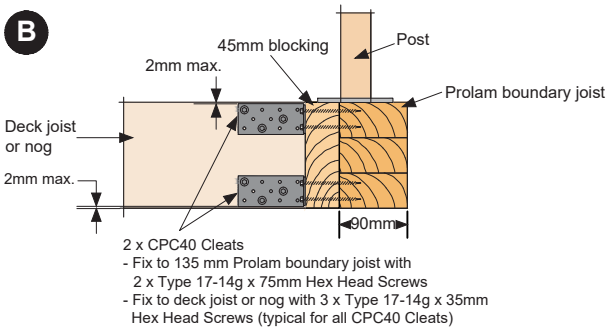
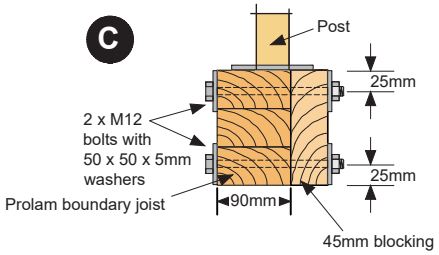
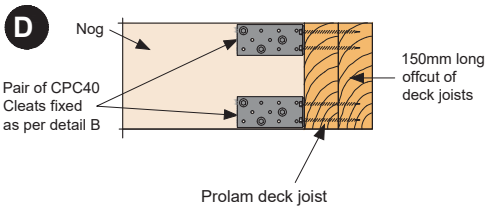
- An approved post and balustrade system should be used.











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PROLAM DECK JOIST FIXING

Sheet: DJF-3 of 3

Apr 2023

PRODUCER STATEMENT

PROLAM DECK JOIST FIXINGS FOR BALUSTER POSTS

ISSUED BY: *Tasman Consulting Engineers Limited*

TO: *Prowood Limited*

IN RESPECT OF: *Prolam Deck Joist Fixing*

Tasman Consulting Engineers Limited has been engaged by Prowood to review the design of the deck joists fixings for baluster posts. The fixing details are described on drawings prepared by PROLAM titled ***"Prolam Deck Joist Fixing",*** *dated April 2023 and numbered DJF-1 to DJF-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.

David King
ME(civil), CMEngNZ CPEng (no 145511) IntPE

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

26 April 2023