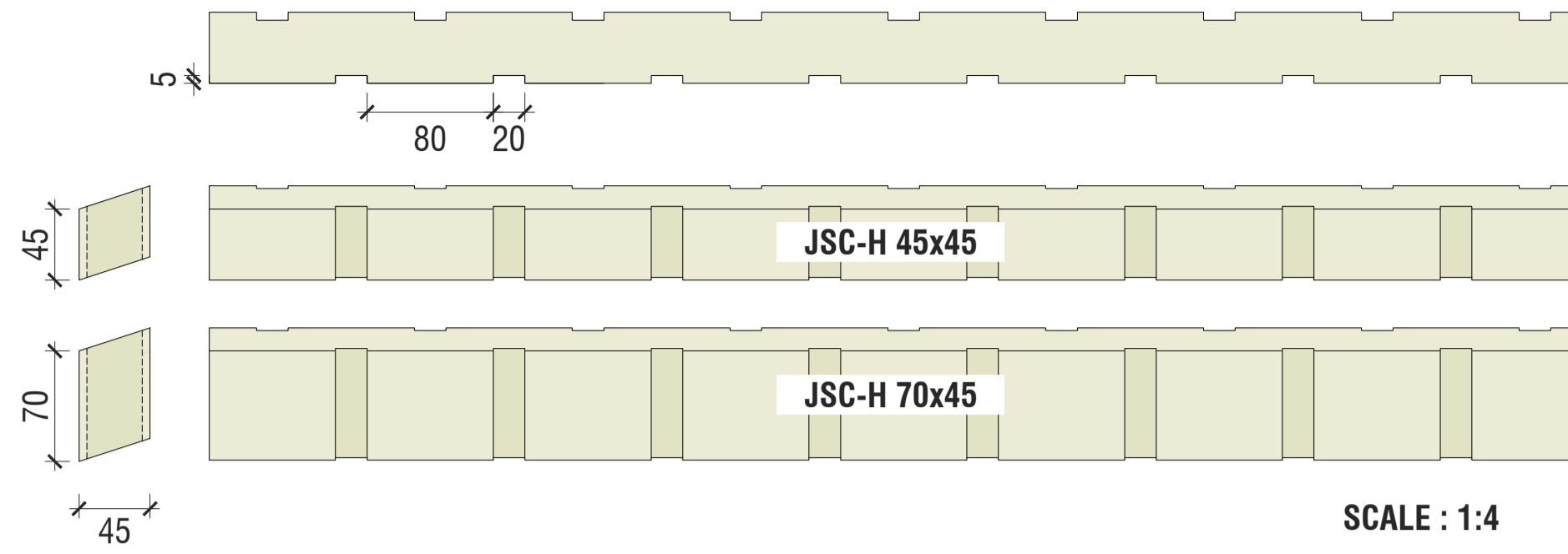


# HORIZONTAL STRUCTURAL CAVITY BATTENS FIXING

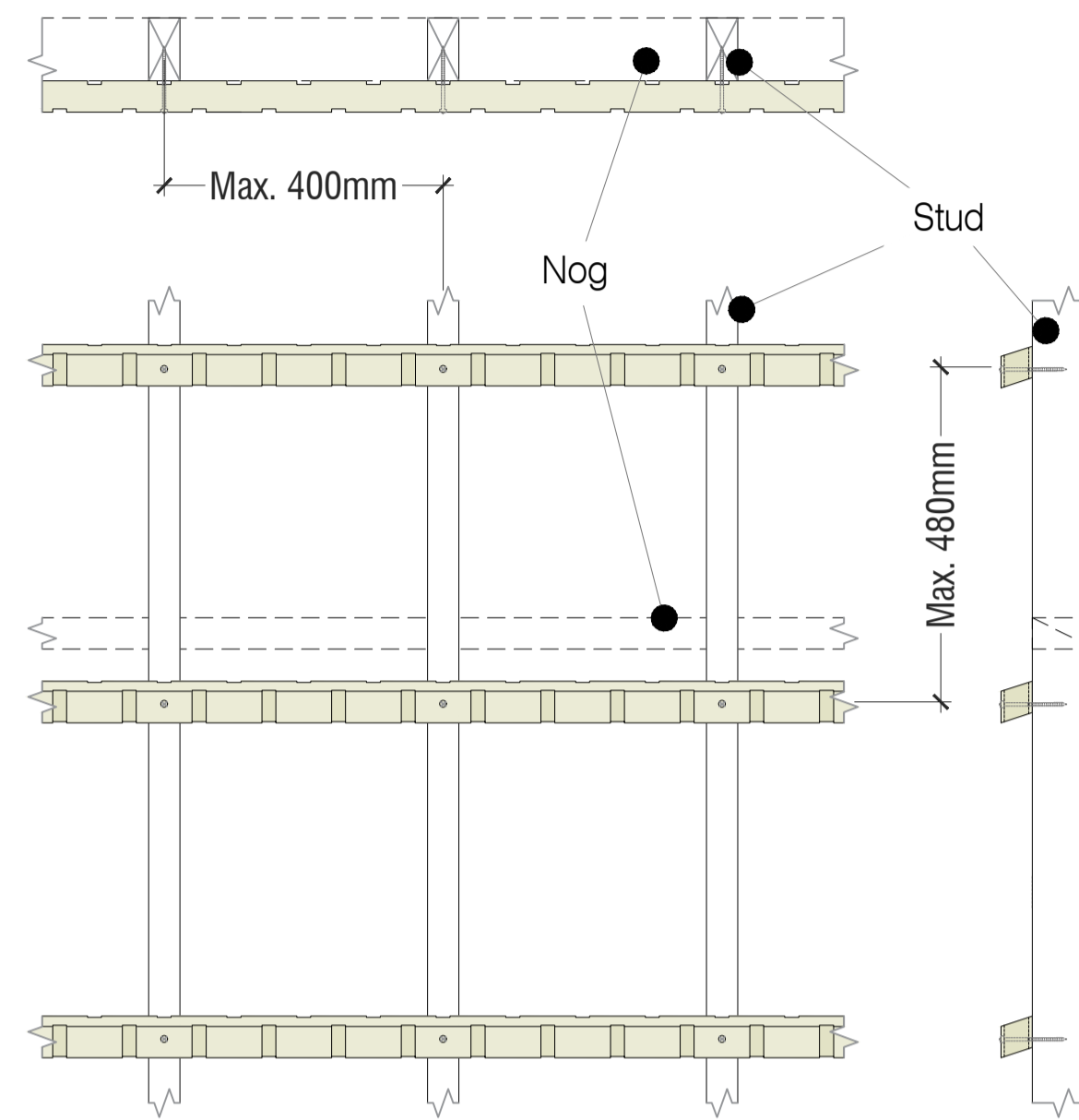


	Max. Stud Spacing	Nog Spacing	Cavity Batten Spacing	Wind Zones	Fixing Tension Required	Suitable *Fixing	Fixing Span
H1	400mm	Not required to be supported by a nog	480mm	up to Very High Extra High	0.5 kN/m 0.6 kN/m	1,2,3 1,2,3	400mm over the studs
H2	600mm	800mm Alternating nogs behind every 2nd cavity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

\*Refer to Fixings

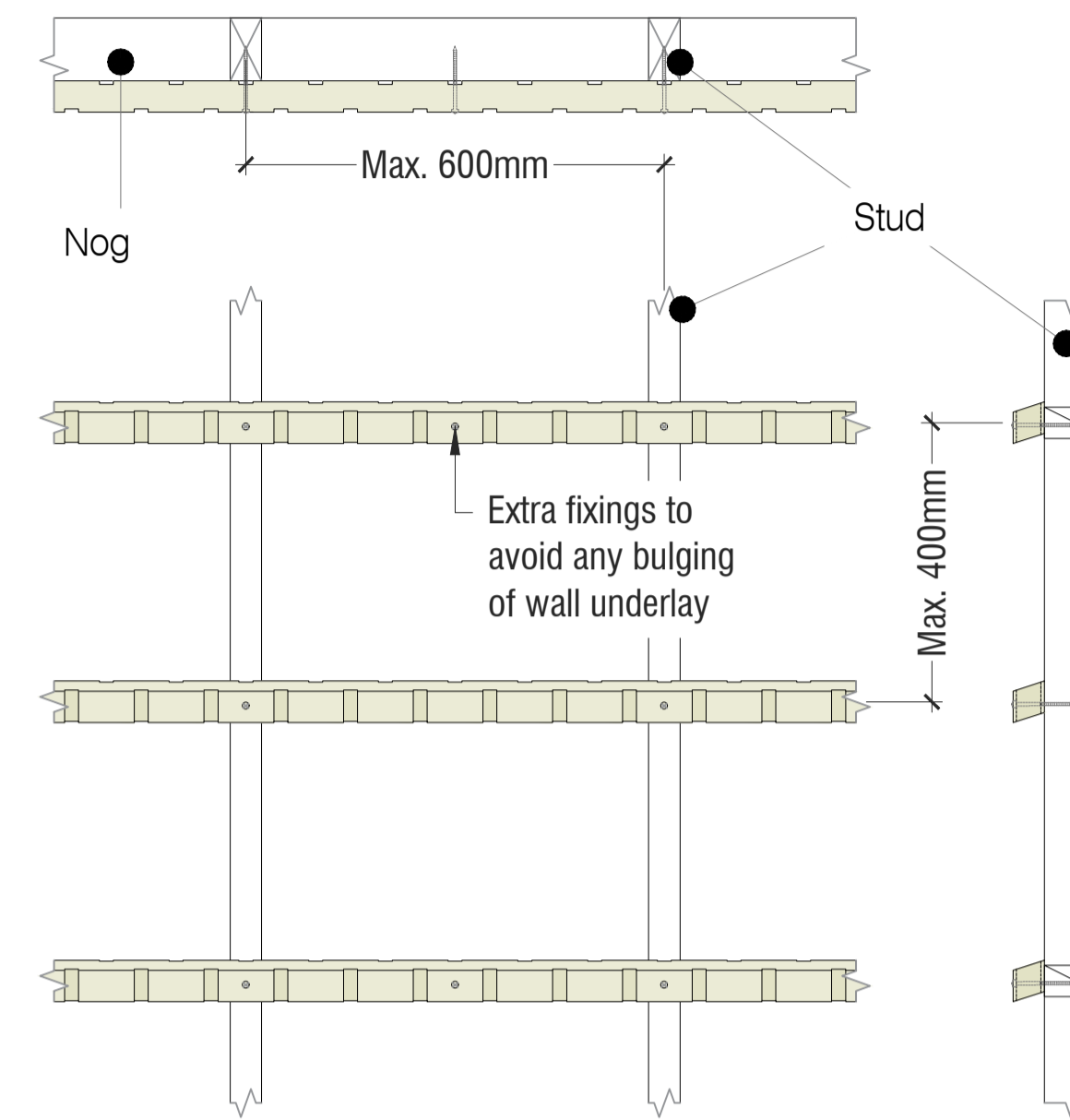
## H1. JSC-H 45x45mm Cavity Batten

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



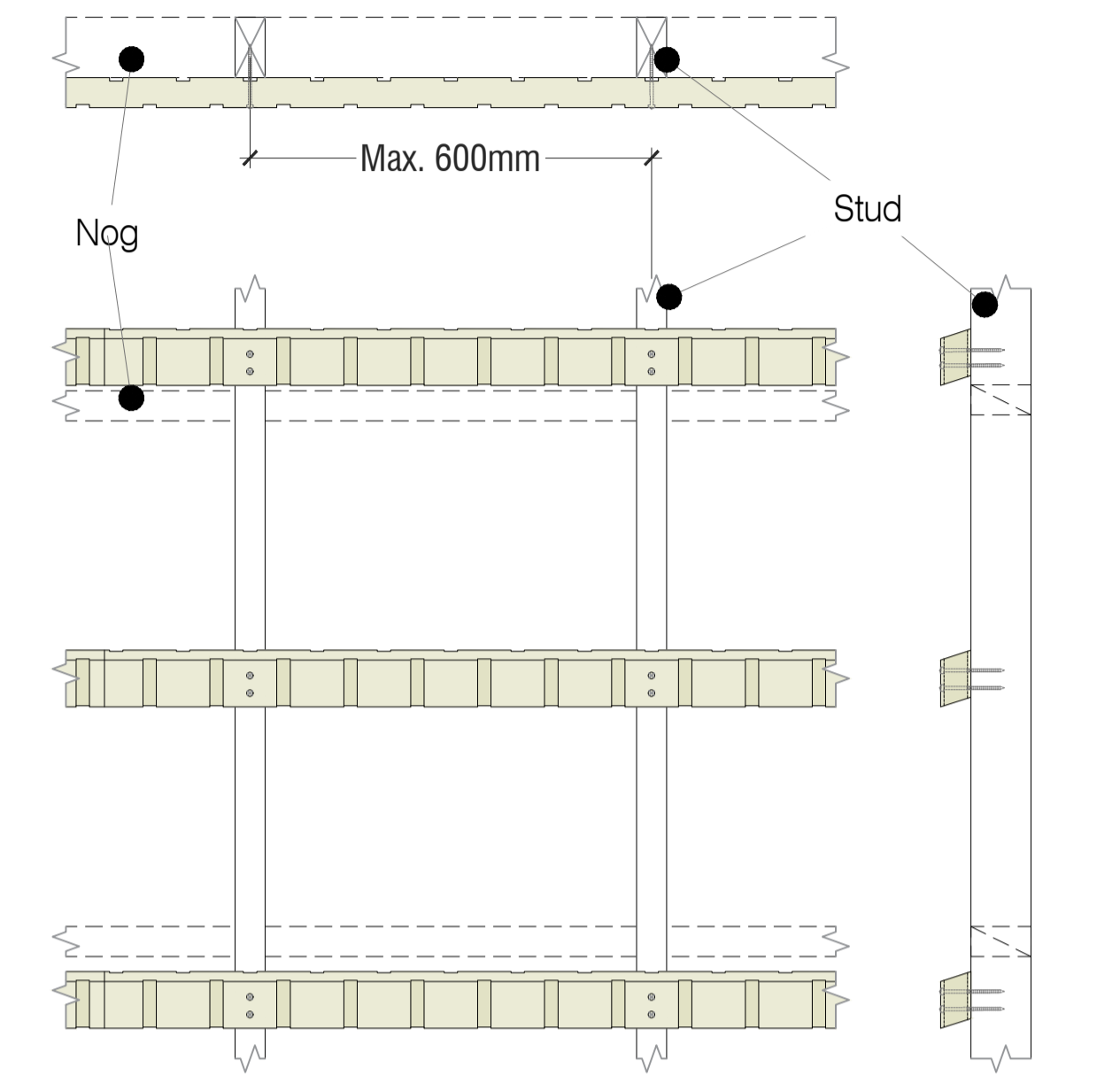
## H2. JSC-H 45x45mm Cavity Batten

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



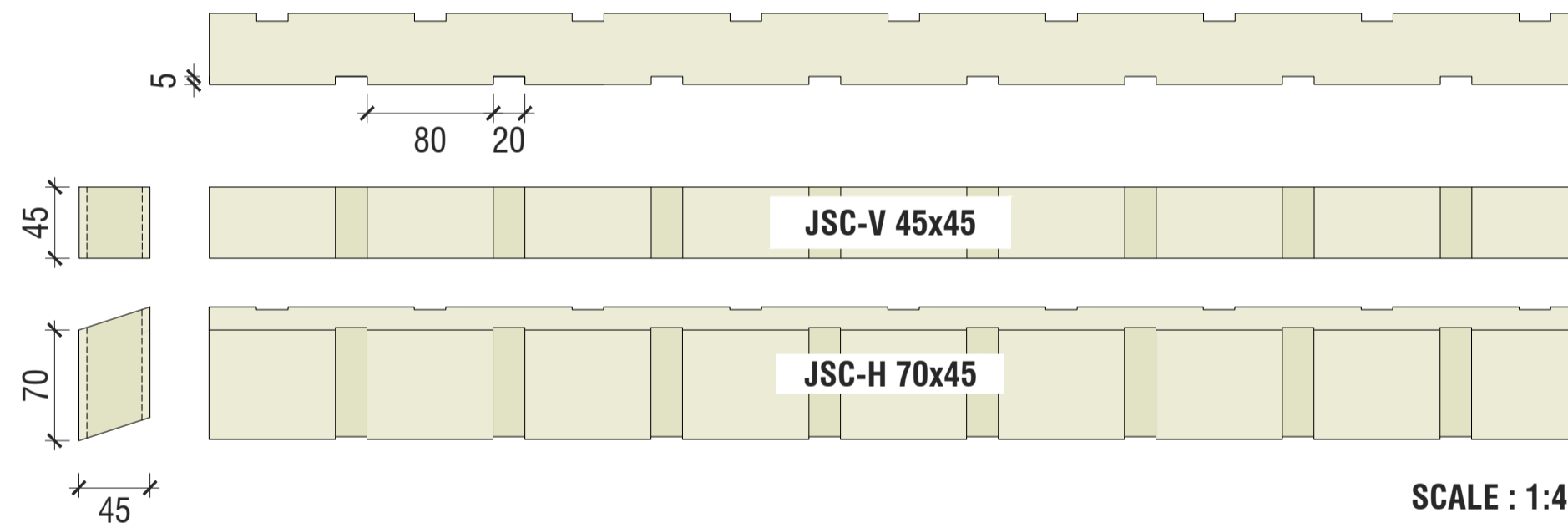
## H3. JSC-H 70x45mm Cavity Batten

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



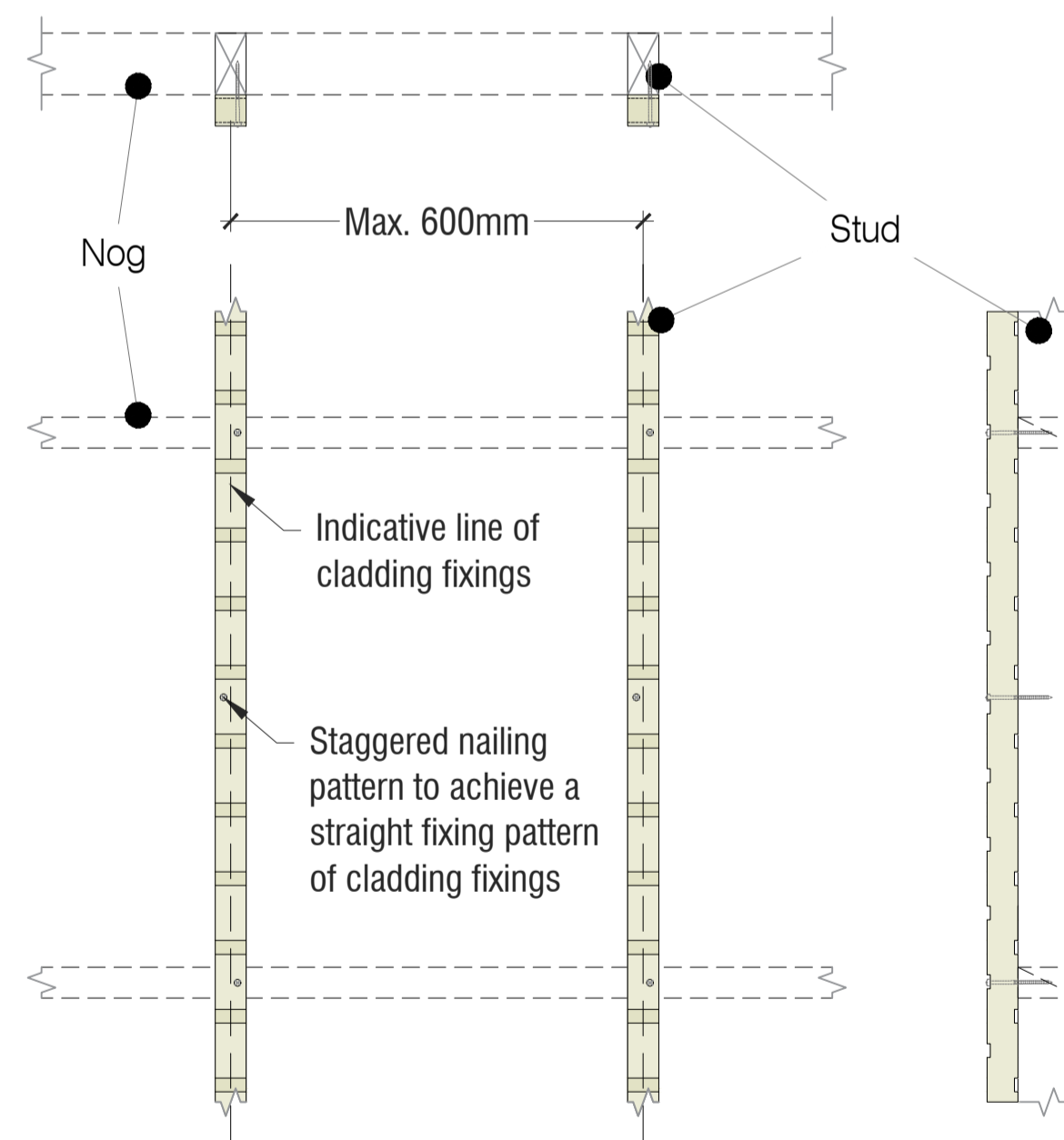
	Stud Spacing	Max. Nog Spacing	Max. Cavity Batten Spacing	Wind Zones	Fixing Tension Required	Fixing Span for *fixings	
						1	2 & 3
V1	600mm	No specific requirement for nogs	600mm	up to Very High Extra High	1.8kN/m 2.2 kN/m	400mm 300mm	600mm 500mm
V2	400mm	400mm	600mm Every second batten over studs	up to Very High Extra High	1.8kN/m 2.2 kN/m	400mm N/A	600mm 400mm
V3	As per NZS 3604	600mm	600mm	up to Very High Extra High	0.7 kN/m 0.9 kN/m	600mm N/A	600mm 600mm**

\*Refer to Fixings

\*\*Only for fixing type 3

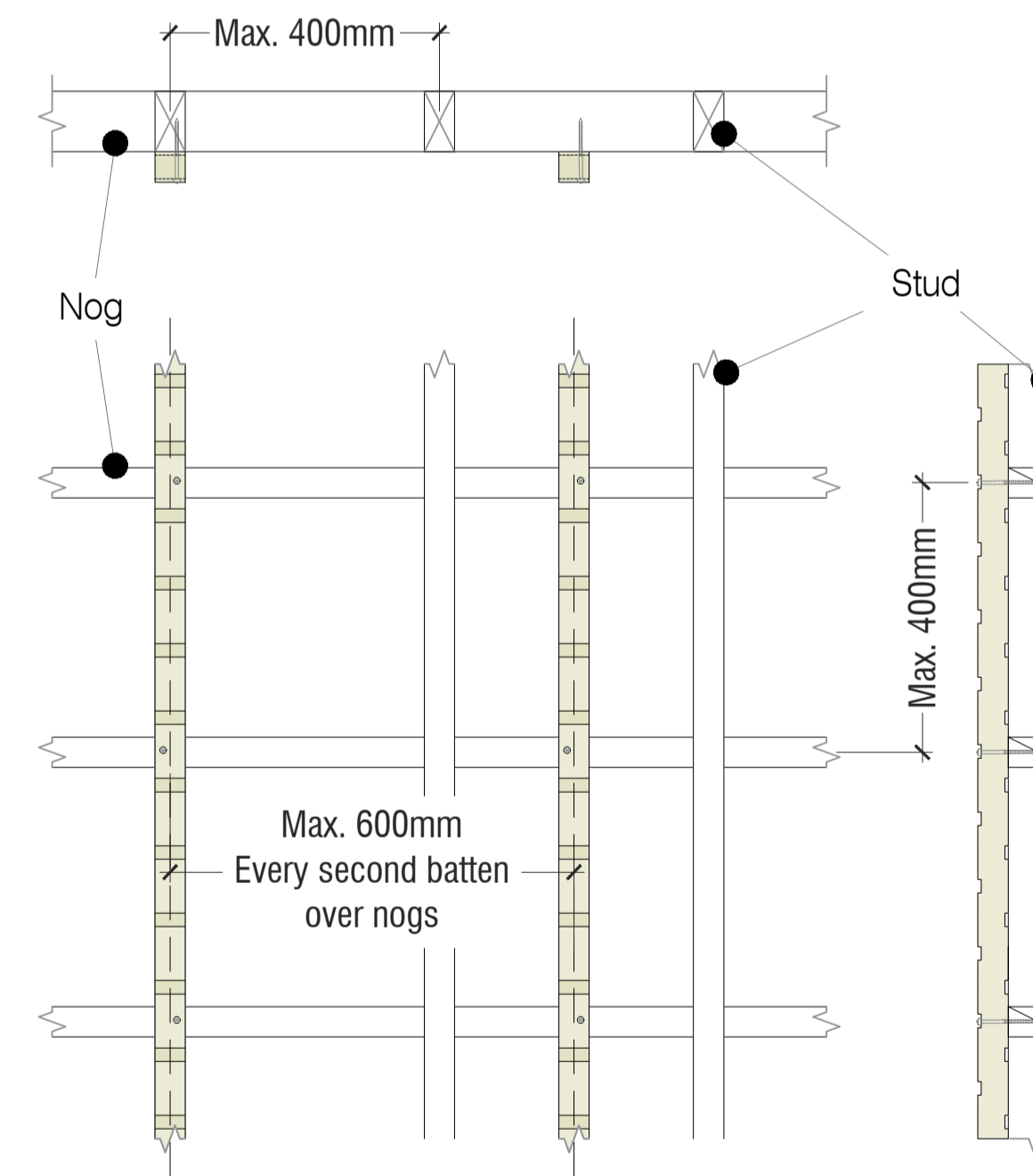
## V1. JSC-V 45x45mm Cavity Batten

Studs @ 600mm | CB @ 600mm  
No specific requirement for nogs



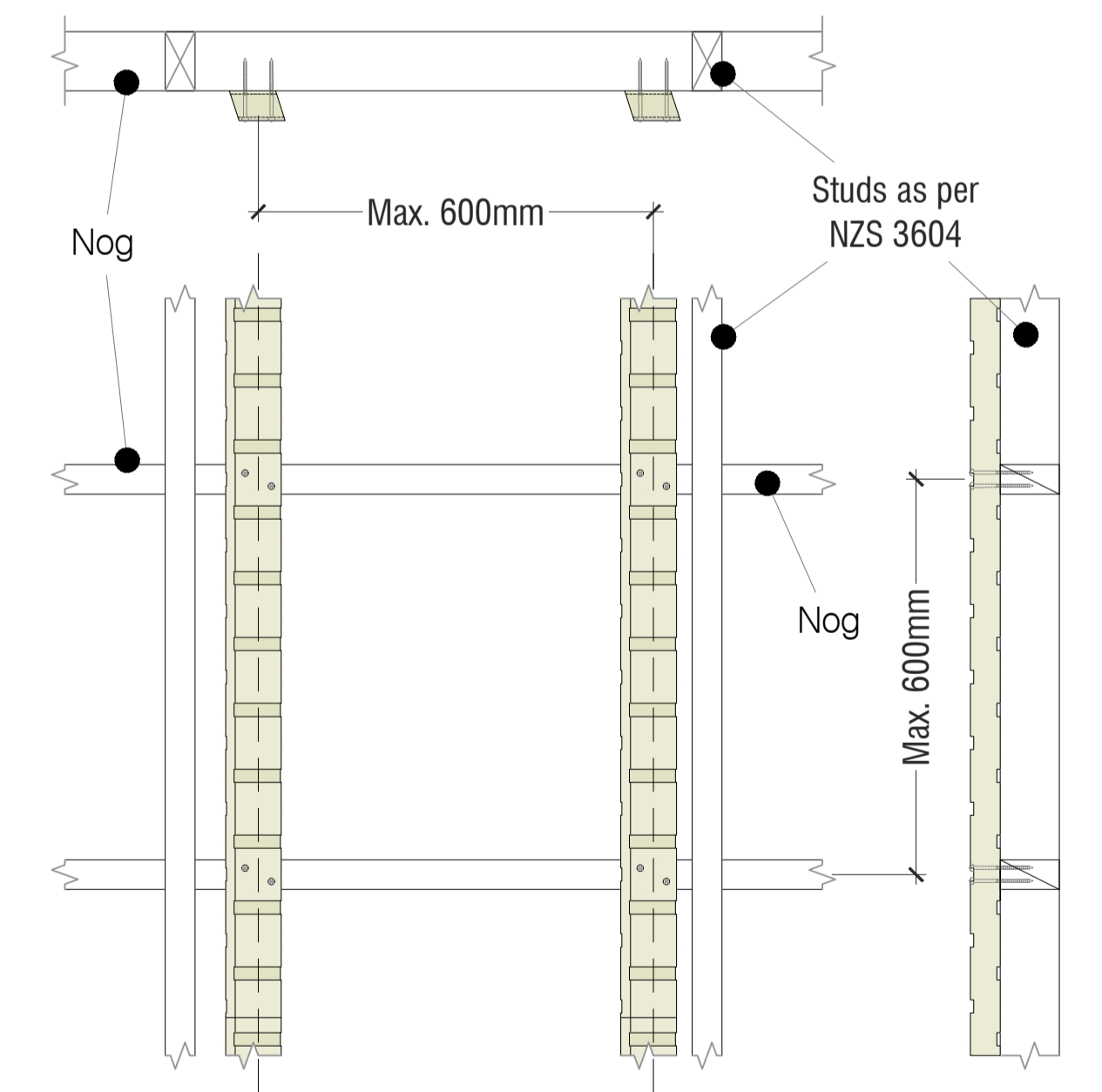
## V2. JSC-V 45x45mm Cavity Batten

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:

1. Single 90 x 3.15 Stainless Steel Annular grooved gun nail
2. Single 75 x 10g or 90 x 10g Wood screw
3. Double 90 x 3.15 Stainless Steel Annular grooved gun nail

### DETAIL NOTES:

1. Cavity battens are profiled to JSC Specifications and are treated to H3.2 CCA as per NZS 3604
2. Wall Underlay and other building components are not shown to provide more clarity
3. Framing must be as per NZS 3604 or fit for purpose and other building elements may need to be accommodated

4. JSC structural cavity battens have not been evaluated for installation with other cladding types. The structural cavity battens are designed as an addition to the structural frame and their only function is to support the weatherboards.
5. Custom setup options may be available. Contact us to discuss your design requirements
6. Visit [www.jsc.co.nz](http://www.jsc.co.nz) for weatherboard installation literature