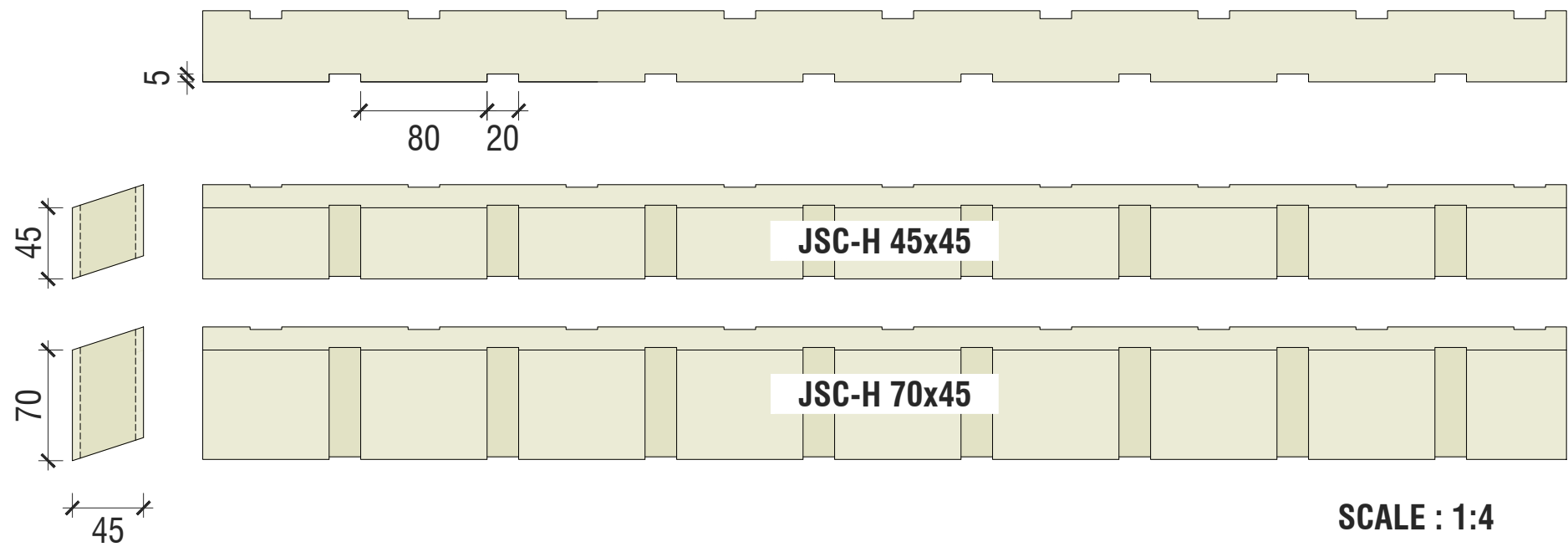


HORIZONTAL STRUCTURAL CAVITY BATTENS FIXING

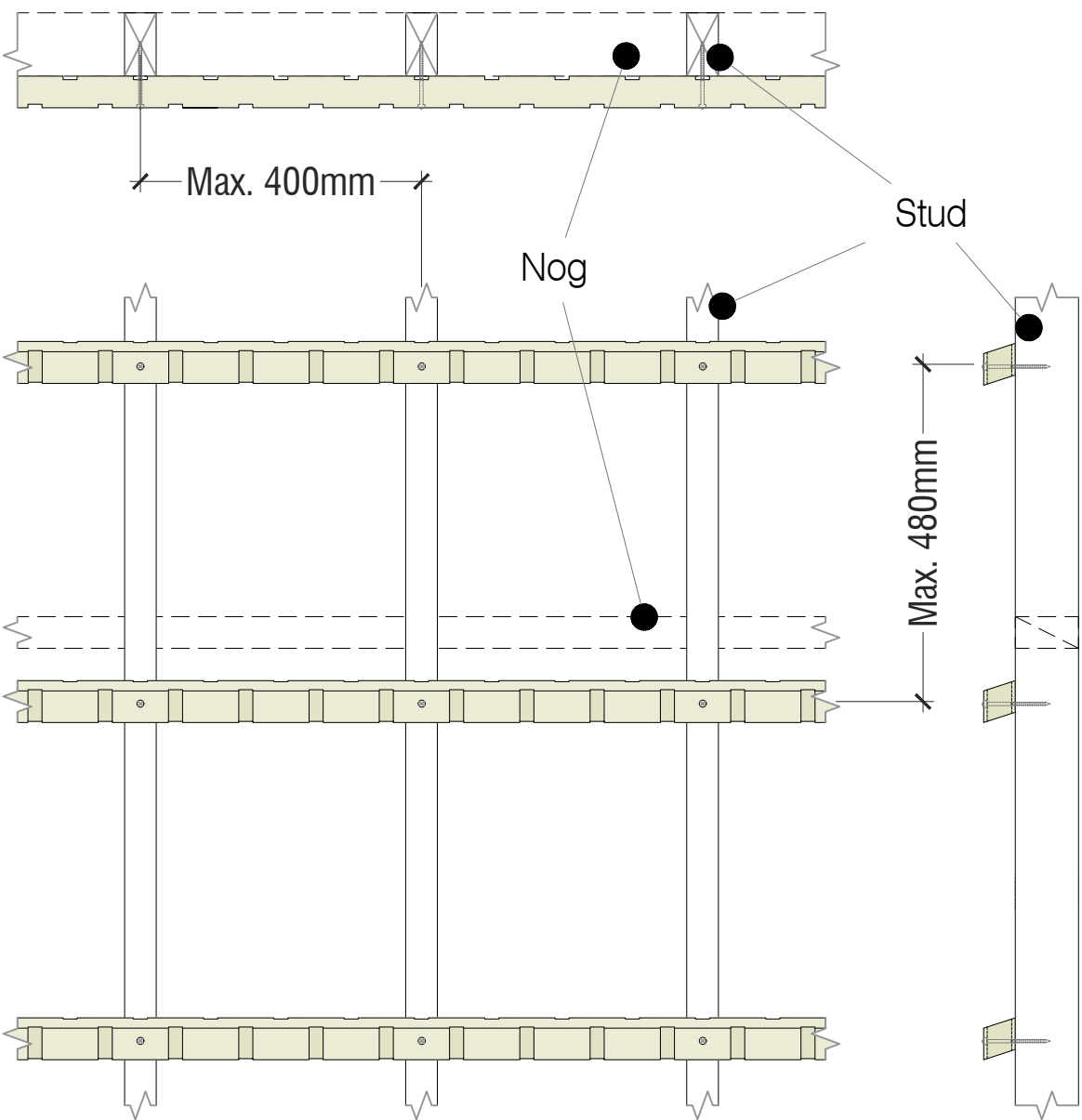


	Max. Stud Spacing	Nog Spacing	Cavity Batten Spacing	Wind Zones	Fixing Tension Required	Suitable *Fixing	Fixing Span
H1	400mm	Not required to be supported by a nog	480mm	up to Very High	0.5 kN/m	1,2,3	400mm over the studs
				Extra High	0.6 kN/m	1,2,3	
H2	600mm	800mm Alternating nogs behind every 2nd cavity batten	400mm	up to Very High	0.7 kN/m	1,2,3	300mm when nogs behind and 600mm when no nog behind
				Extra High	0.9 kN/m	2,3	
H3	600mm	Not required to be supported by a nog	480mm	up to Very High	0.7 kN/m	1,2,3	600mm over the studs
				Extra High	0.9 kN/m	2,3	

*Refer to Fixings

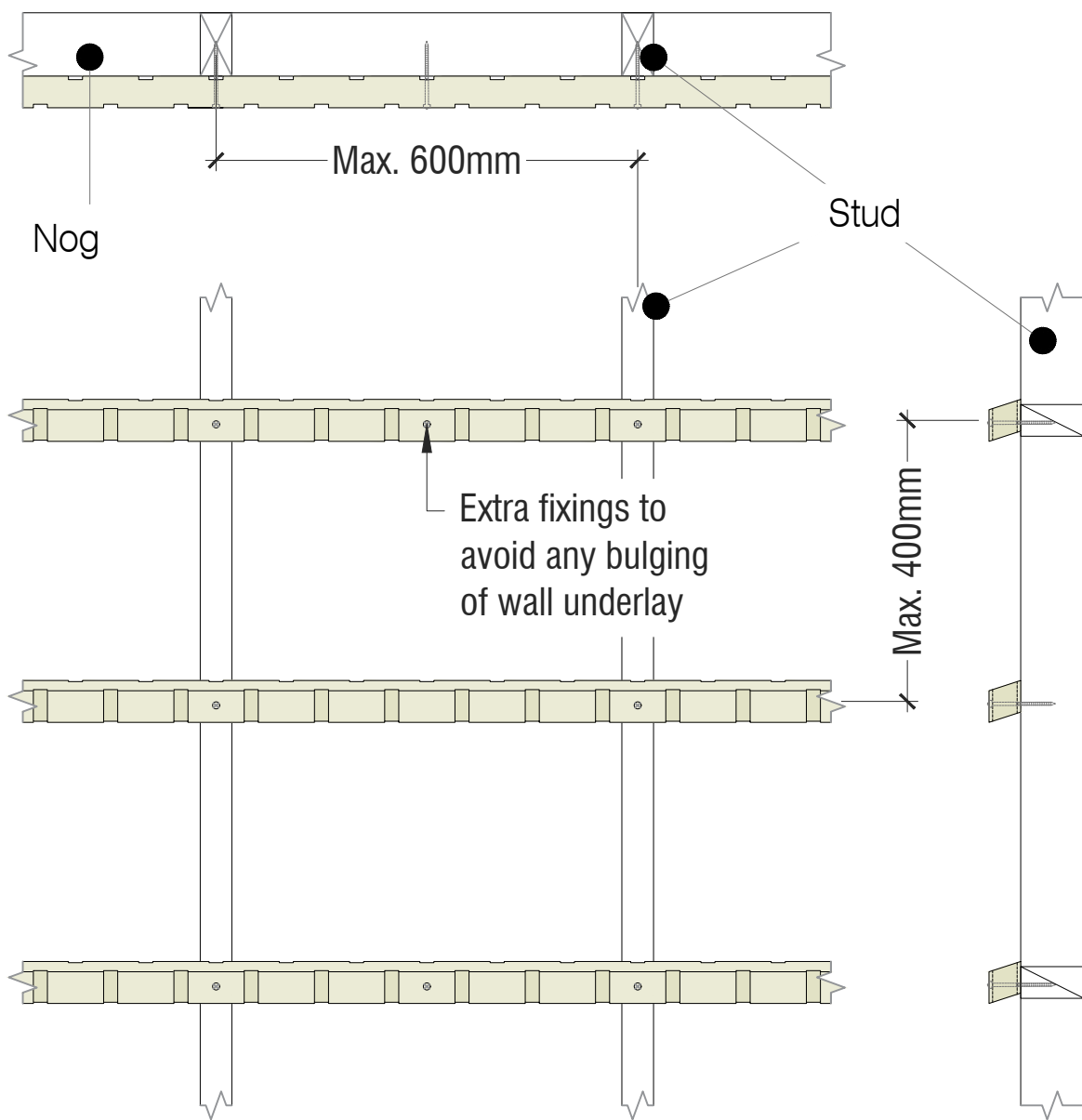
H1. JSC-H 45x45mm Cavity Batten

Studs @ 400mm | CB @ 480mm max.
In this scenario Cavity Battens are not required to be supported by a nog



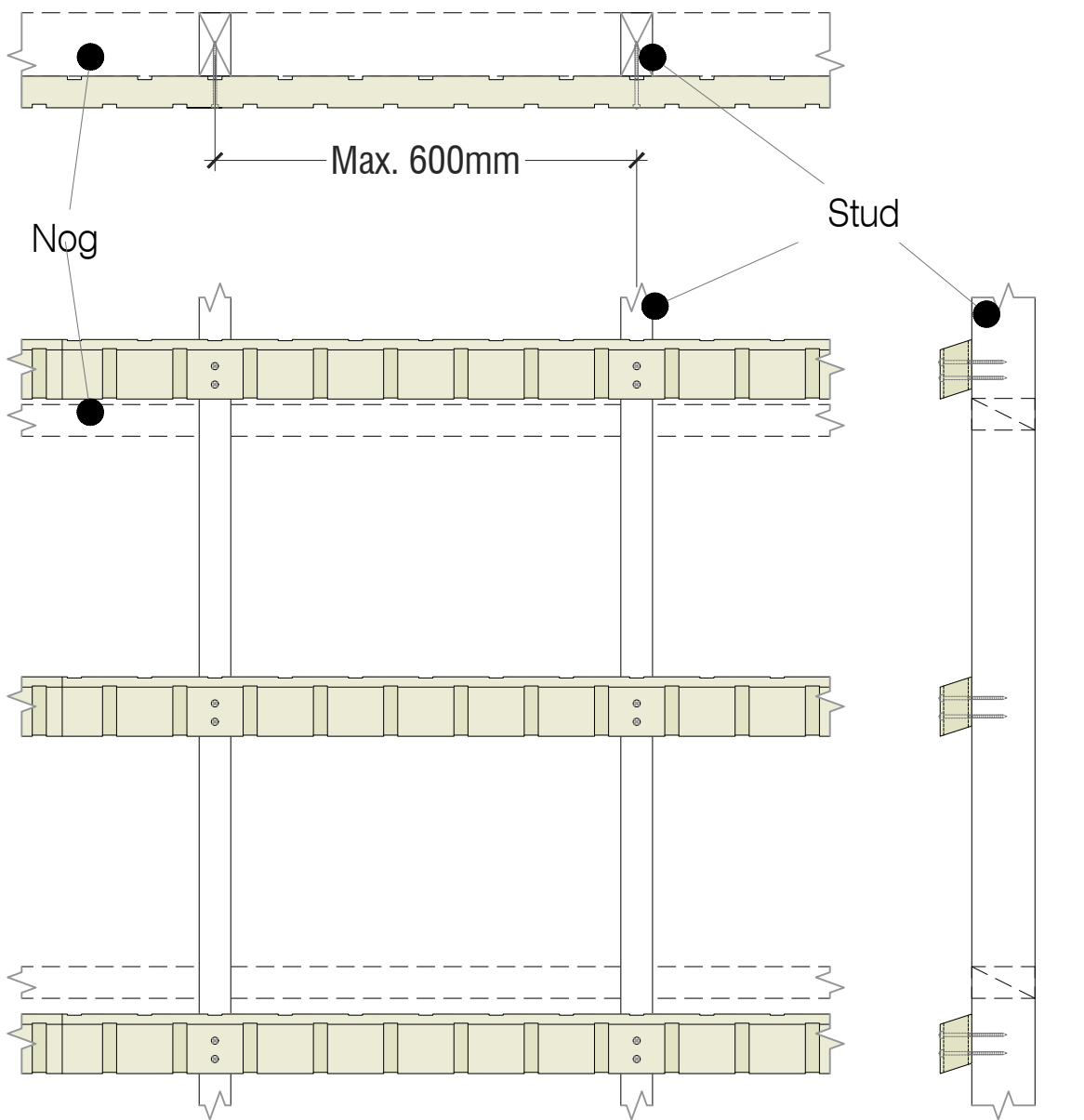
H2. JSC-H 45x45mm Cavity Batten

Studs @ 600mm | CB @ 400mm max.
Alternating nogs behind every second cavity batten



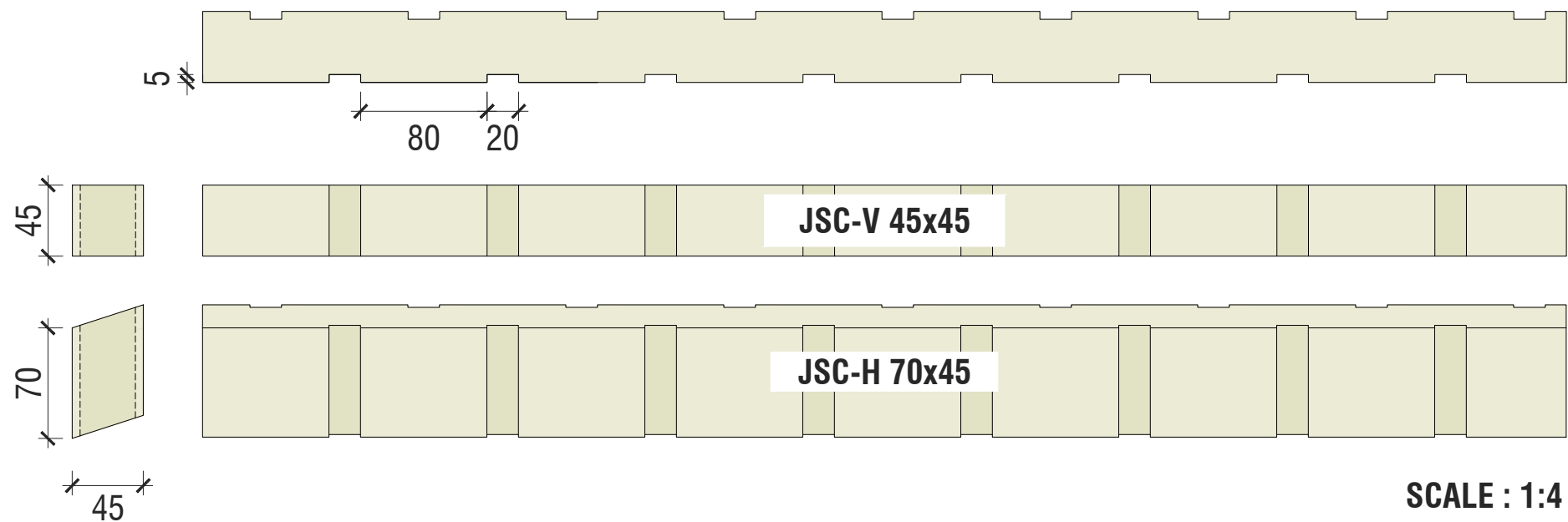
H3. JSC-H 70x45mm Cavity Batten

Studs @ 600mm | CB @ 480mm max.
In this scenario Cavity Battens are not required to be supported by a nog



SCALE : 1:10

VERTICAL STRUCTURAL CAVITY BATTENS FIXING



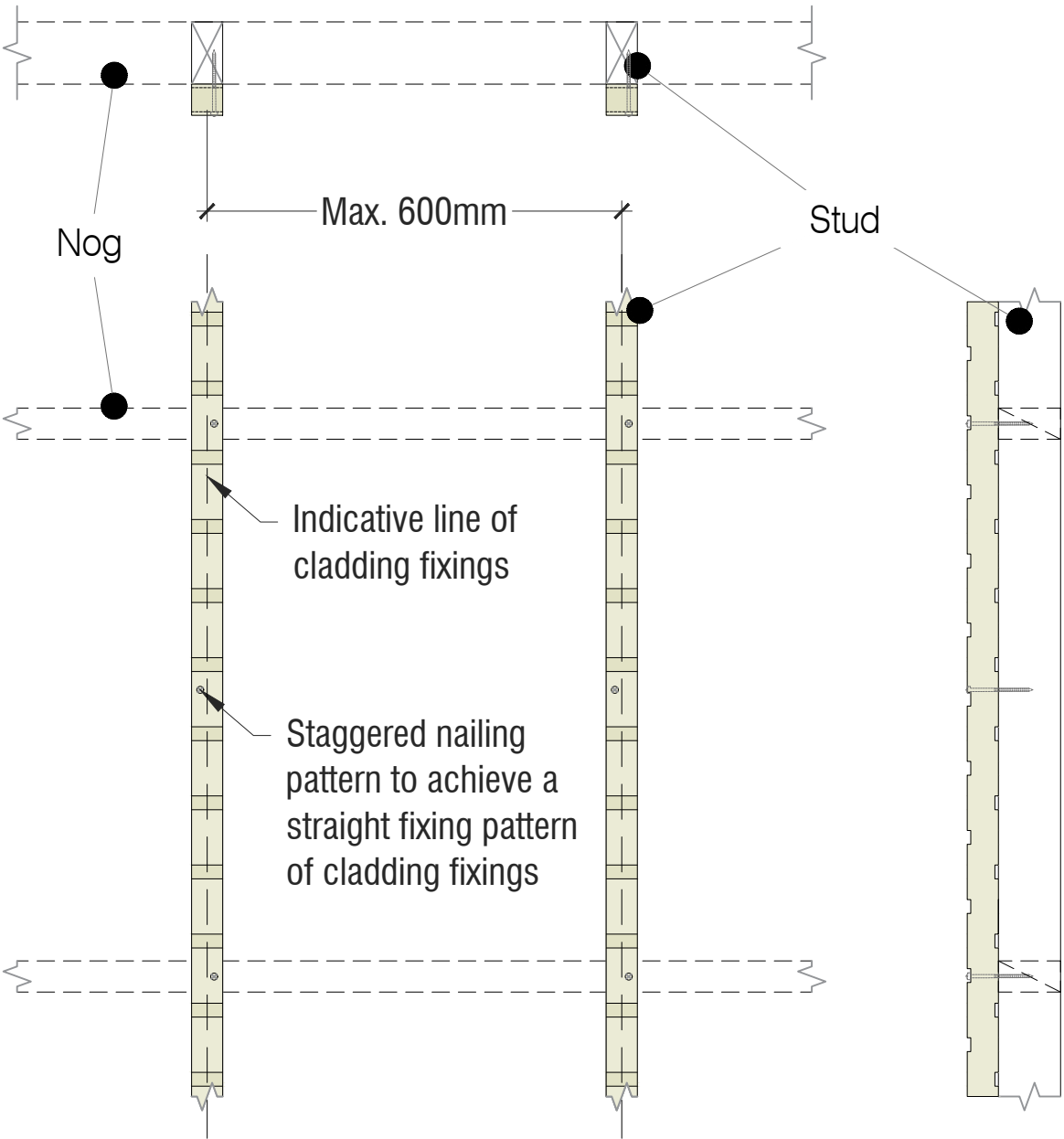
	Stud Spacing	Max. Nog Spacing	Max. Cavity Batten Spacing	Wind Zones	Fixing Tension Required	Fixing Span for *fixings	
						1	2 & 3
V1	600mm	As per NZS 3604	600mm	up to Very High	1.8kN/m	400mm	600mm
				Extra High	2.2 kN/m	300mm	500mm
V2	400mm	400mm	600mm Every second batten over studs	up to Very High	1.8kN/m	400mm	600mm
				Extra High	2.2 kN/m	N/A	400mm
V3	As per NZS 3604	600mm	600mm	up to Very High	0.7 kN/m	600mm	600mm
				Extra High	0.9 kN/m	N/A	600mm**

*Refer to Fixings

**Only for fixing type 3

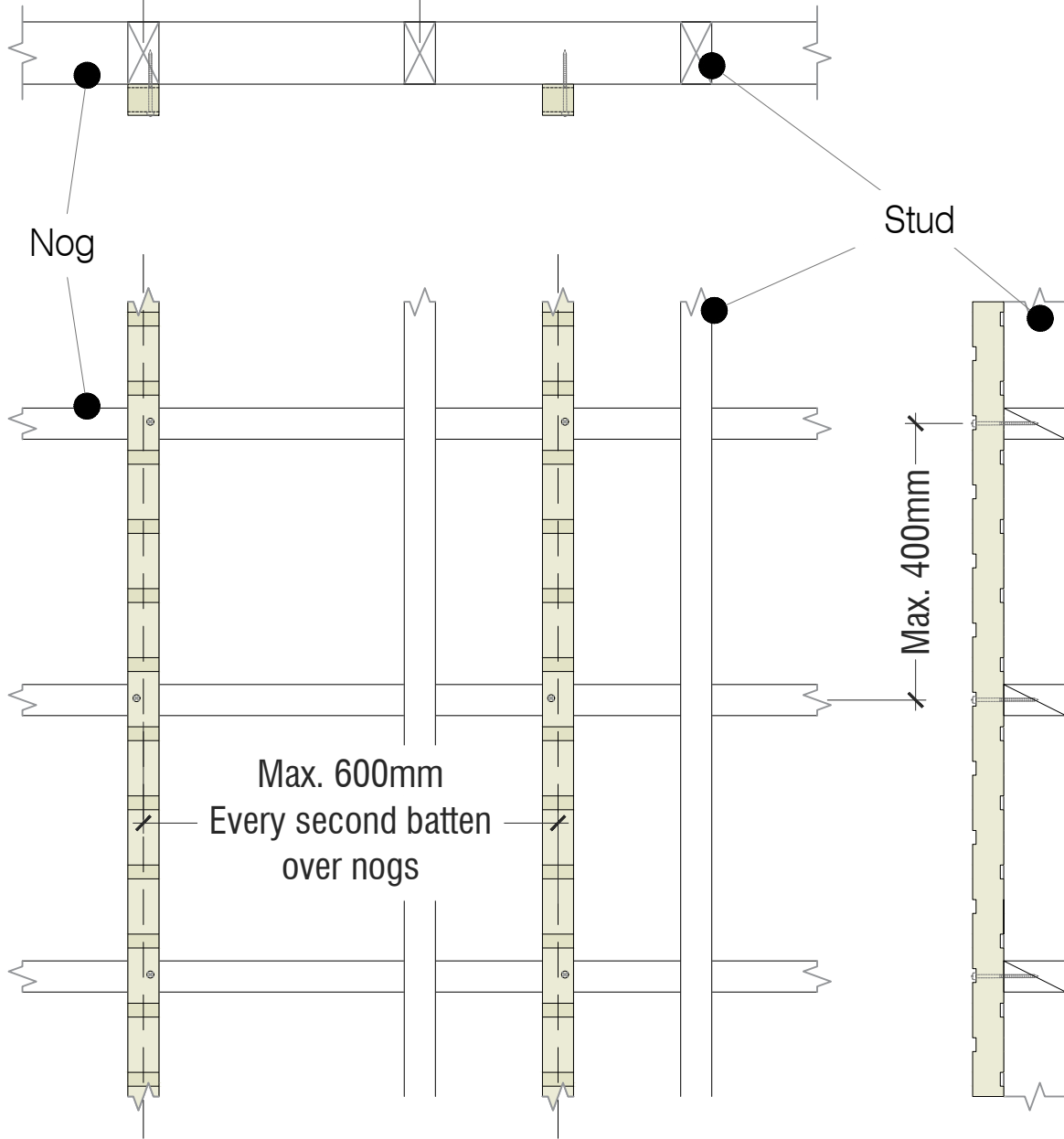
V1. JSC-V 45x45mm Cavity Batten

Studs @ 600mm | CB @ 600mm
Nogs as per NZS 3604



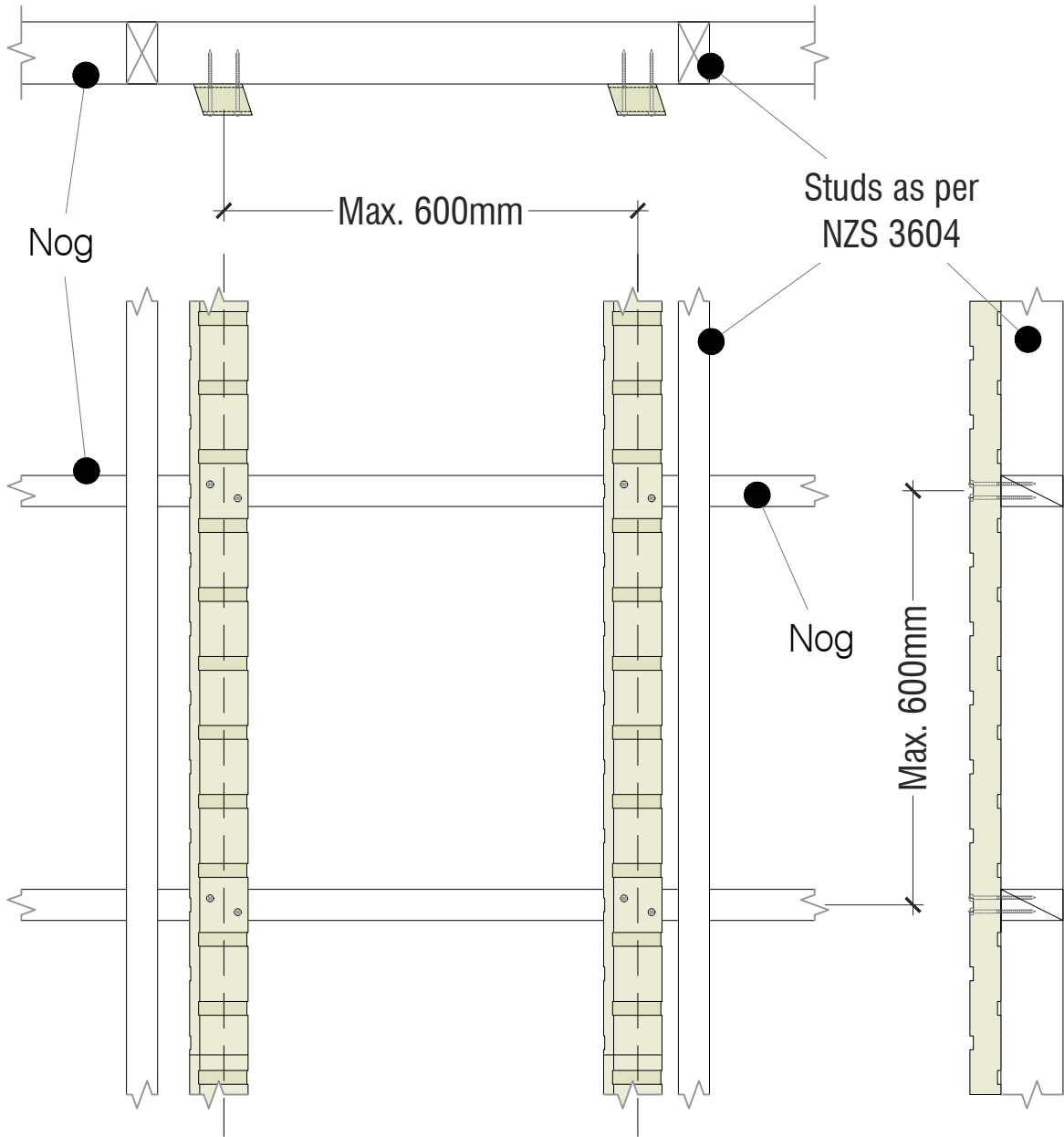
V2. JSC-V 45x45mm Cavity Batten

Studs @ 400mm | CB @ 600mm | Nogs @ 400mm
Every second CB fixed over studs



V3. JSC-H 70x45mm Cavity Batten

Nogs @ 600mm | CB @ 600mm
Studs as per NZS 3604



SCALE : 1:10

FIXINGS:

- Single 90 x 3.15 Stainless Steel Annular grooved gun nail
- Single 75 x 10g or 90 x 10g Wood screw
- Double 90 x 3.15 Stainless Steel Annular grooved gun nail

DETAIL NOTES:

- Cavity battens are profiled to JSC Specifications and are treated to H3.2 CCA as per NZS 3604
- Wall Underlay and other building components are not shown to provide more clarity

- Framing must be as per NZS 3604 or fit for purpose and other building elements may need to be accommodated
- Custom setup options may be available. Contact us to discuss your design requirements
- Visit www.jsc.co.nz for weatherboard installation literature