

GLASIO

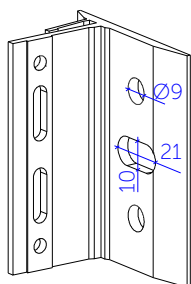
WORLD-WIDE
UNIQUE
ACOUSTIC
MATERIAL

WWW.GLASIO.EU

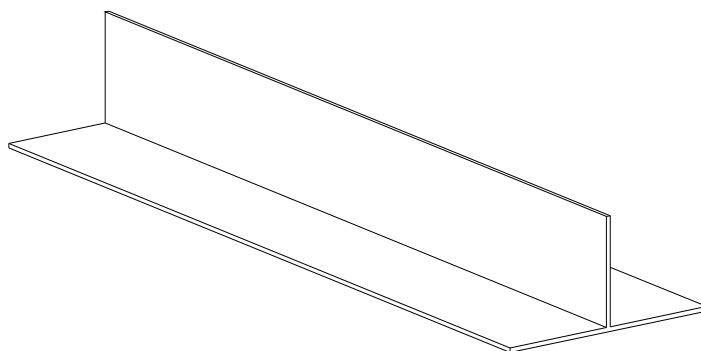
SYSTEM COMPONENTS AND ACCESORIES

The system is provided with a full set of load bearing profiles, fixings & fasteners and accesories for fast installtion

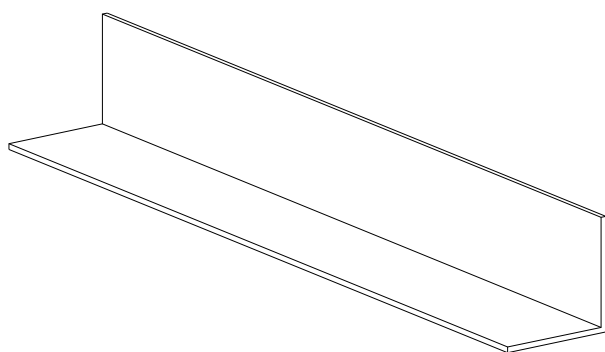
GRID



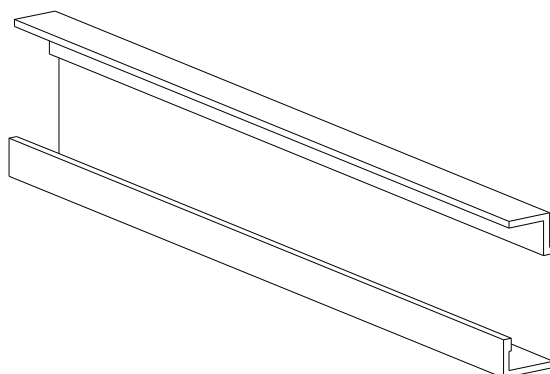
G01
wall bracket (80/40/3)



G02
T profile vertical (T 80/40/1,6)



G03
L profile vertical (L 40/40/2)

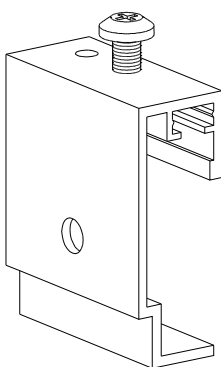


G04
C profile horizontal

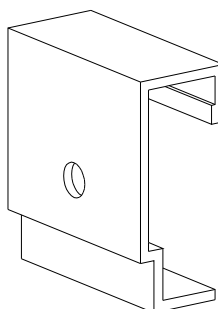
FIXINGS & FASTENERS - part 1



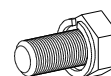
F01
self drill. screw (TEX 4,8 x 19)



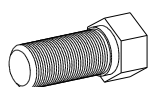
F02
adjustable hanger - profile



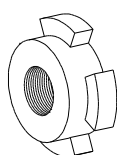
F03
flexible hanger - profile



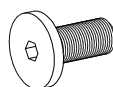
F04
bolt M8, washer, hex. head



F05
spacer tube



F06
transparent adjustable nut

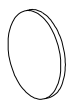


F07
bolt M8, button socket head



F08
safety screw

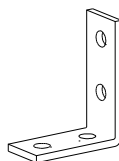
FIXINGS & FASTENERS - part 2



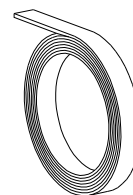
F09
self adhesive cap



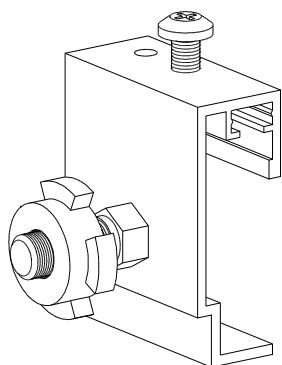
F10
glass plug



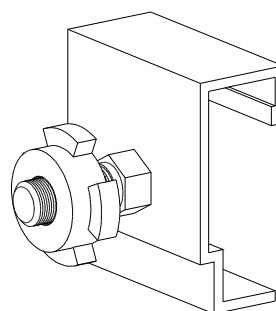
F11
brackets for plinth anchoring



F12
velcro for plinth anchoring

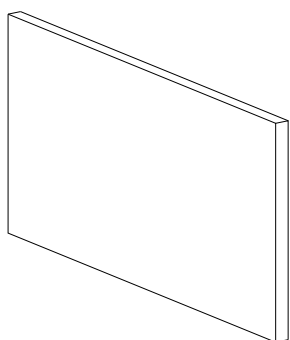


FHA
adjustable hanger - assembled
(parts F02, F04, F05, F06)

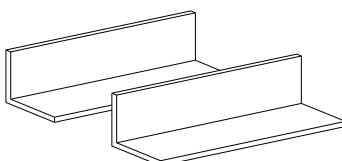


FHF
flexible hanger - assembled
(parts F03, F04, F05, F06)

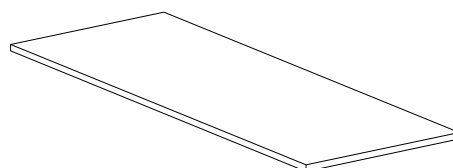
ACCESSORIES



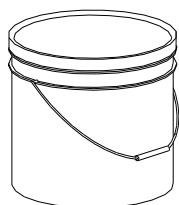
A01
absorbent pad (1,2 x 0,6 x 0,05 m)



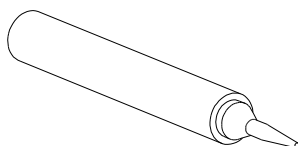
A02
distance pad (thickness 2 mm)



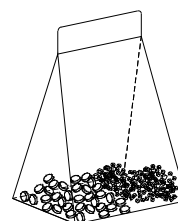
A03 - A07
plinth, side and top panels (3000
x 110 (65) x 6 mm)



A08
silicon sealant



A09
white silicon



A10
repair set

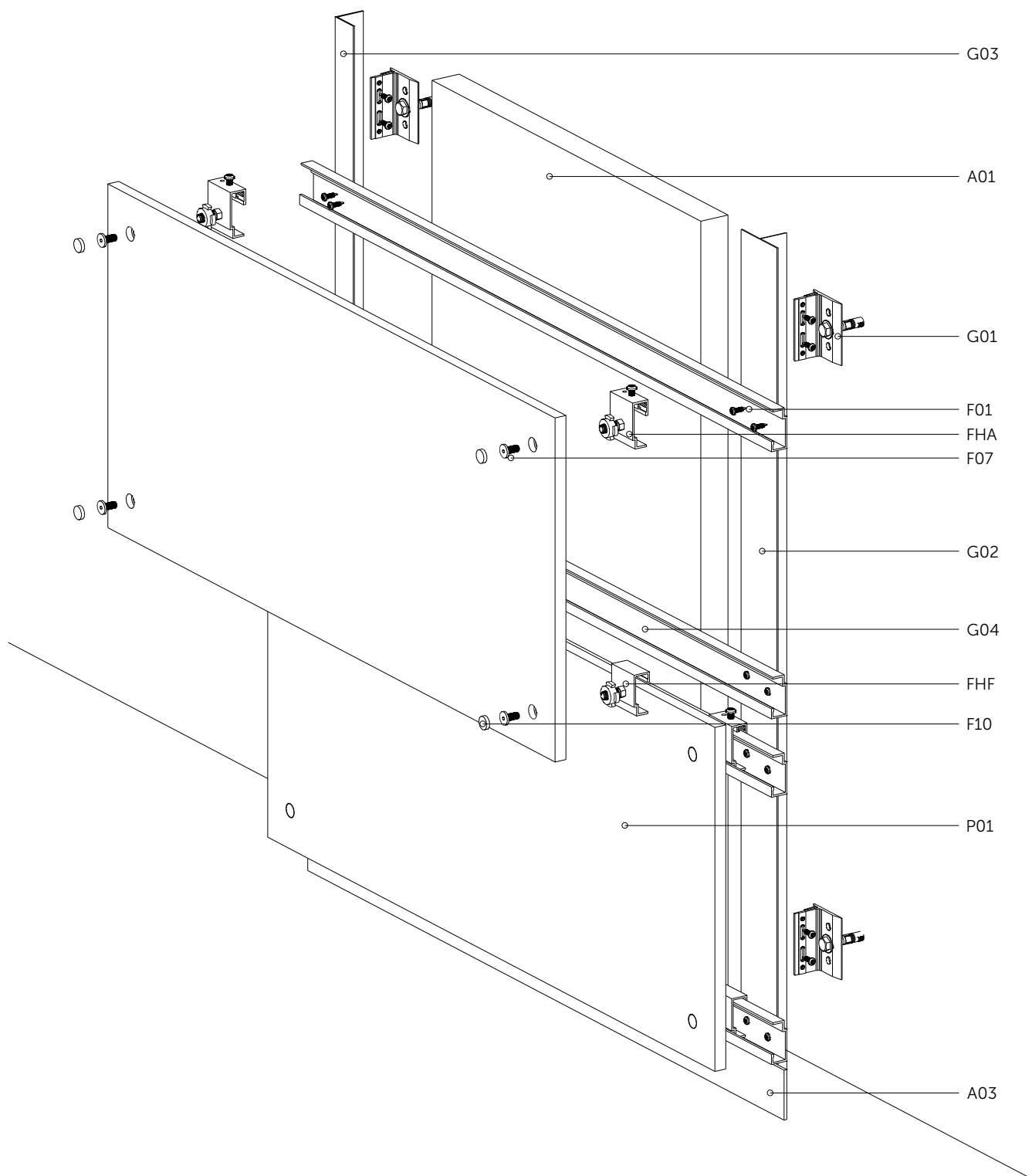
GLASIO 110 SYSTEM

MAIN COMPONENTS OF THE GLASIO 110 SYSTEM

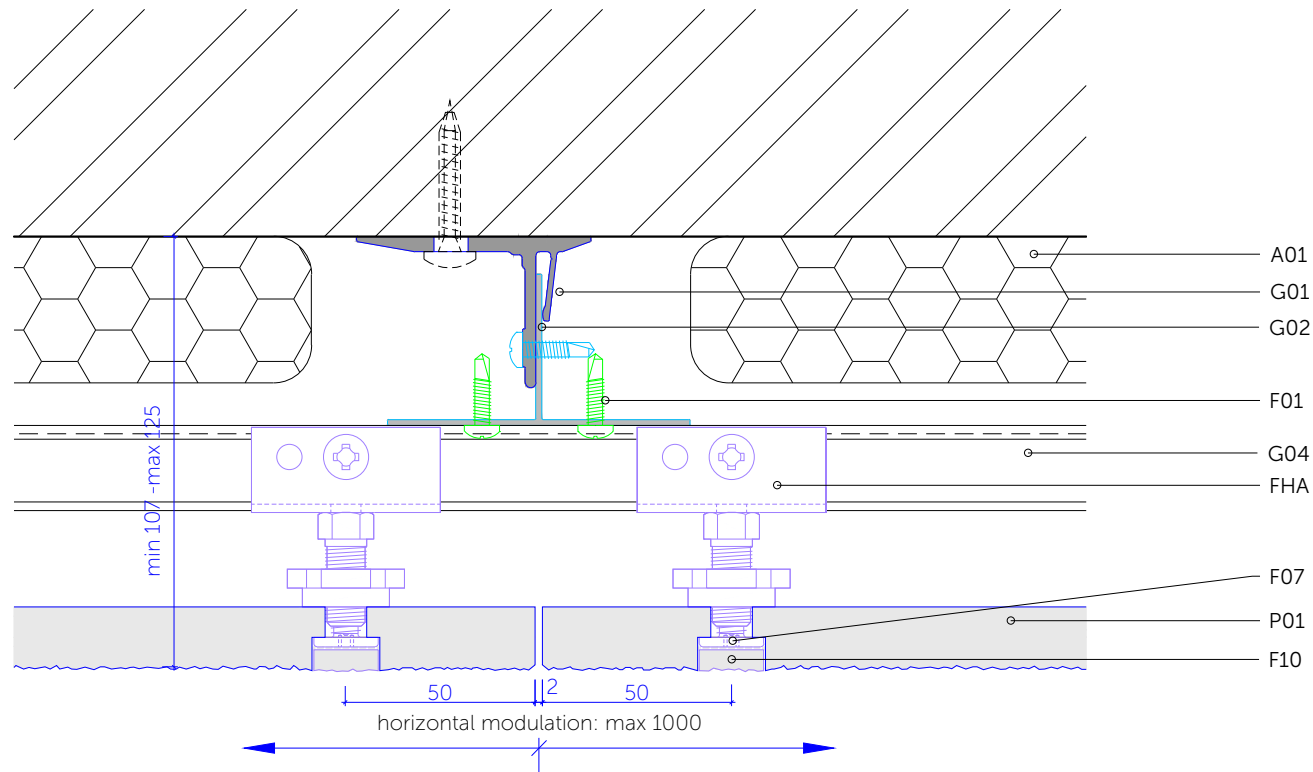
P01 - panel for Glasio 110
G01 - wall bracket (80/40/3)
G02 - T profile vertical (T 80/40/1,6)
G03 - L profile vertical (L 40/40/2)

G04 - C profile horizontal
F01 - self drilling screw (TEX 4,8 x 19)
F07 - bolt M8 stainless, button socket head
F10 - glass plug

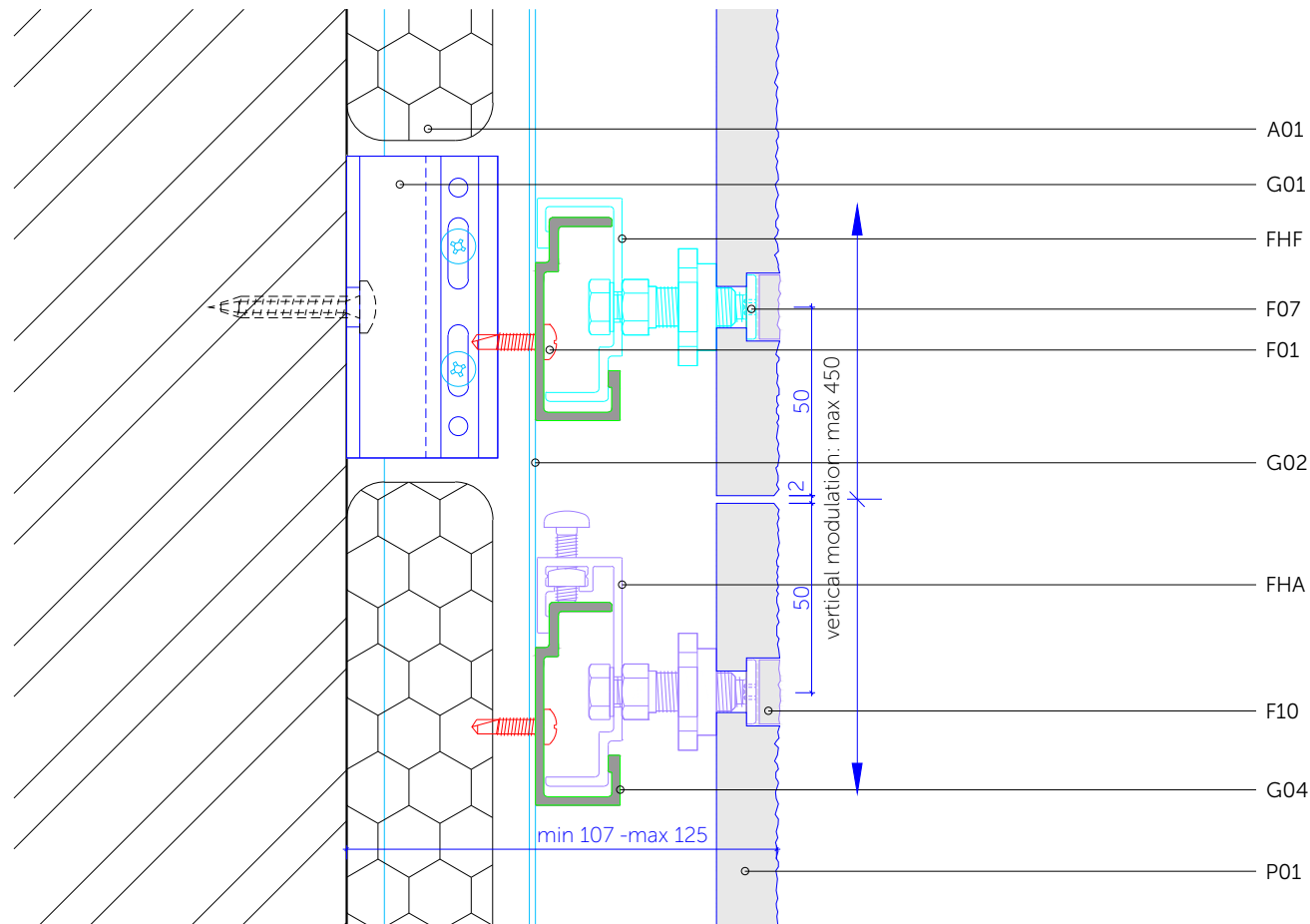
FHA - adjustable hanger - assembled
FHF - flexible hanger - assembled
A01 - absorbent pad (1,2 x 0,6 x 0,05 m)
A03 - plinth (3000 x 65 x 6 mm)



HORIZONTAL SECTION



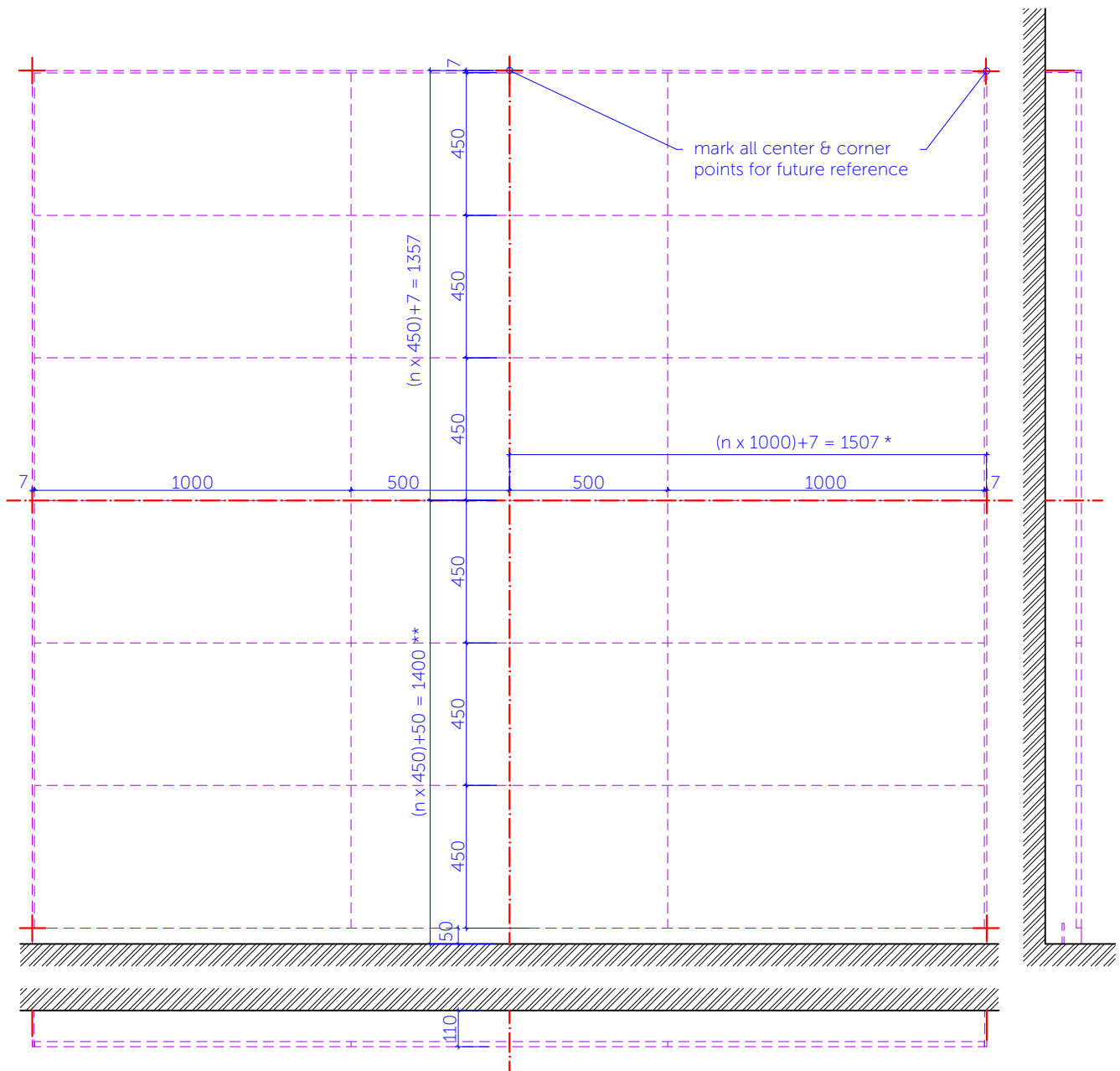
VERTICAL SECTION



GLASIO 110 - INSTALLATION MANUAL

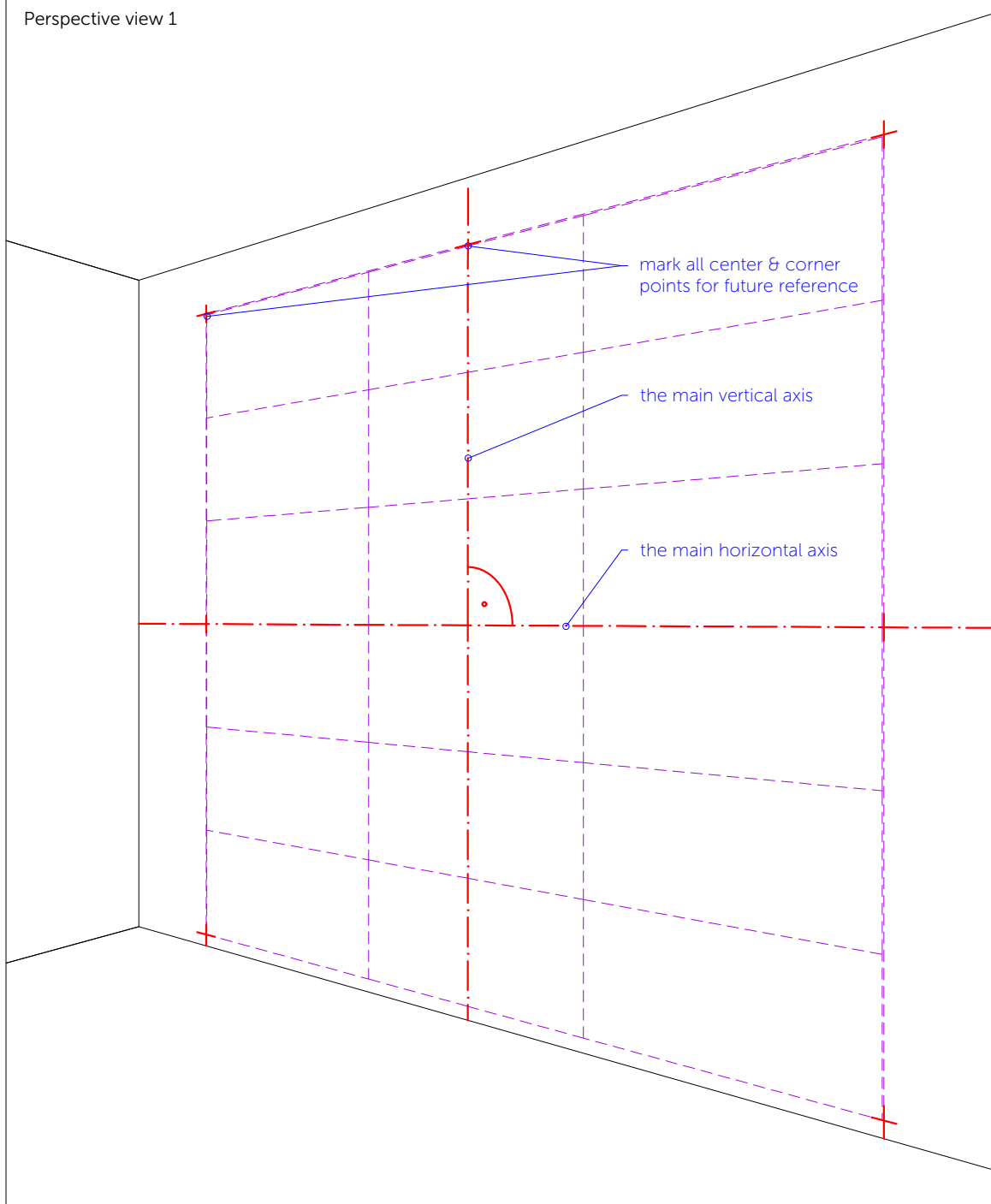
The system is provided with a full set of load bearing profiles, fixings & fasteners and accessories for fast installation

STEP 1 - initial measurements



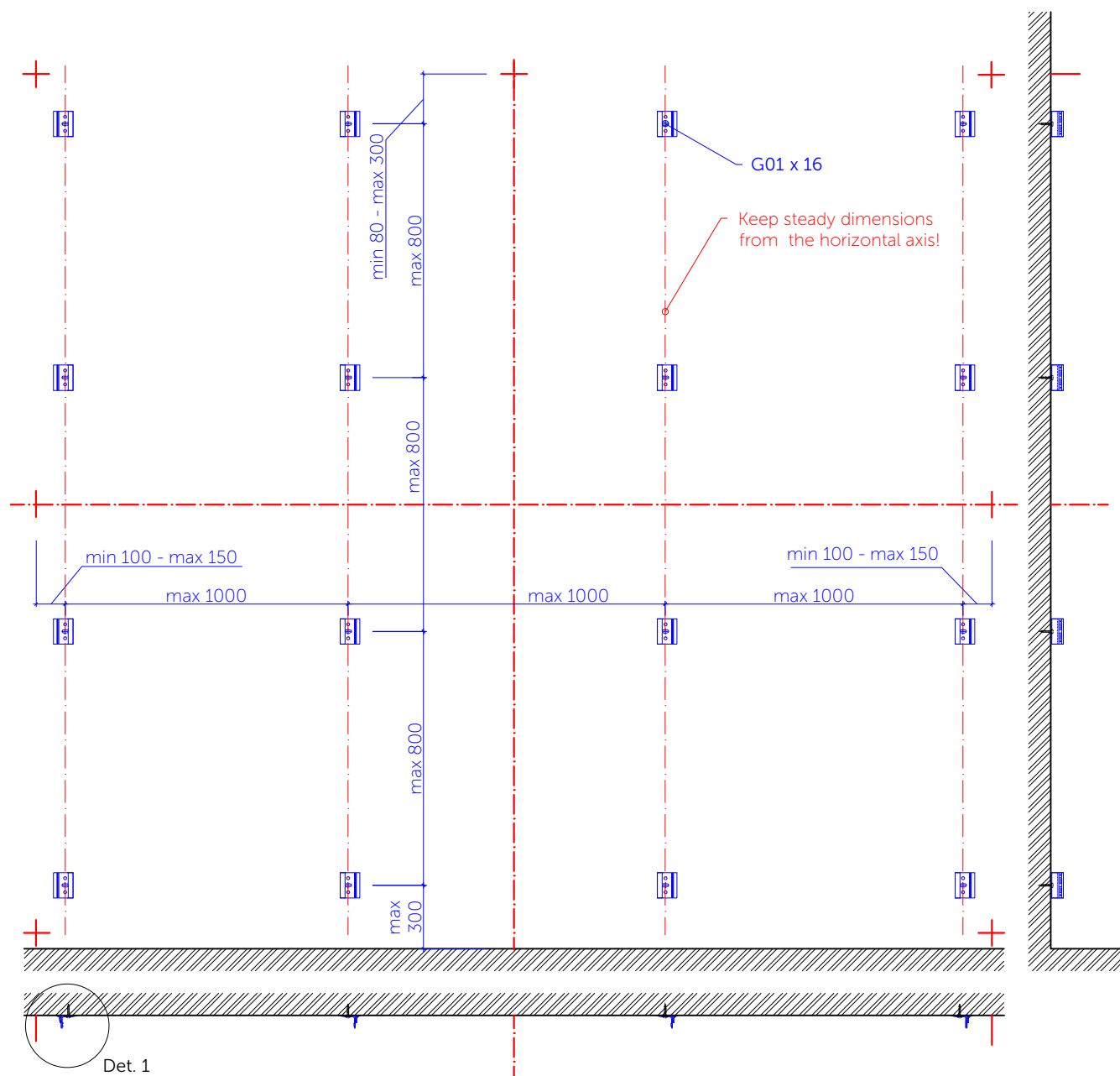
- * formula for even number of panels: $(n \times 1000) + 5$, the main vertical axis runs through the joint, n stands for number of panels
- ** formula for the main horizontal axis depends on the height of the plinth or the required bottom level of cladding, it is recommended that the main horizontal axis runs allways through the joint

Perspective view 1



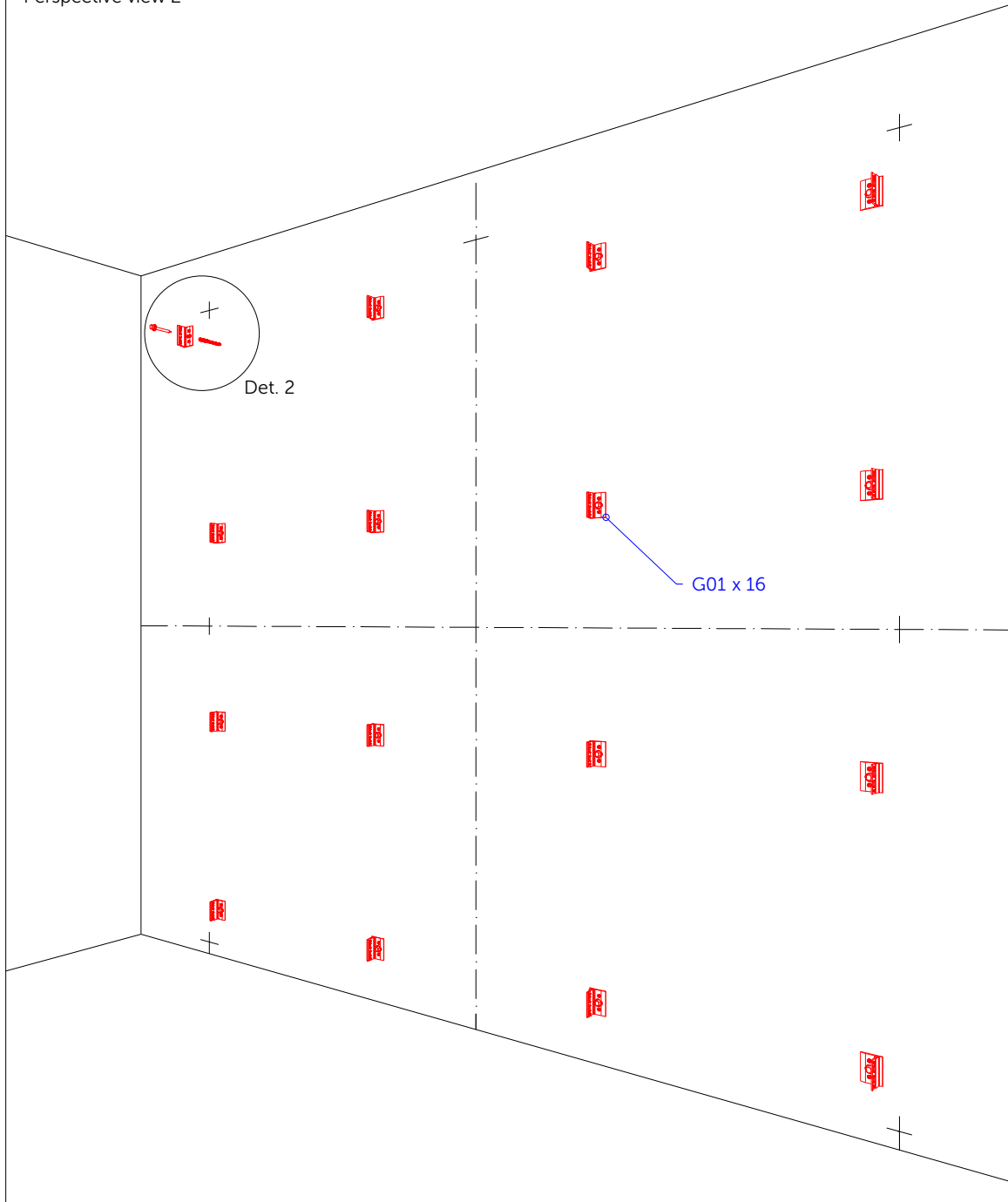
GLASIO 110 - INSTALLATION MANUAL

STEP 2 - wall bracket installation

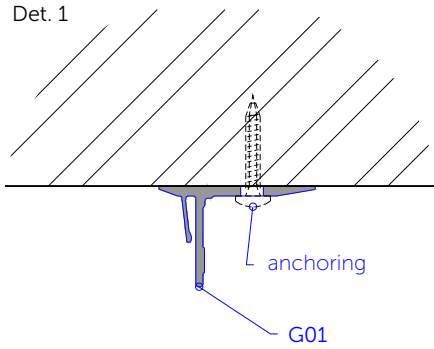


Wall brackets are mounted on a steady and load bearing capable wall. The project designer inspects the construction base and recommends the appropriate anchoring elements.

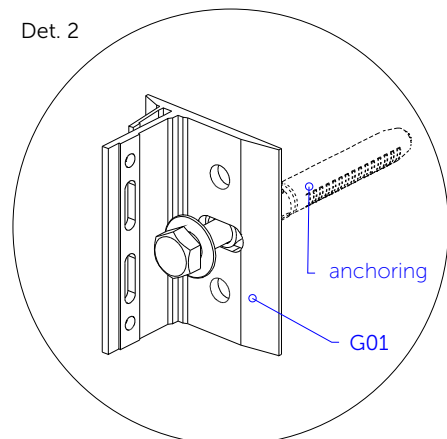
Perspective view 2



Det. 1

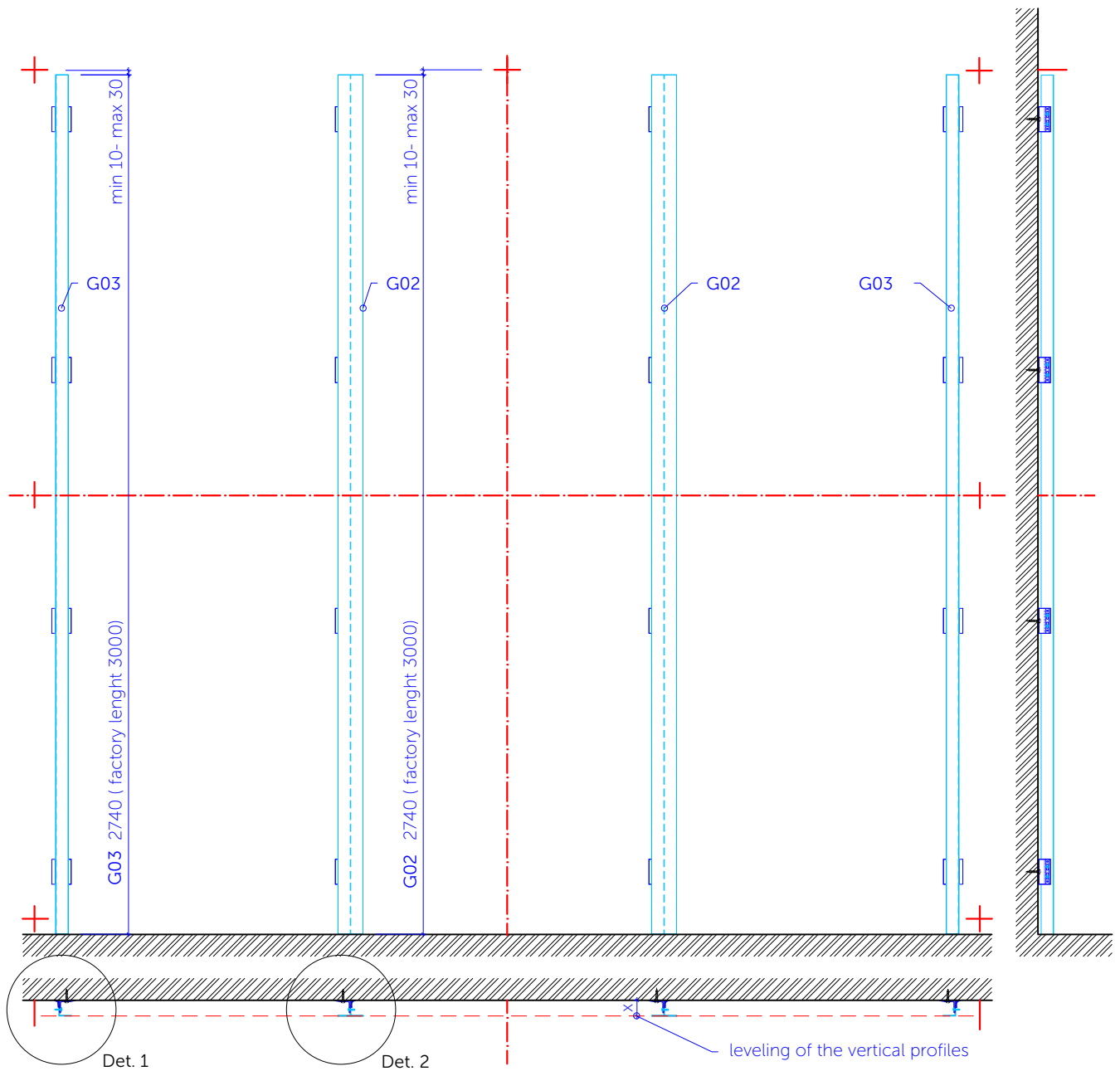


Det. 2



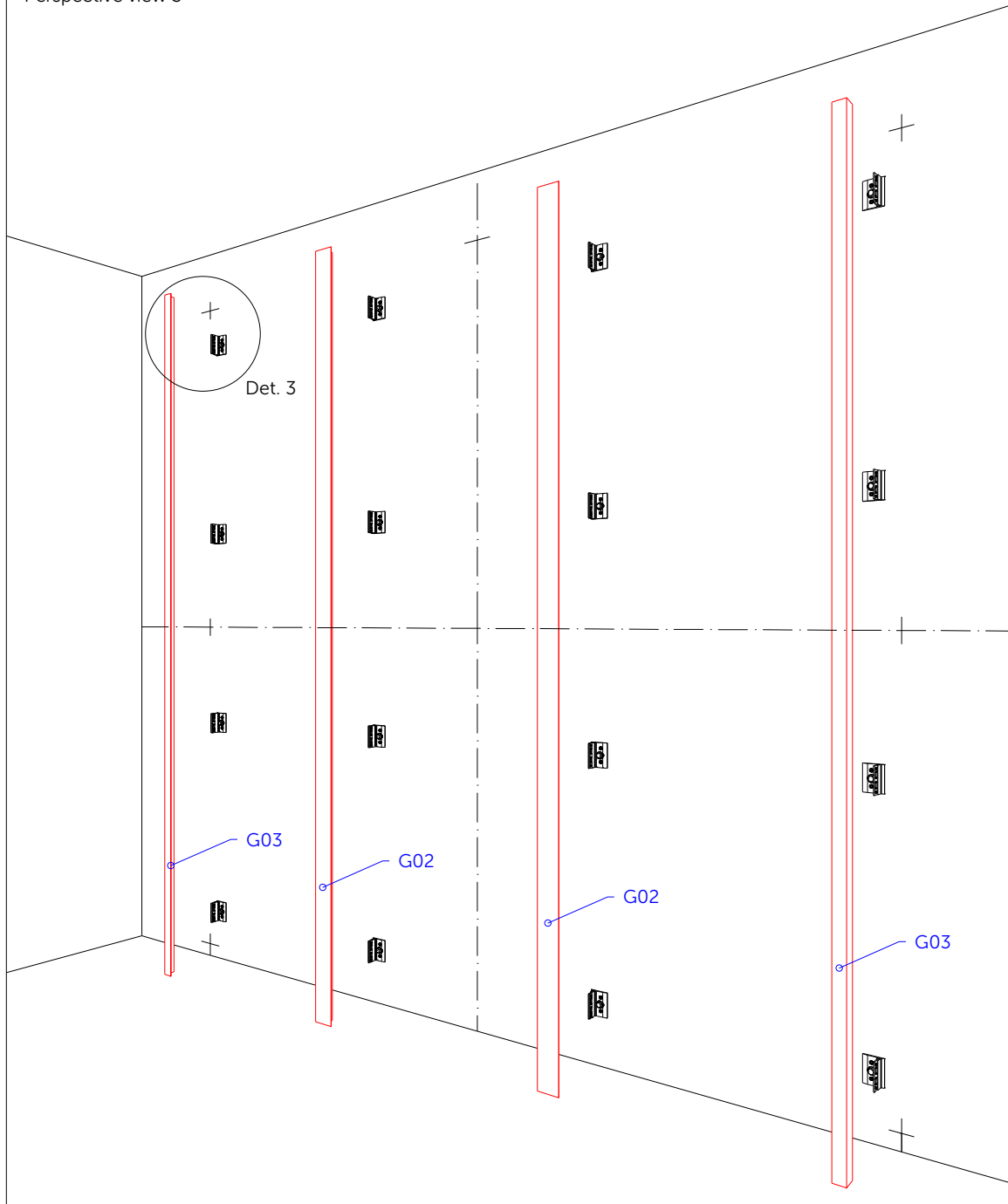
GLASIO 110 - INSTALLATION MANUAL

STEP 3 - mounting of the vertical T/L profiles

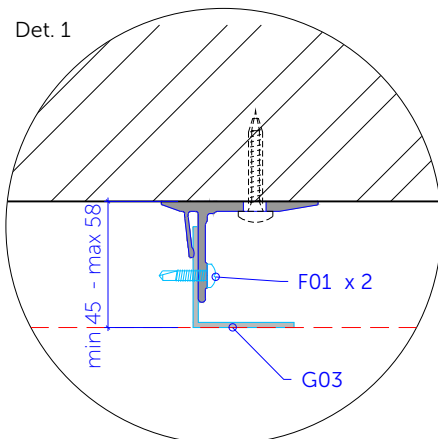


- 2.1 -The vertical supporting profiles G03 are mounted in both ends of the cladding and are leveled using the horizontal axis of the frame as reference. They are aligned in vertical direction and bracketed by means of vertical level or laser plumb.
- 2.2 -The F01 screws are tightened in the already leveled end verticals profiles G03 and a cord is tied. The inner supporting profiles G02 are mounted and leveled against the cord

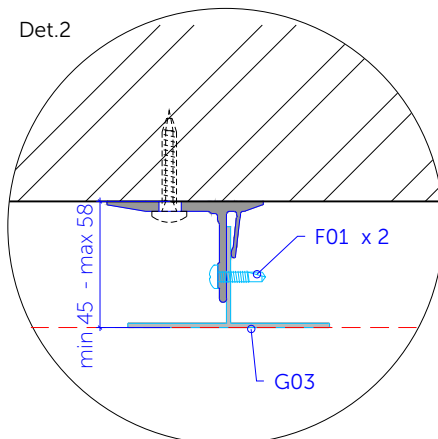
Perspective view 3



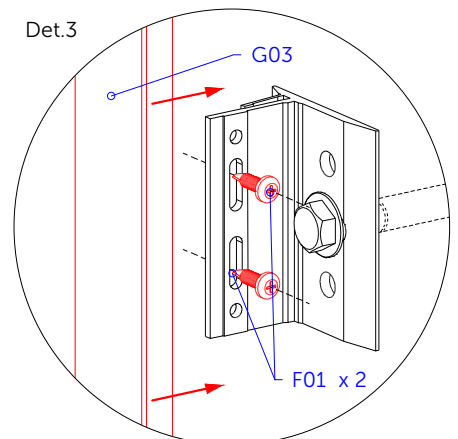
Det. 1



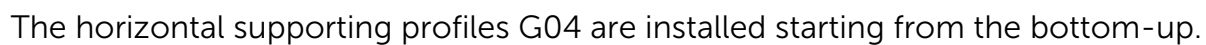
Det.2



Det.3

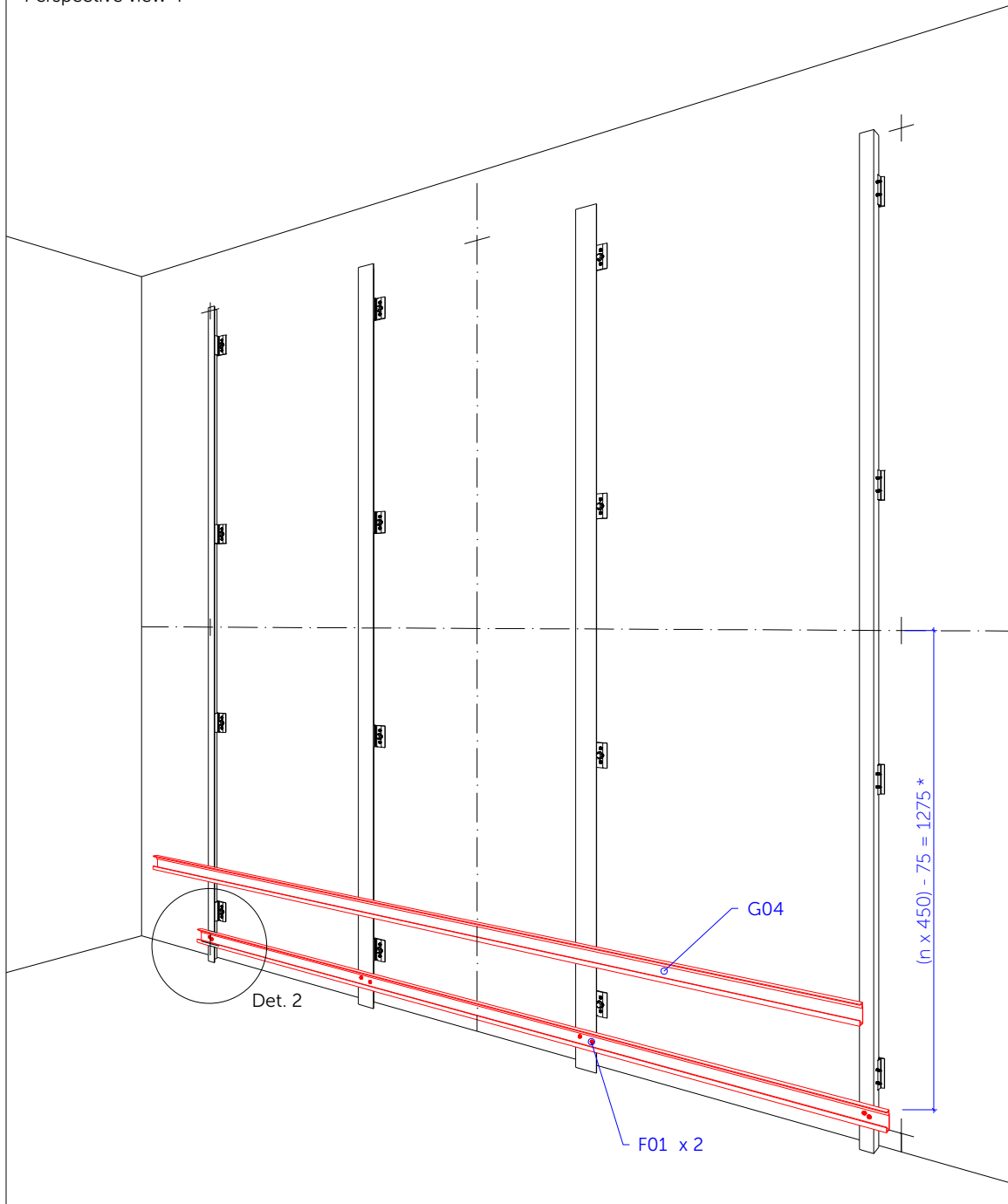


STEP 4 - mounting of the horizontal C profiles

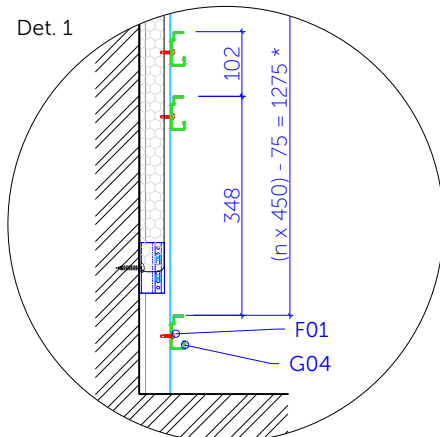


12

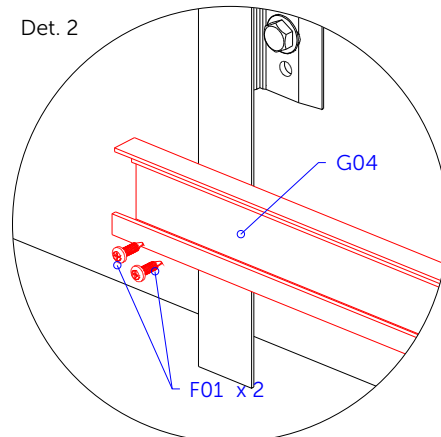
Perspective view 4



Det. 1

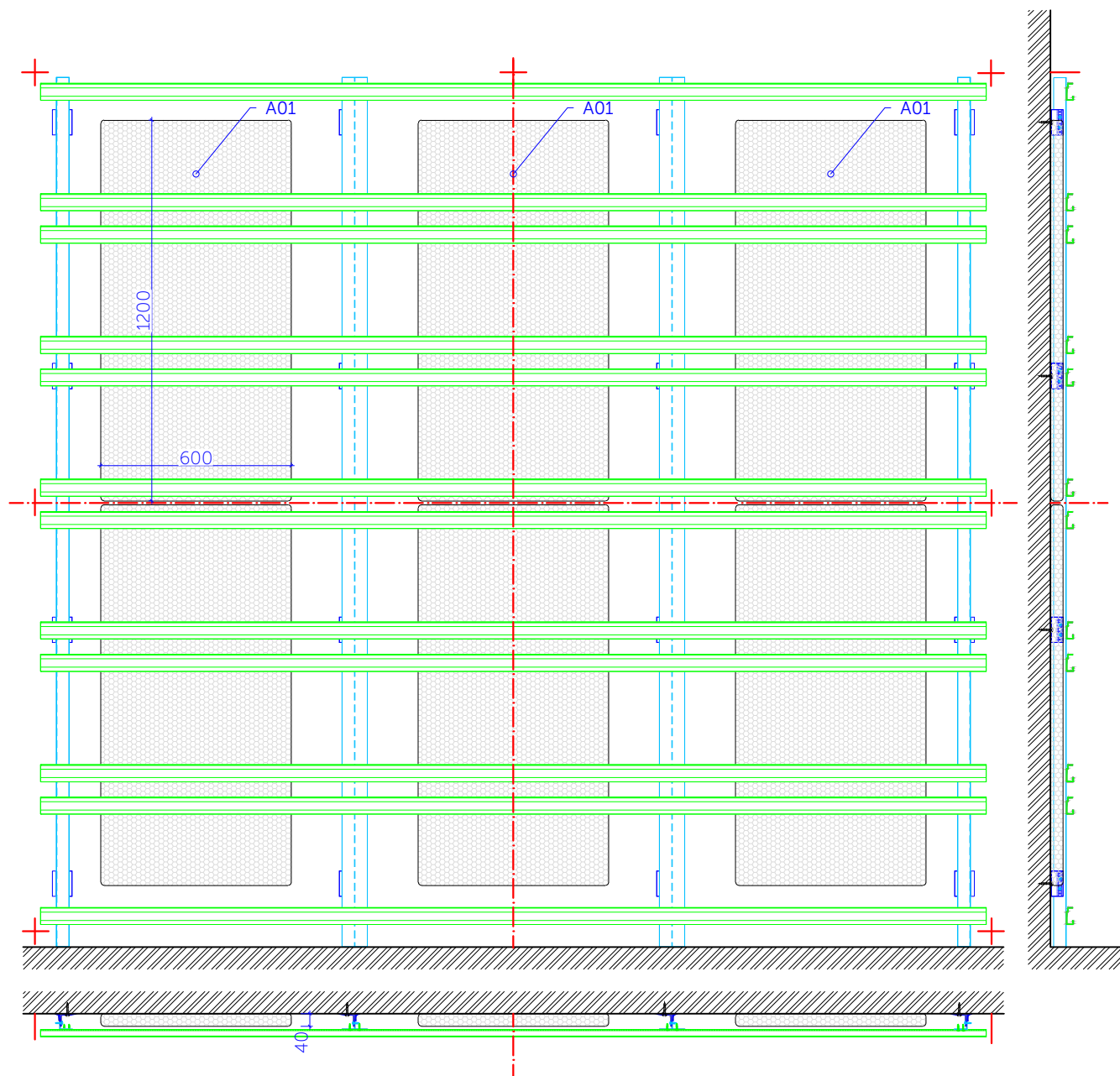


Det. 2



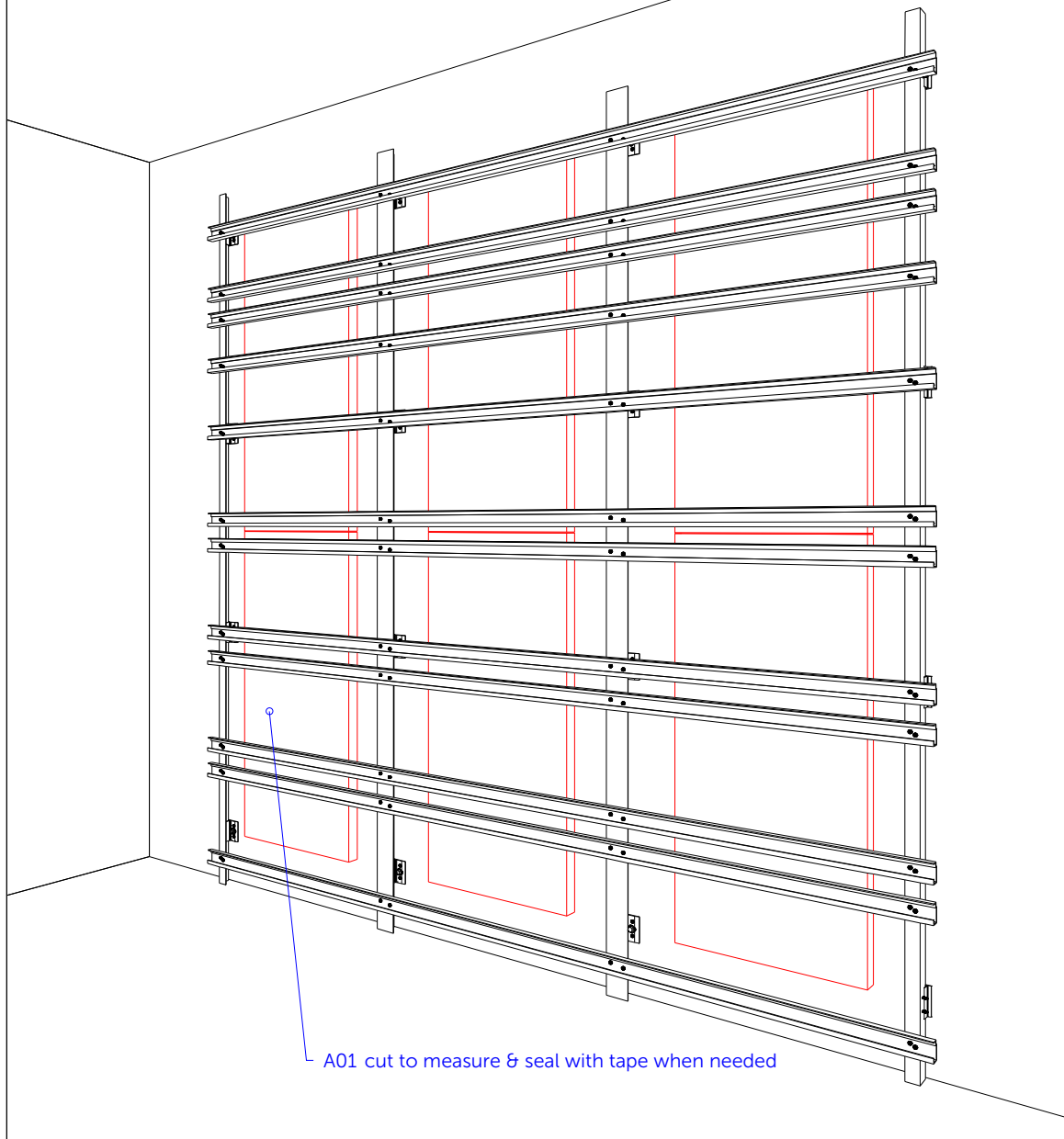
GLASIO 110 - INSTALLATION MANUAL

STEP 5 - mounting of the absorbent pad



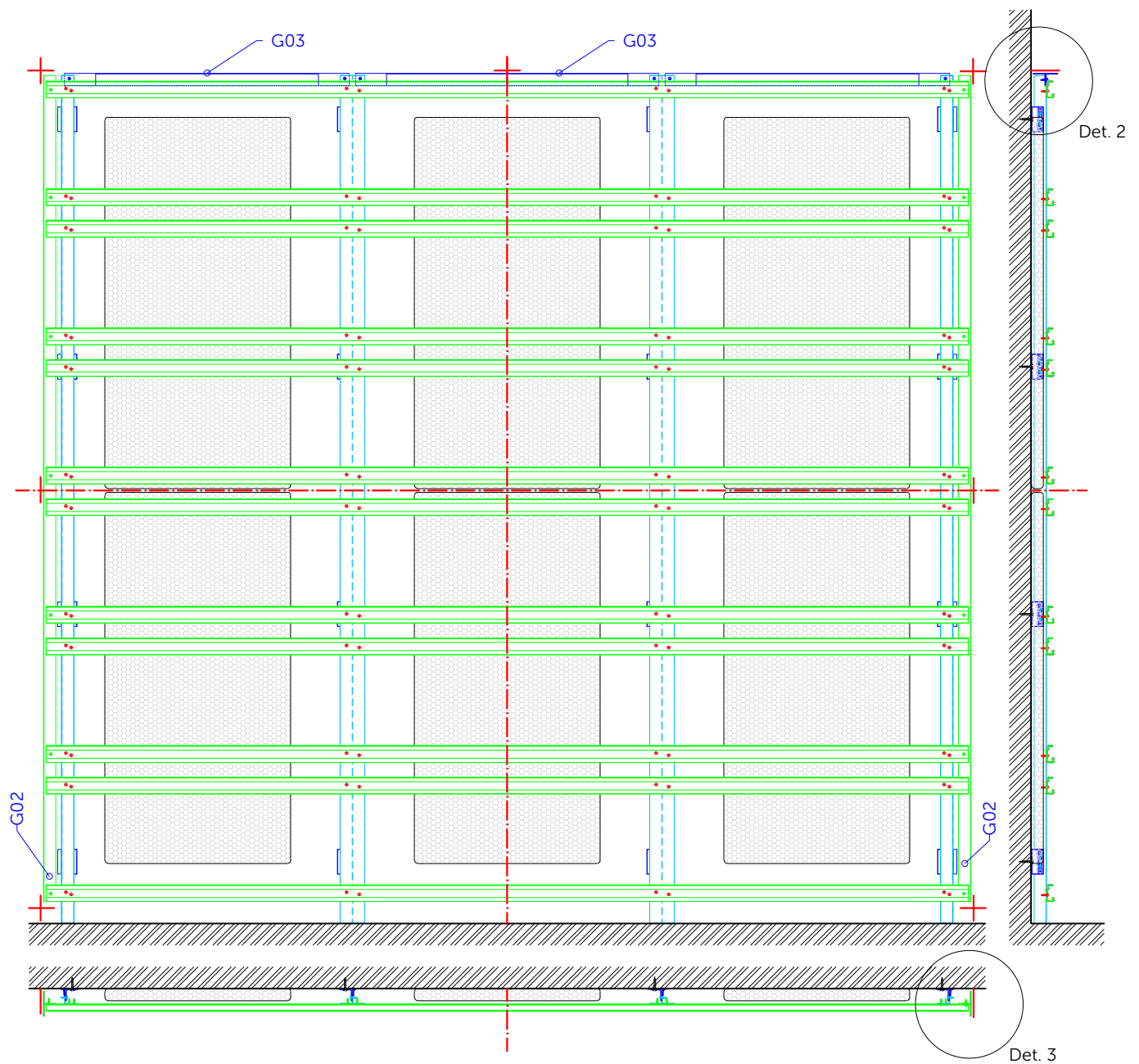
A01 - Acoustic absorbent pad thickness 50 mm based on mineral wool packed in thin polyethylene foil inserting into the air gap increases the efficiency of sound absorption of system.

Perspective view 5

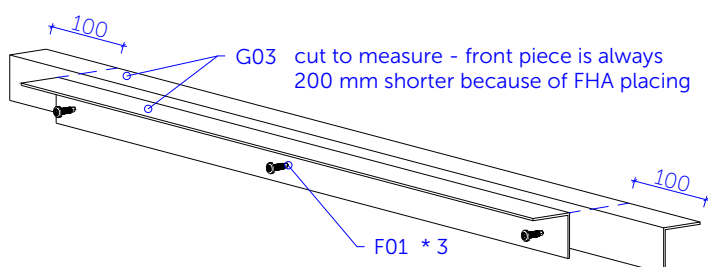


GLASIO 110 - INSTALLATION MANUAL

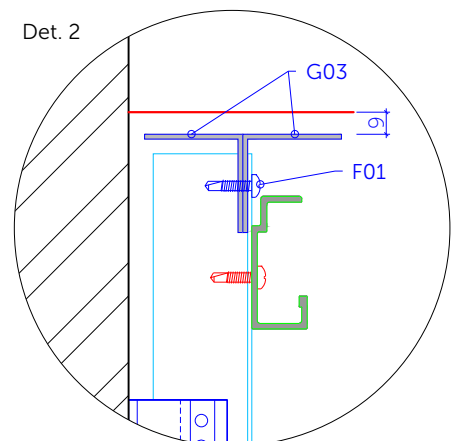
STEP 6 - profiles for top/side panels



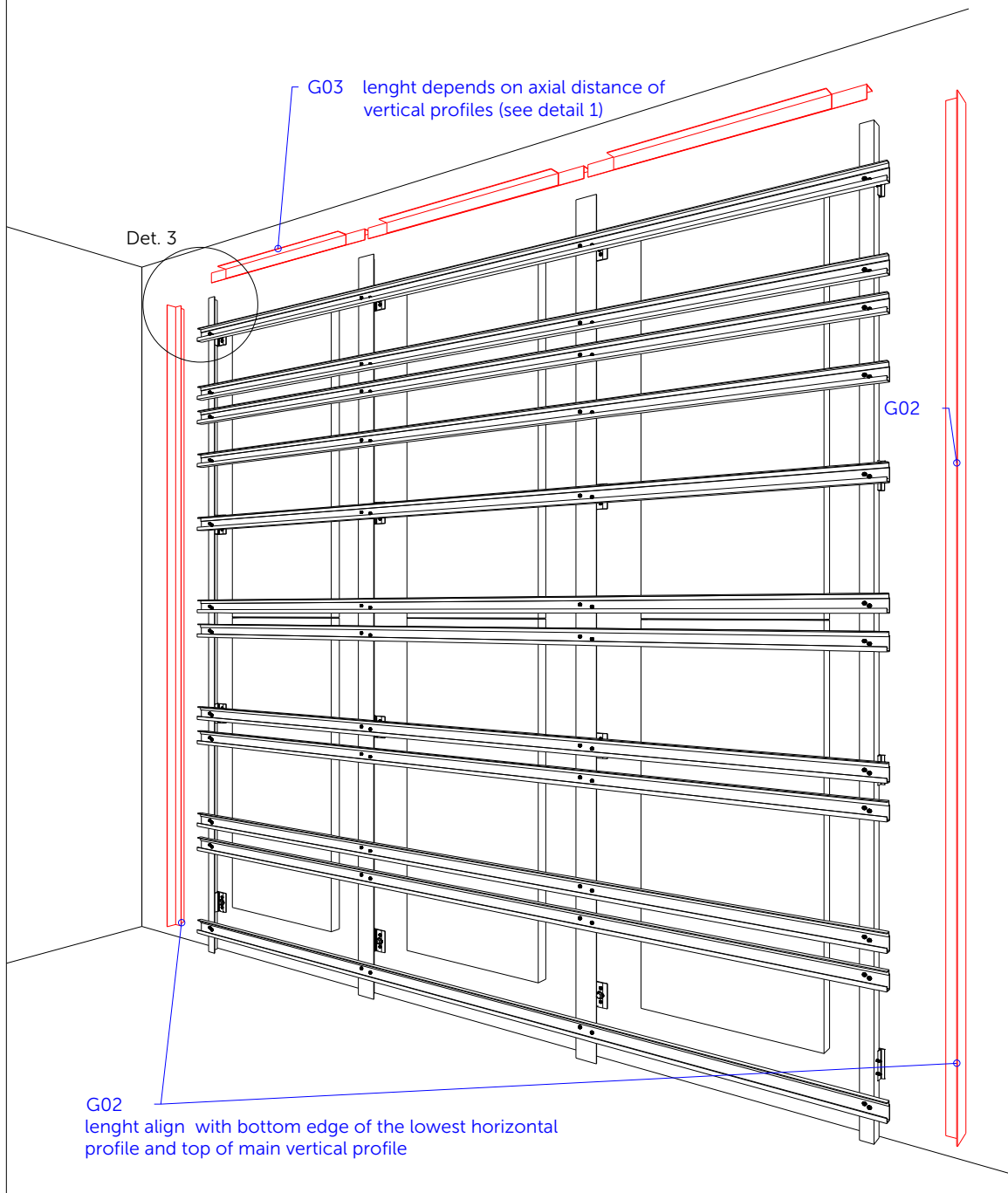
Det. 1



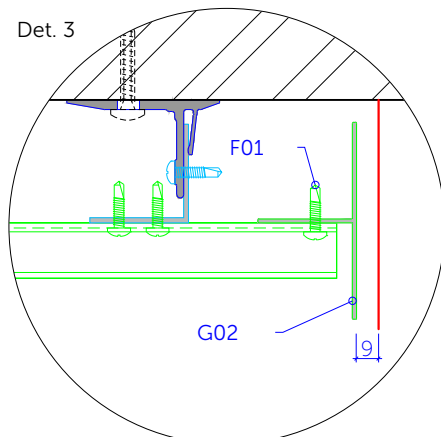
Det. 2



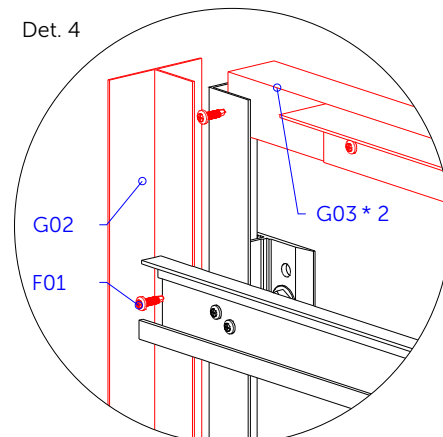
Perspective view 6



Det. 3

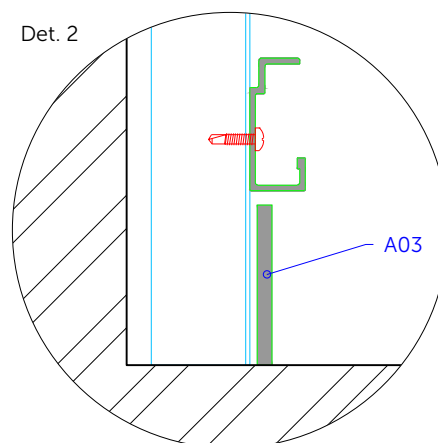
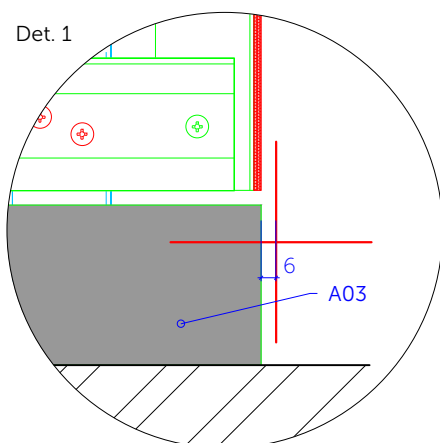
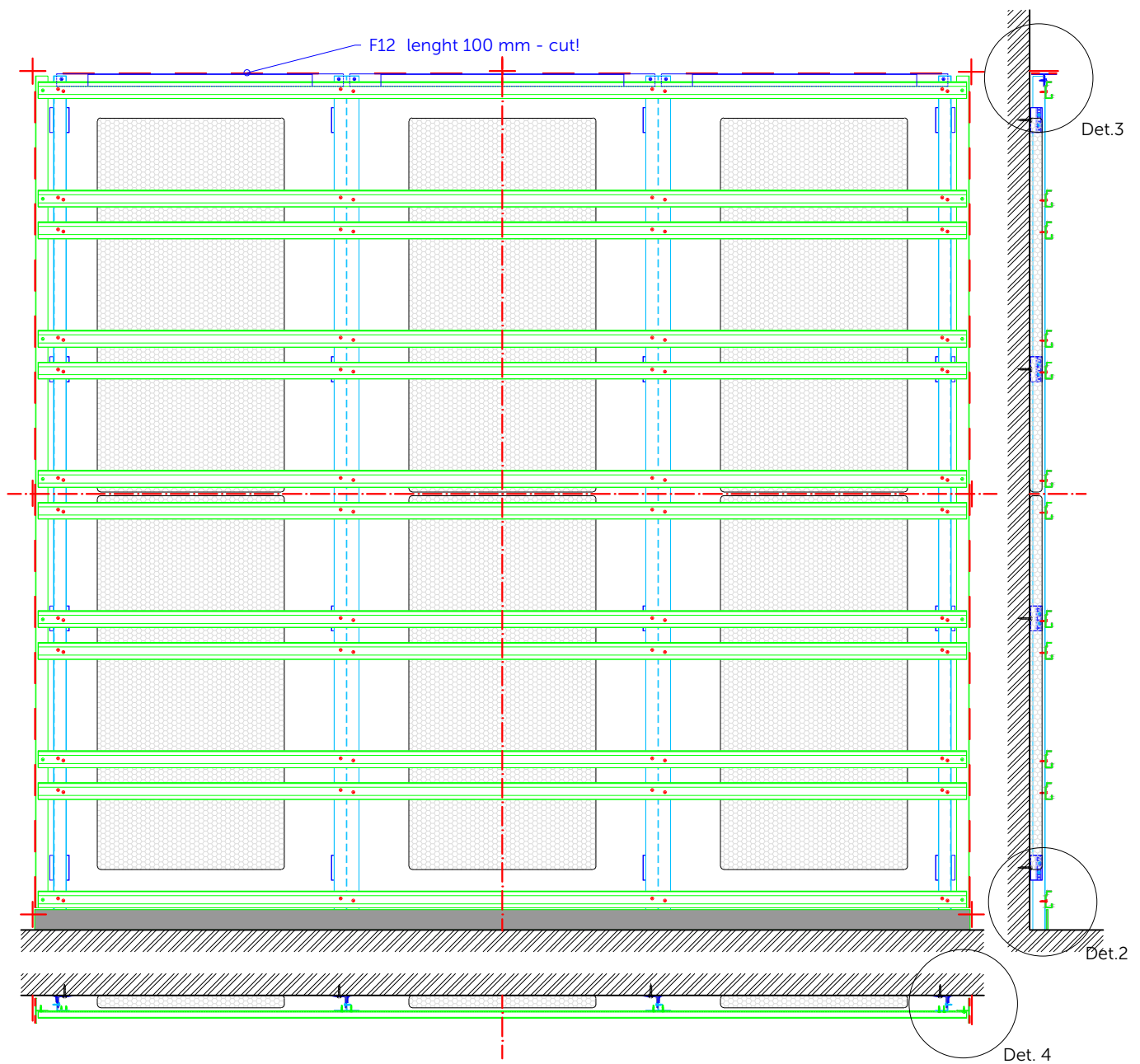


Det. 4

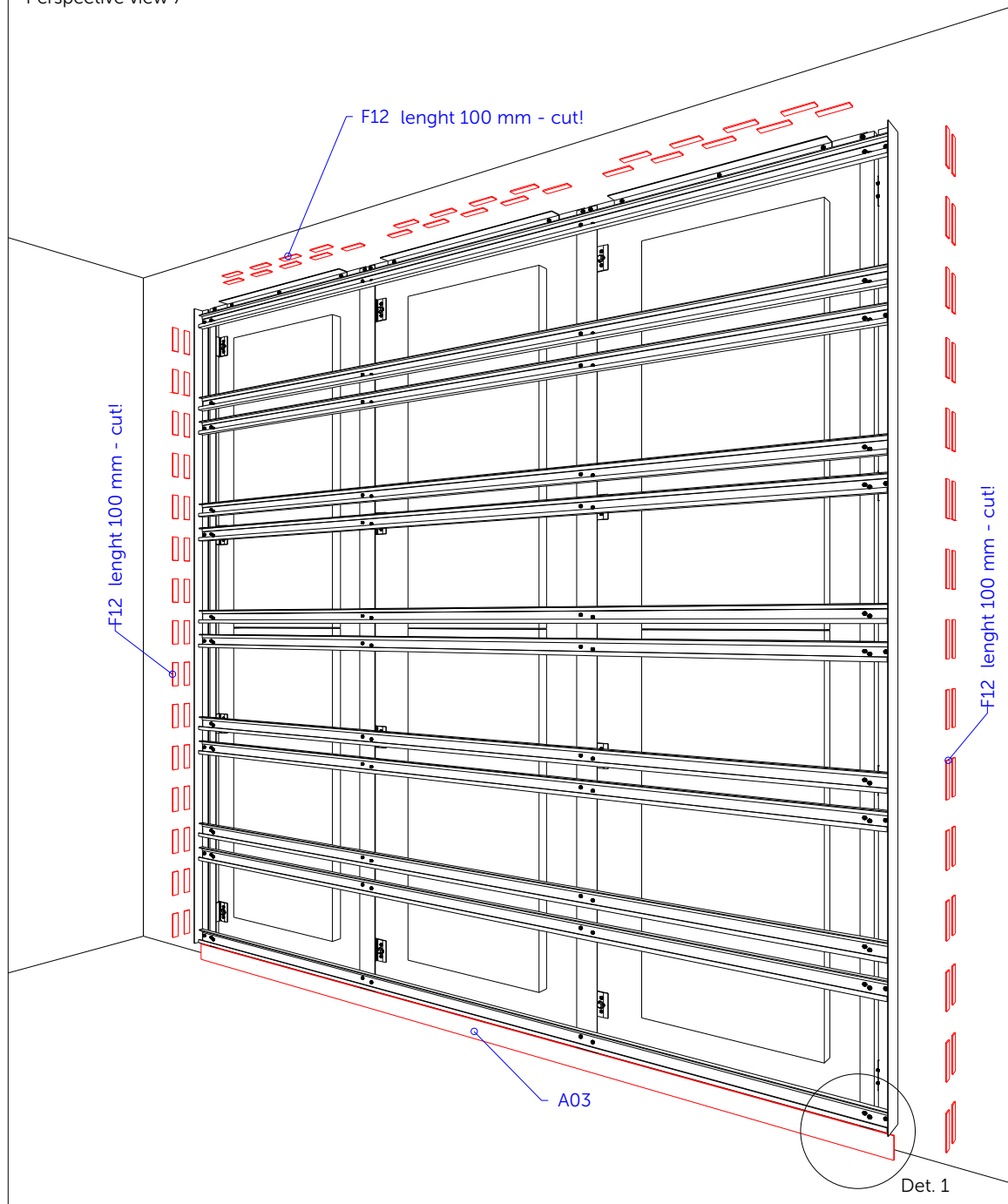


GLASIO 110 - INSTALLATION MANUAL

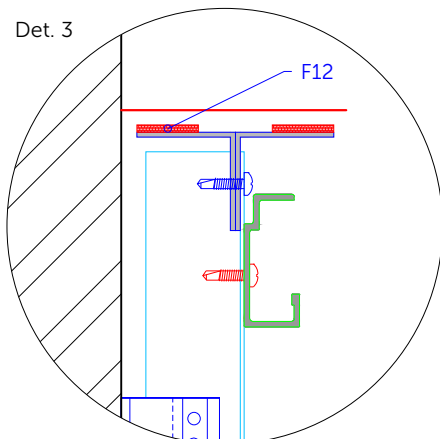
STEP 7 - plinth and velcro for top/side panel



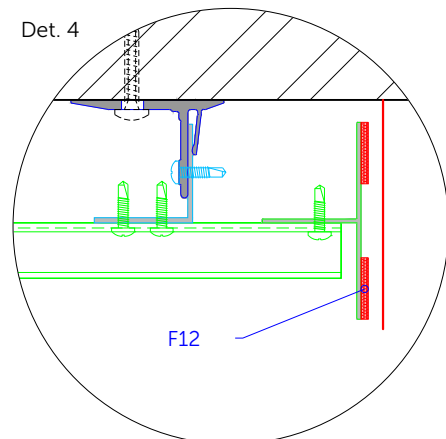
Perspective view 7



Det. 3

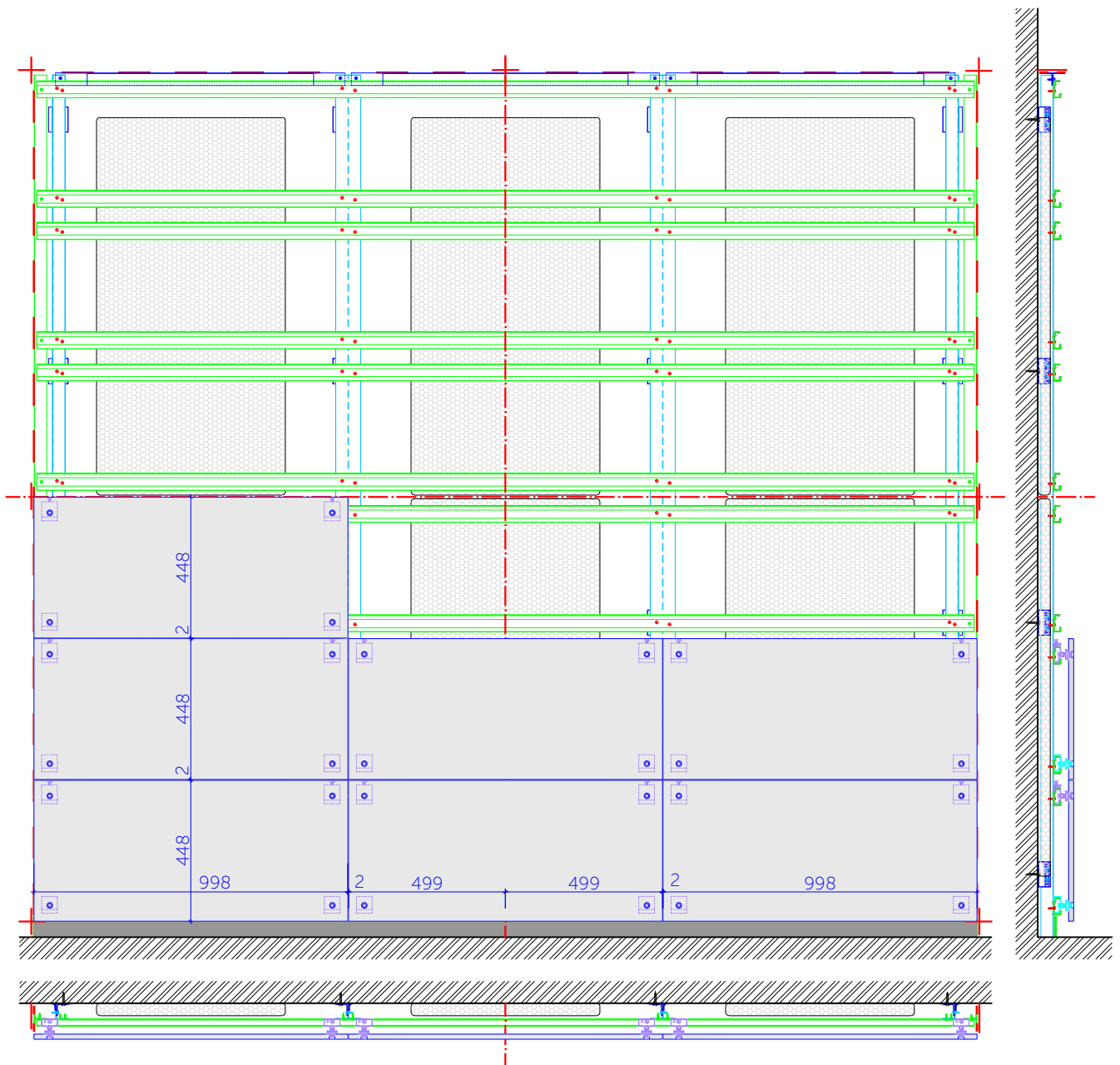


Det. 4



GLASIO 110 - INSTALLATION MANUAL

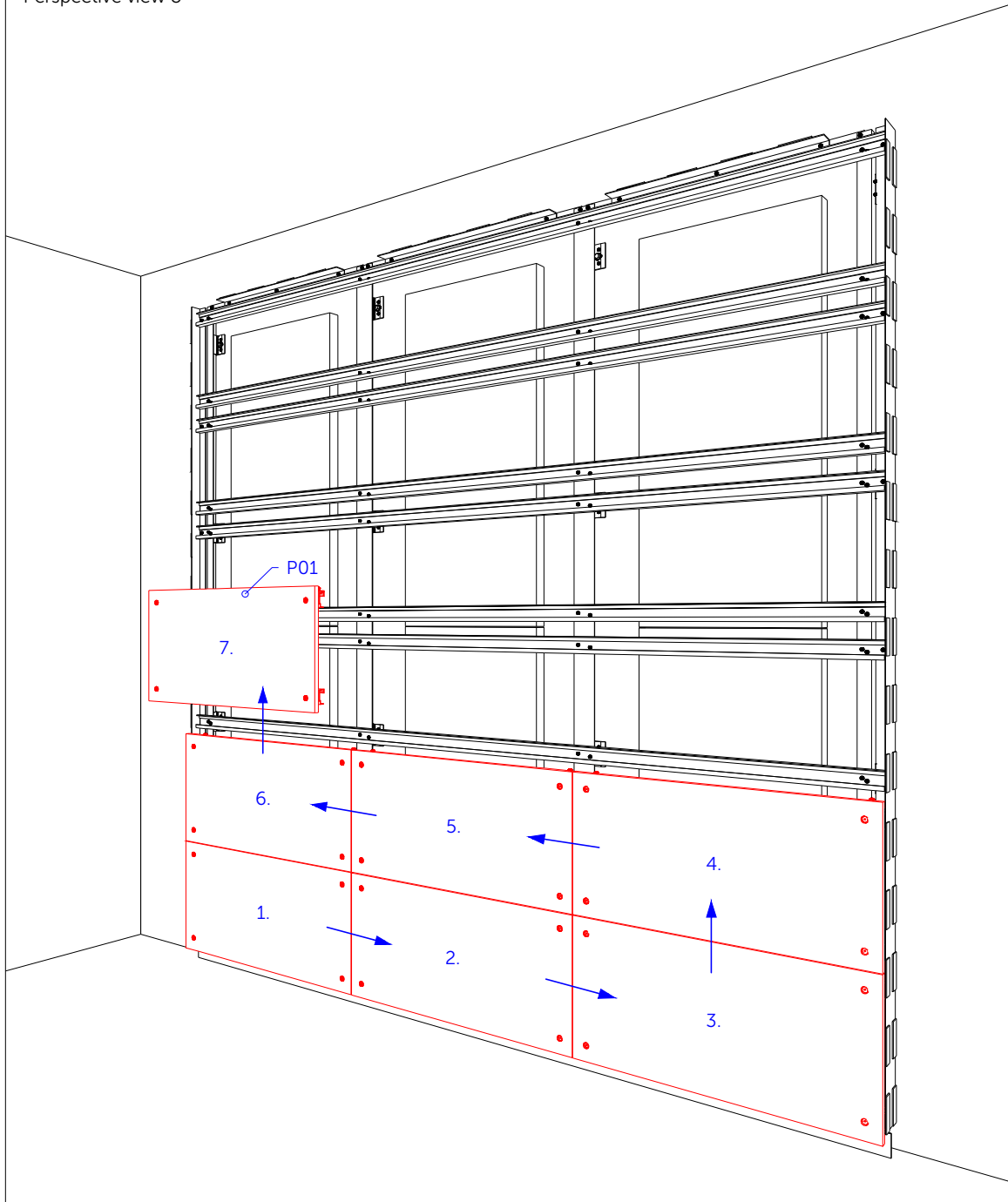
STEP 8 - hanging of the Glasio panel



The panels are installed starting from the bottom-up. The lowest row is first laid, followed by the leftmost (or rightmost) panel for starting next row.

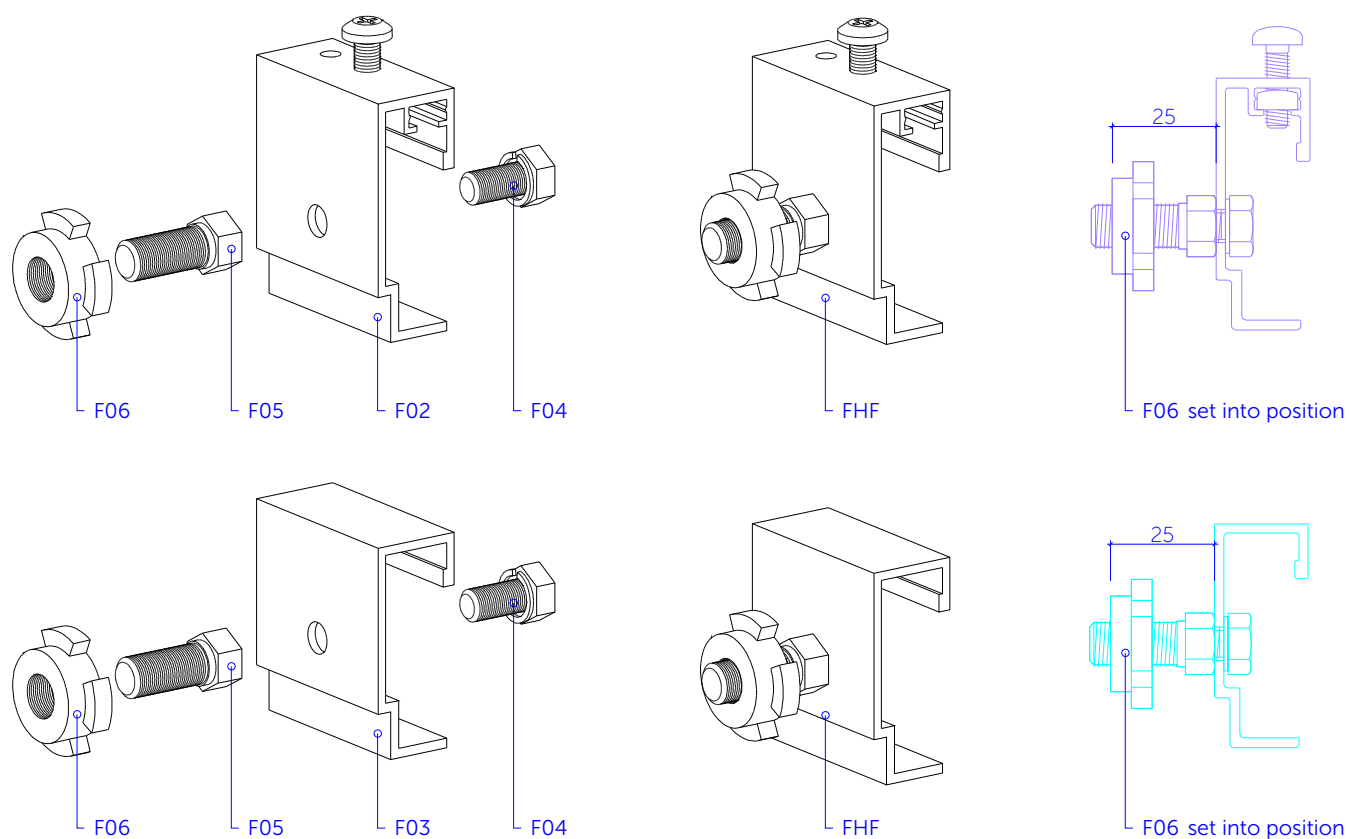
See detailed information on the next page!

Perspective view 8

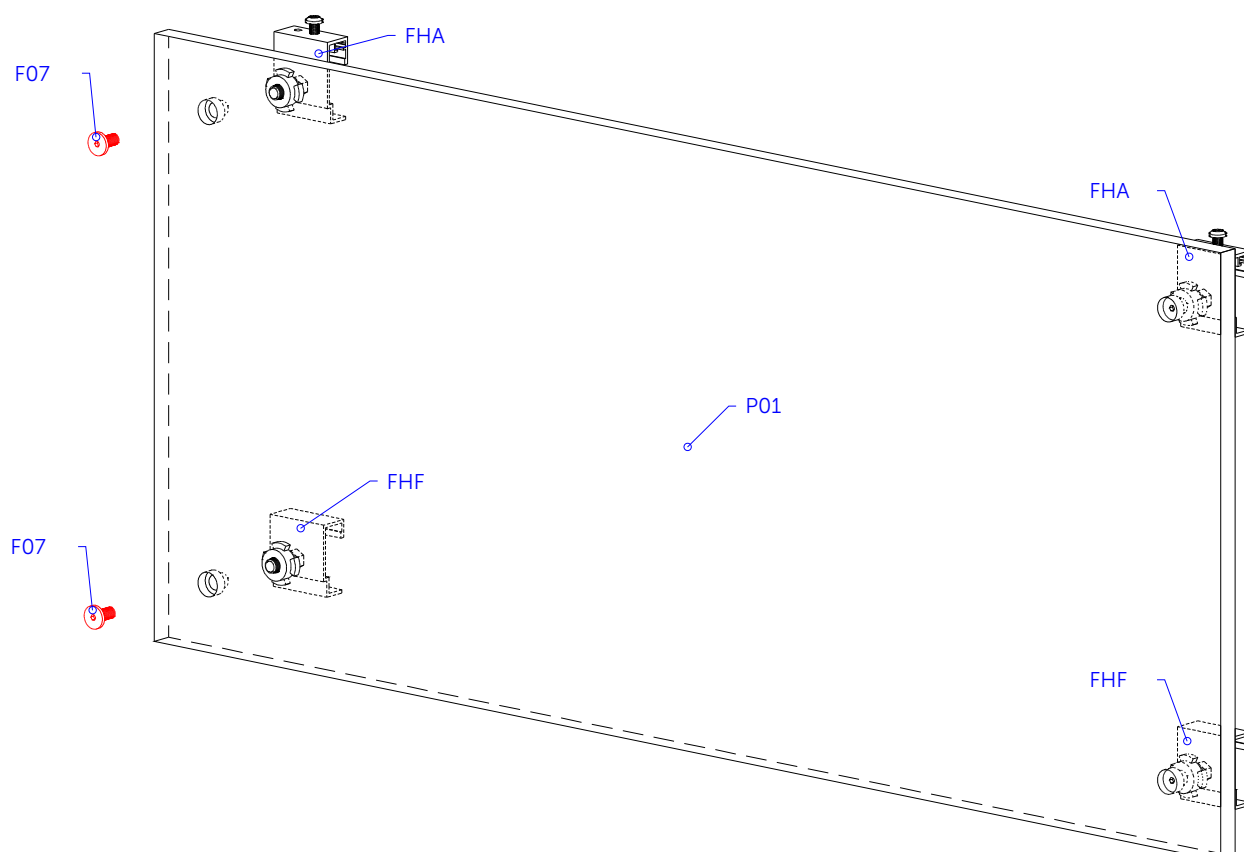


GLASIO 110 - INSTALLATION MANUAL

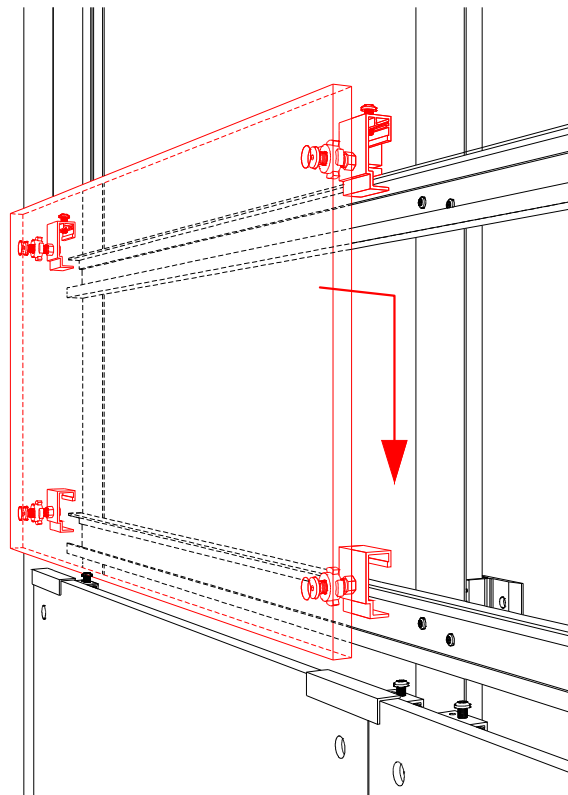
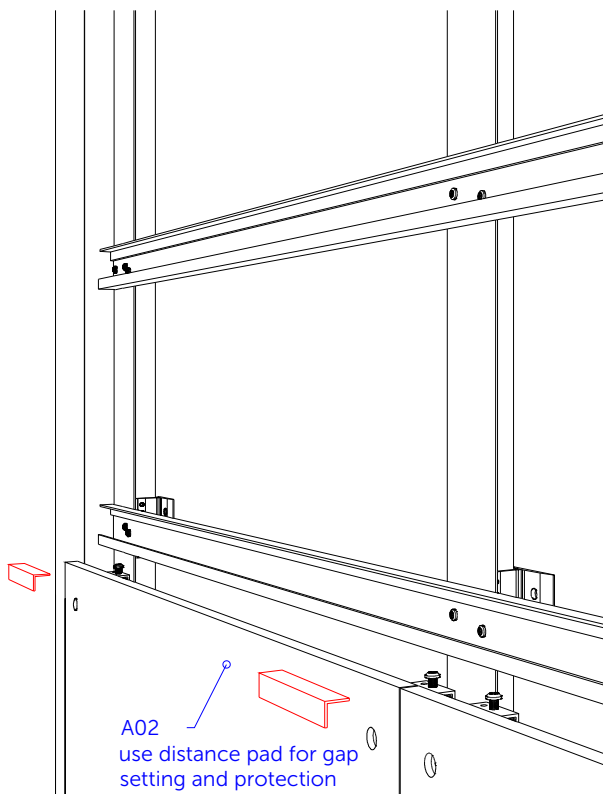
8.1 ASSEMBLING FHA & FHF HANGERS



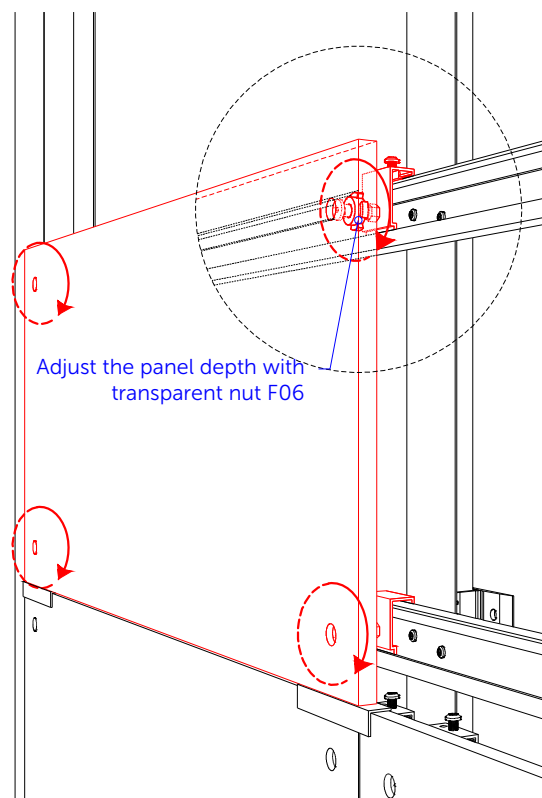
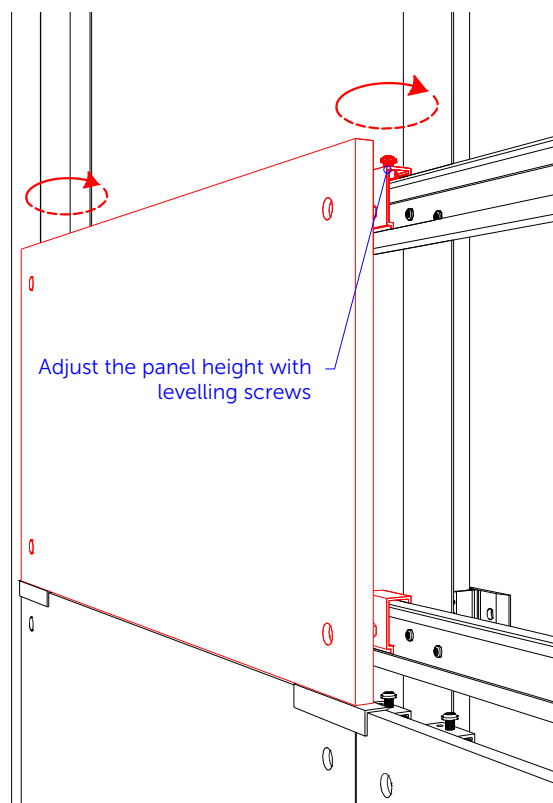
8.2 INSTALLING HANGERS



8.3 HANGING OF THE GLASIO PANEL

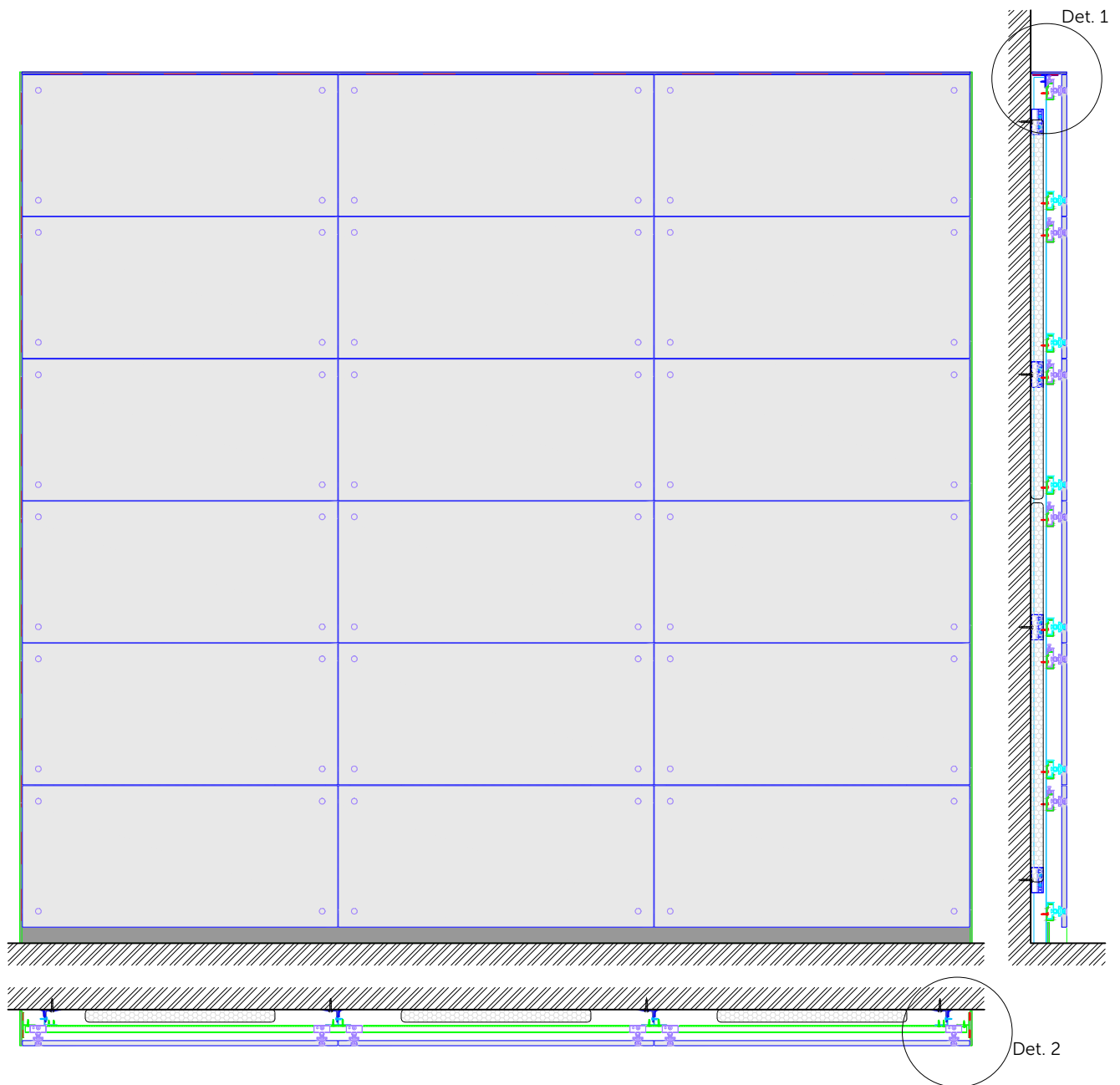


8.4 HEIGHT/DEPTH RECTIFICATION

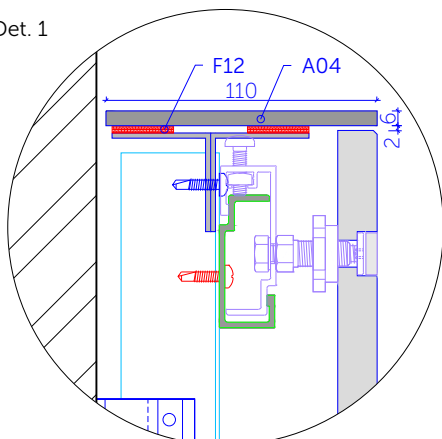


GLASIO 110 - INSTALLATION MANUAL

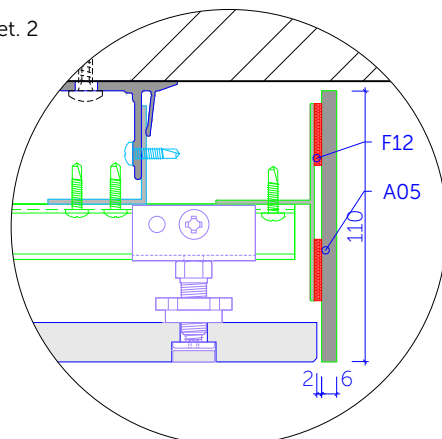
STEP 9 - installation of the top/side panel & the glass plugs



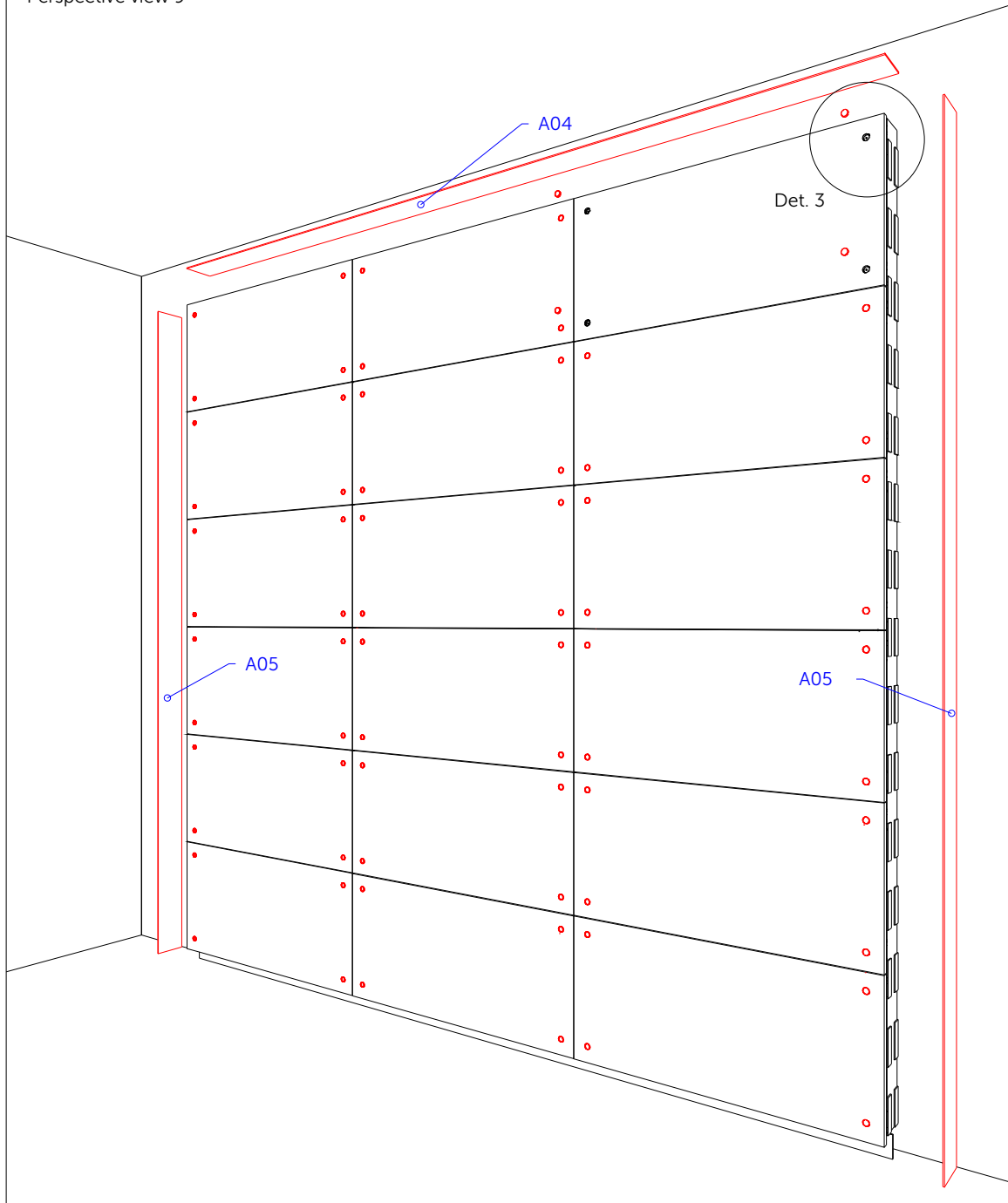
Det. 1



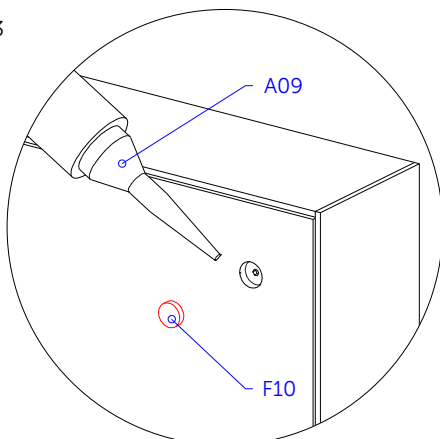
Det. 2



Perspective view 9



Det. 3



GLASIO 65 SYSTEM

MAIN COMPONENTS OF THE GLASIO 65 SYSTEM

P01 - panel for Glasio 110

G04 - C profile horizontal

F01 - self drilling screw (TEX 4,8 x 19)

F07 - bolt M8 stainless, button socket head

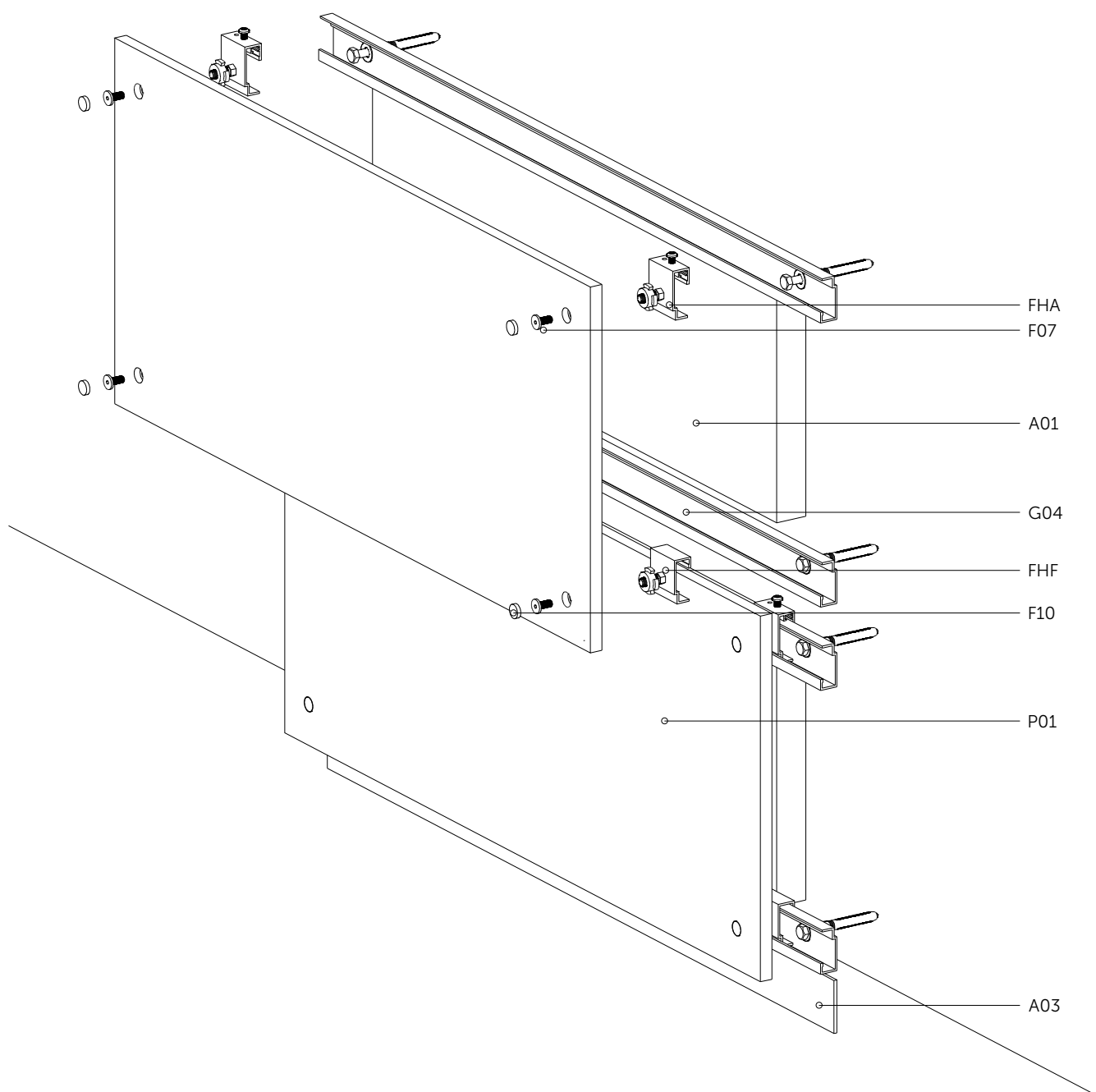
F10 - glass plug

FHA - adjustable hanger - assembled

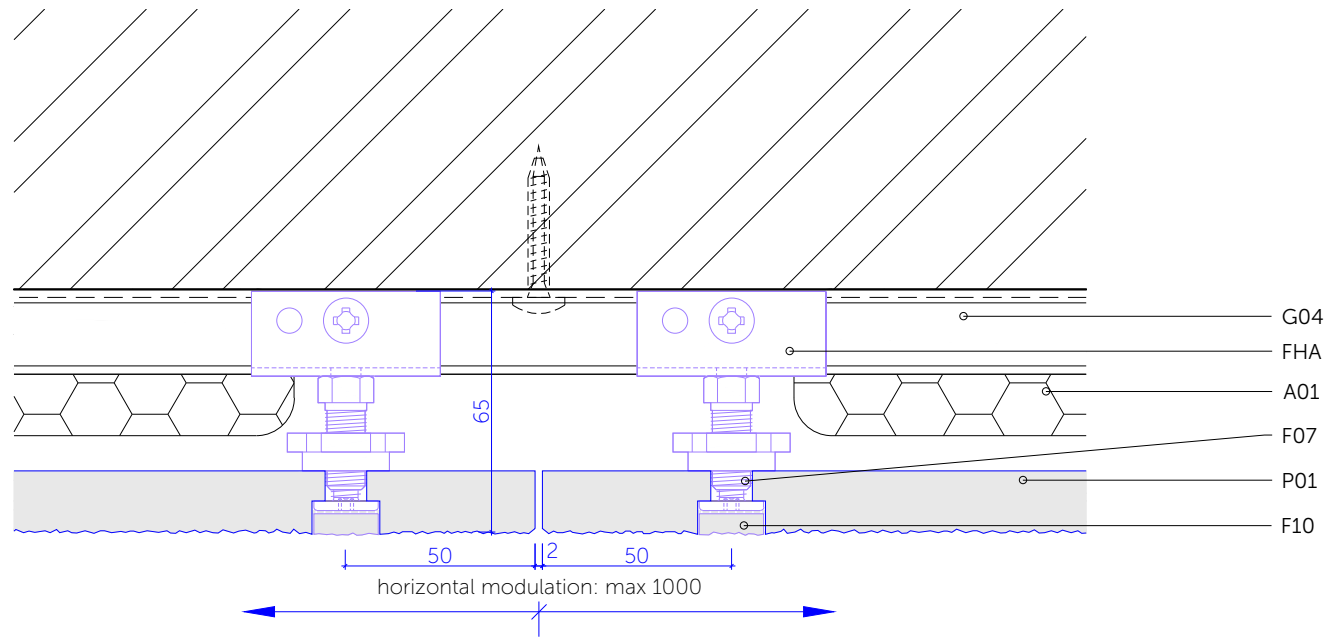
FHF - flexible hanger - assembled

A01 - absorbent pad (1,2 x 0,6 x 0,05 m)

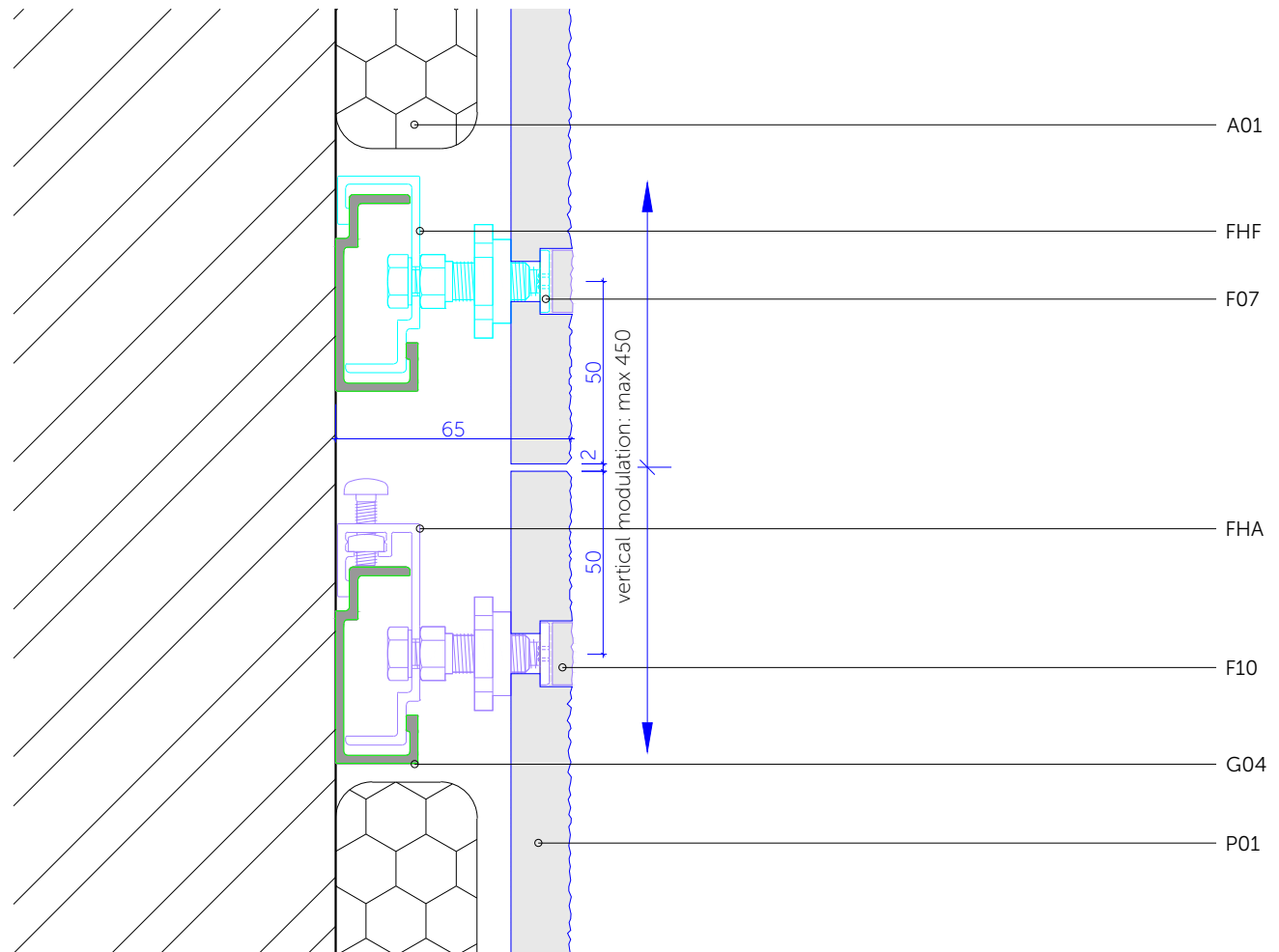
A03 - plinth (3000 x 65 x 6 mm)



HORIZONTAL SECTION



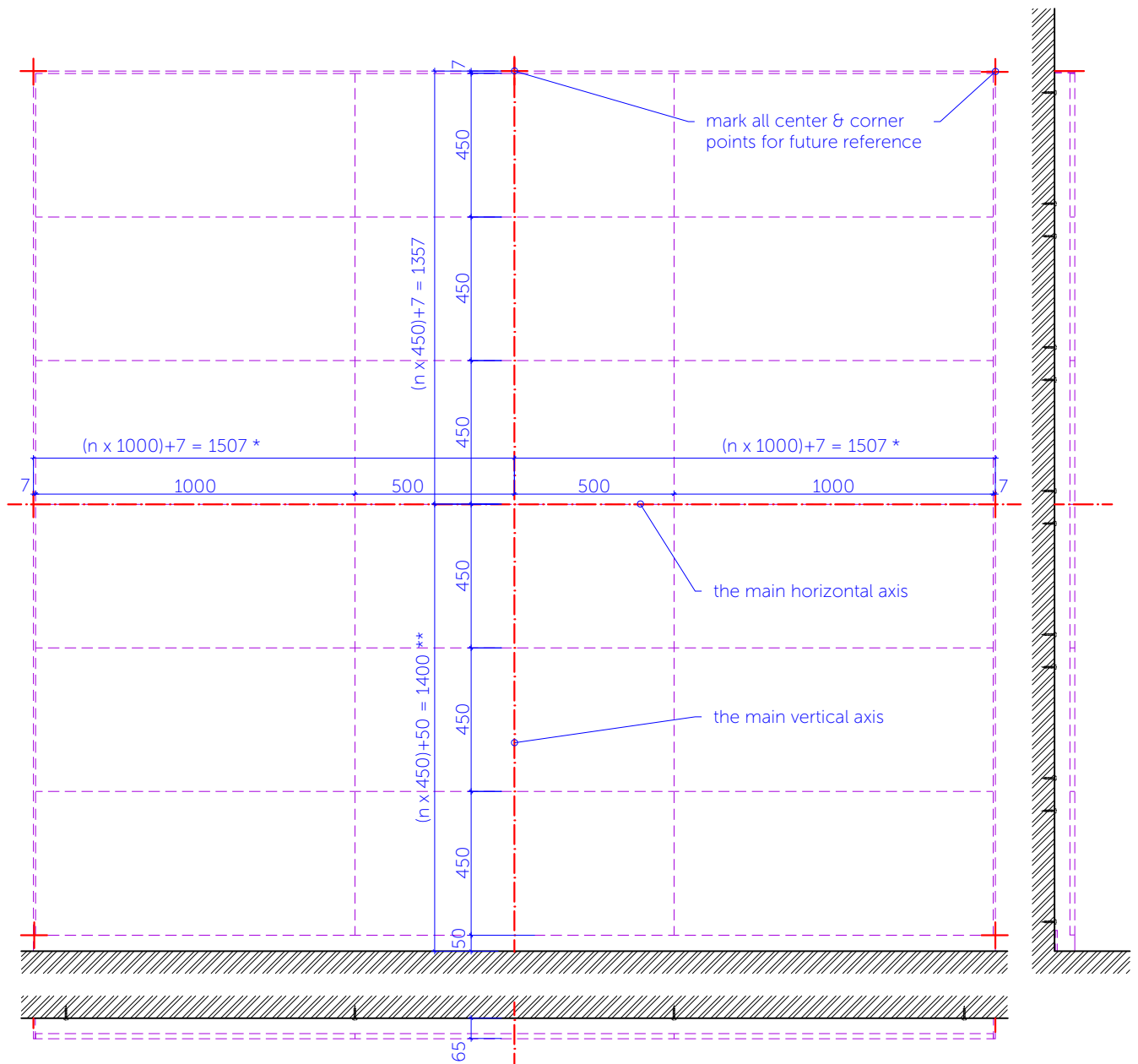
VERTICAL SECTION



GLASIO 65 - INSTALLATION MANUAL

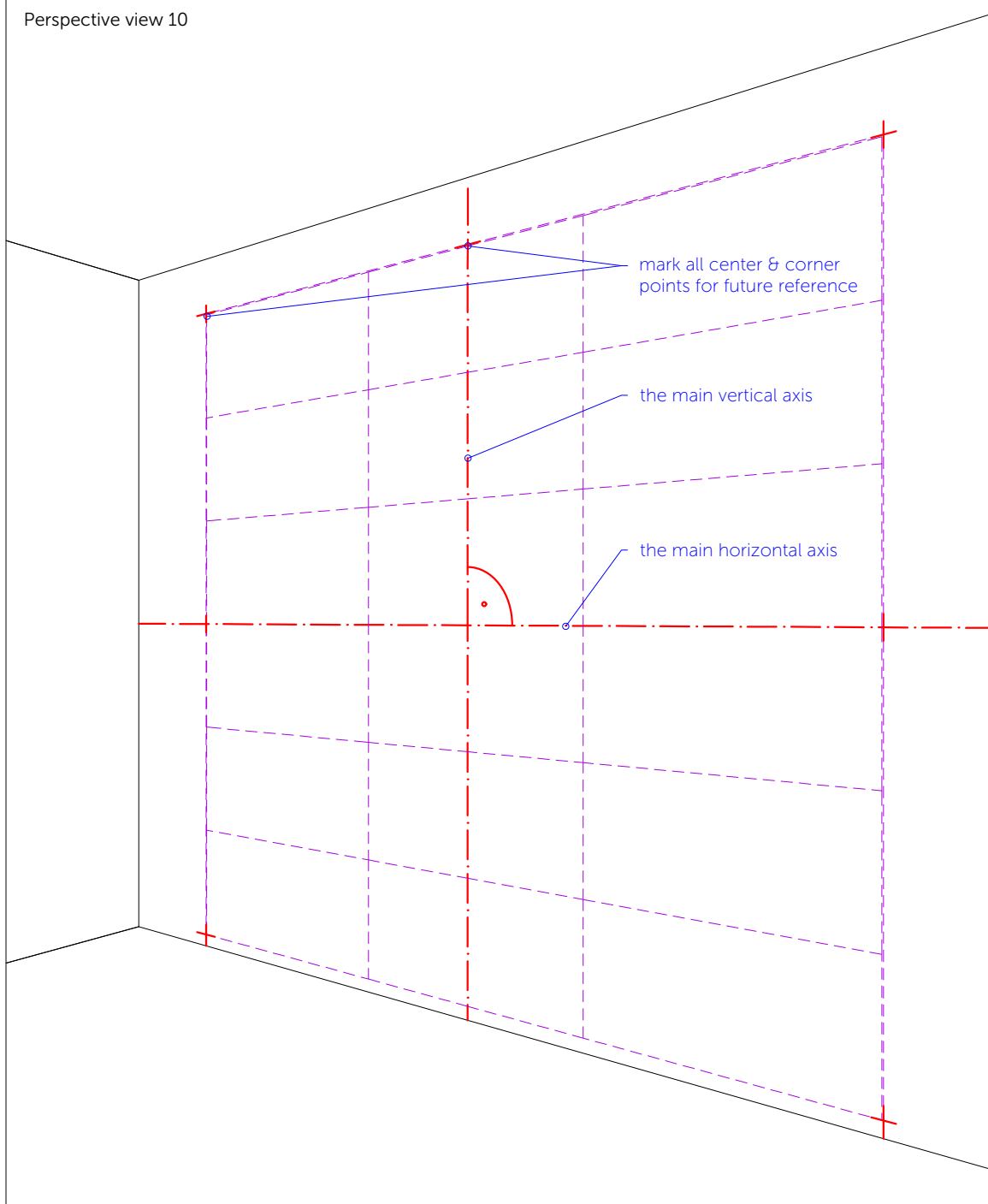
The system is provided with a full set of load bearing profiles, fixings & fasteners and accessories for fast installation

STEP 1 - initial measurements



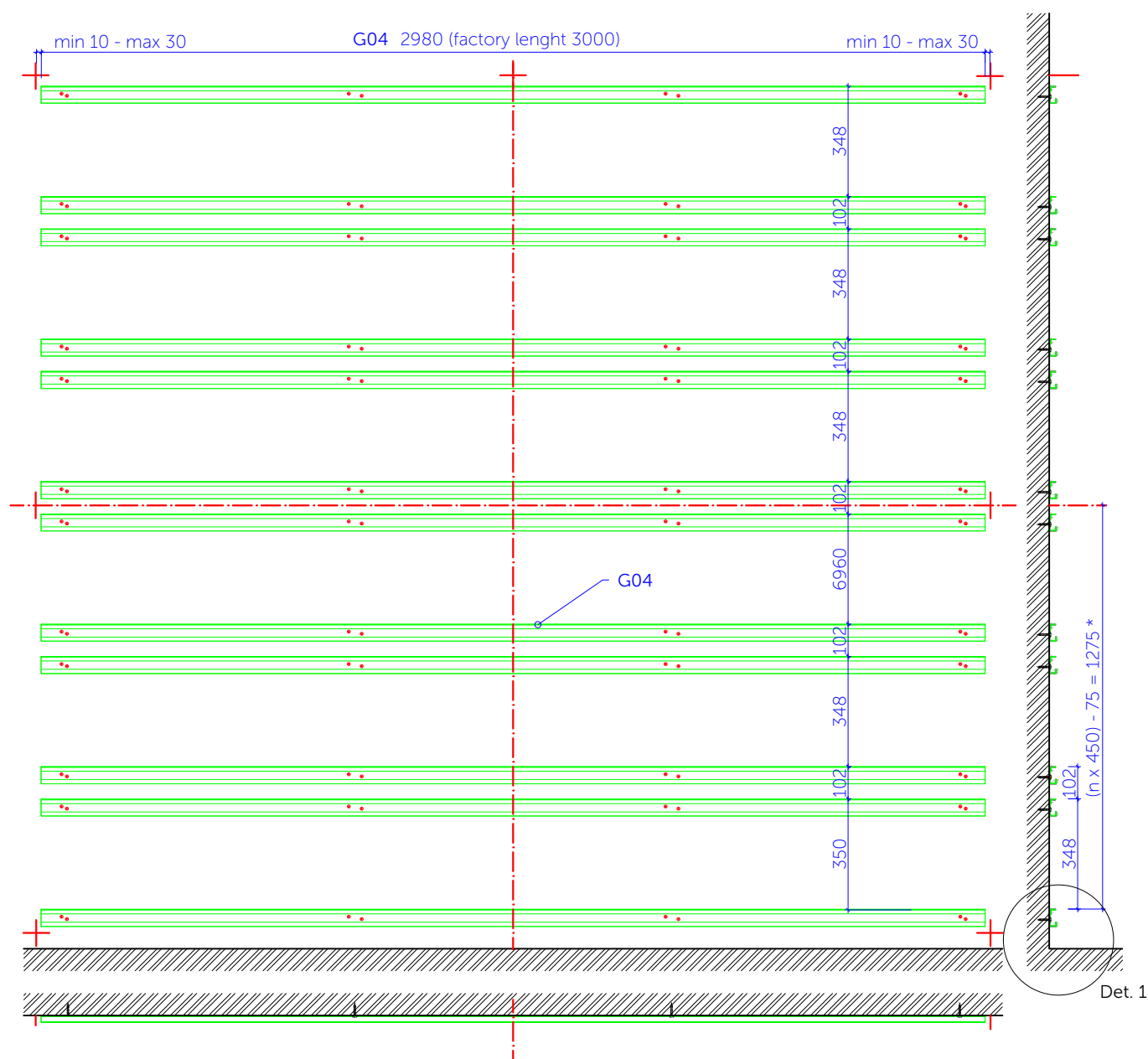
- * formula for even number of panels: $(n \times 1000) + 5$, the main vertical axis runs through the joint, n stands for number of panels
- ** formula for the main horizontal axis depends on the height of the plinth or the required bottom level of cladding, it is recommended that the main horizontal axis runs allways through the joint

Perspective view 10



GLASIO 65 - INSTALLATION MANUAL

STEP 2 - mounting of the horizontal C profiles

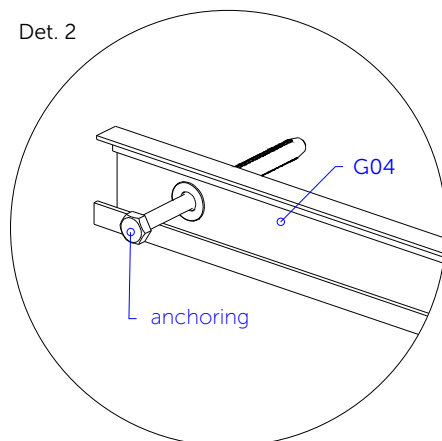
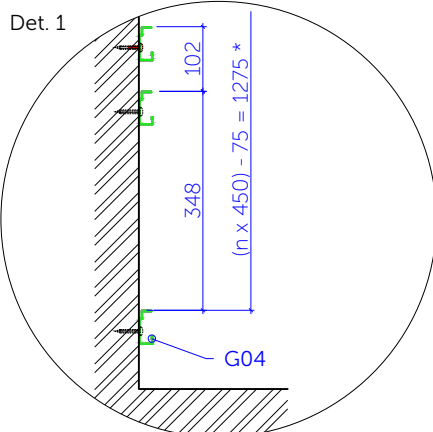
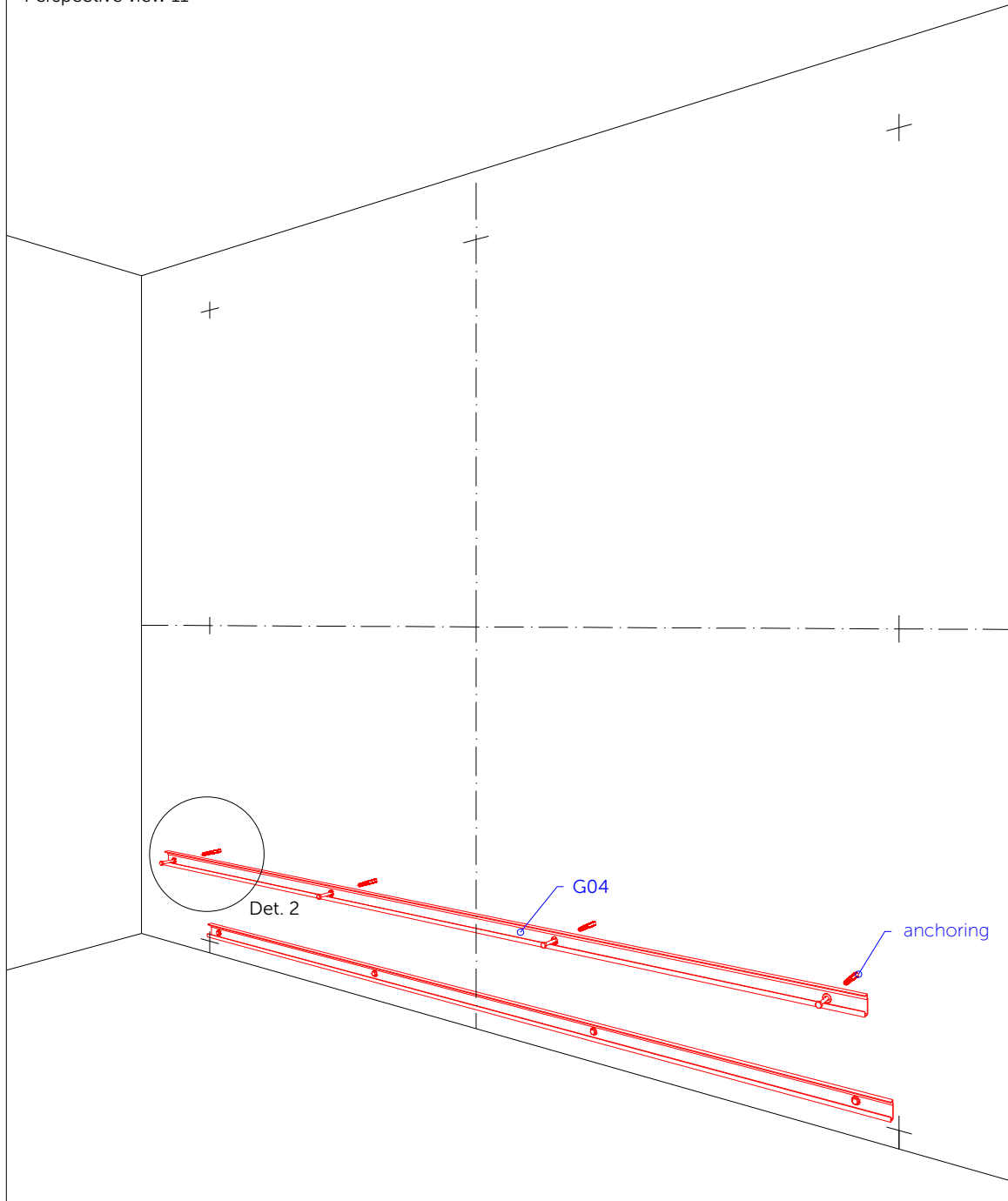


The horizontal supporting profiles G04 are mounted on a steady and load bearing capable wall. The project designer inspects the construction base and recommends the appropriate anchoring elements.

The horizontal supporting profiles G04 are installed starting from the bottom-up.

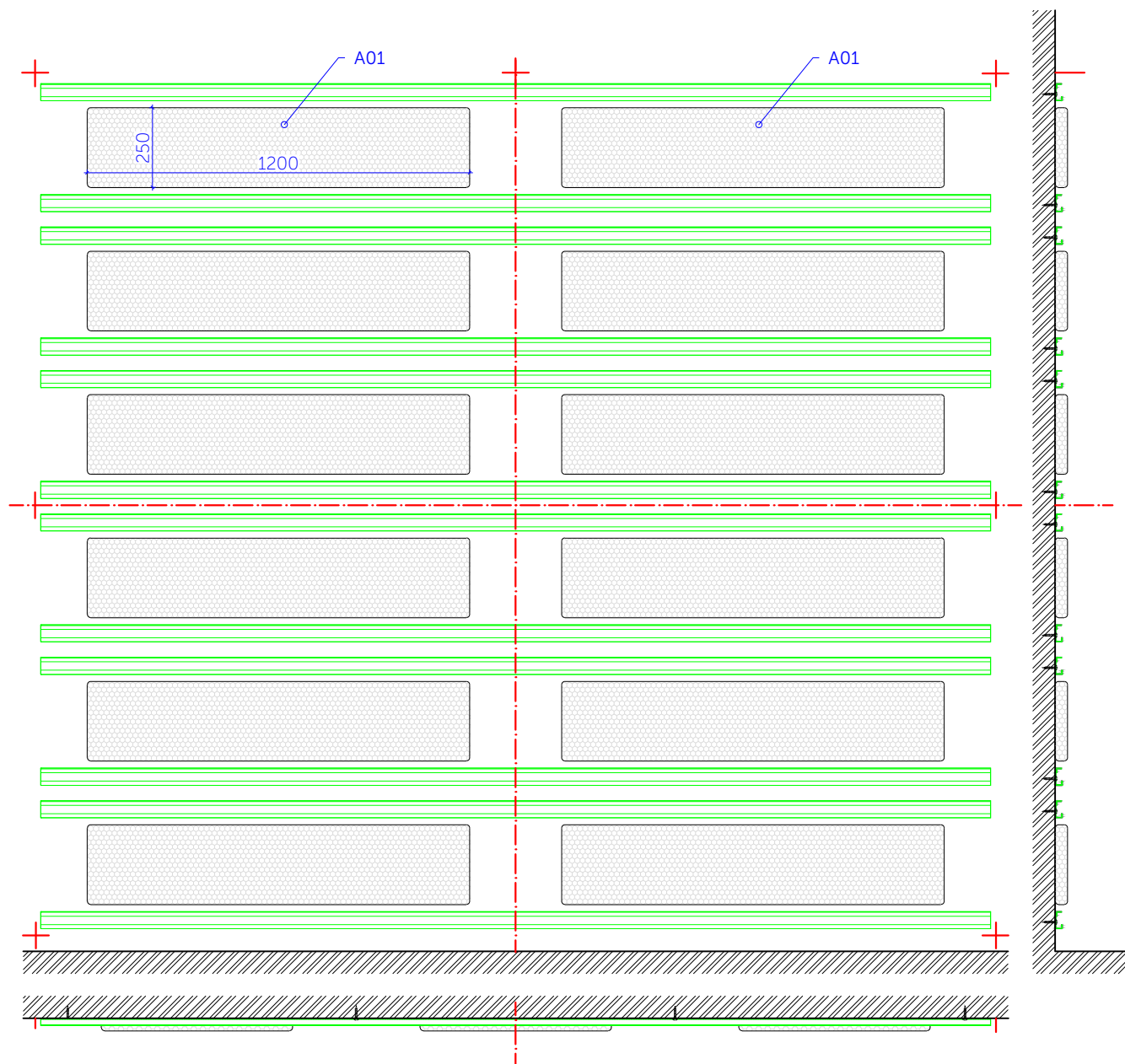
- * n stands for number of panels below the main horizontal axis, formula is correct only if the main horizontal axis runs through the joint

Perspective view 11



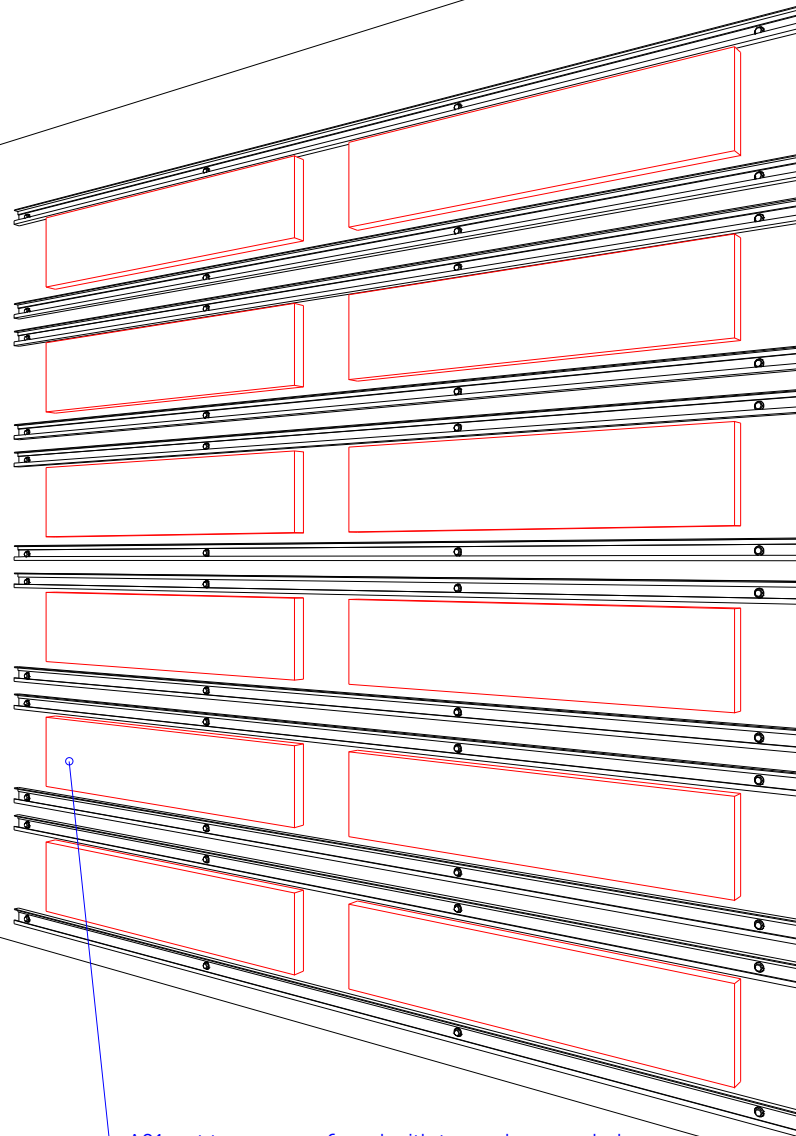
GLASIO 65 - INSTALLATION MANUAL

STEP 3- mounting of the absorbent pad



A01 - Acoustic absorbent pad thickness 50 mm based on mineral wool packed in thin polyethylene foil inserting into the air gap increases the efficiency of sound absorption of system.

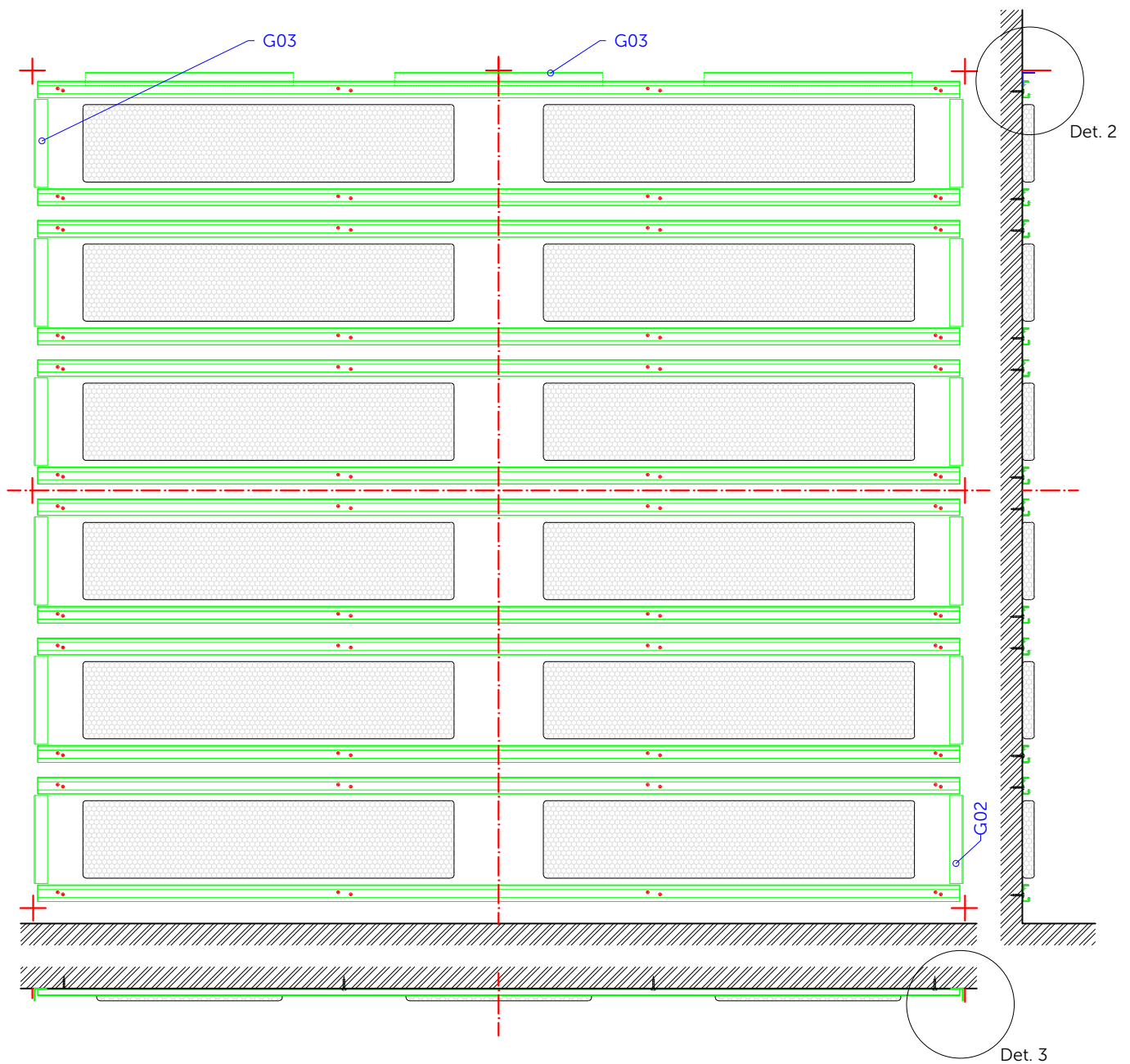
Perspective view 12



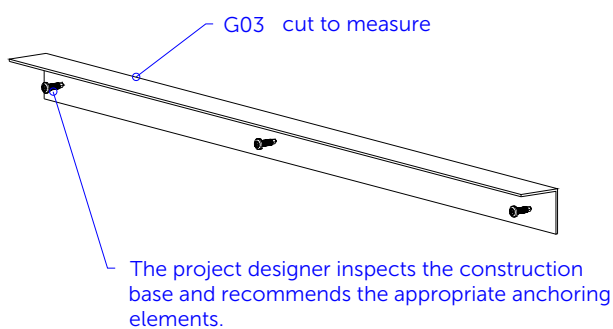
A01 cut to measure & seal with tape when needed

GLASIO 65 - INSTALLATION MANUAL

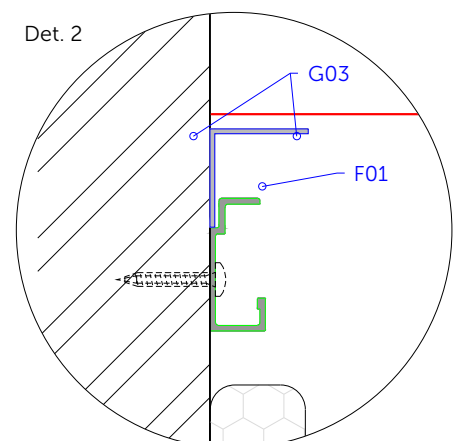
STEP 4 - profiles for top/side panels



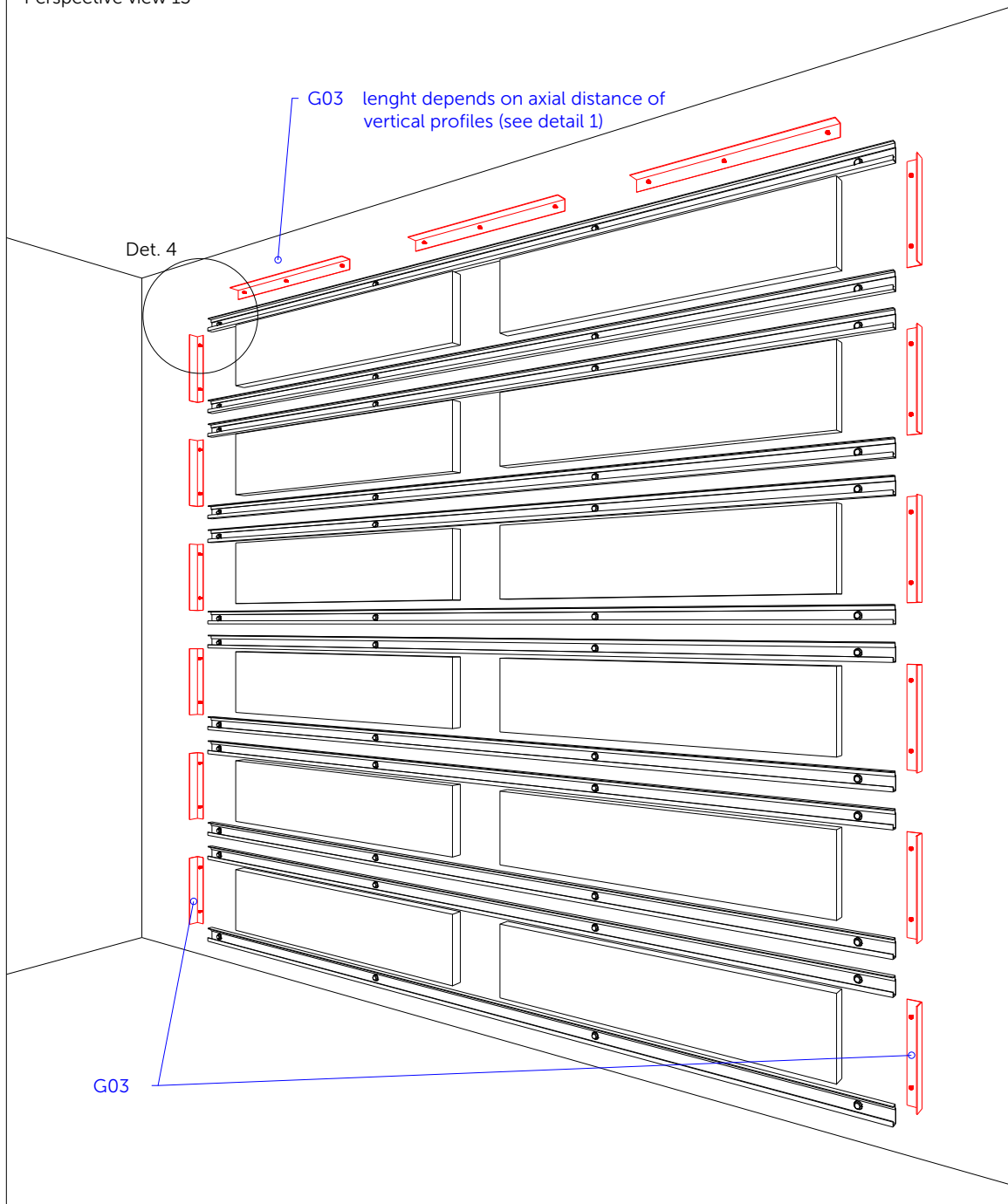
Det. 1



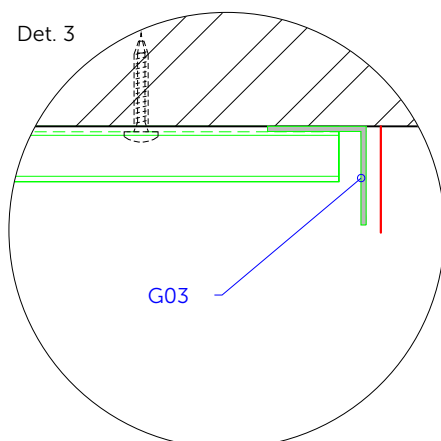
Det. 2



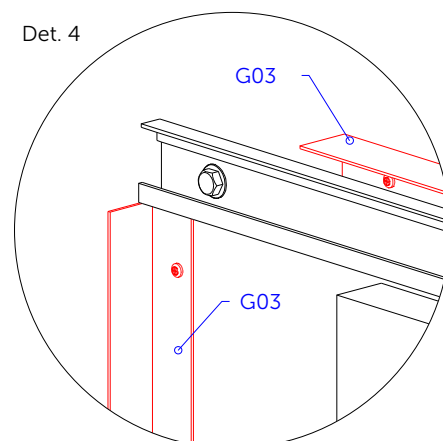
Perspective view 13



Det. 3

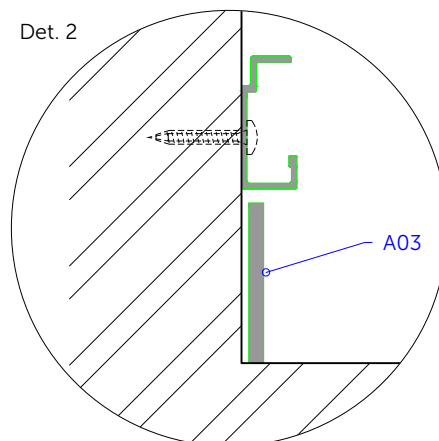
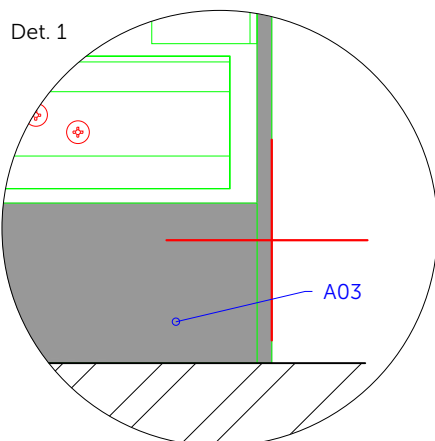
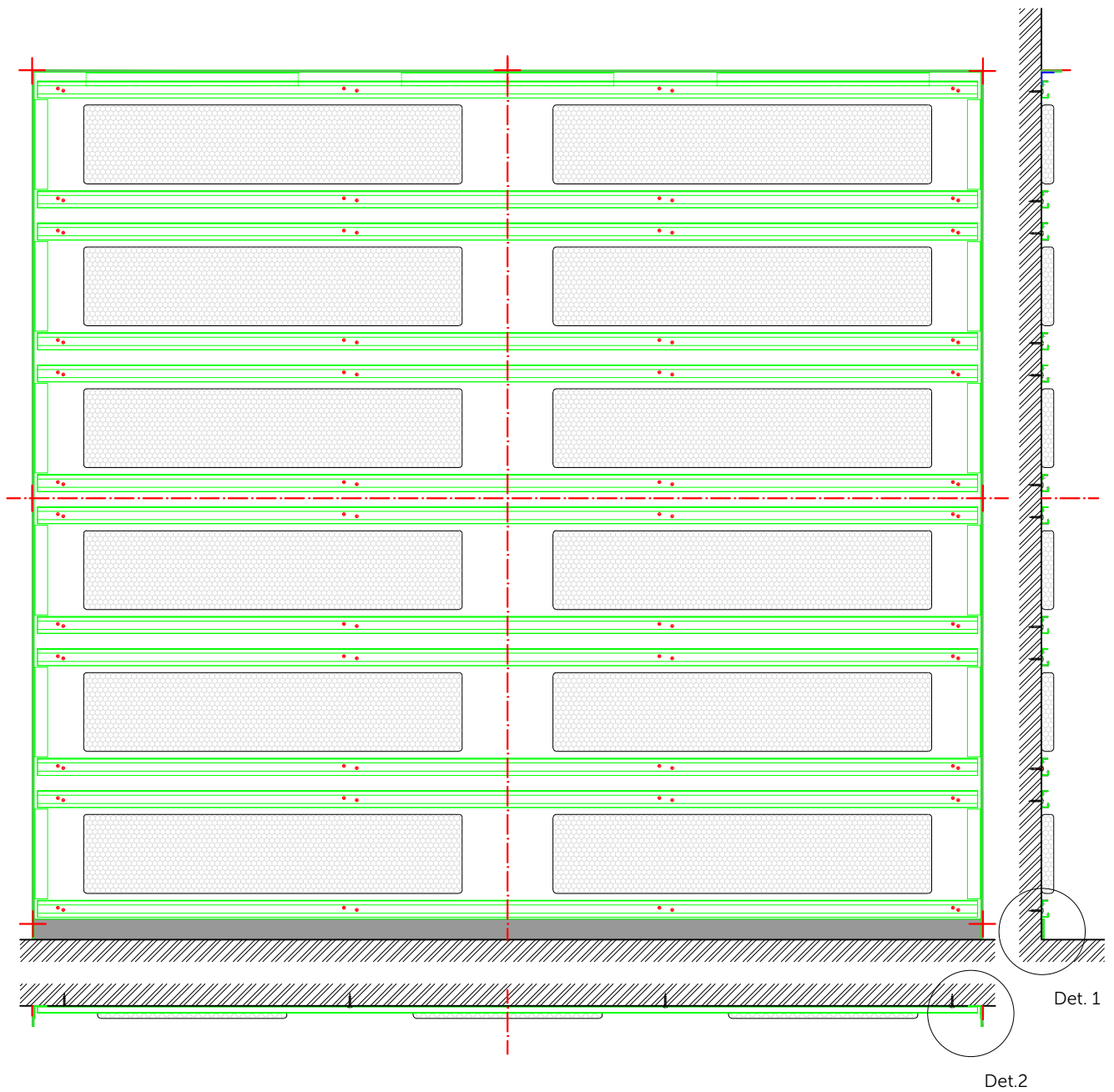


Det. 4

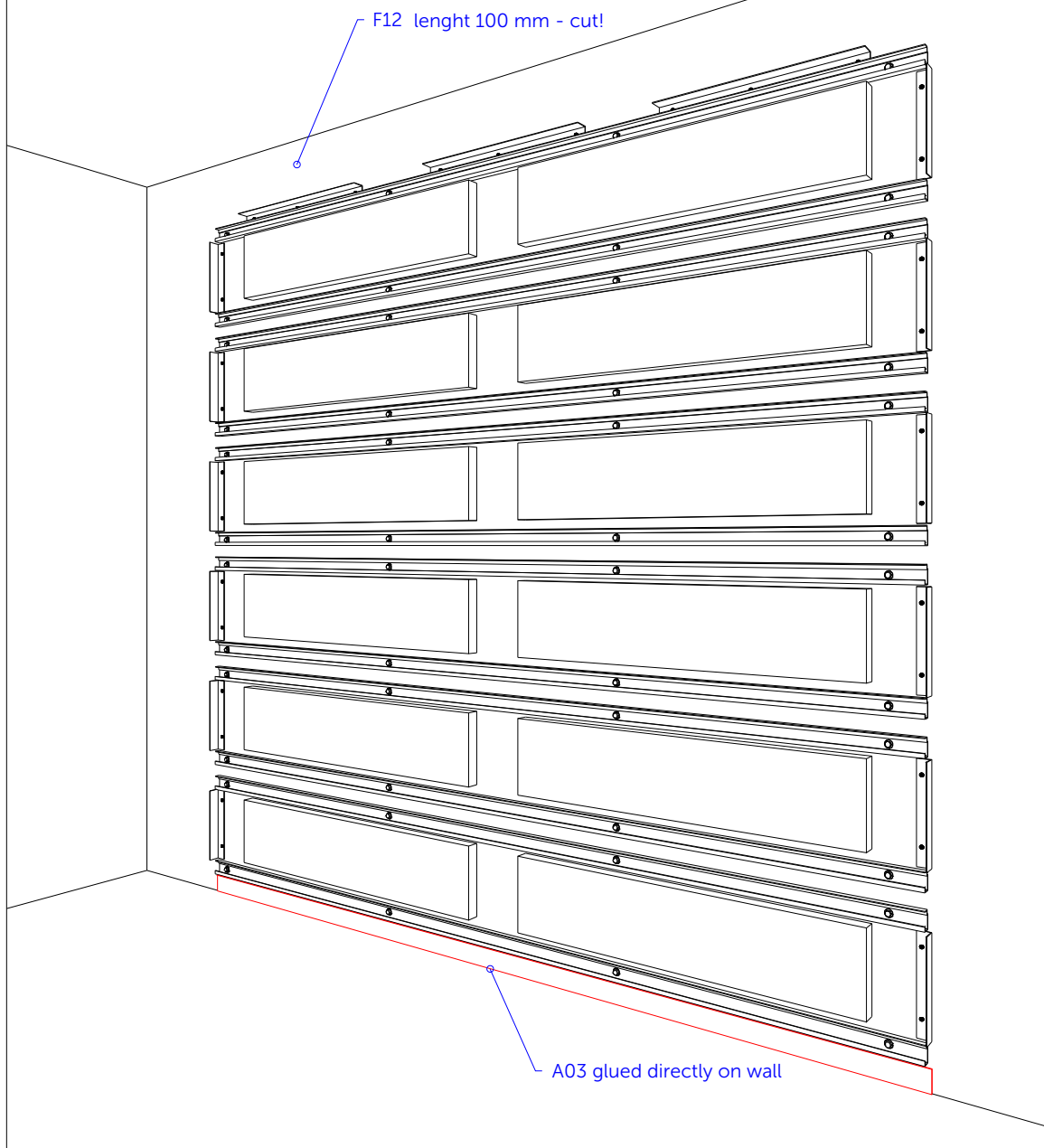


GLASIO 65- INSTALLATION MANUAL

STEP 5 - plinth

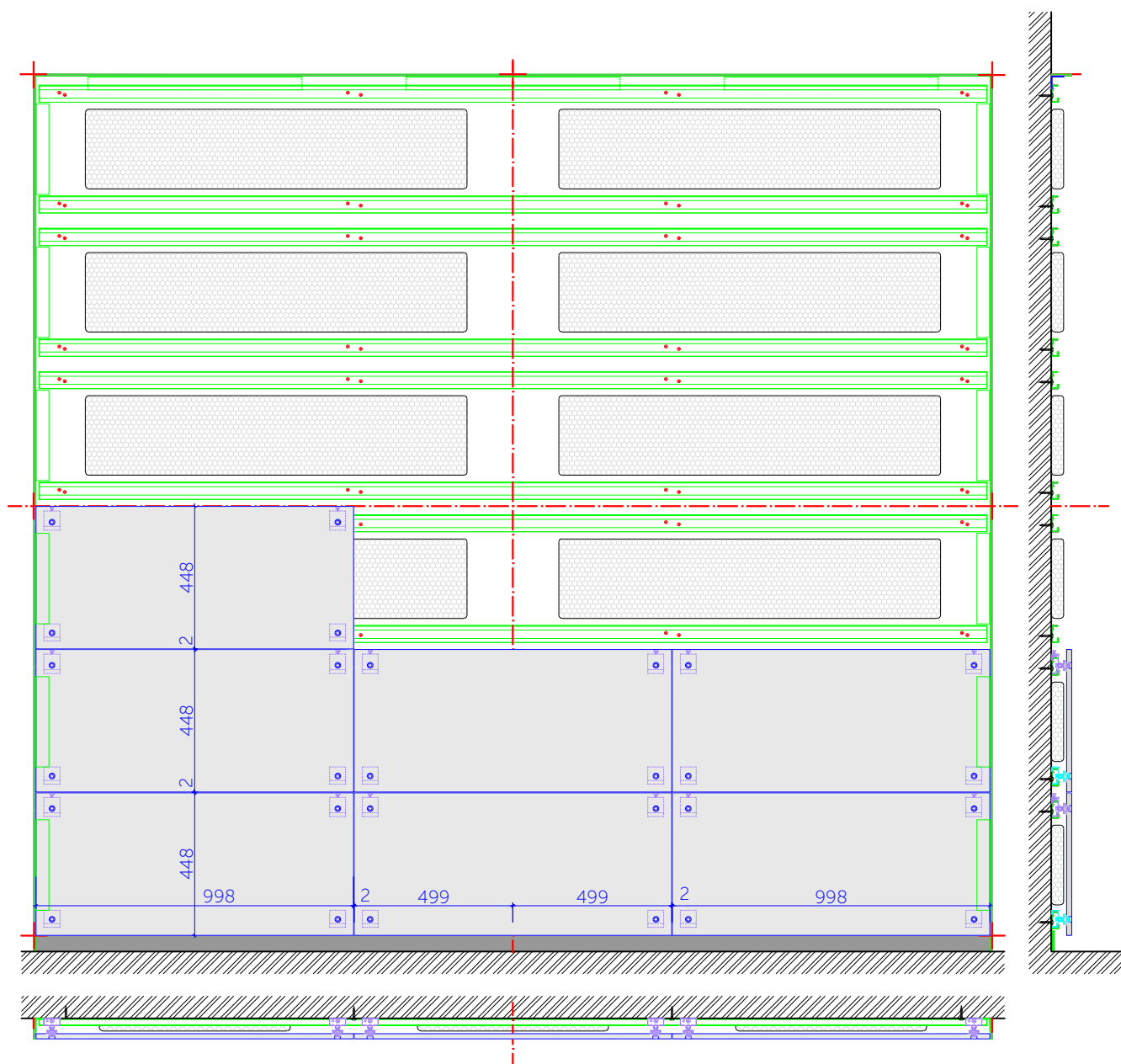


Perspective view 14



GLASIO 65 - INSTALLATION MANUAL

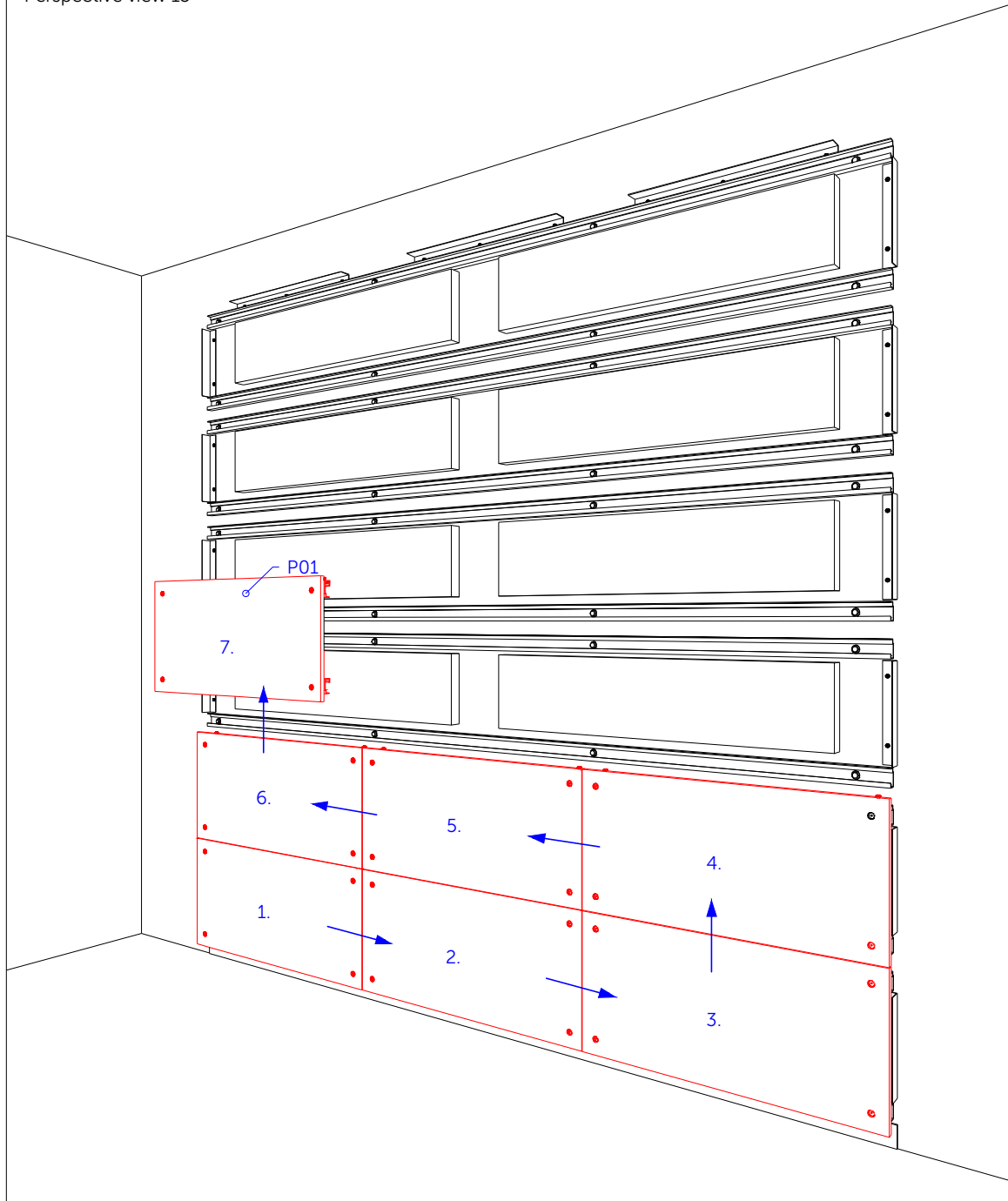
STEP 6 - hanging of the Glasio panel



The panles are installed starting from the bottom-up. The lowest row is first laid, followed by the leftmost (or rightmost) panel for starting next row.

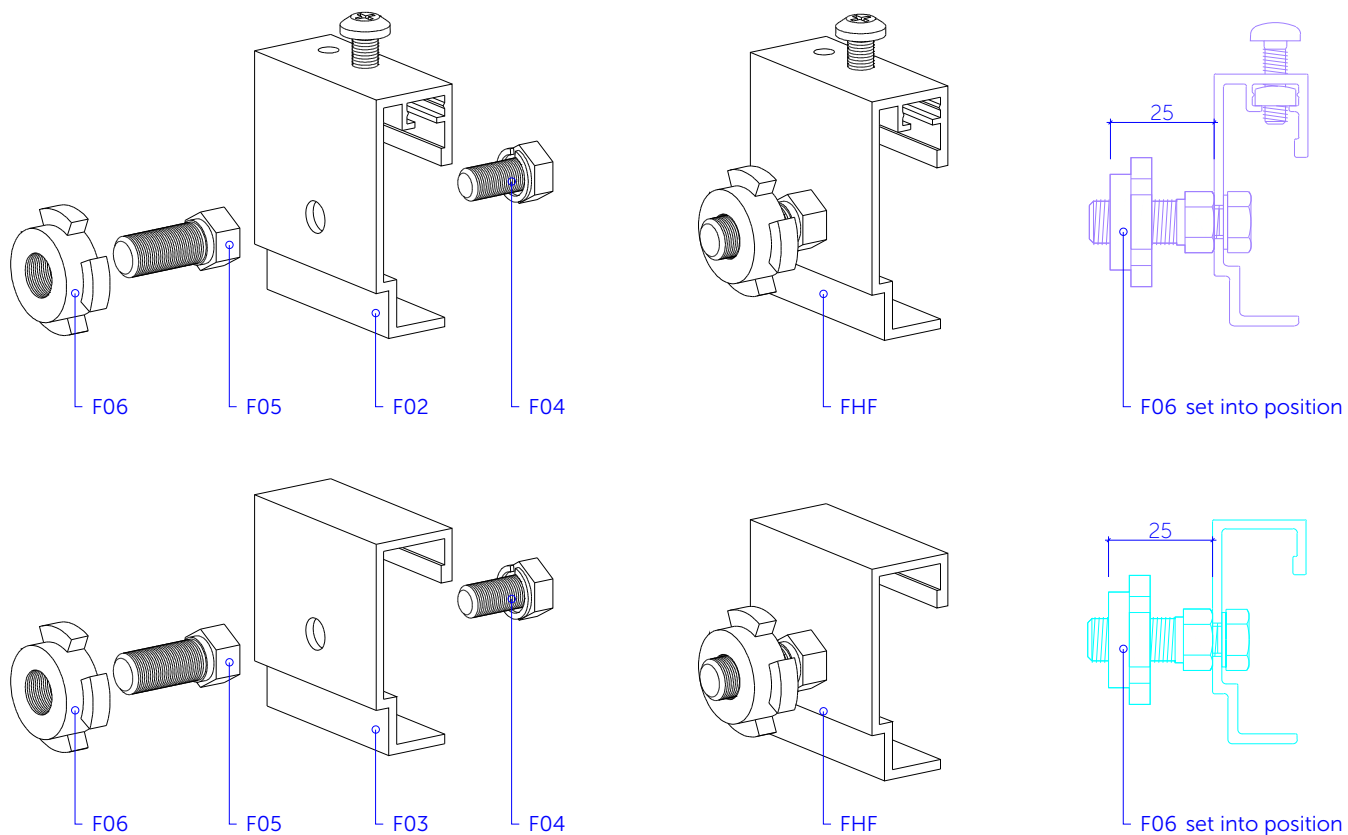
See detailed information on the next page!

Perspective view 15

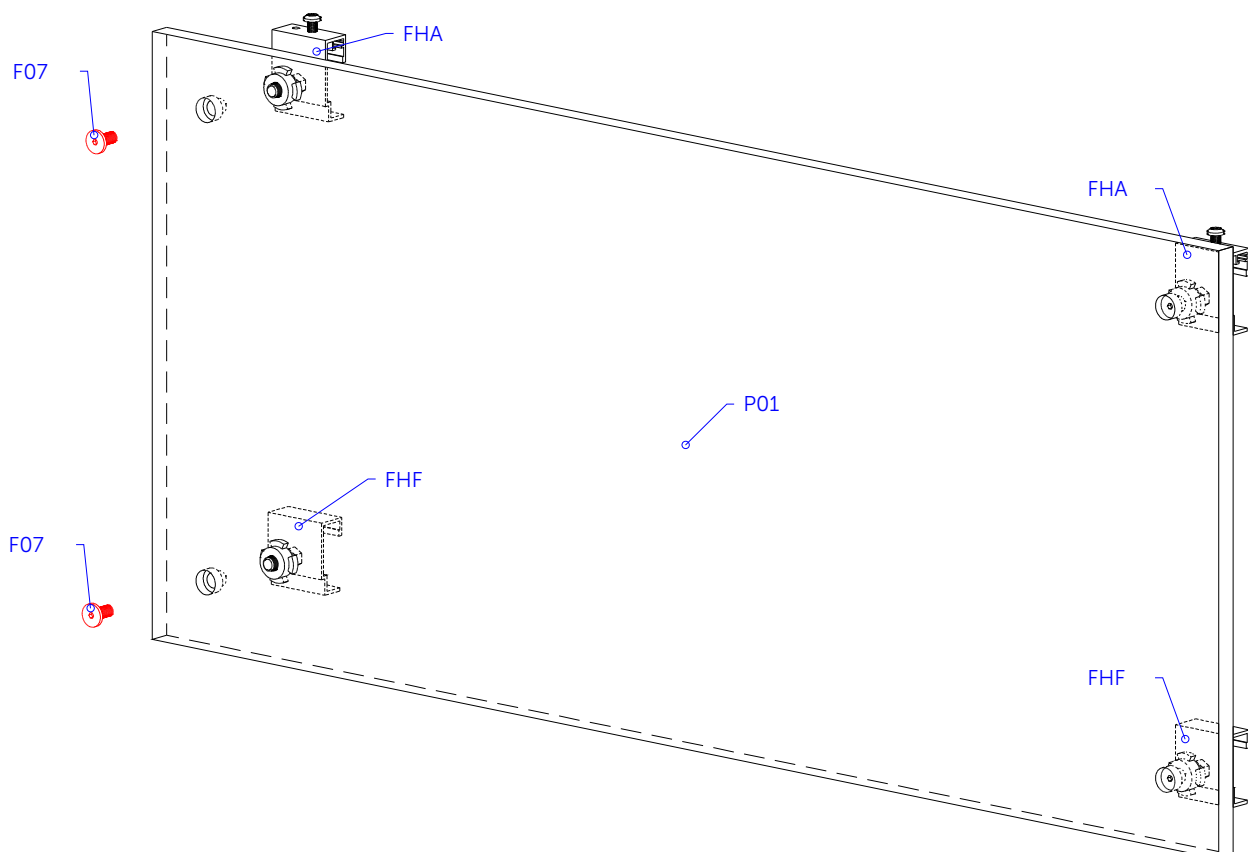


GLASIO 65 - INSTALLATION MANUAL

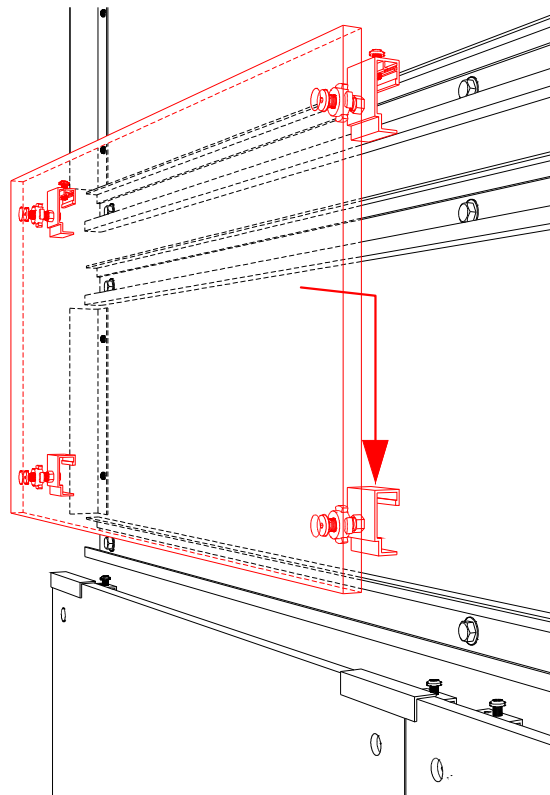
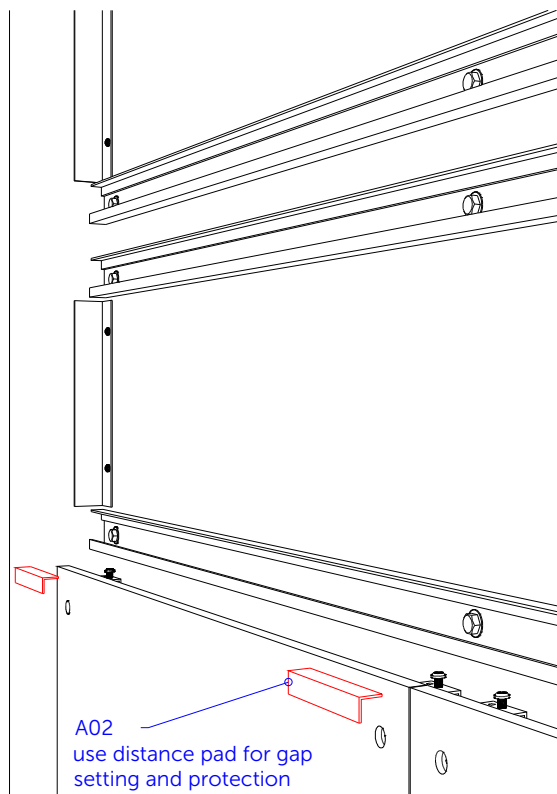
7.1 ASSEMBLING FHA & FHF HANGERS



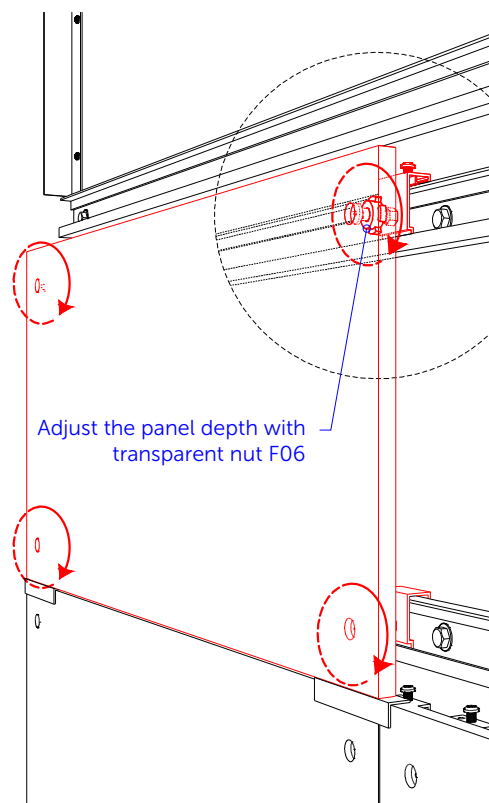
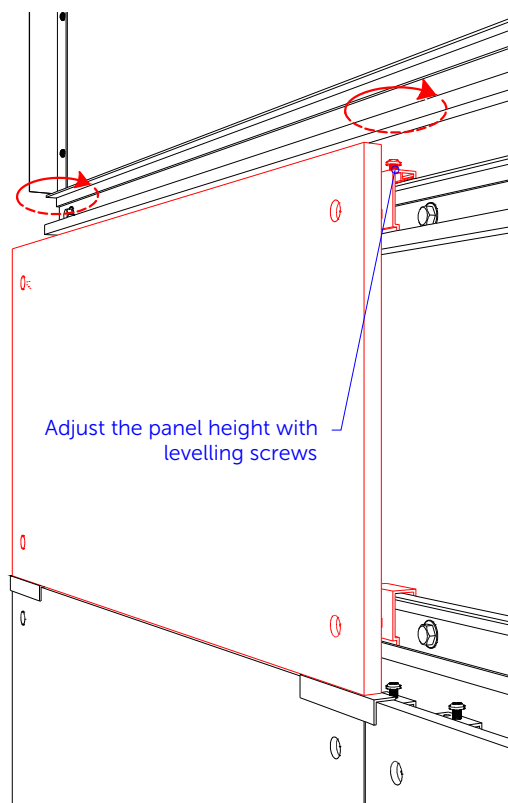
7.2 INSTALLING HANGERS



7.3 HANGING OF THE GLASIO PANEL

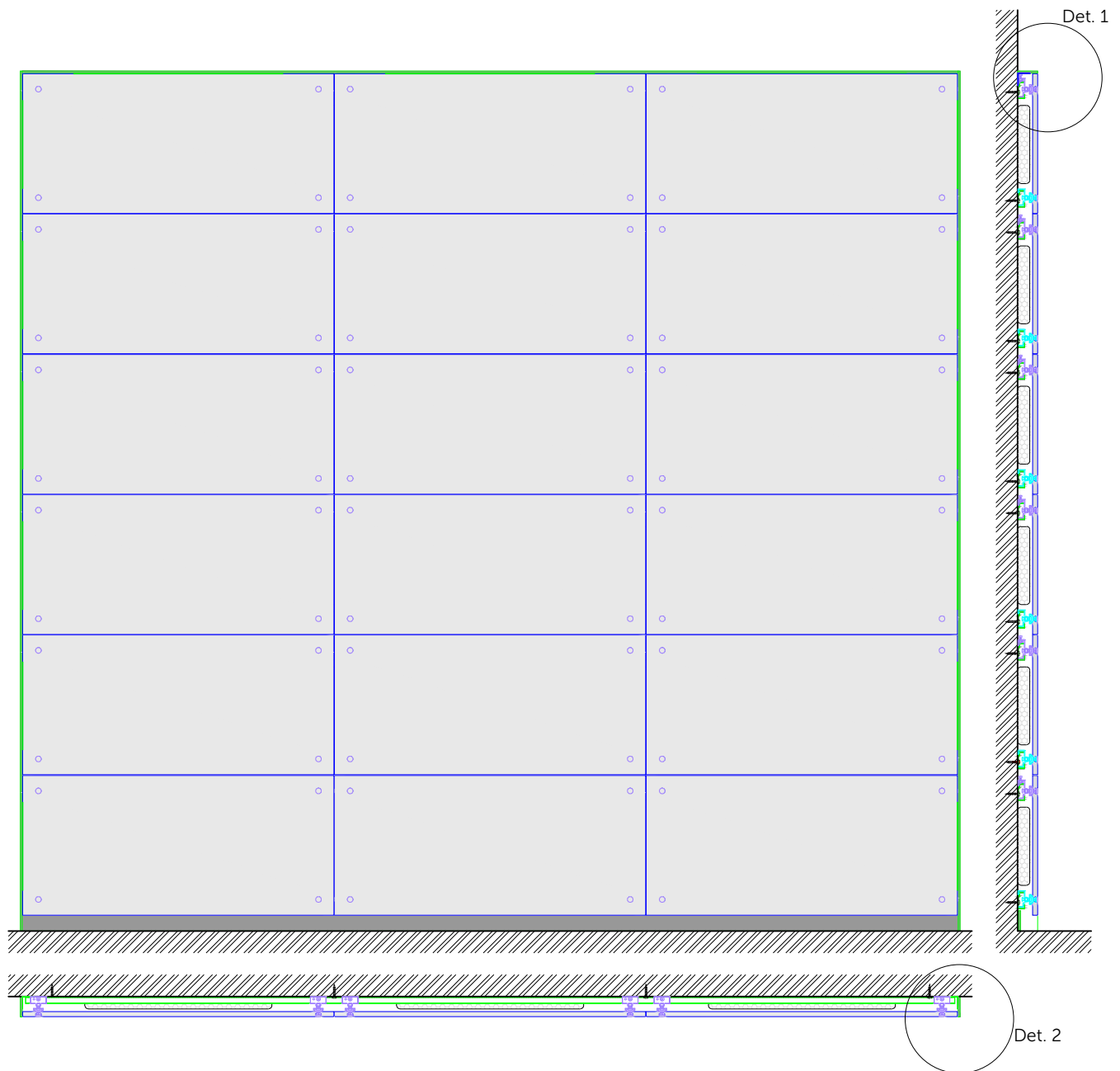


7.4 HEIGHT/DEPTH RECTIFICATION

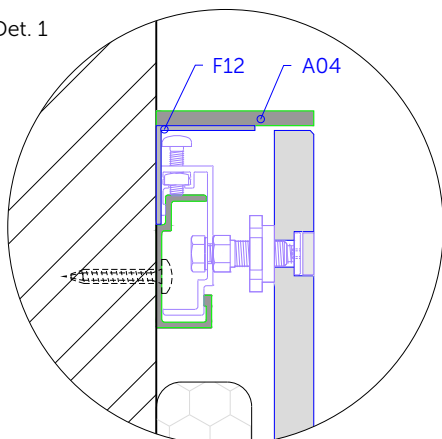


GLASIO 65 - INSTALLATION MANUAL

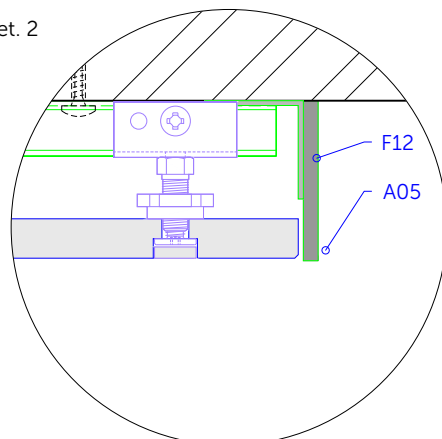
STEP 8 - installation of the top/side panel & the glass plugs



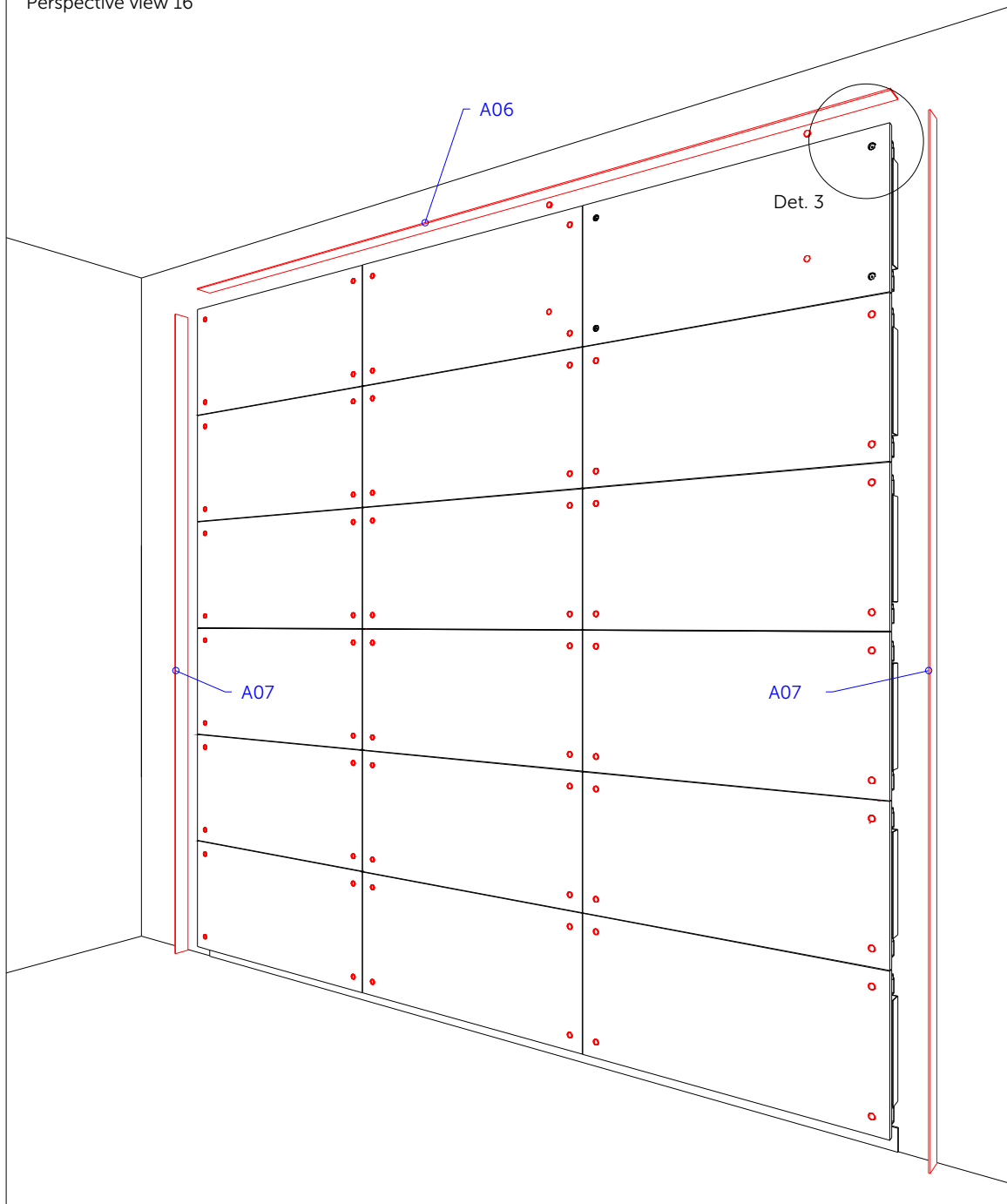
Det. 1



Det. 2



Perspective view 16



Det. 3

