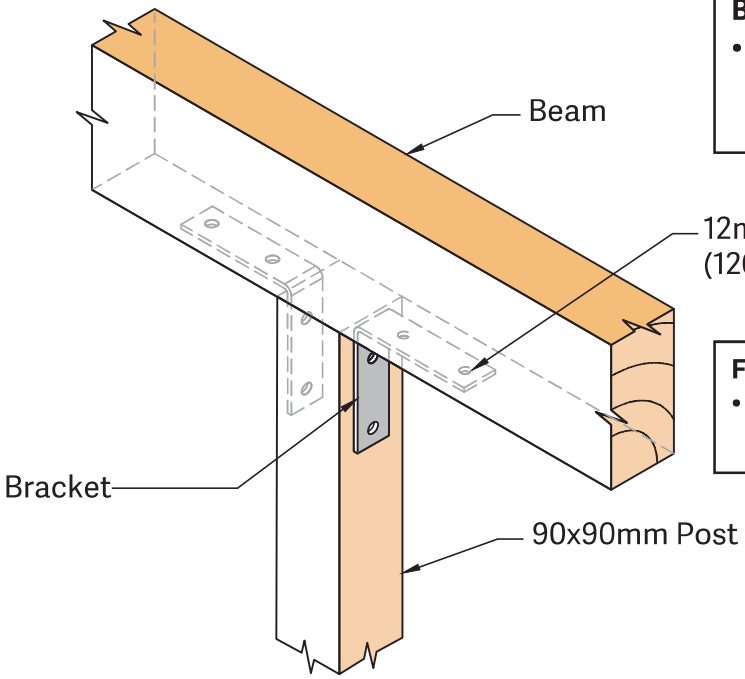
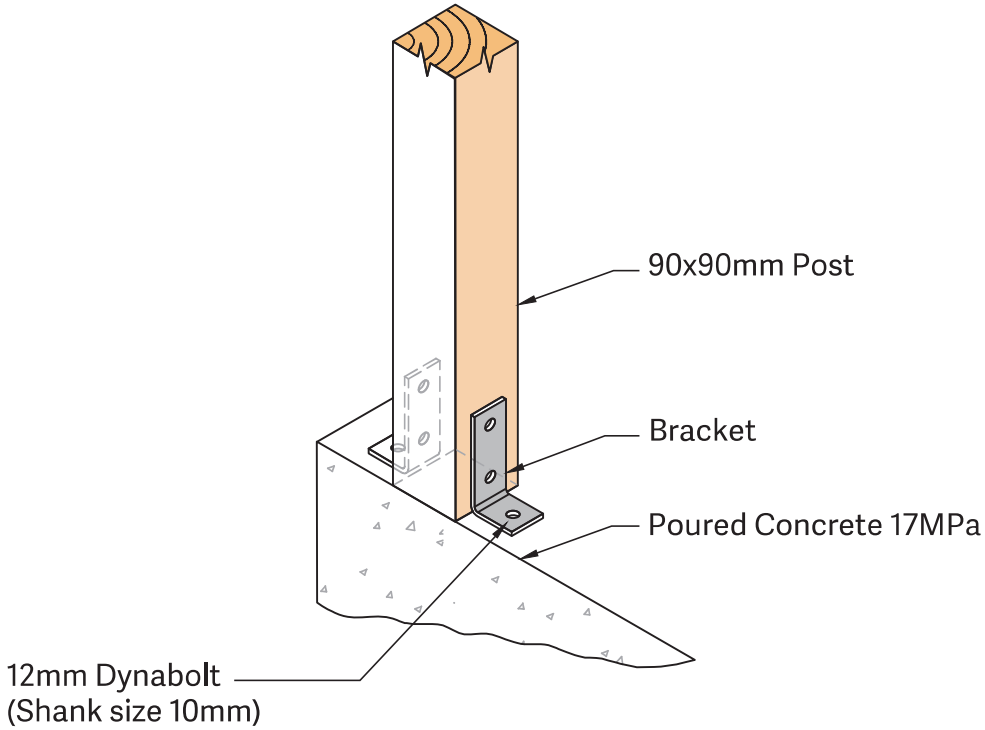
BUILDING WITH BOWMAC®
ANGLE BRACKETS WITHOUT GUSSET



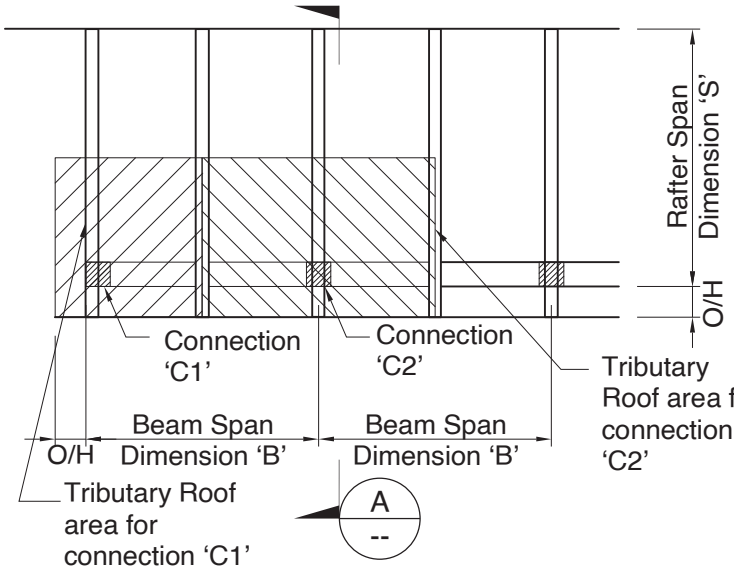
BRACKET RANGE
- B51, B52, B53, B54, B55, B58, B351, B352, B353 and B354

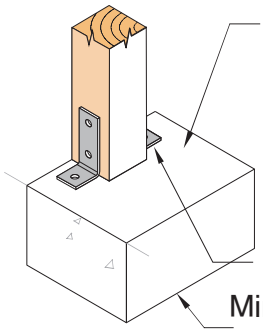
FIXING NOTE
- All bolt holes accommodate M12 Bolt unless noted.

TYPICAL USE

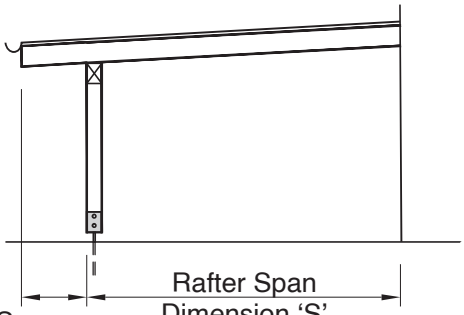


BUILDING WITH BOWMAC®
POST & BEARER BRACKETS





FOUNDATION DETAILS



EXAMPLE AREAS

- Tributary roof area on connection 'C1'=(S/2+O/H)x(B/2+O/H)
- Tributary roof area on connection 'C2'=(S/2+O/H)xB

LAYOUT & LOAD DIMENSIONS

BRACKET
- B51, B52, B53, B54, B55, B58, B351, B352, B353 and B354

LOAD TABLE

Roof type	Wind zone	Max. Roof Area (m²)
Light*	Extra high	6
	Very high	7
	High	10
	Medium	12
	Low	12
Heavy*	Extra high	7
	Very high	10
	High	12
	Medium/Low	12

*Refer to NZS 3604:2011 for specific roof weights.

MIN. CONCRETE FOOTING VOLUME TABLE

Roof type	Wind zone	Volume of footing concrete (m³) for area of roof supported						
		1m²	2m²	4m²	6m²	8m²	10m²	12m²
Light*	Extra high	0.09	0.16	0.32	0.49	0.61	0.79	1.00
	Very high	0.07	0.13	0.26	0.40	0.50	0.65	0.80
	High	0.05	0.10	0.20	0.30	0.40	0.50	0.60
	Medium	0.03	0.05	0.10	0.15	0.20	0.25	0.30
	Low	0.02	0.03	0.07	0.10	0.15	0.15	0.20
Heavy*	Extra high	0.05	0.09	0.16	0.25	0.32	0.39	0.49
	Very high	0.04	0.07	0.13	0.20	0.26	0.32	0.40
	High	0.03	0.05	0.10	0.15	0.20	0.25	0.30
	Medium/Low	No securement for uplift required						