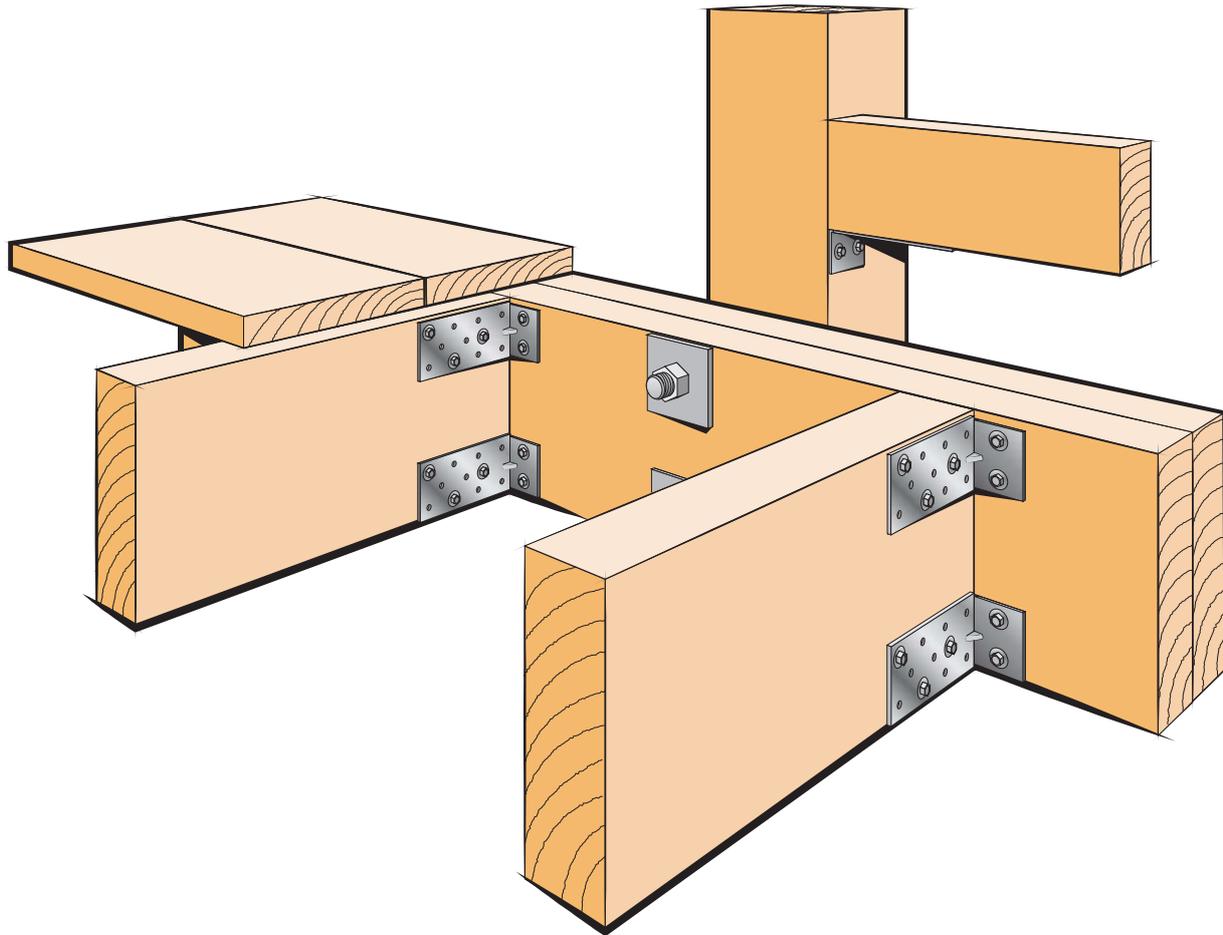


DECK JOIST FIXING ALTERNATIVE SOLUTION TO CLAUSE 7.4.1.3 NZS 3604:2011

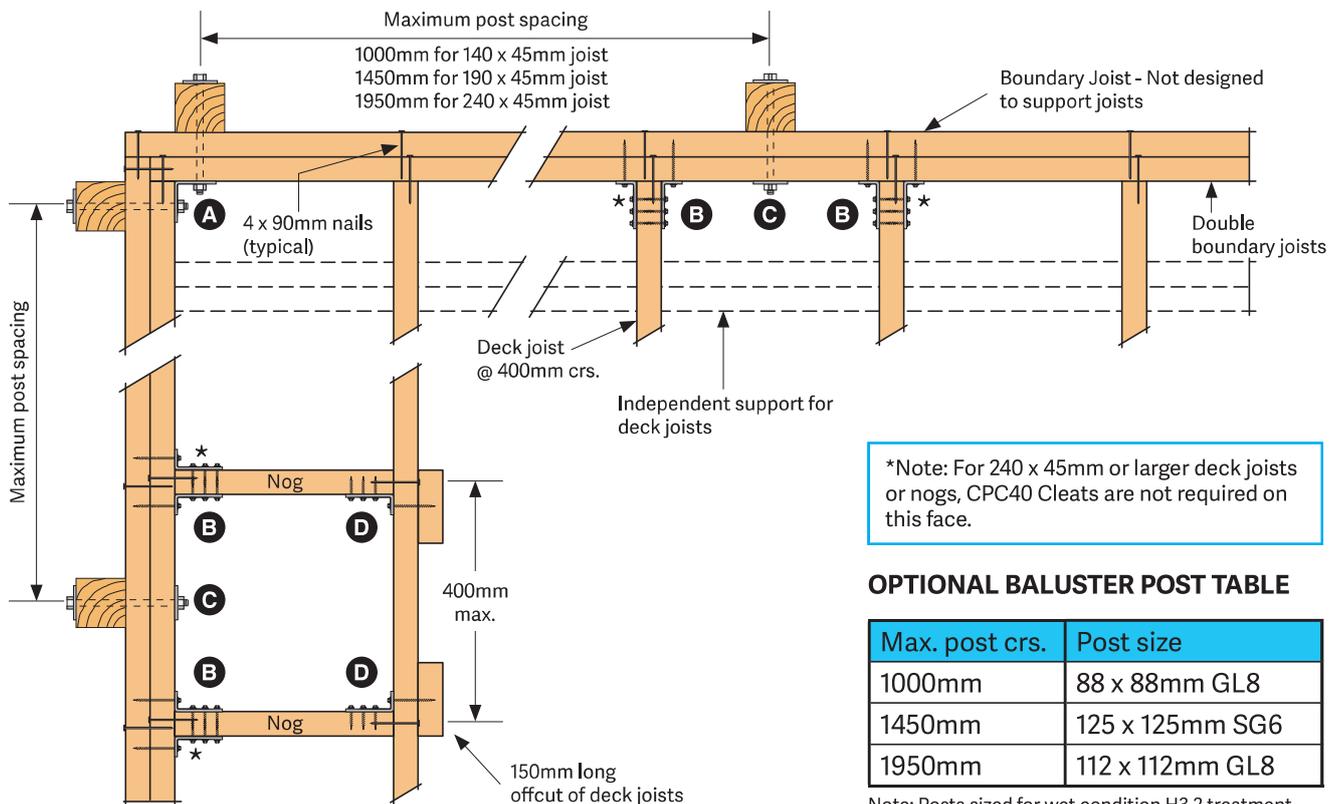
Provides the required fixing between the deck joist and boundary joist to suit a cantilever baluster system



- Simple, cost effective solution
- Suitable for all wind zones including Extra High
- Uses internal connections to allow easy fixing of decking
- For face fixed and top fixed baluster posts
- For continuous cantilever balustrade, all deck joists and nogs shall be fixed to boundary joists
- Provides solution for 140 x 45, 190 x 45, 240 x 45mm and larger joists
- Deck joists shall be independently supported or cantilevered off building
- Boundary joist used as a beam/bearer supporting deck joists is not covered by this fixing solution and is subject to specific engineering design
- Packed: Carton of 50 Stainless Steel (Grade 304) CPC40 Cleats and corresponding screw sizes

FACE FIXED BALUSTER POSTS

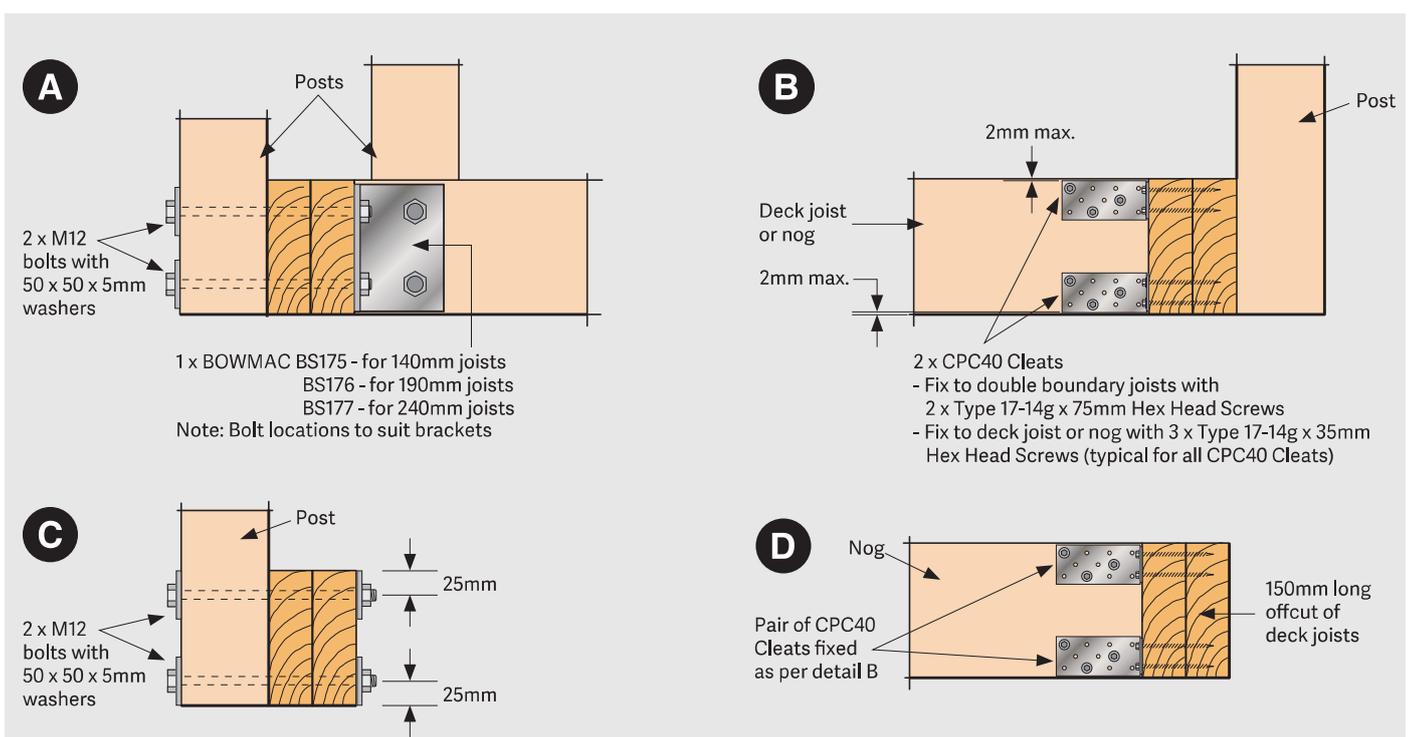
- Complies with Table 3.3 AS/NZS 1170.1:2002 for horizontal load of 0.75kN/m on handrail
- All fixings are designed to provide adequate rotational stability to the handrail system to resist the horizontal load at top of baluster post
- Assumes an approved post and balustrade system is used
- Suitable for all wind zones including Extra High, for approved glass or fully clad balustrades



OPTIONAL BALUSTER POST TABLE

Max. post crs.	Post size
1000mm	88 x 88mm GL8
1450mm	125 x 125mm SG6
1950mm	112 x 112mm GL8

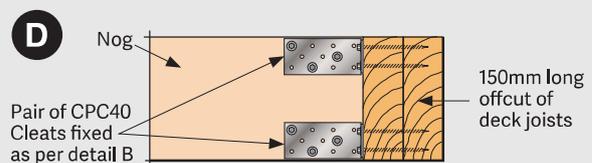
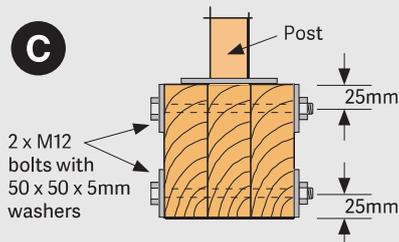
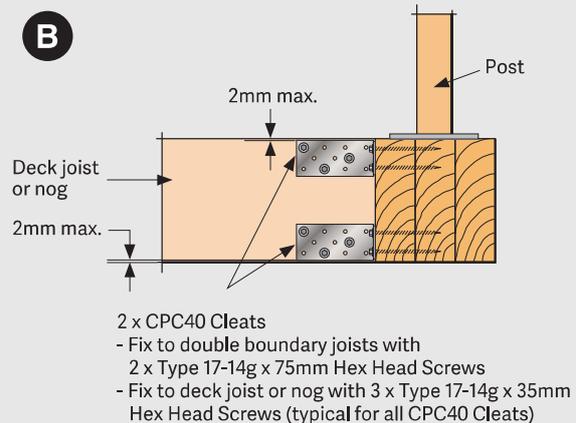
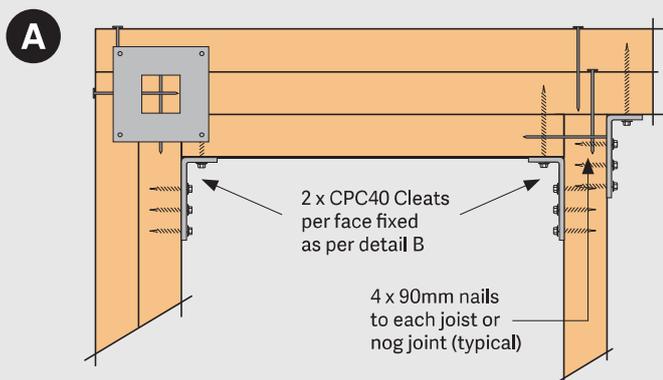
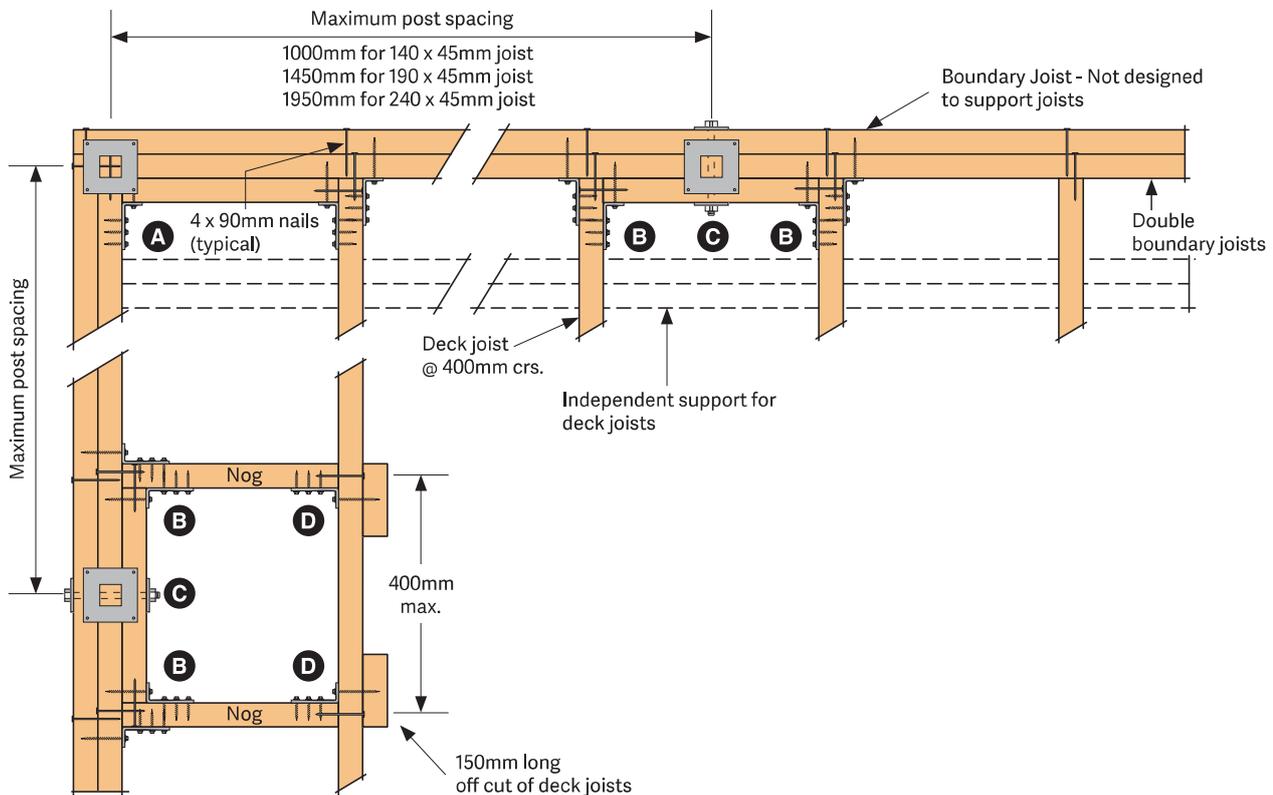
Note: Posts sized for wet condition H3.2 treatment



7. FLOOR

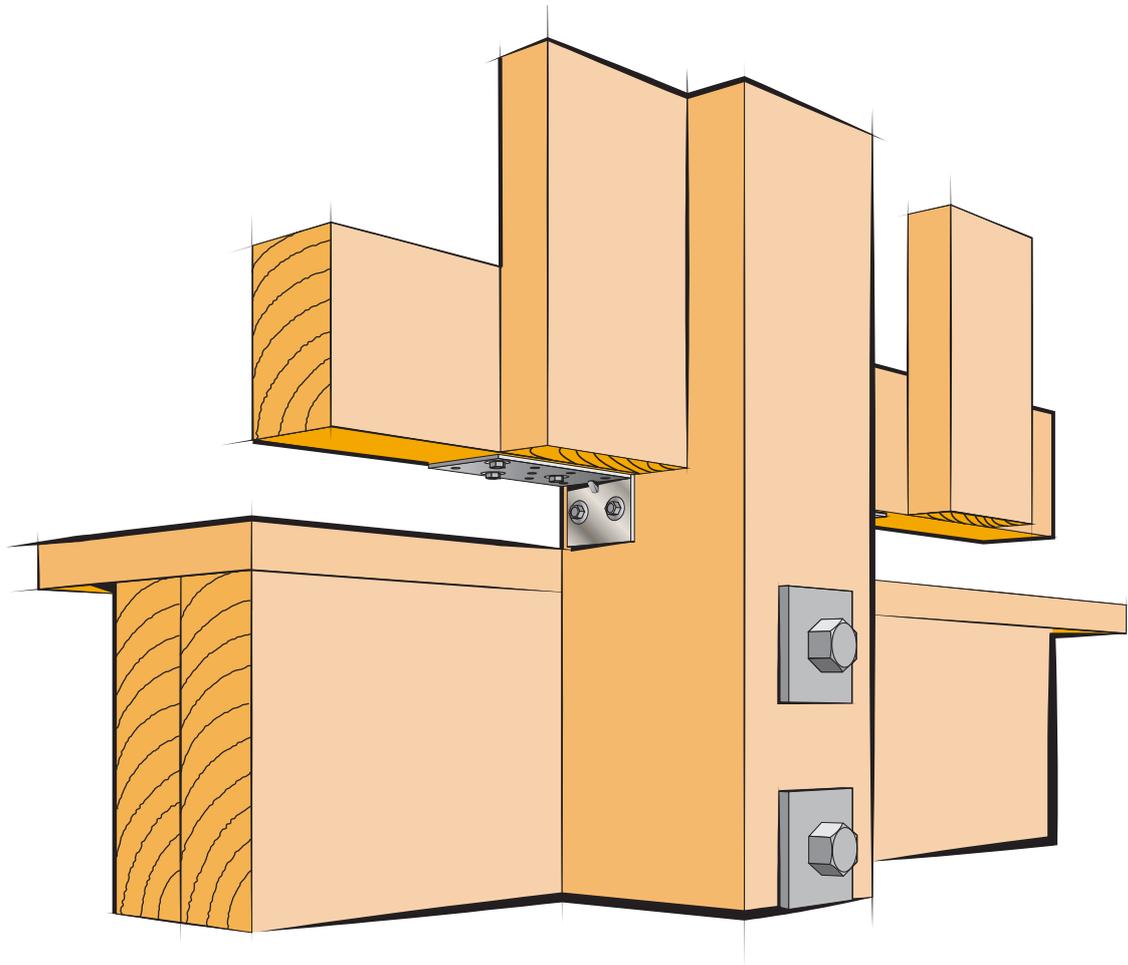
TOP FIXED BALUSTER POSTS

- Complies with Table 3.3 AS/NZS 1170.1:2002 for horizontal load of 0.75kN/m on handrail
- All fixings are designed to provide adequate rotational stability to the handrail system to resist the horizontal load at top of baluster post
- Assumes an approved post and balustrade system is used
- Suitable for all wind zones including Extra High, for approved glass or fully clad balustrades
- Top fixed posts (by others) are usually metal posts with welded base plates



BALUSTER POST TO RAIL FIXING

- Covers post/rail fixing only
- Approved deck baluster post and rail must be used



7. FLOOR

