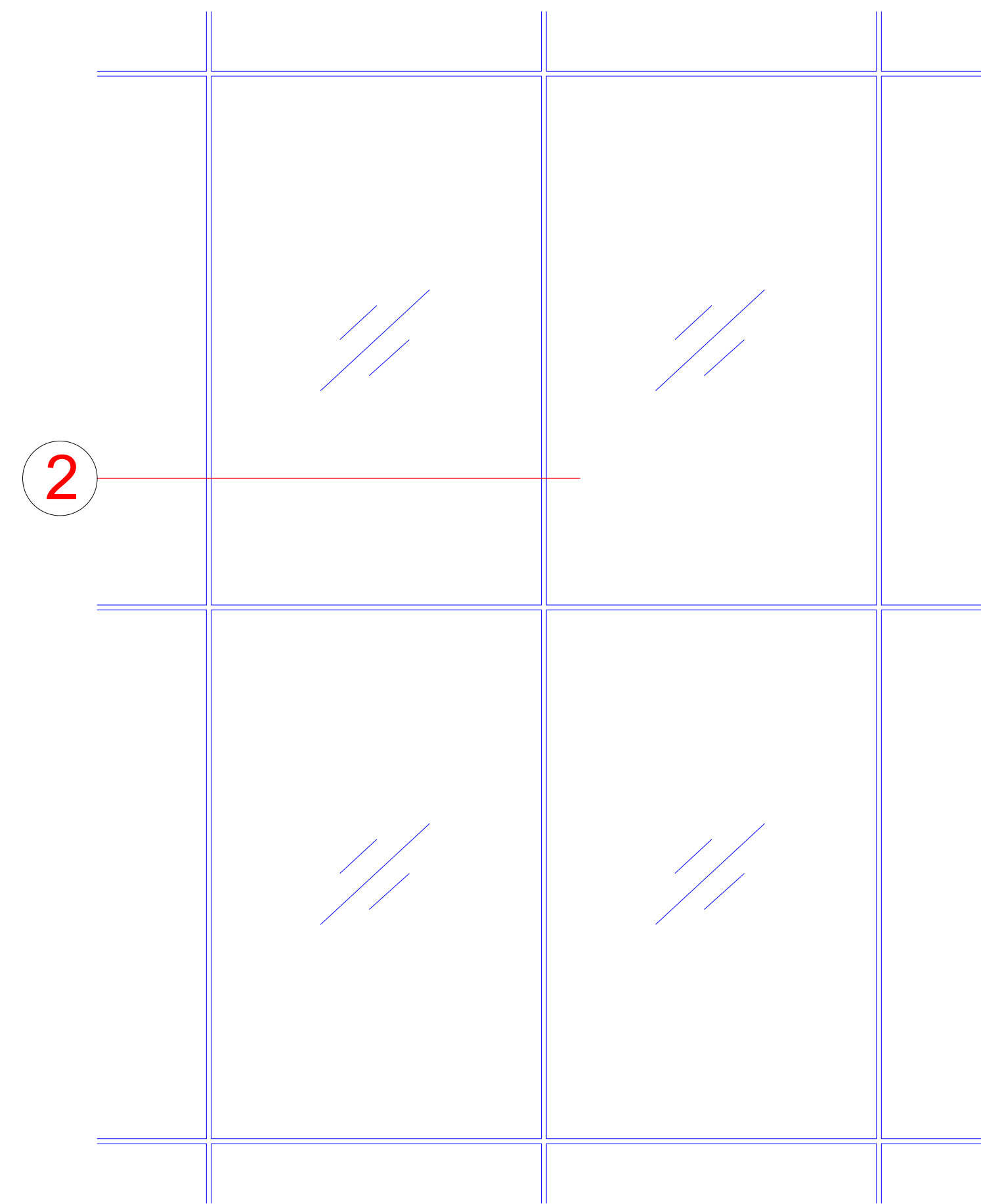


Prüfungen und Normen **	
Luftschalldämmung nach EN ISO 717-1	41 dB
Luftschalldämmung nach EN ISO 717-1	
Wärmedämmung nach DIN EN ISO 10077-2	Uf = 0,91 - 1,1 W/(m²K)
Wärmedämmung nach DIN EN ISO 10077-2	
Luftdurchlässigkeit nach DIN EN 12153 *	Klasse AE
Luftdurchlässigkeit nach DIN EN 12153	Klasse AE
Schlagregendichtheit nach DIN EN 12155	Klasse RE 1200
Schlagregendichtheit nach DIN EN 12155	Klasse RE 1200
Windlastwiderstand nach EN 12179 (Nennlast)	
Windlastwiderstand nach EN 12179 (Nennlast)	+/- 2,4 kN/m²
Windlastwiderstand nach EN 12179 (Sicherheitslast)	
Windlastwiderstand nach EN 12179 (Sicherheitslast)	+/- 3,6 kN/m²
Stoßfestigkeit DIN EN 14019, Belastung von innen / außen	Klasse I5 / E5
Stoßfestigkeit DIN EN 14019, Belastung von innen / außen	Klasse I5 / E5
Einbruchhemmung DIN EN V 1627	Klasse RC2
Einbruchhemmung DIN EN V 1627	Klasse RC2

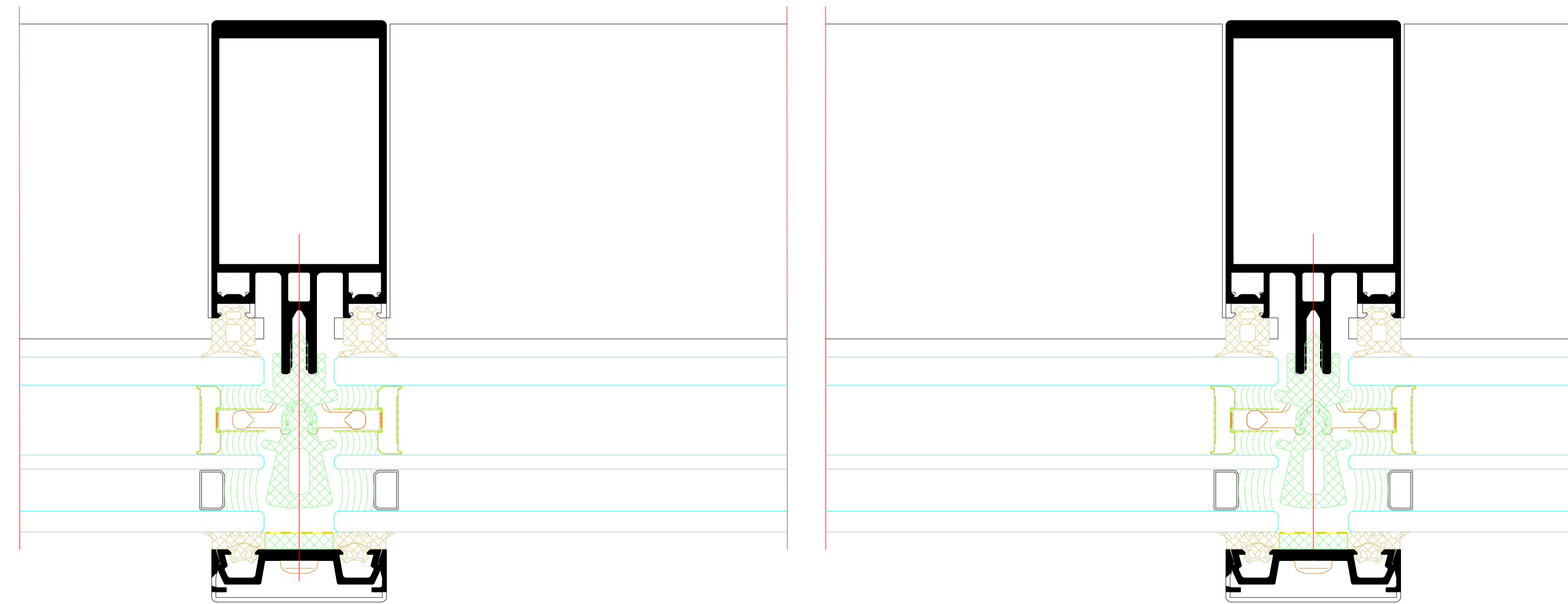
Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

Festverglasung
Fixed glazing



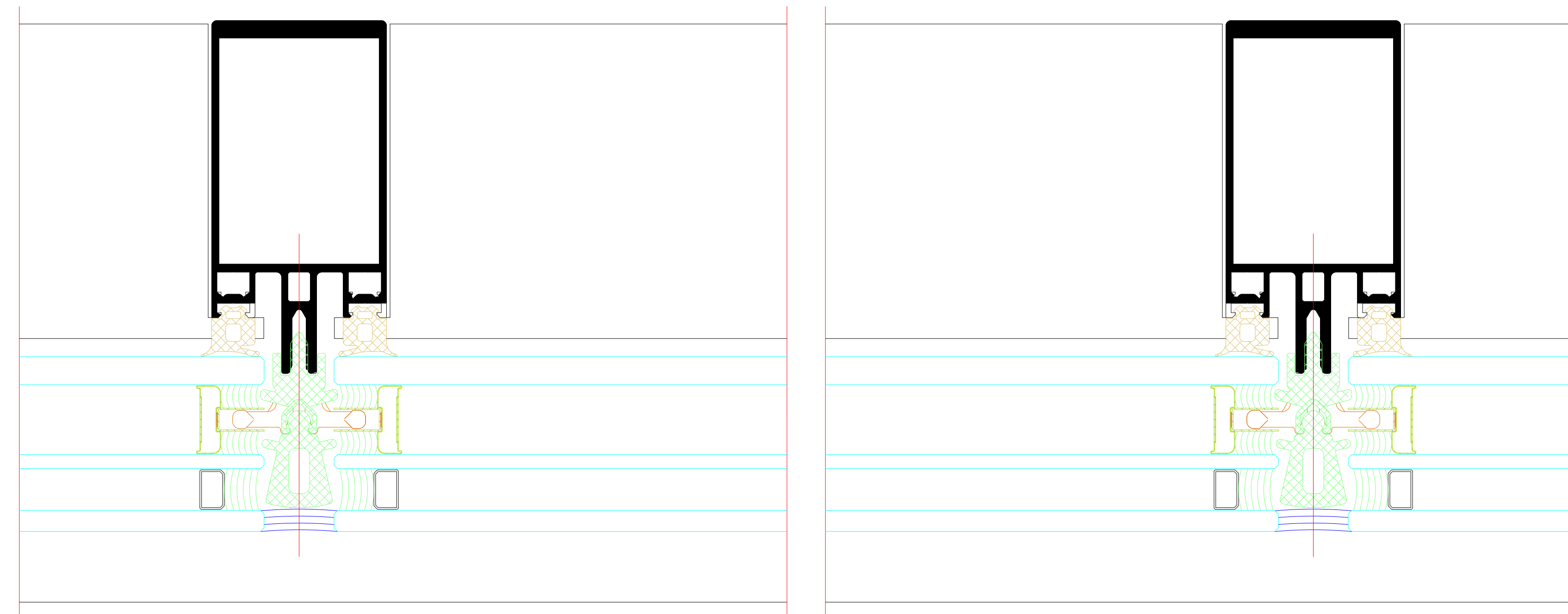
2

vertikale Betonung
Vertical emphasis



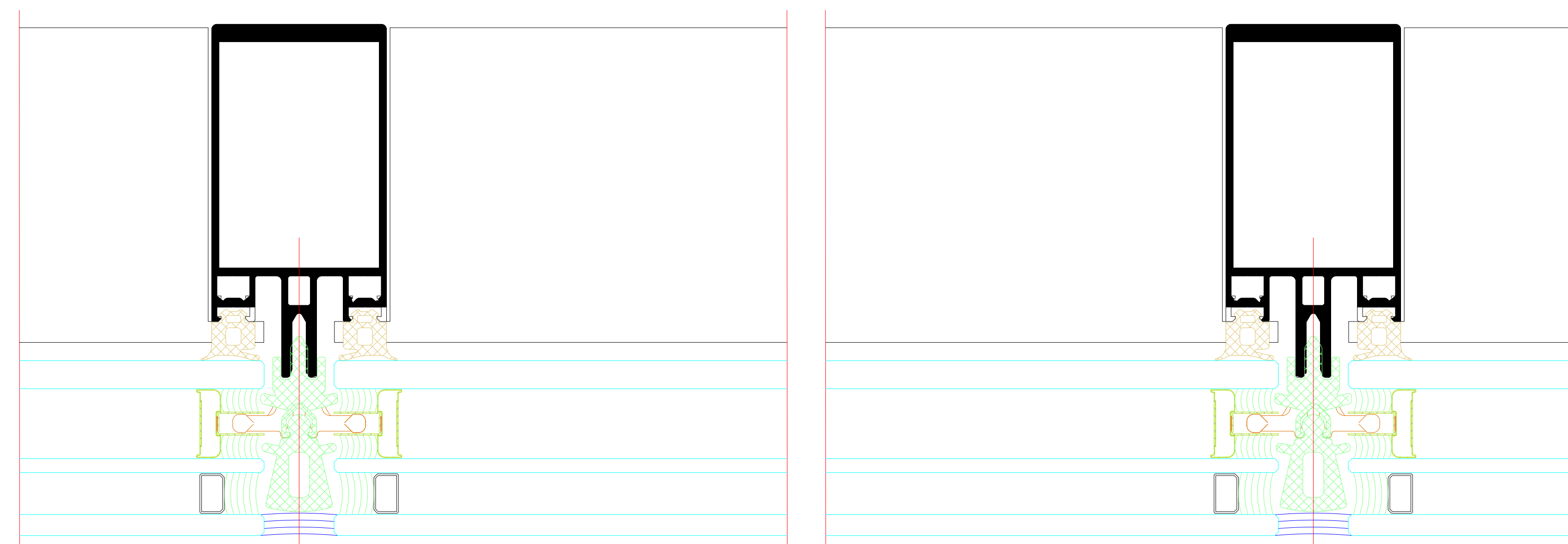
2

horizontale Betonung
Horizontal emphasis

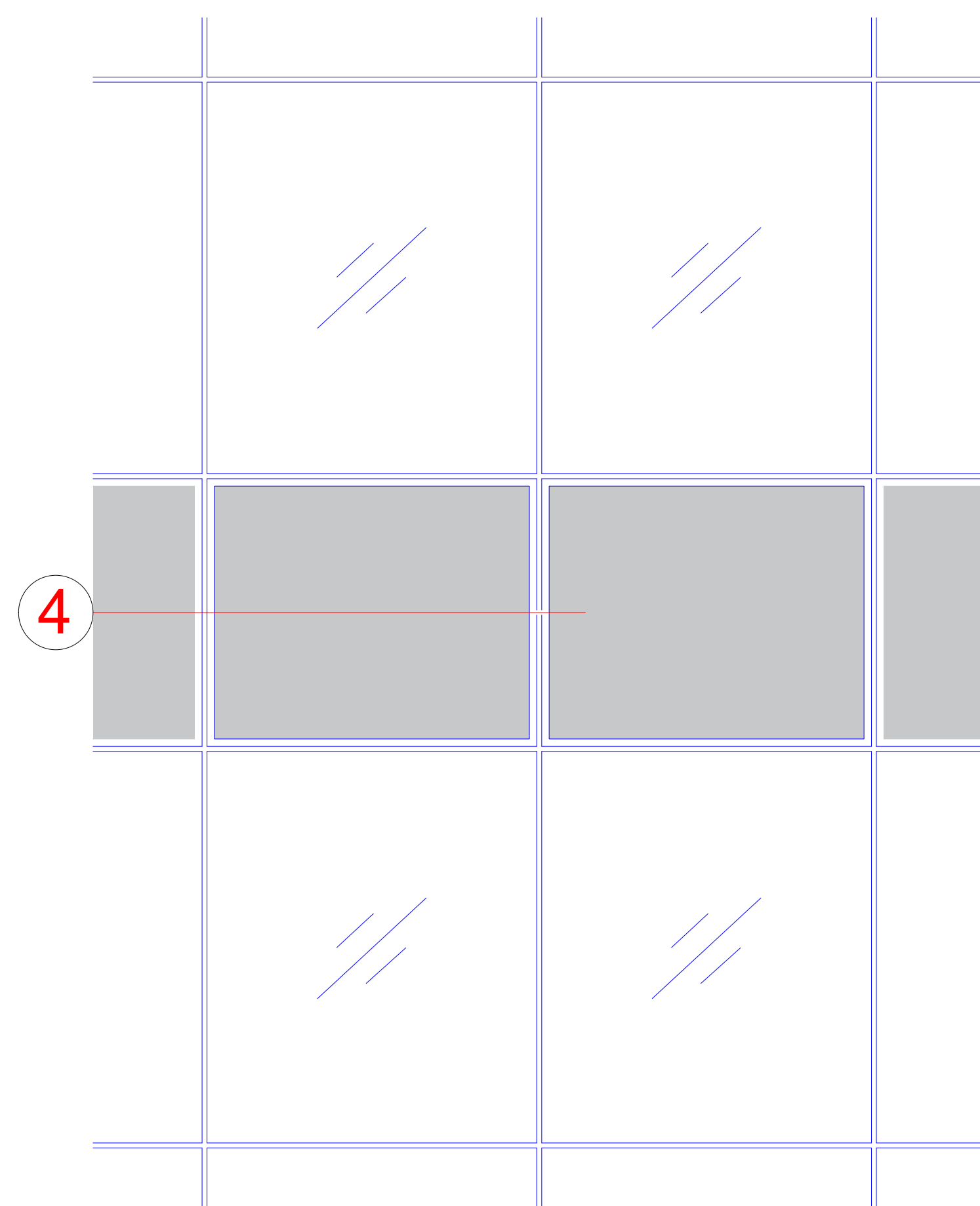


2

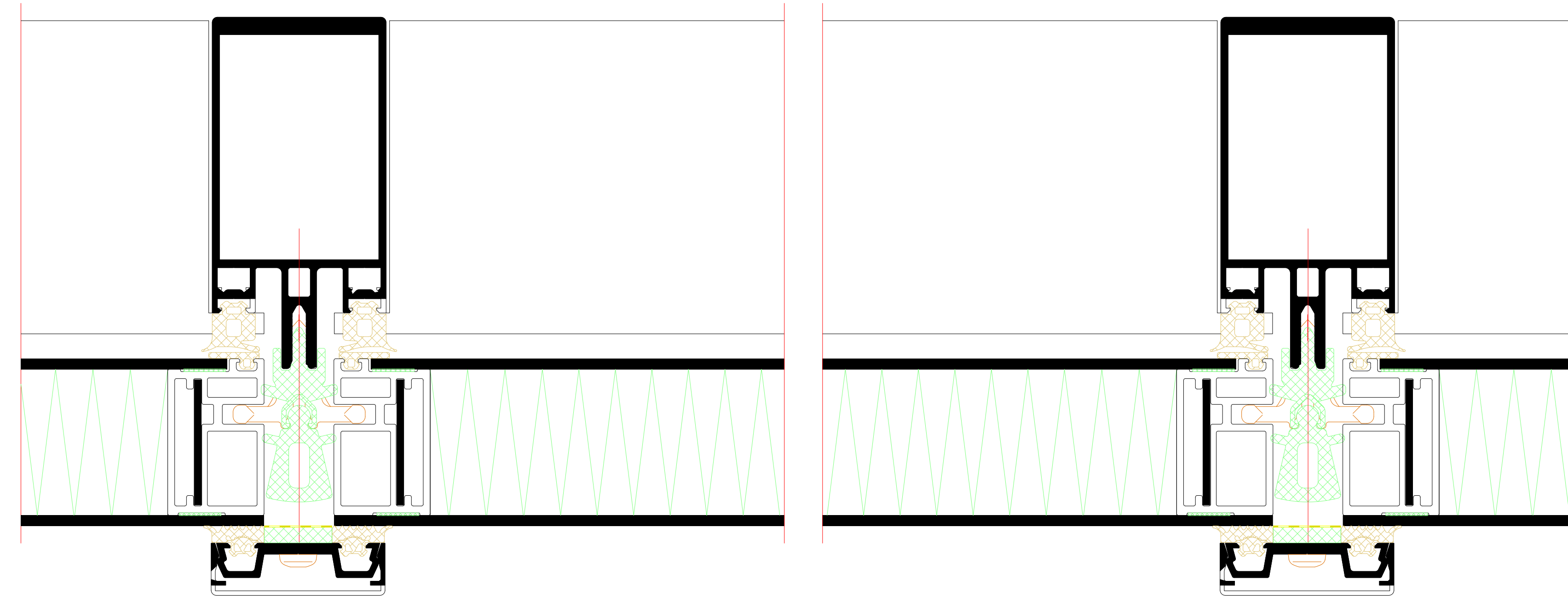
Naßversiegelung
Wet sealing

[illegible]

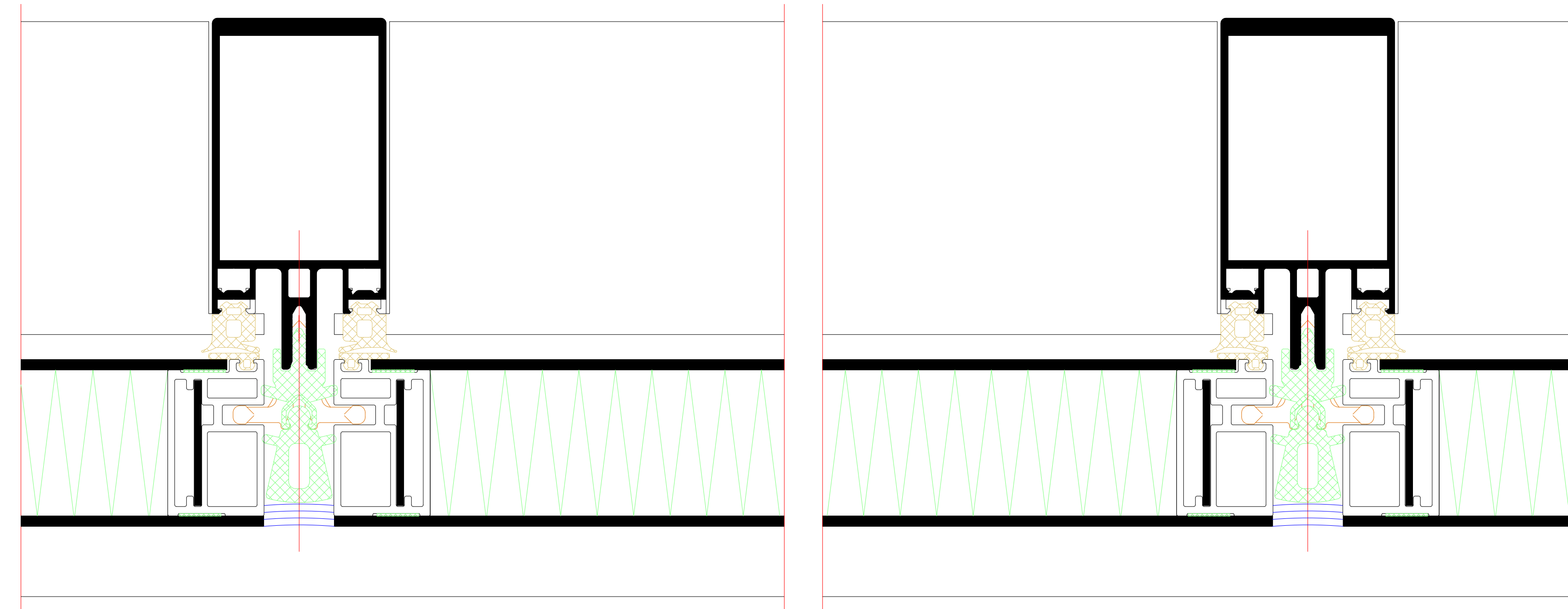
Brüstungspaneel
Spandrel panel



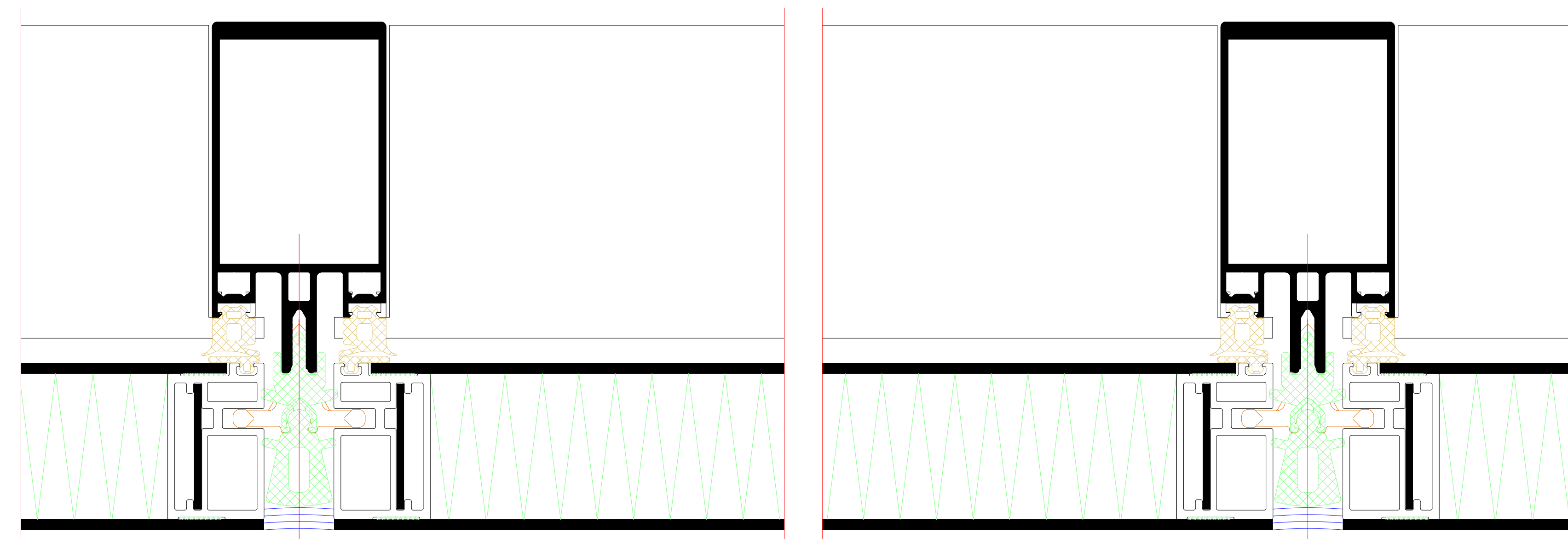
4 vertikale Betonung
Vertical emphasis



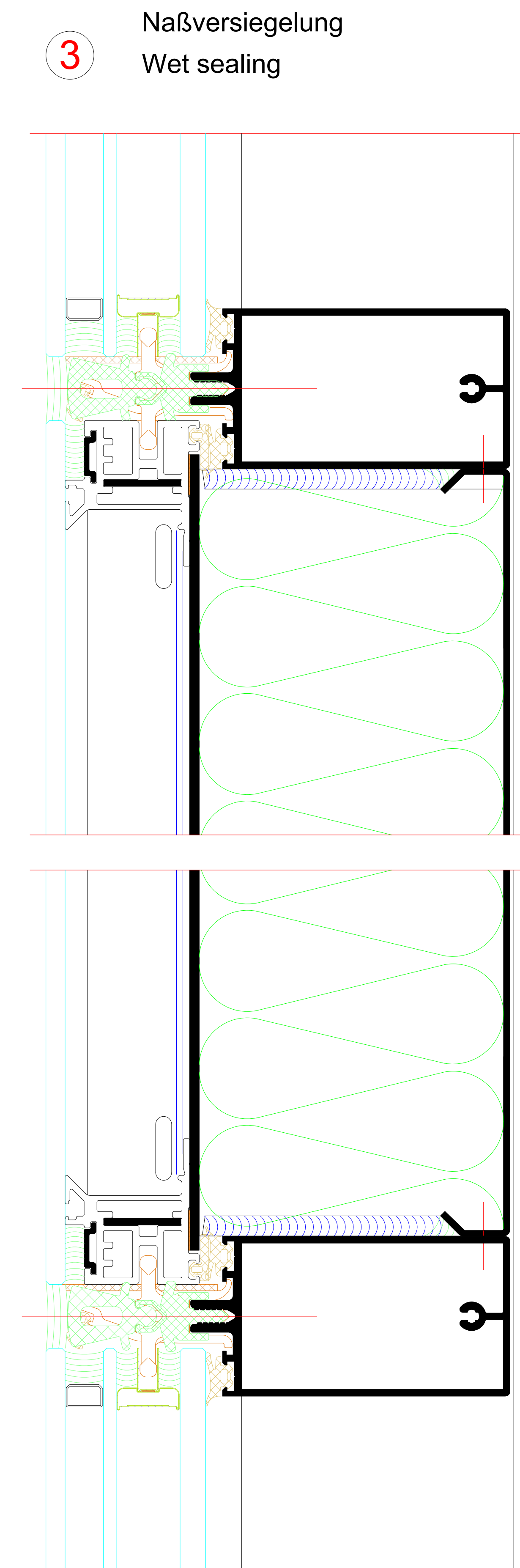
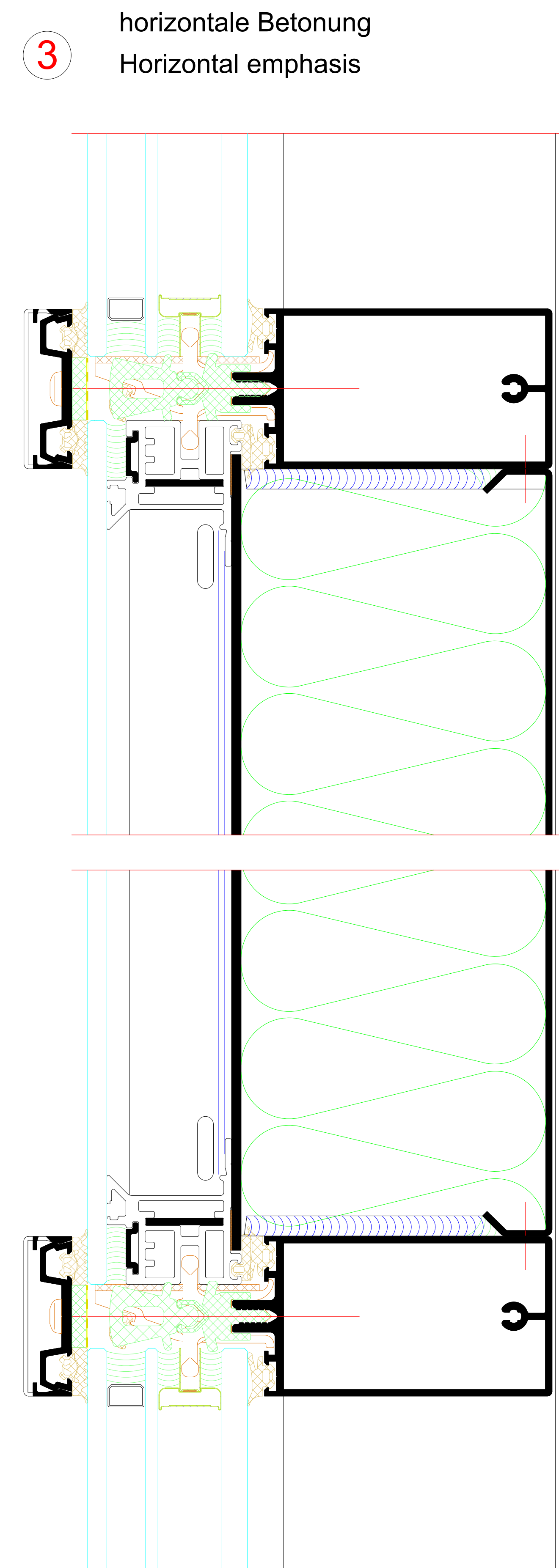
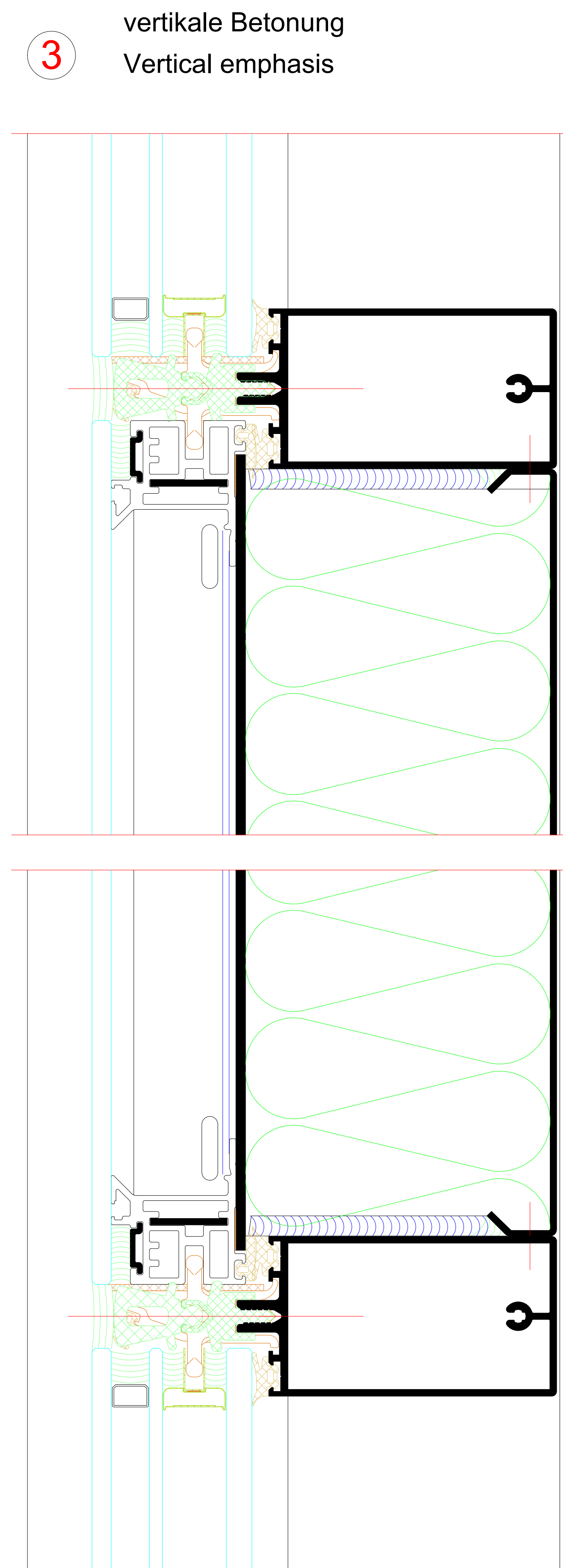
④ horizontale Betonung
Horizontal emphasis



4 Naßversiegelung
Wet sealing

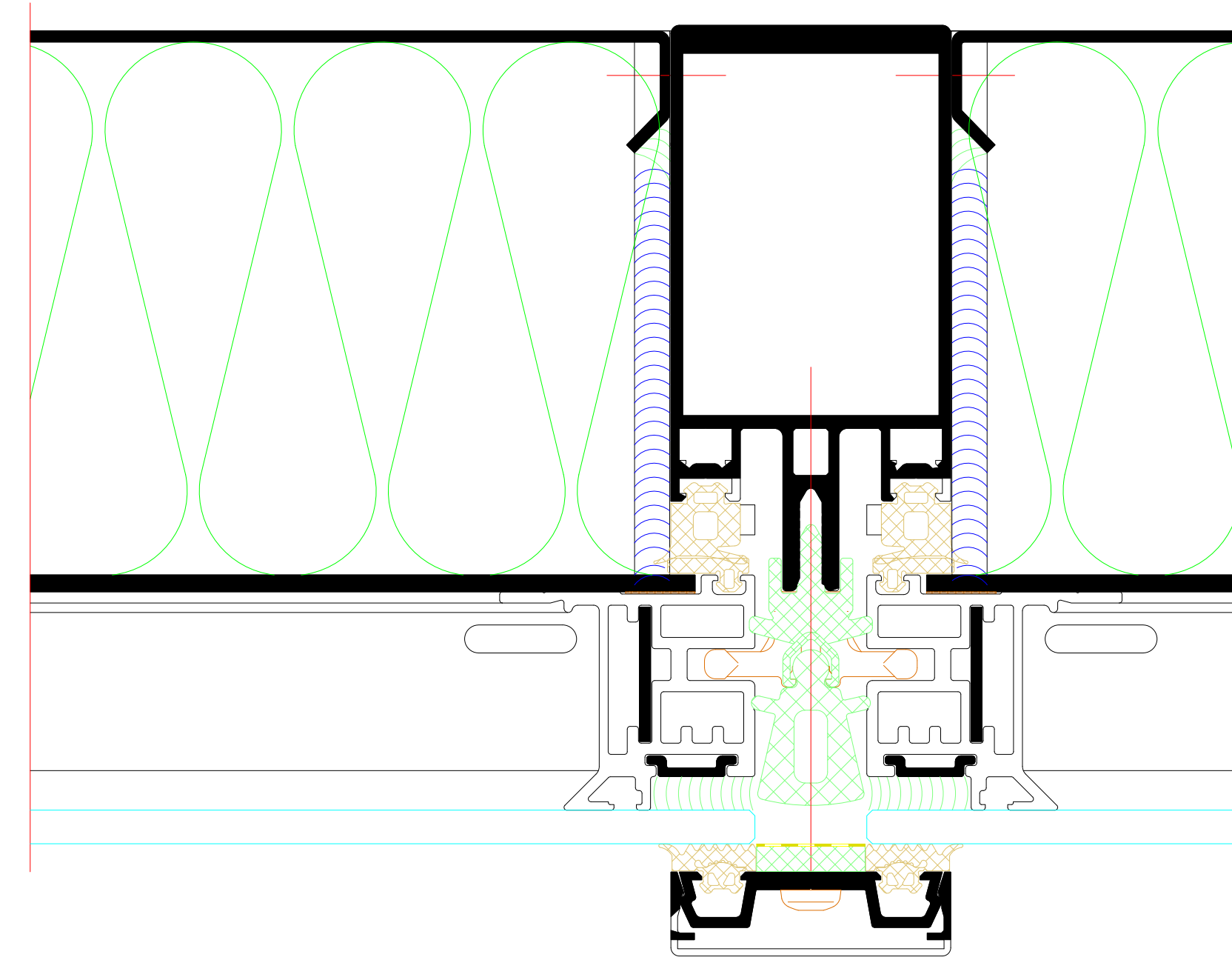
[illegible]

A 3x3 grid with blue lines. The center cell (row 2, column 2) contains a red dot with the number 3 inside a white circle. A red line extends from the bottom of this circle to the bottom edge of the grid. The top and bottom rows of the grid have diagonal slashes in the middle and right cells. The middle row has gray shaded cells in the middle and right positions.



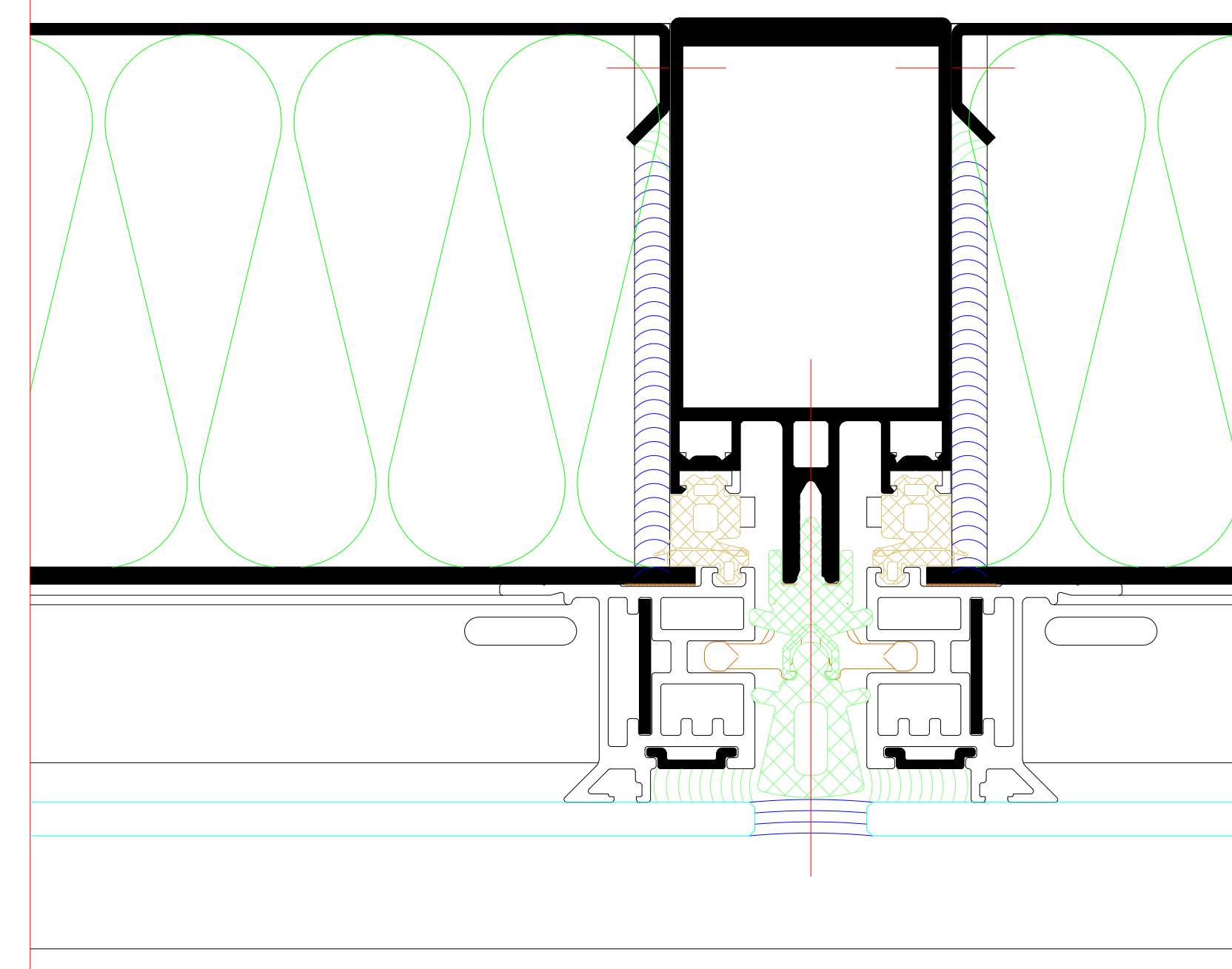


4



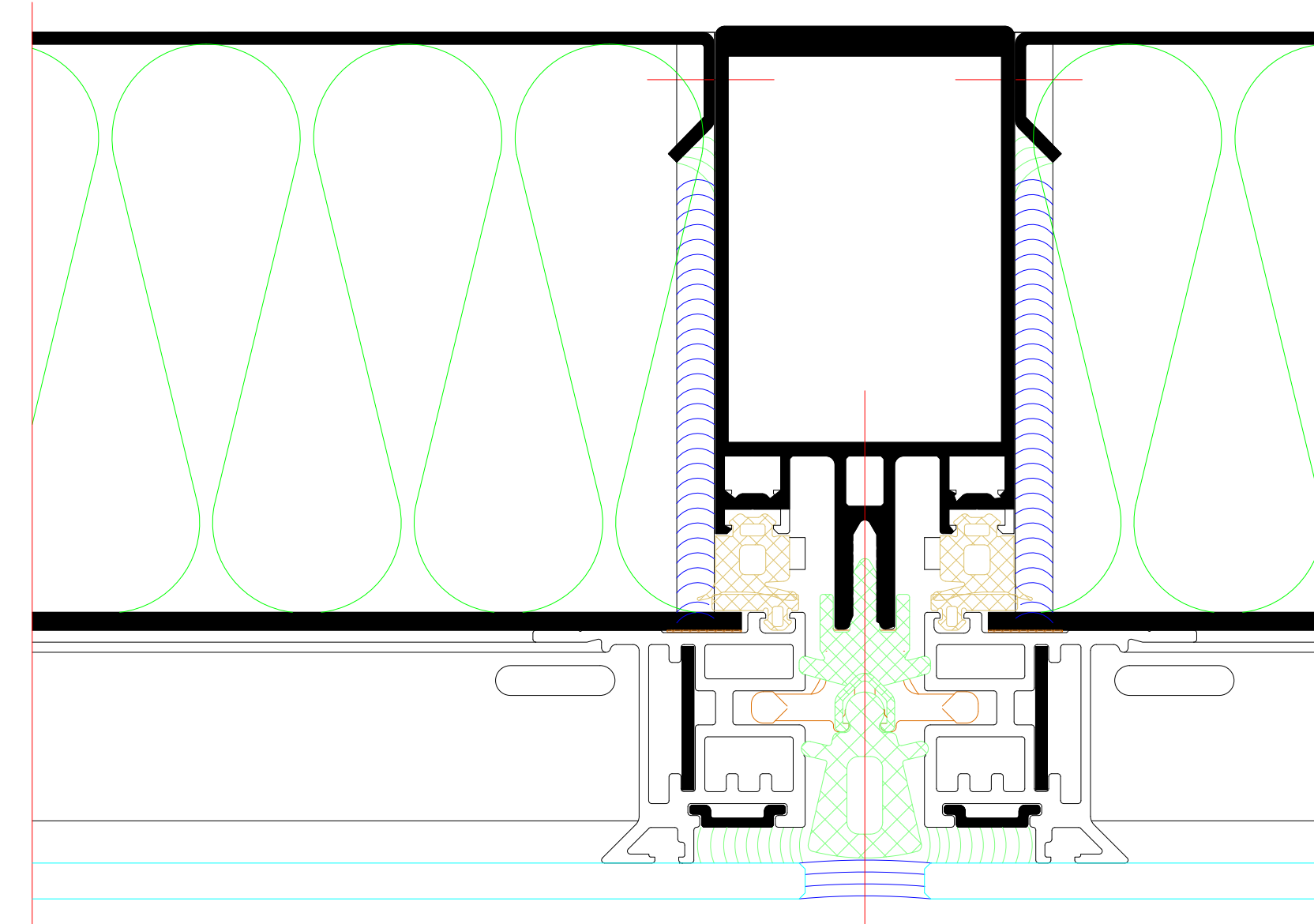
4

This technical cross-section diagram illustrates a window assembly with multiple layers of thermal insulation. The central window unit is surrounded by a thick, multi-layered frame. The insulation is depicted with various hatching patterns: blue wavy lines for the outermost layer, green cross-hatching for the middle layer, and orange cross-hatching for the innermost layer. The diagram also shows the structural components of the window, including the sash and the frame, and the surrounding wall structure. A vertical red line indicates the center of the assembly.



4

This technical cross-section diagram illustrates a window assembly with multiple layers of thermal insulation. The central window unit is surrounded by a thick, multi-layered frame. The insulation is depicted with various hatching patterns: blue wavy lines for the outermost layer, orange cross-hatching for the middle layer, and green cross-hatching for the innermost layer. The diagram also shows the structural components of the window frame, including the sash and the surrounding wall structure. The overall design emphasizes energy efficiency through the use of multiple insulation layers.



Segmentierung

Faceting

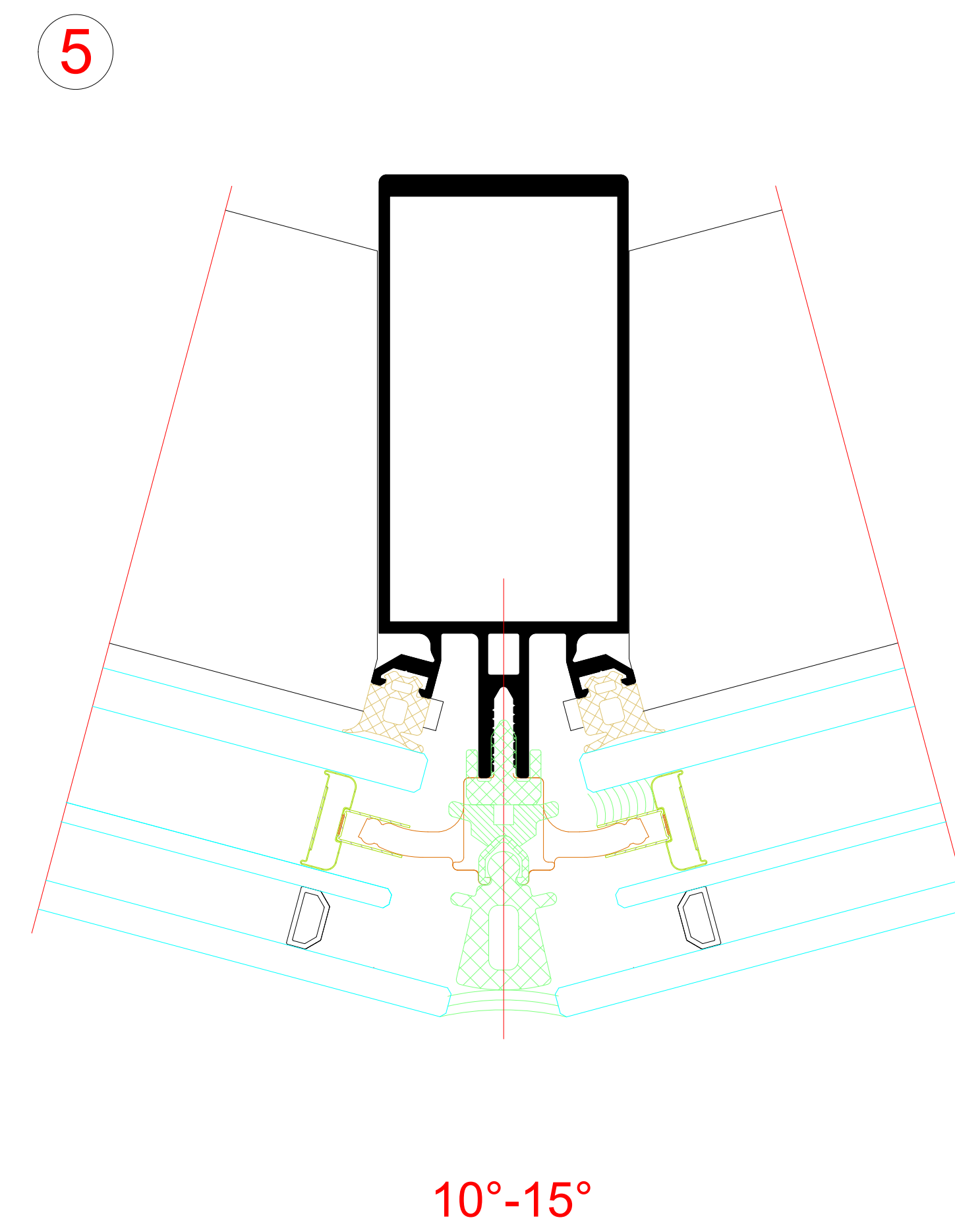
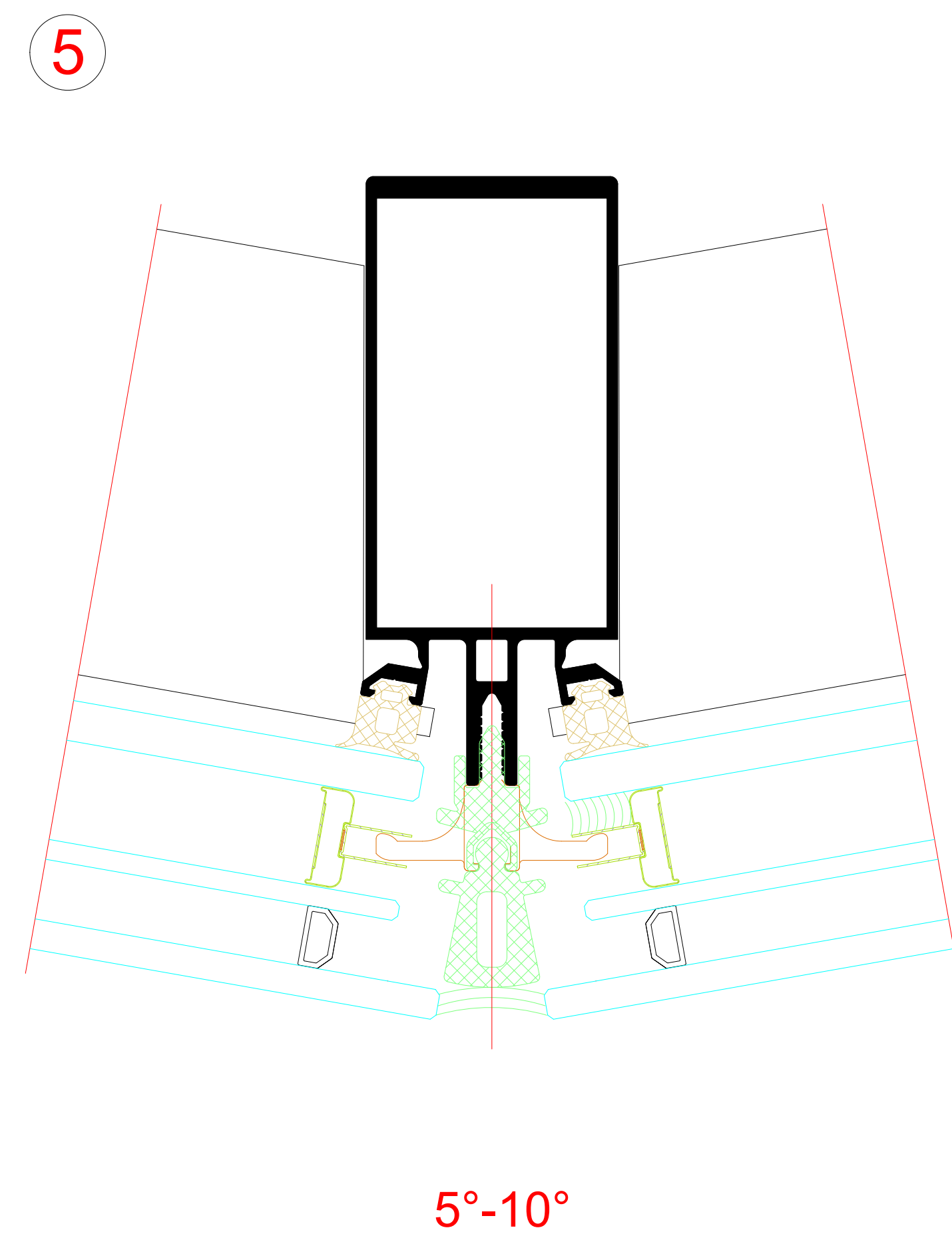
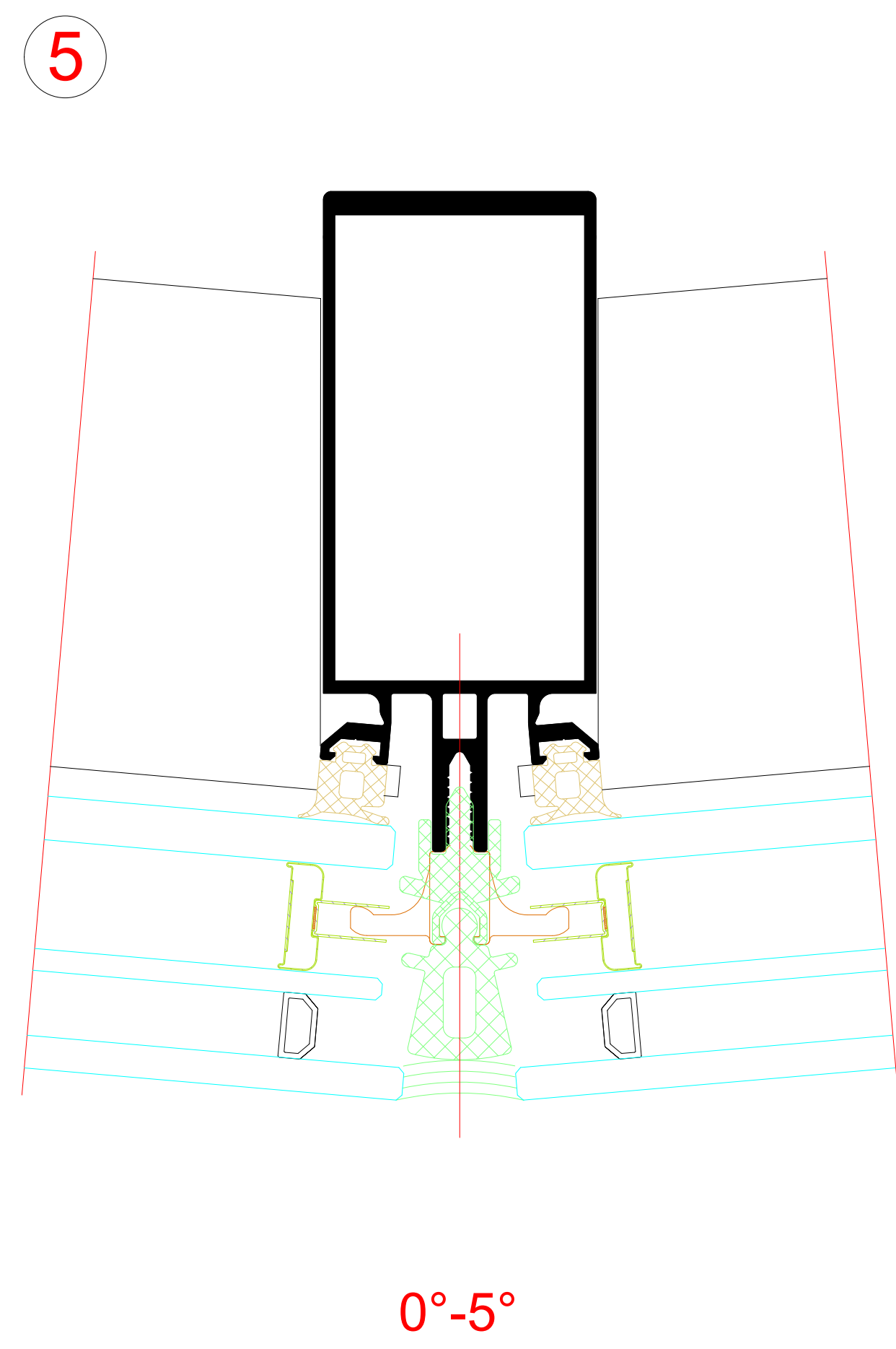
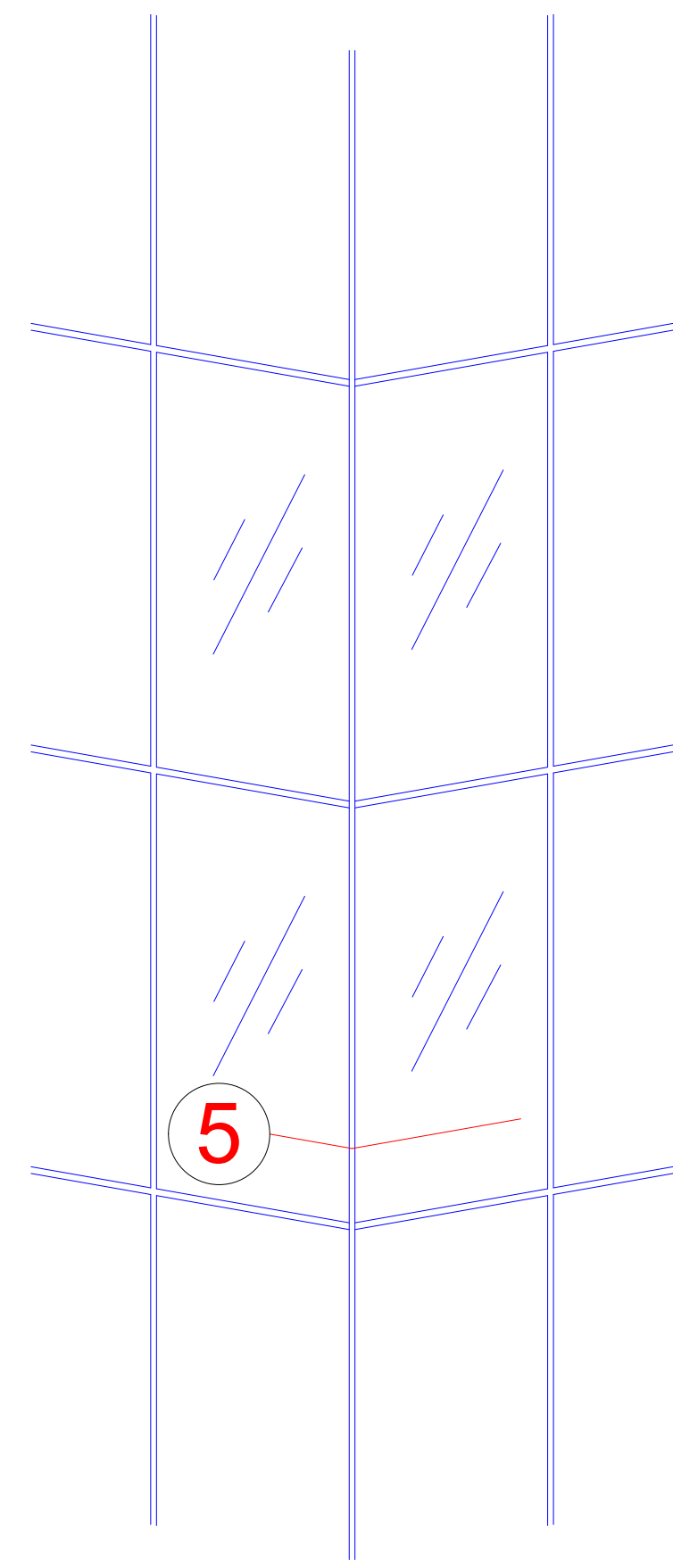
[illegible]

Diagram 6 shows a 3D cube with a red line connecting the bottom-left vertex to the top-right vertex of the front face.

The image contains two technical drawings of a window frame assembly. The top drawing is a side elevation showing a window frame with a black profile, a white interior, and a green cross-hatched area representing the frame's internal structure. The bottom drawing is a cross-section showing the window frame's profile, the white interior, and the green cross-hatched area. The cross-section also shows the window's sash and the surrounding wall structure, including a red line indicating the wall's edge and a yellow line indicating the window's depth.

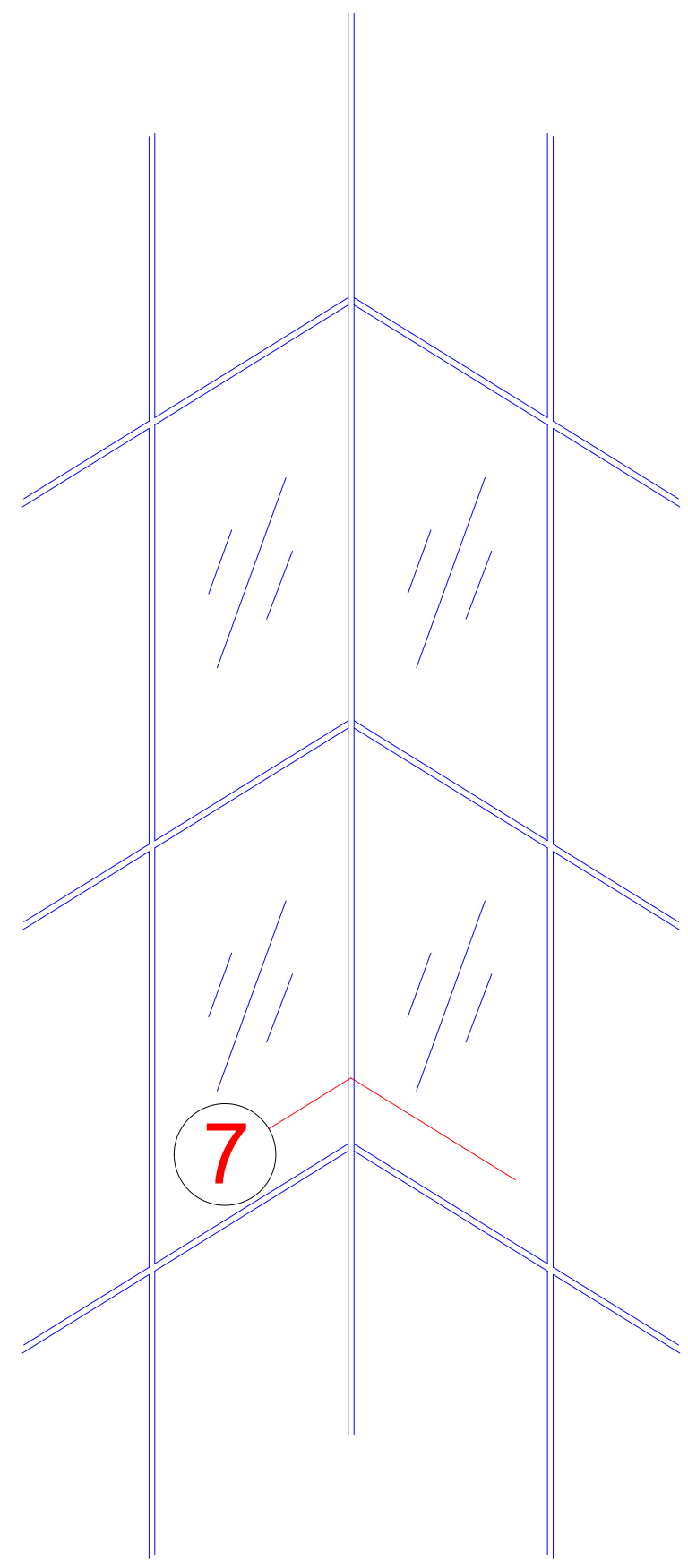
The image contains three technical drawings of a window frame:

- Top Left:** A cross-section of a window frame. It shows a black rectangular frame with a central opening. The frame is mounted on a wall. The wall is shown in cross-section with various layers: a blue hatched layer on the left, a green hatched layer in the middle, and a yellow hatched layer on the right. The frame is secured with screws into the wall.
- Top Right:** A perspective view of the window frame. It shows a black rectangular frame with a central opening. The frame is mounted on a wall. The wall is shown in perspective with various layers: a blue hatched layer on the left, a green hatched layer in the middle, and a yellow hatched layer on the right. The frame is secured with screws into the wall.
- Bottom:** A cross-section of a window frame. It shows a black rectangular frame with a central opening. The frame is mounted on a wall. The wall is shown in cross-section with various layers: a blue hatched layer on the left, a green hatched layer in the middle, and a yellow hatched layer on the right. The frame is secured with screws into the wall.

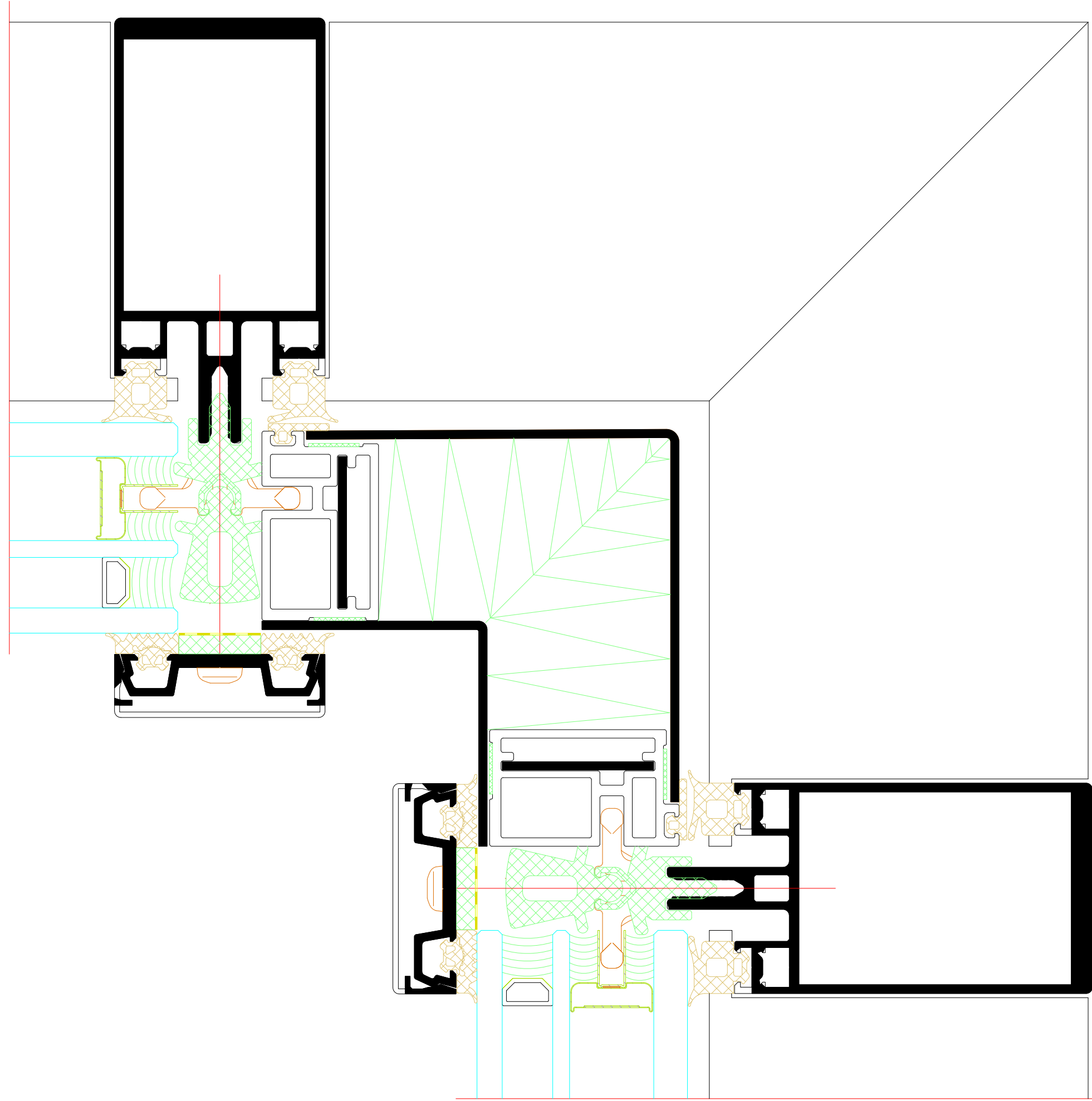
6

Technical drawing of a roof connection detail for a flat roof with a parapet wall. The drawing shows a cross-section of the roof assembly, including the parapet wall, insulation, and waterproofing layers. A central vertical pipe or duct is shown passing through the roof. The drawing is labeled with '6' in a circle.

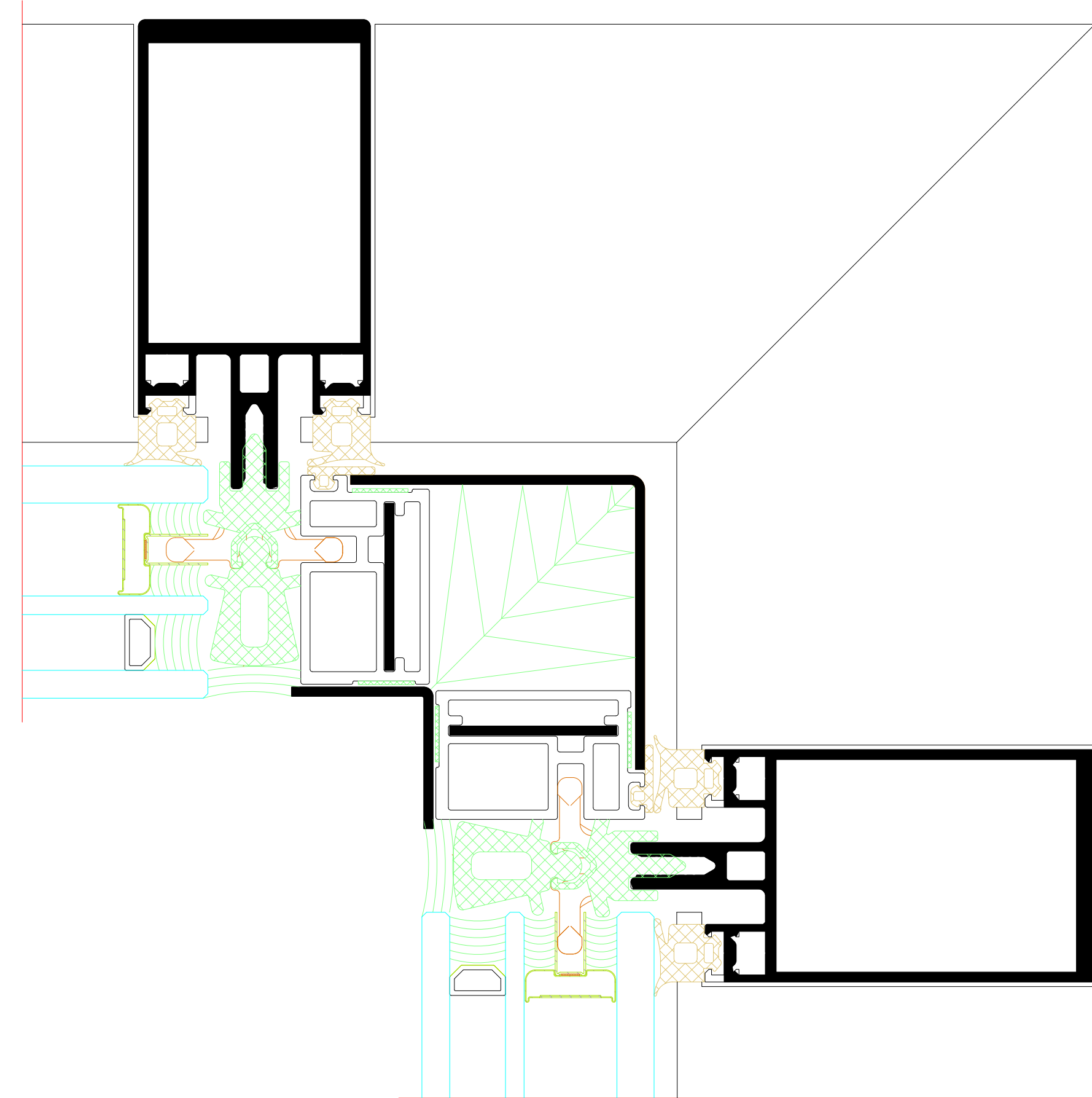
90° inner corner



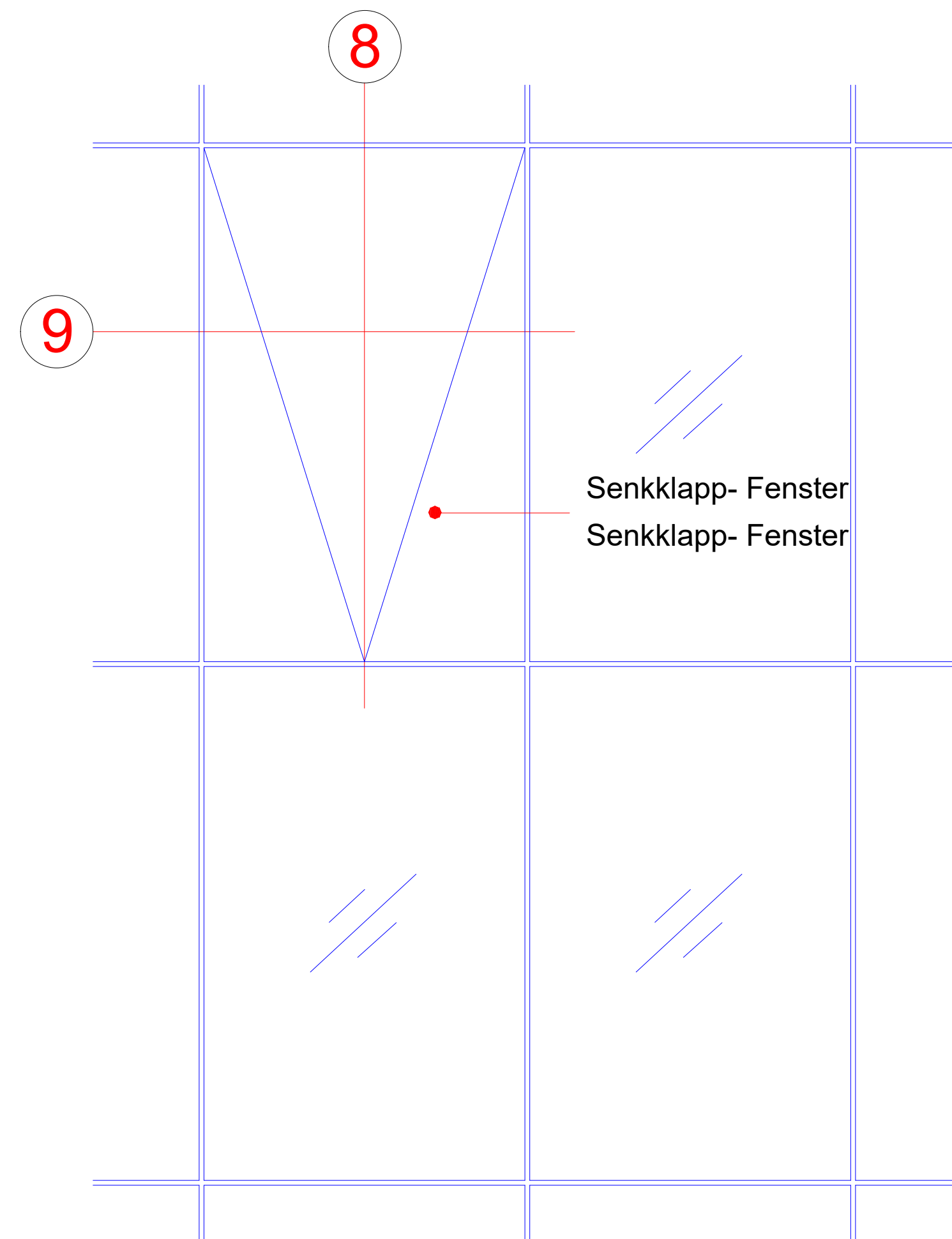
7 vertikale Betonung
Vertical emphasis



7 Nassversiegelung
Wet sealing

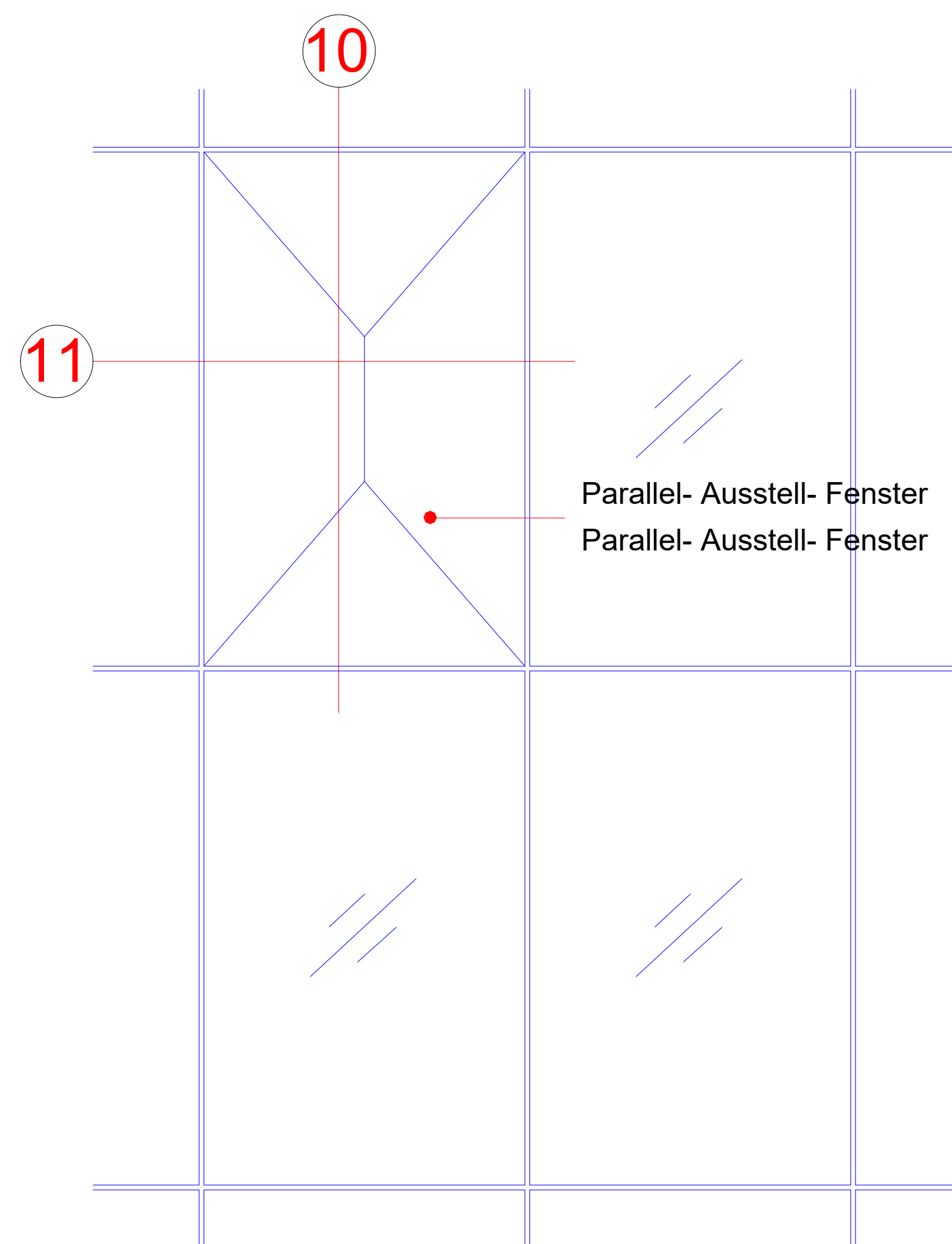
[illegible]

Einsatzelement AWS 102 SG.SI



ohne Glashalterahmen
ohne Glashalterahmen

Einsatzelement AWS 102 SG.SI



ohne Glashalterahmen
ohne Glashalterahmen

Technische Informationen AWS 114 SG.SI manuell

Technische Informationen AWS 114 SG.SI manuell

Prüfungen und Normen

Prüfungen und Normen

Luftschalldämmung nach EN ISO 717-1	37 dB
Luftschalldämmung nach EN ISO 717-1	
Wärmedämmung nach DIN EN ISO 10077-2	Uf = 1,9 - 2,8 W/(m²K)
Wärmedämmung nach DIN EN ISO 10077-2	
Luftdurchlässigkeit nach DIN EN 12207 *	Klasse 4
Luftdurchlässigkeit nach DIN EN 12207	Klasse 4
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Stoßfestigkeit nach EN 13049	Klasse 4
Stoßfestigkeit nach EN 13049	Klasse 4
Einbruchhemmung nach DIN EN V 1627	Klasse RC2
Einbruchhemmung nach DIN EN V 1627	Klasse RC2

- * Objektbezogener Nachweis - wenn erforderlich
- Objektbezogener Nachweis - wenn erforderlich

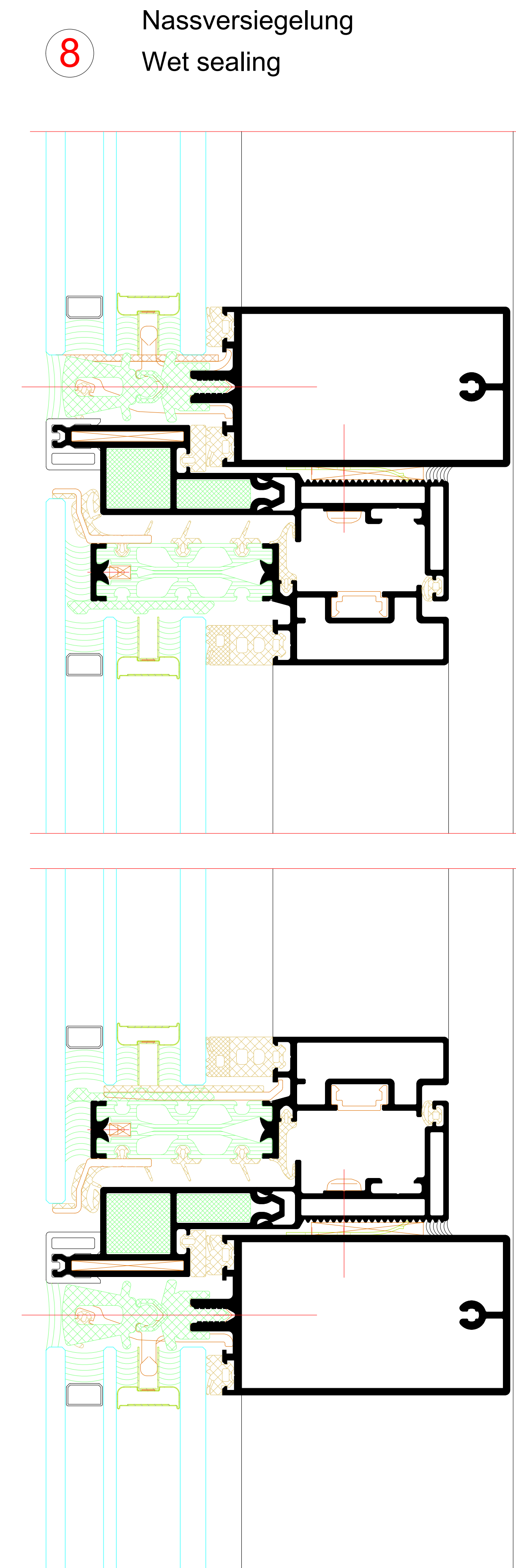
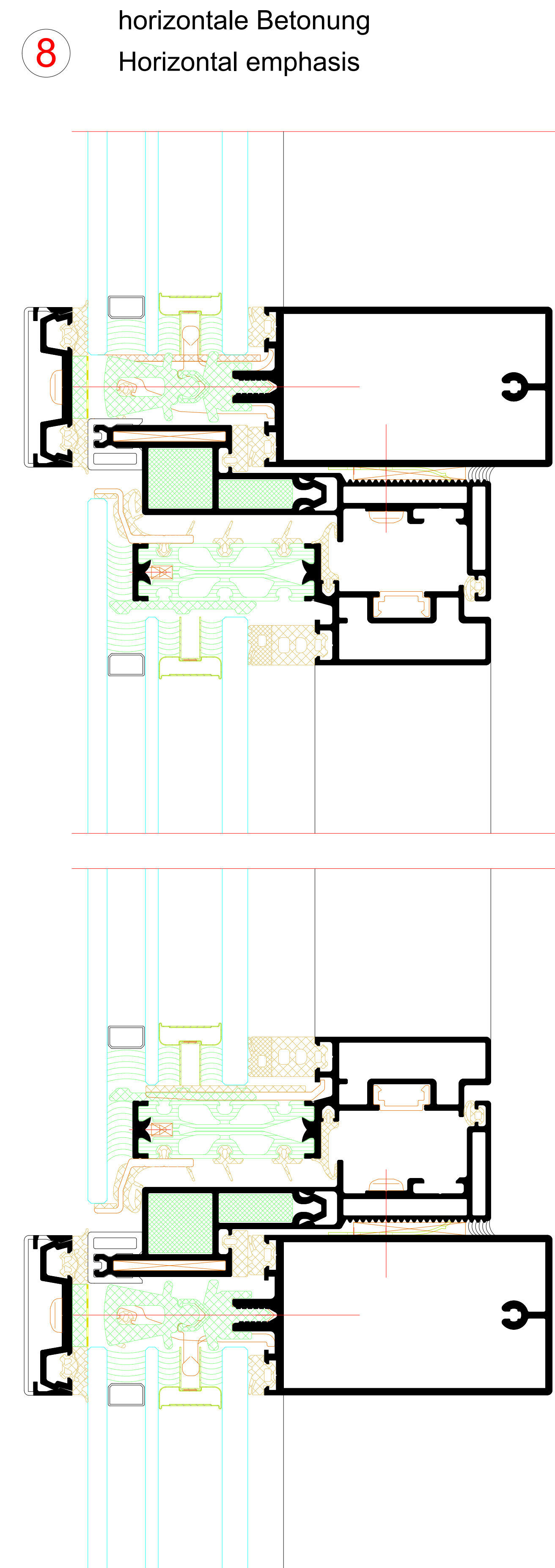
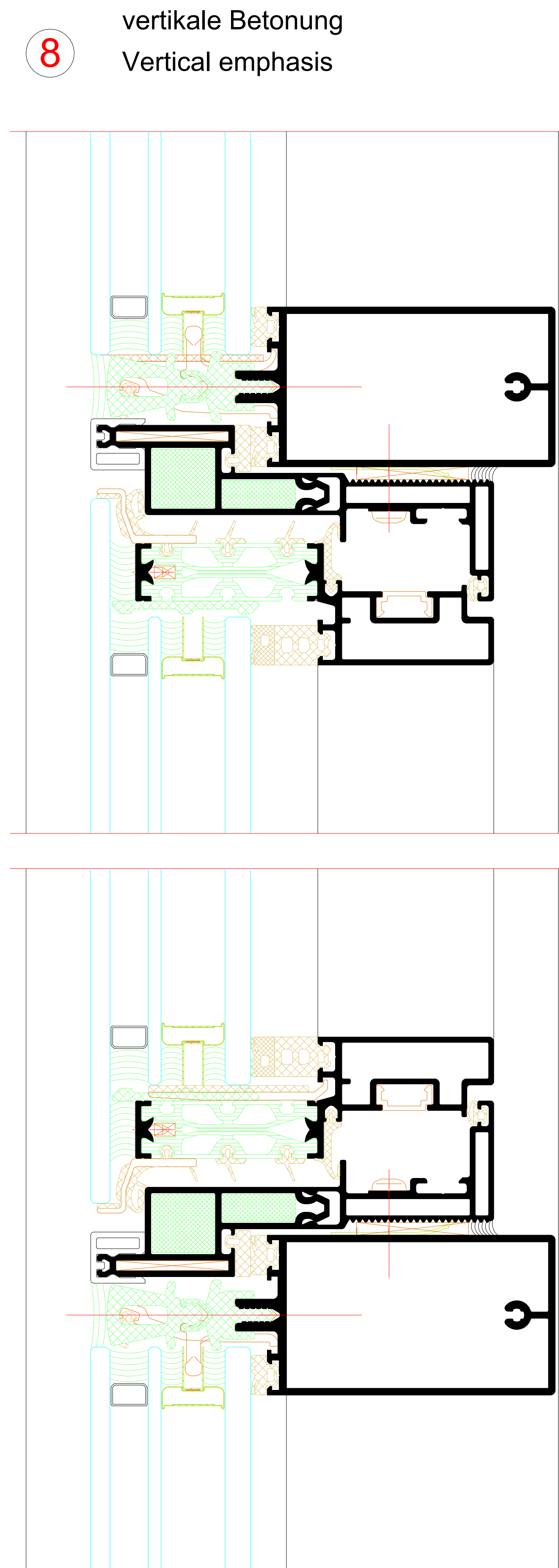
- **** Die Angaben beschreiben die Bestwerte des Gesamtsystems. Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder Elementkombination sind im Einzelfall anhand der ausführlichen Prüfdocumentation zu bestimmen.

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Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

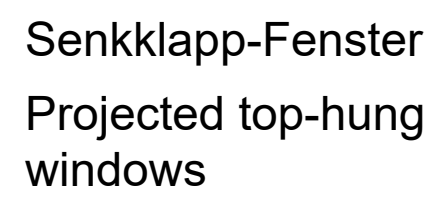
Tabellenwerte für Variante ohne Halterahmen

Tabellenwerte für Variante ohne Halterahmen

ohne Glashalterahmen
Without glass retention frame

[illegible]

AWS 114 SG.SI insert unit



ohne Glashalterahmen
Without glass retention frame

Vertical emphasis

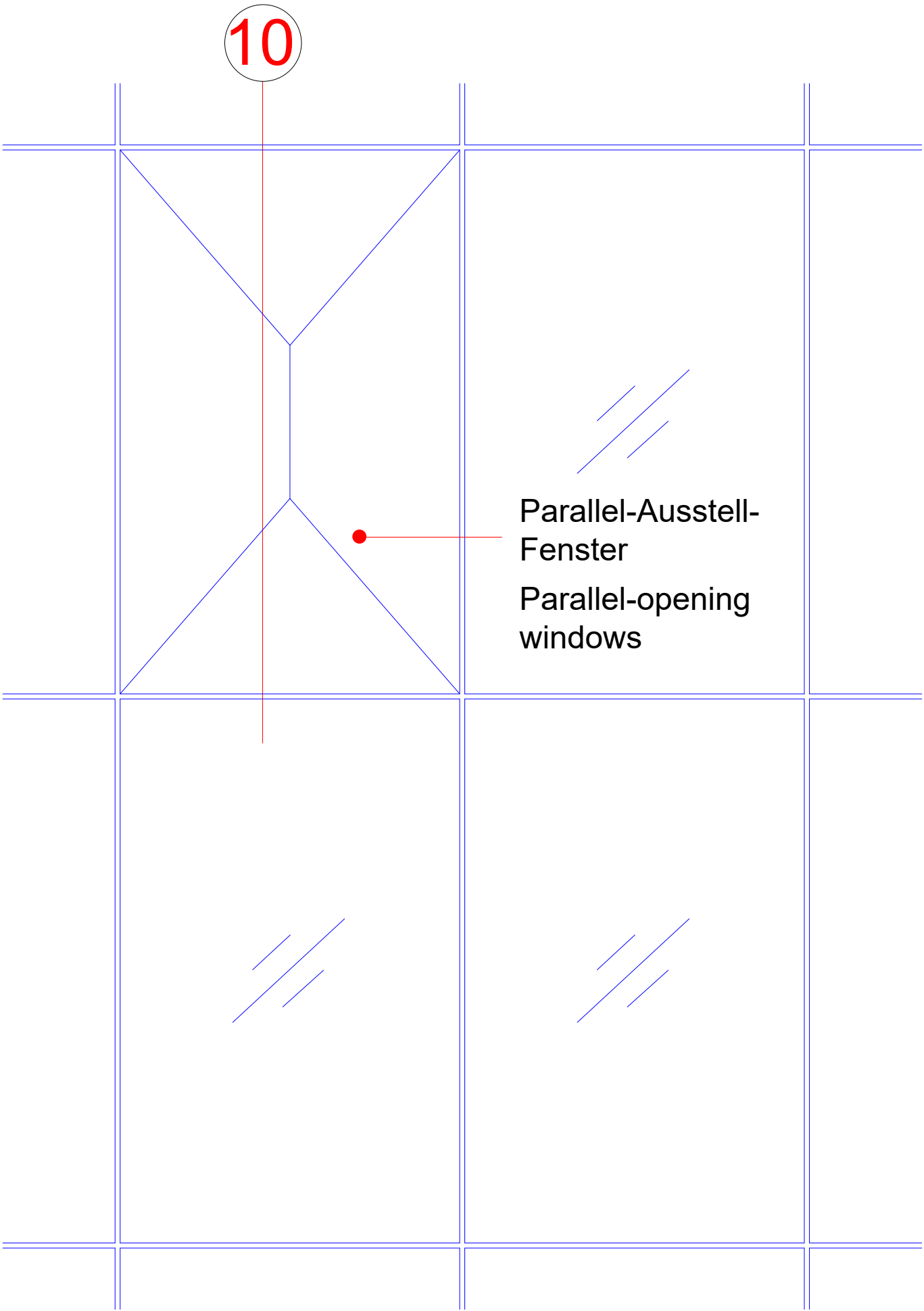


Horizontal emphasis



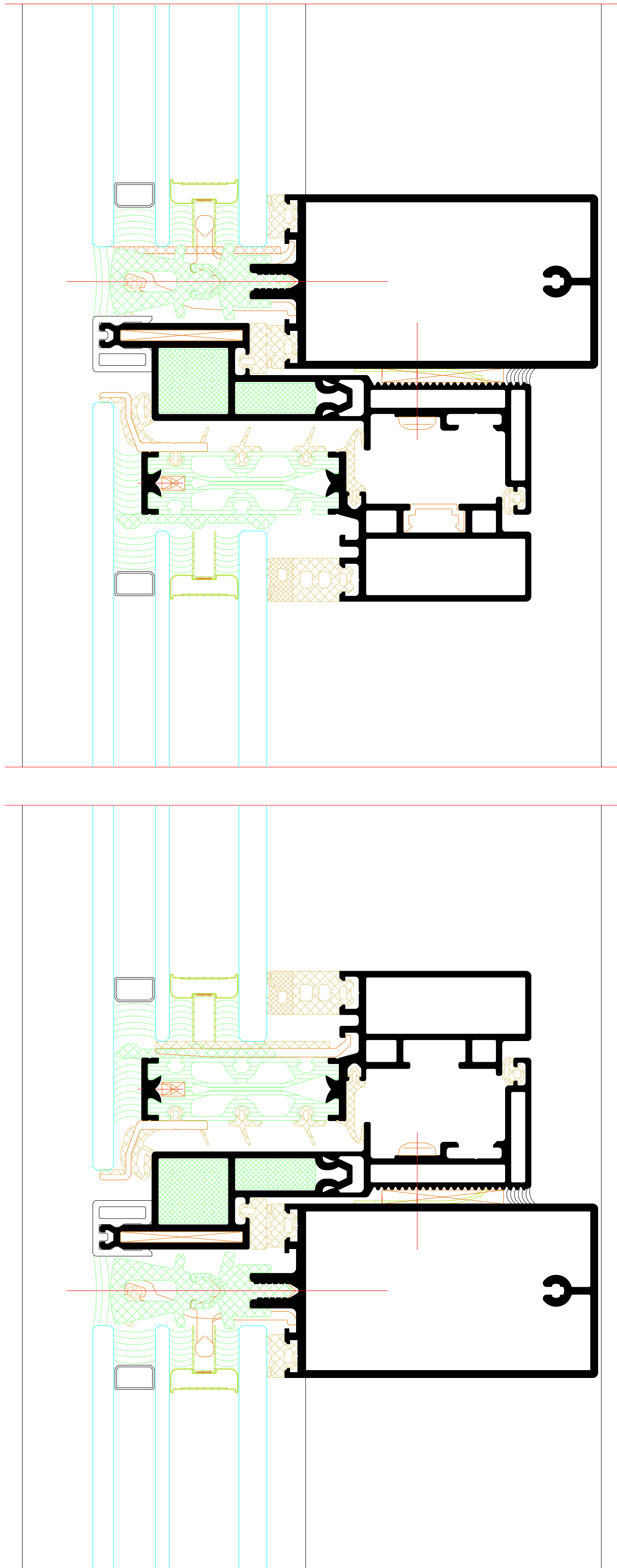
Wet sealing

Einsatzelement AWS 114 SG.SI
AWS 114 SG.SI insert unit

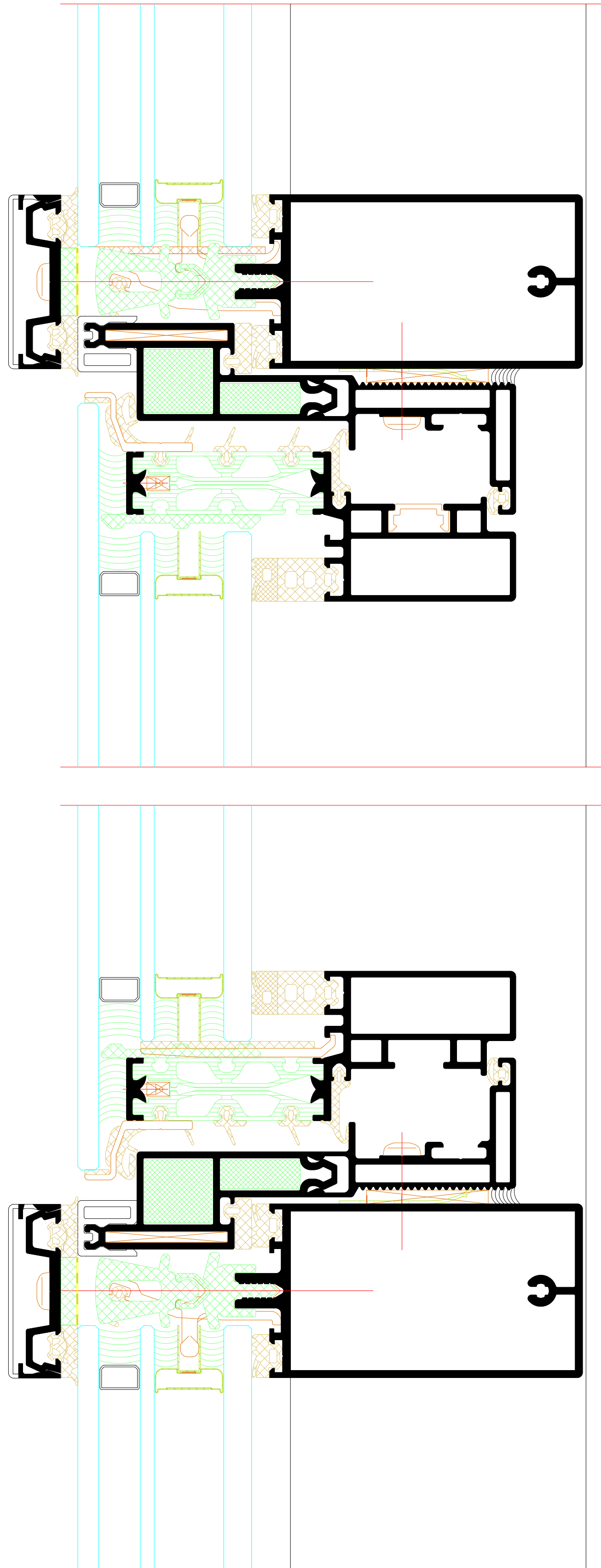


ohne Glashalterahmen
Without glass retention frame

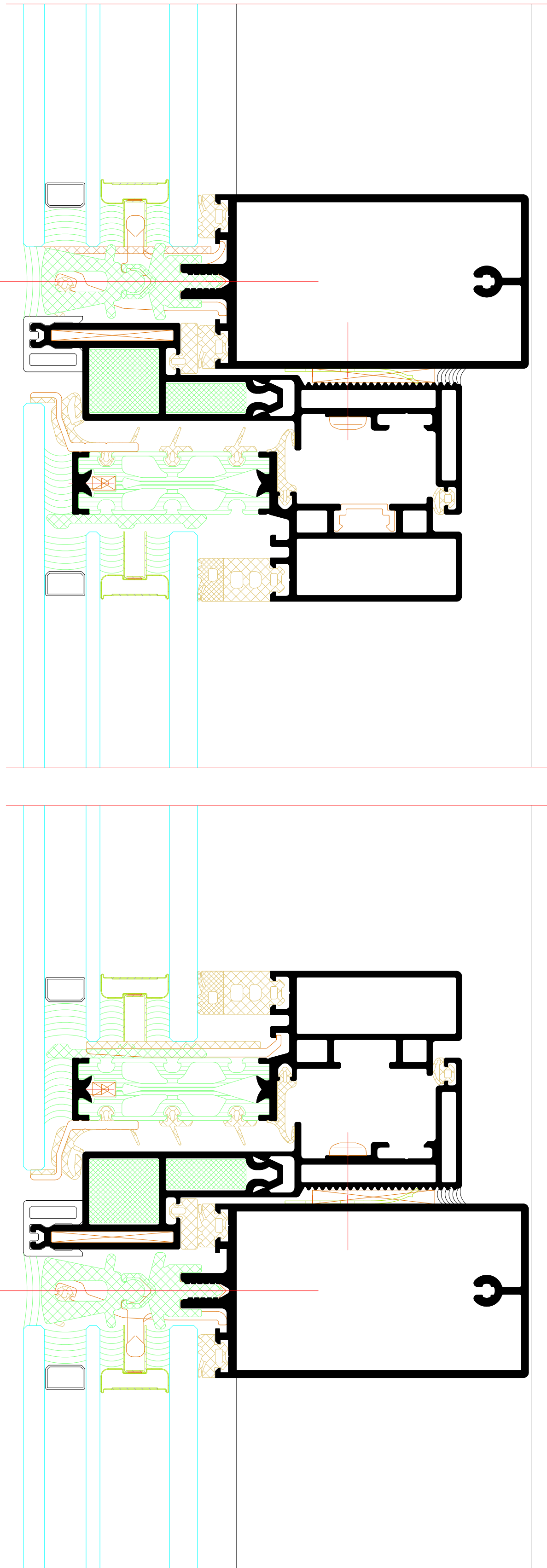
10 vertikale Betonung
Vertical emphasis



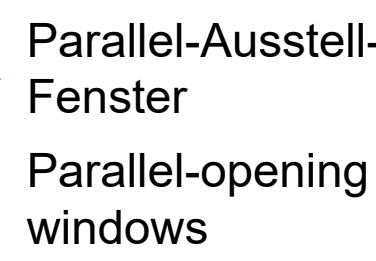
10 horizontale Betonung
Horizontal emphasis



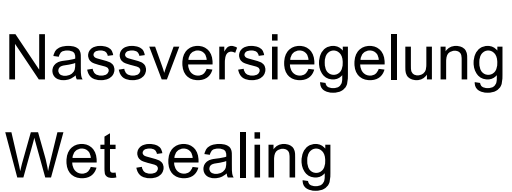
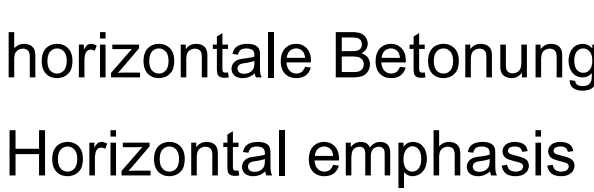
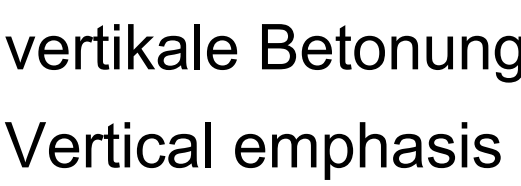
10 Nassversiegelung
Wet sealing



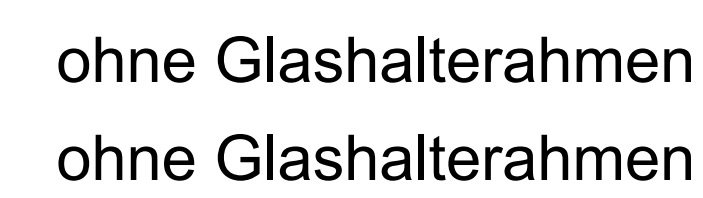
AWS 114 SG.SI insert unit



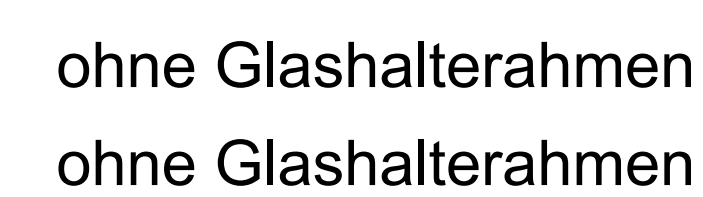
Without glass retention frame

[illegible]

Einsatzelement AWS 114 SG.SI Tip Tronic



Einsatzelement AWS 114 SG.SI Tip Tronic



Technische Informationen AWS 114 SG.SI Tip Tronic

Prüfungen und Normen

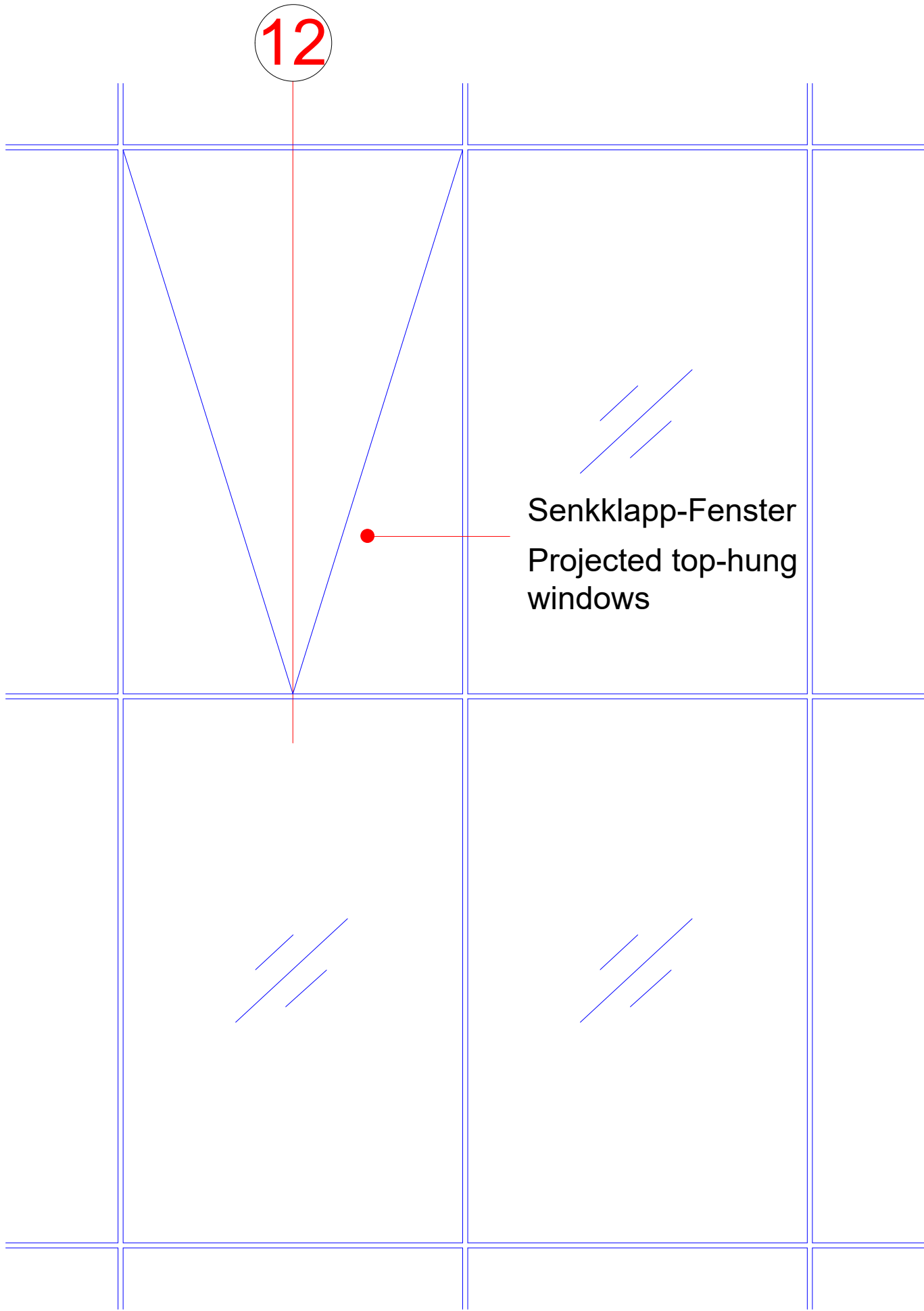
- * Objektbezogener Nachweis - wenn erforderlich
- Objektbezogener Nachweis - wenn erforderlich

Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

Tabellenwerte für Variante ohne Halterahmen

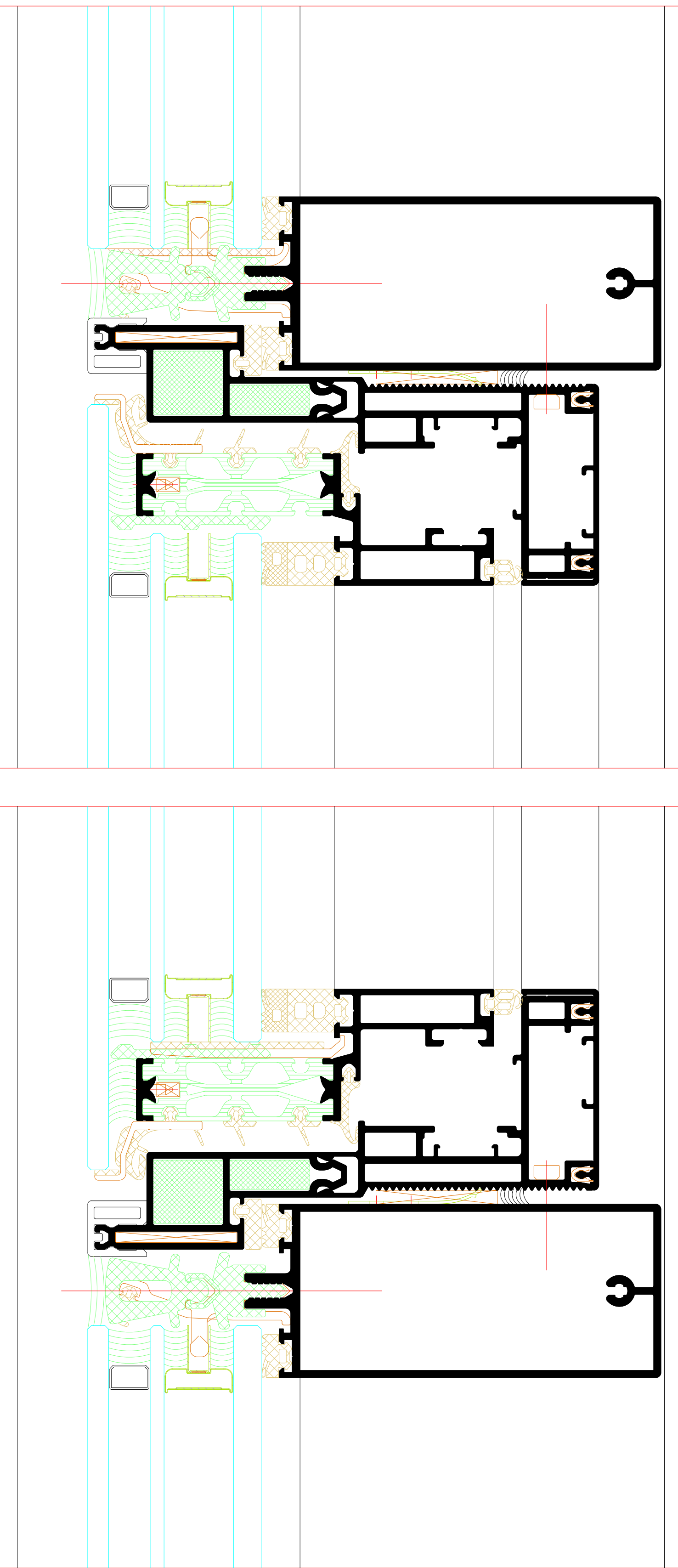
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Einsatzelement AWS 114 SG.SI Tip Tronic
AWS 114 SG.SI TipTronic insert unit

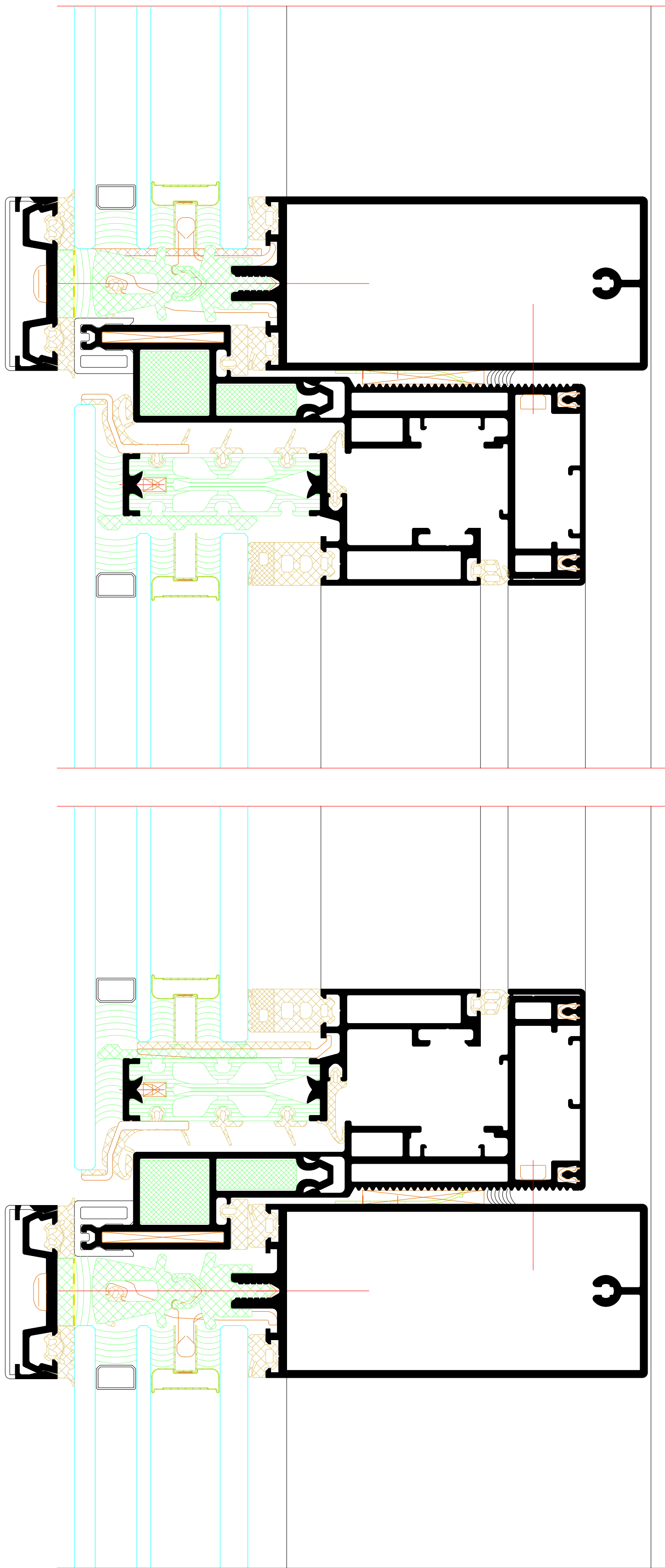


ohne Glashalterahmen
Without glass retention frame

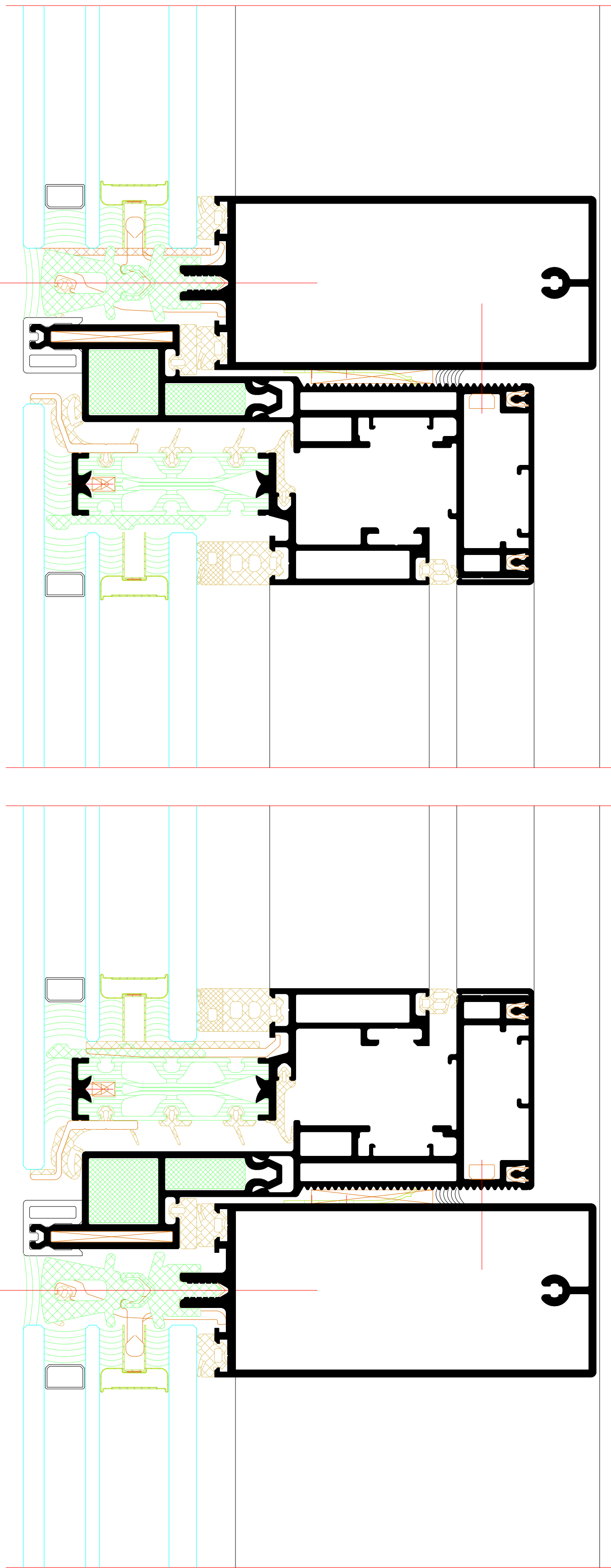
12 vertikale Betonung
Vertical emphasis



12 horizontale Betonung
Horizontal emphasis



12 Nassversiegelung
Wet sealing



Senkkklapp-Fenster
Projected top-hung windows

The diagram shows a 3x3 grid of squares. The top-middle square contains a projected top-hung window, represented by a large 'V' shape. A red dot is placed on the right vertical line of the 'V', with a red line pointing to the text 'Senkkklapp-Fenster' and 'Projected top-hung windows'. A red line also extends from the left edge of the grid, passing through the top-middle square. The bottom-middle and bottom-right squares each contain a small icon of a window with diagonal lines, representing a standard window.

ohne Glashalterahmen
Without glass retention frame

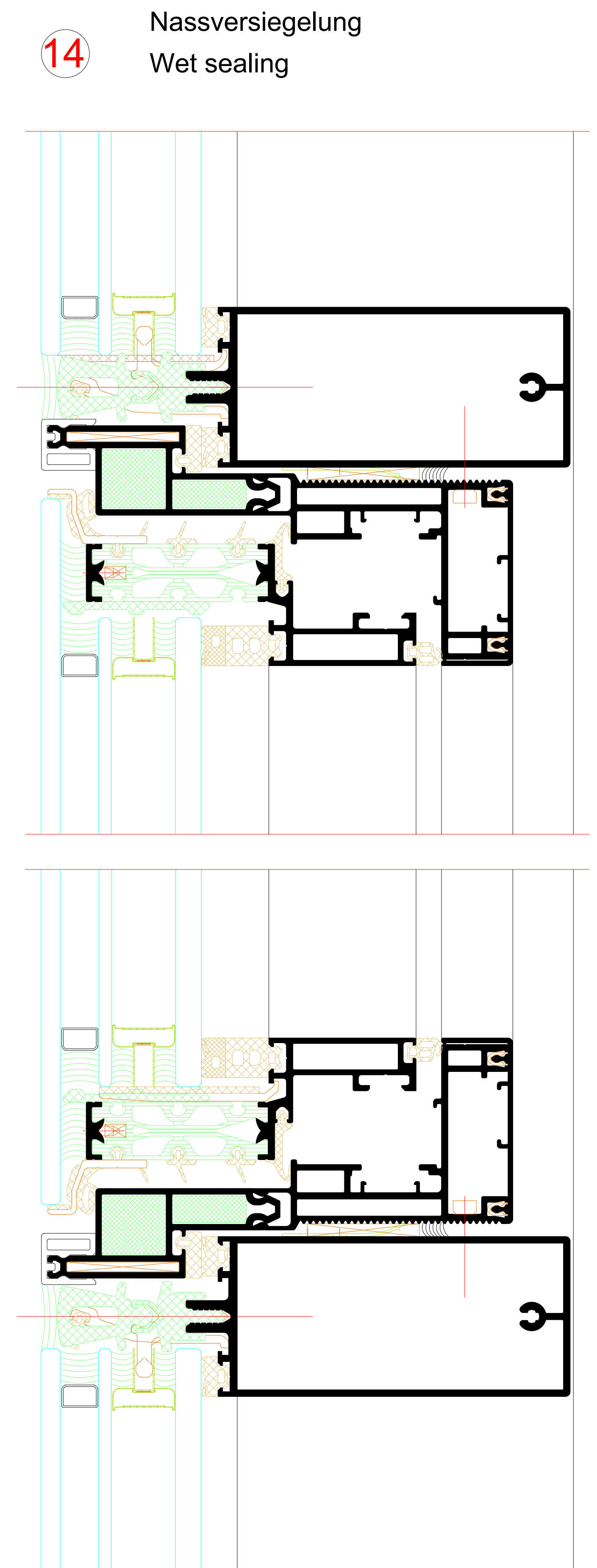
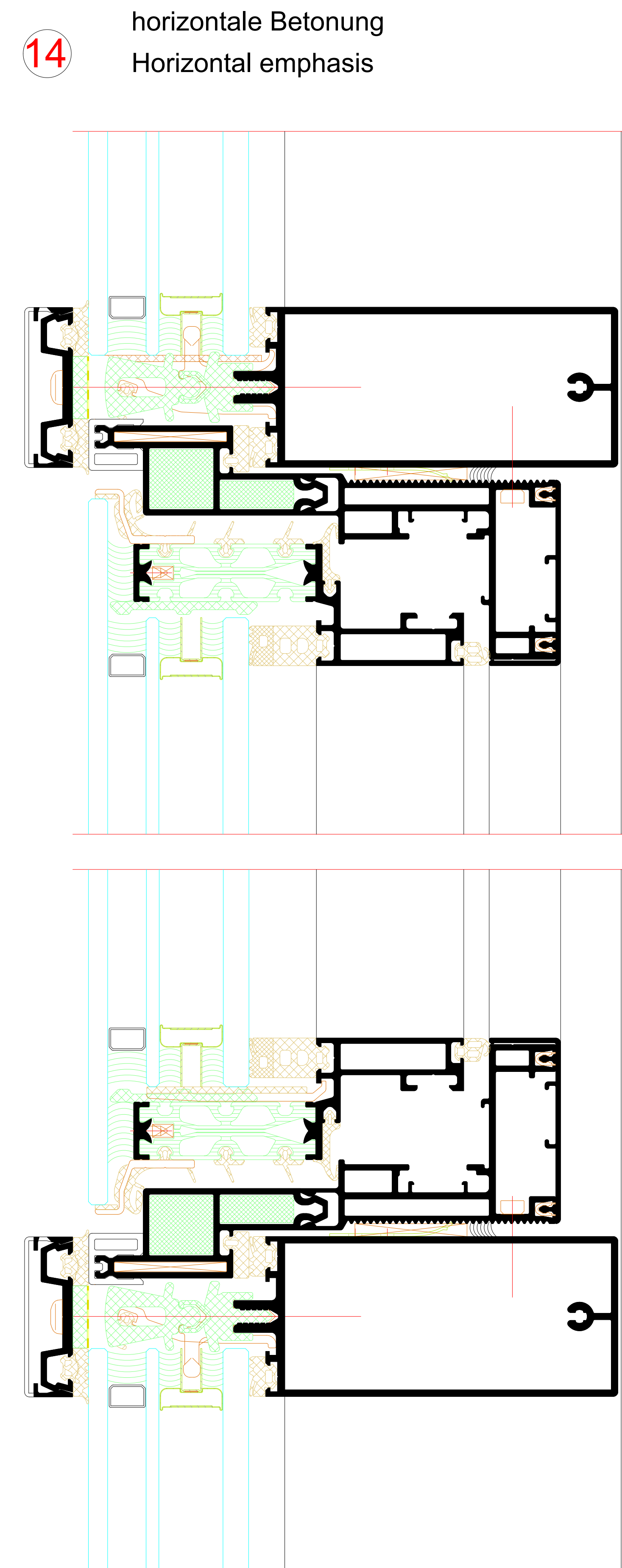
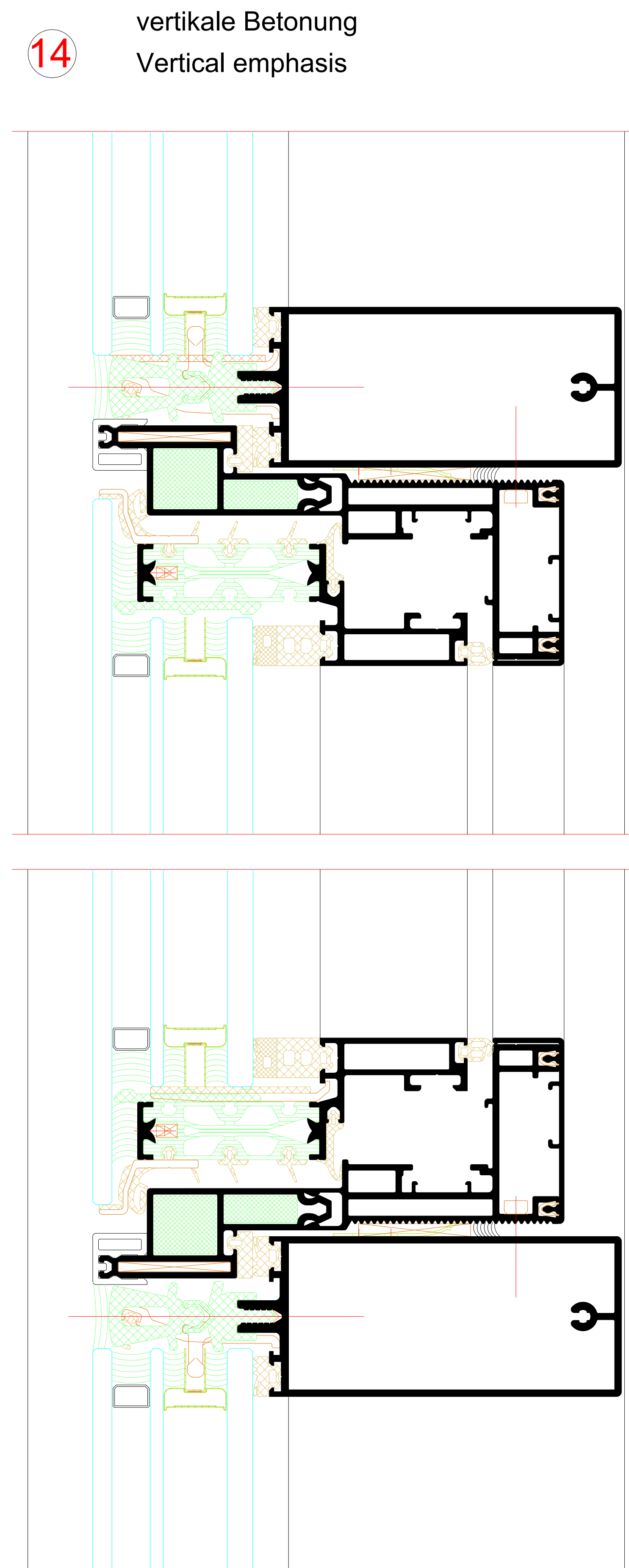
This architectural floor plan shows a building layout oriented vertically. At the top is a large, empty rectangular space, possibly a courtyard or a large hall. Below this is a complex arrangement of rooms. On the left side, there is a kitchen area with a sink and stove, and a bathroom. The central part of the plan features a large, open area with a green cross-hatched pattern, which could be a garden or a large indoor space. To the right of this central area are several smaller rooms, including what appears to be a living area with a fireplace and a bedroom. The plan is detailed with walls, doors, and furniture, and includes a north arrow pointing upwards.

This architectural section drawing illustrates a building's internal structure and spatial organization. The drawing is oriented vertically, with the top of the building at the top of the page. A large, rectangular hall with a green floor occupies the upper portion of the drawing. To the left of this hall is a staircase with a green floor, leading down to a lower level. The lower level features a large window and a green floor. The drawing includes various structural elements such as walls, floors, and stairs, with different hatching patterns used to distinguish between materials and levels. A red line runs vertically through the center of the drawing, likely indicating a section line. The drawing is a technical representation of a building's internal structure and spatial organization.

14

Parallel-Ausstell-Fenster
Parallel-opening windows

ohne Glashalterahmen
Without glass retention frame



Parallel-Ausstell-Fenster

Parallel-opening windows

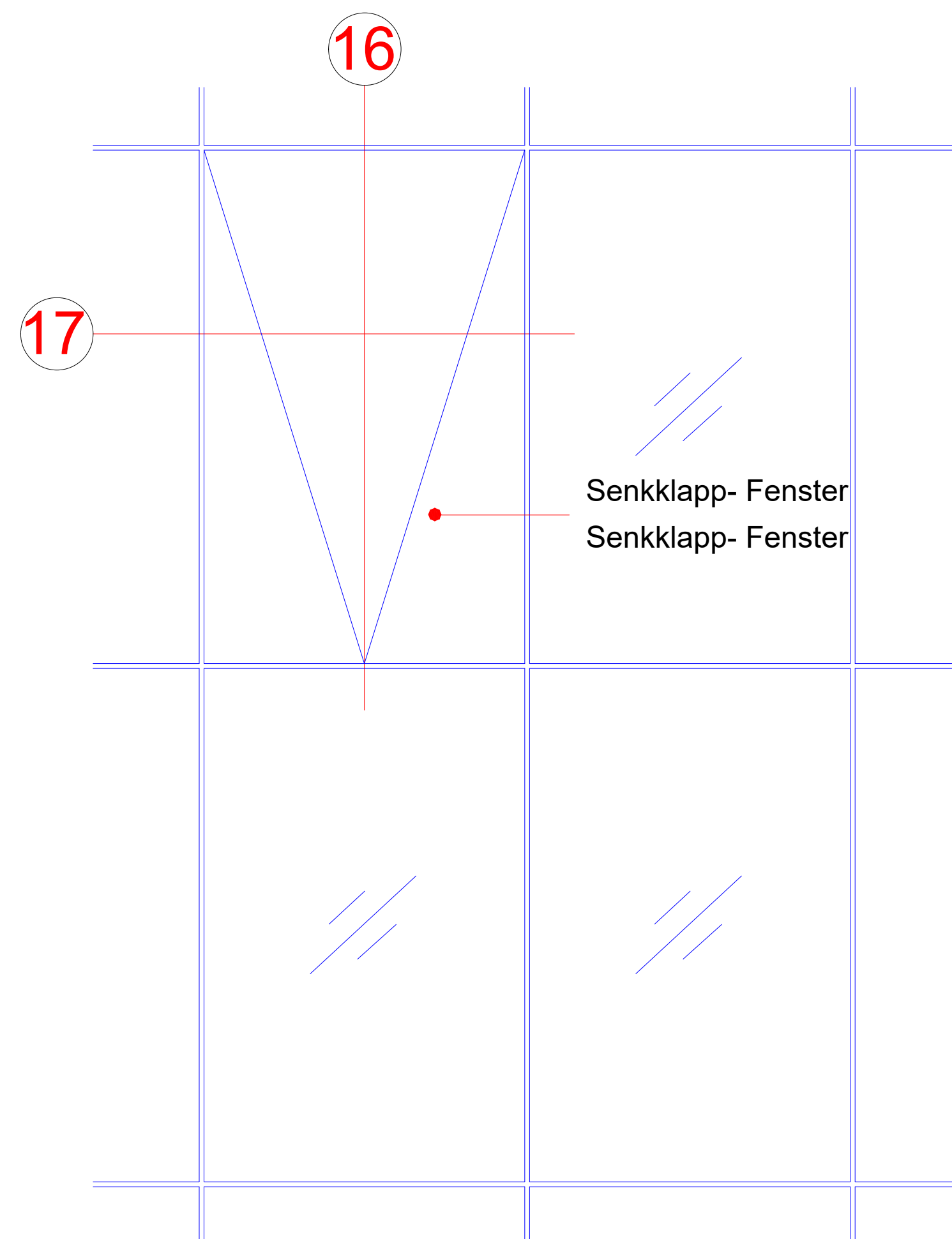
ohne Glashalterahmen
Without glass retention frame

This architectural section drawing illustrates a building's internal structure and floor levels. A large hall with a green cross-hatched floor is shown, featuring a red vertical line and a yellow horizontal line. The drawing includes various structural elements such as walls, doors, and stairs, with different colors and patterns used to distinguish between different materials and levels. The drawing is oriented vertically, with the top of the building at the bottom of the page.

This architectural section drawing illustrates a building's internal structure. A large, open hall is shown on the right, while a smaller, more complex room is on the left. A prominent red line runs vertically through the center, likely indicating a structural axis or a specific functional boundary. The drawing uses various hatching and shading to represent different materials and components, such as walls, floors, and furniture. The overall style is technical and precise, typical of architectural blueprints.

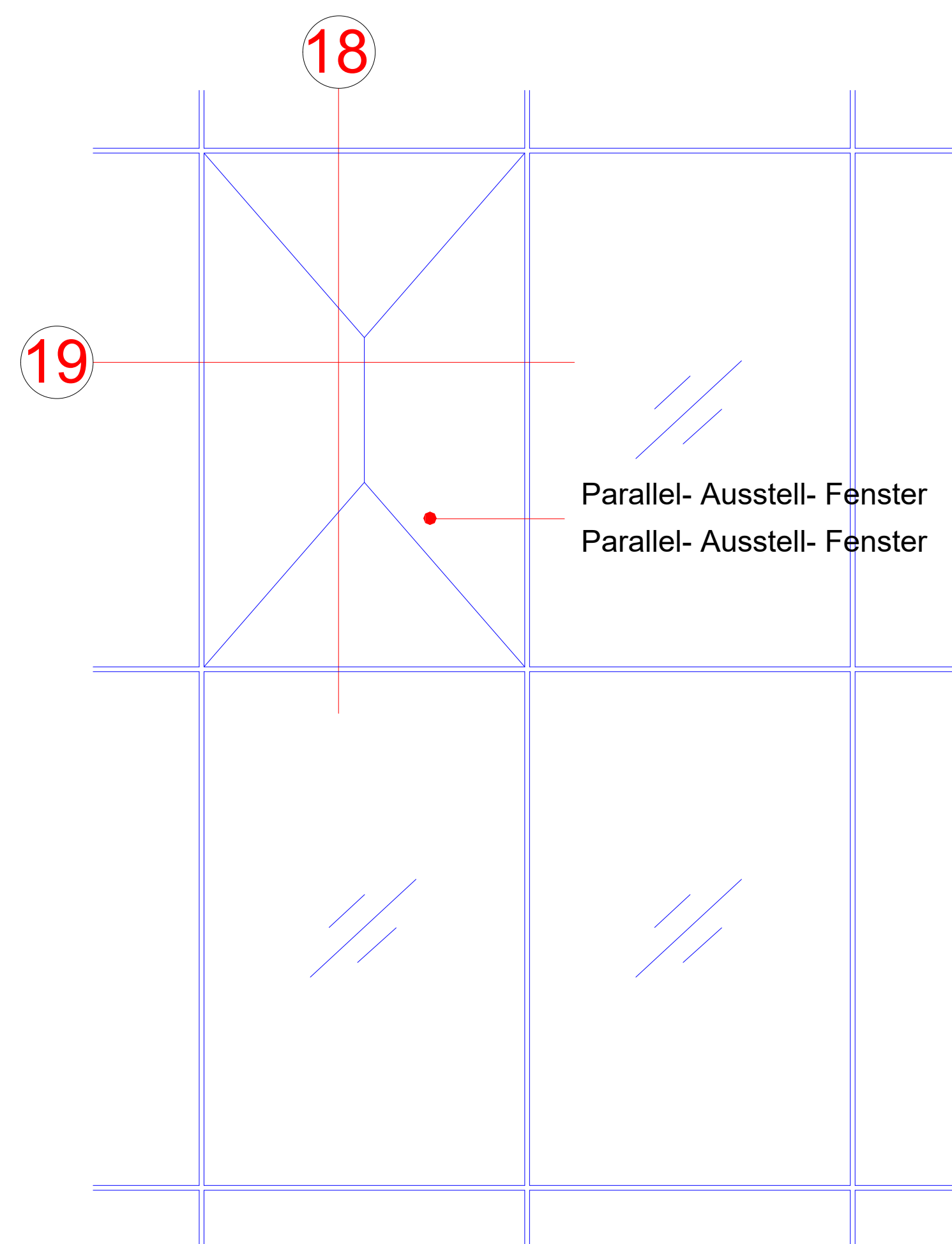
This architectural section drawing illustrates the internal layout of a building. The drawing shows a large central hall with a high ceiling, supported by columns. To the left of the hall, there are several smaller rooms, including what appears to be a kitchen or service area with a sink and stove, and a bathroom. The drawing uses various hatching patterns to indicate different materials and structural elements, such as walls, floors, and roof structures. The overall design suggests a functional and spacious interior environment.

Einsatzelement AWS 102 SG.SI



Einsatzelement AWS 102 SG.SI

Einsatzelement AWS 102 SG.SI



**BENEDICT
+ RIVA**

Technische Informationen AWS 114 SG.SI manuell

Prüfungen und Normen

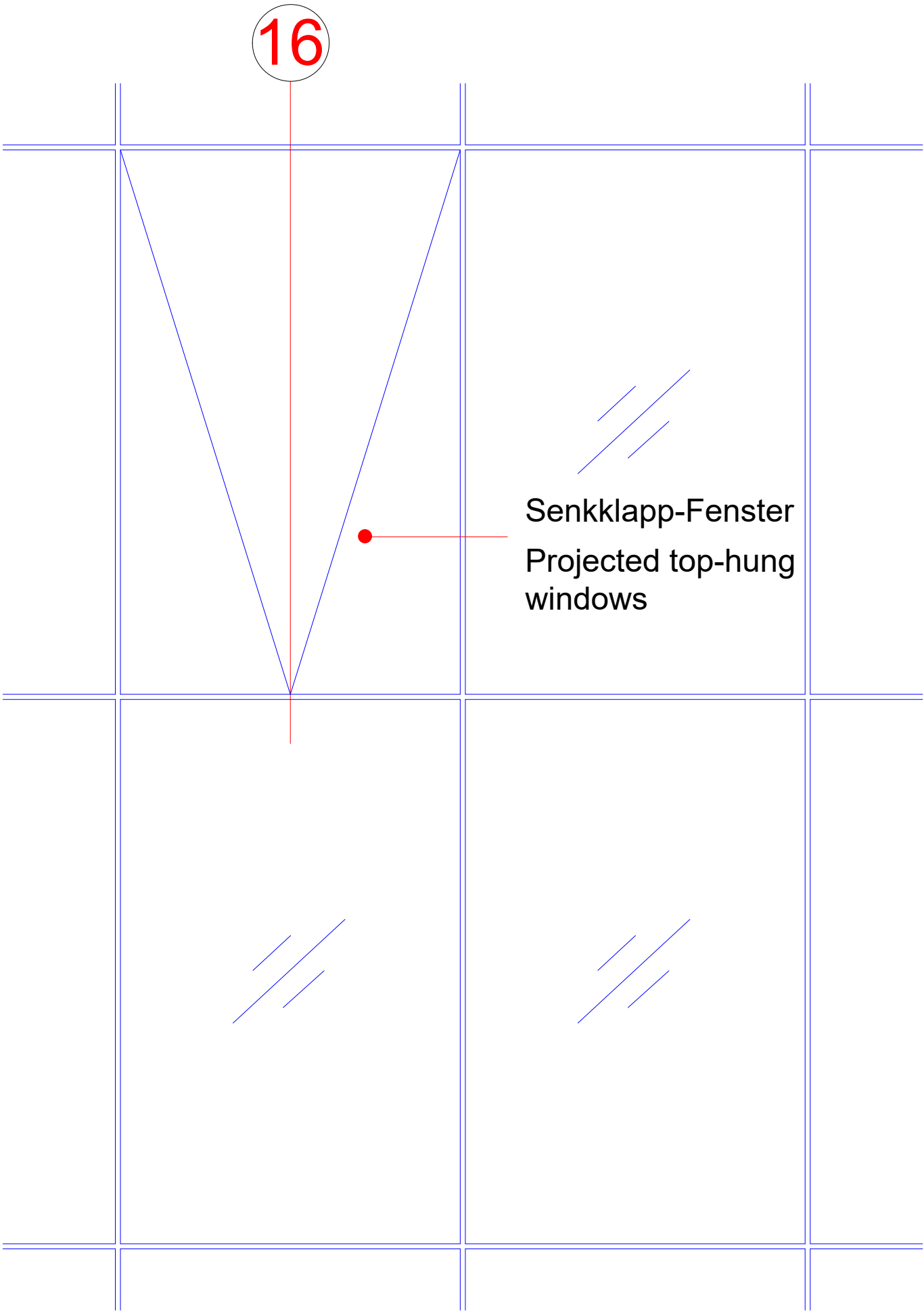
Luftschalldämmung nach EN ISO 717-1	37 dB
Luftschalldämmung nach EN ISO 717-1	
Wärmedämmung nach DIN EN ISO 10077-2	Uf = 1,8 - 2,8 W/(m²K)
Wärmedämmung nach DIN EN ISO 10077-2	
Luftdurchlässigkeit nach DIN EN 12207 *	Klasse 4
Luftdurchlässigkeit nach DIN EN 12207	Klasse 4
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Stoßfestigkeit nach EN 13049	Klasse 4
Stoßfestigkeit nach EN 13049	Klasse 4
Einbruchhemmung nach DIN EN V 1627	Klasse RC2
Einbruchhemmung nach DIN EN V 1627	Klasse RC2

- Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

Tabellenwerte für Variante mit Glashalterahmen

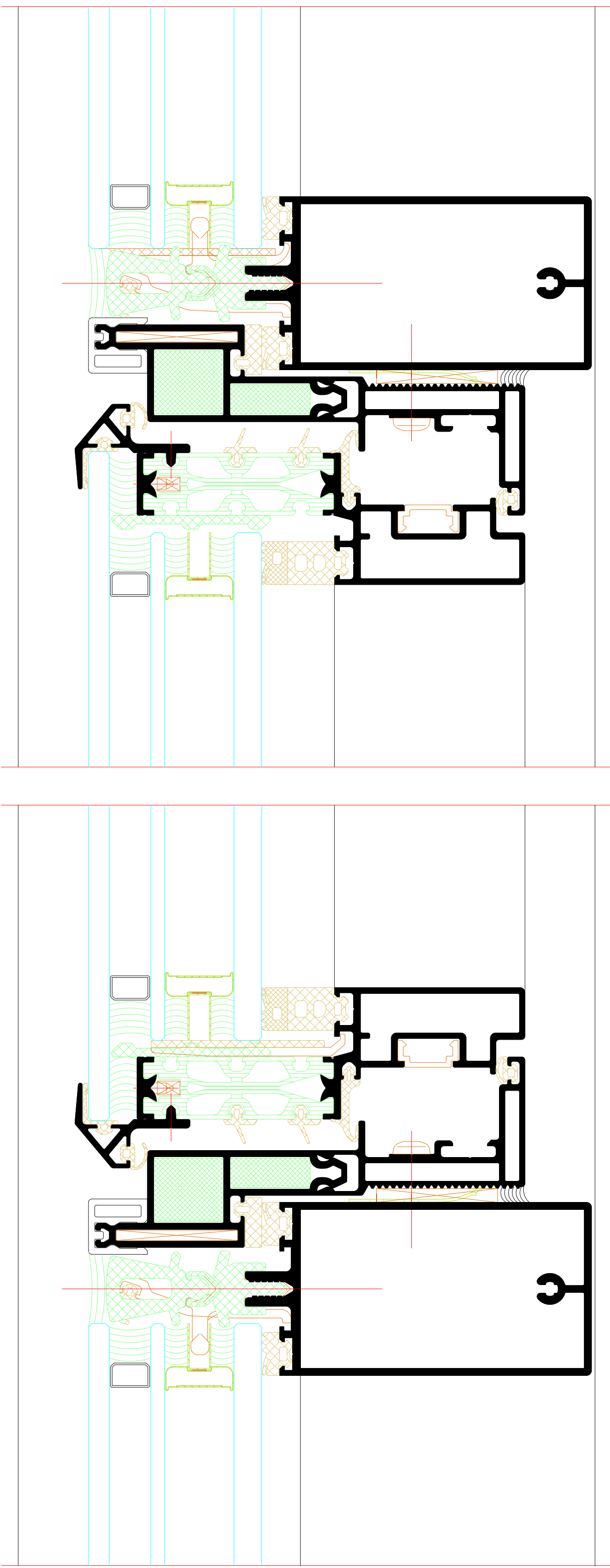
[illegible]

Einsatzelement AWS 114 SG.SI
AWS 114 SG.SI insert unit

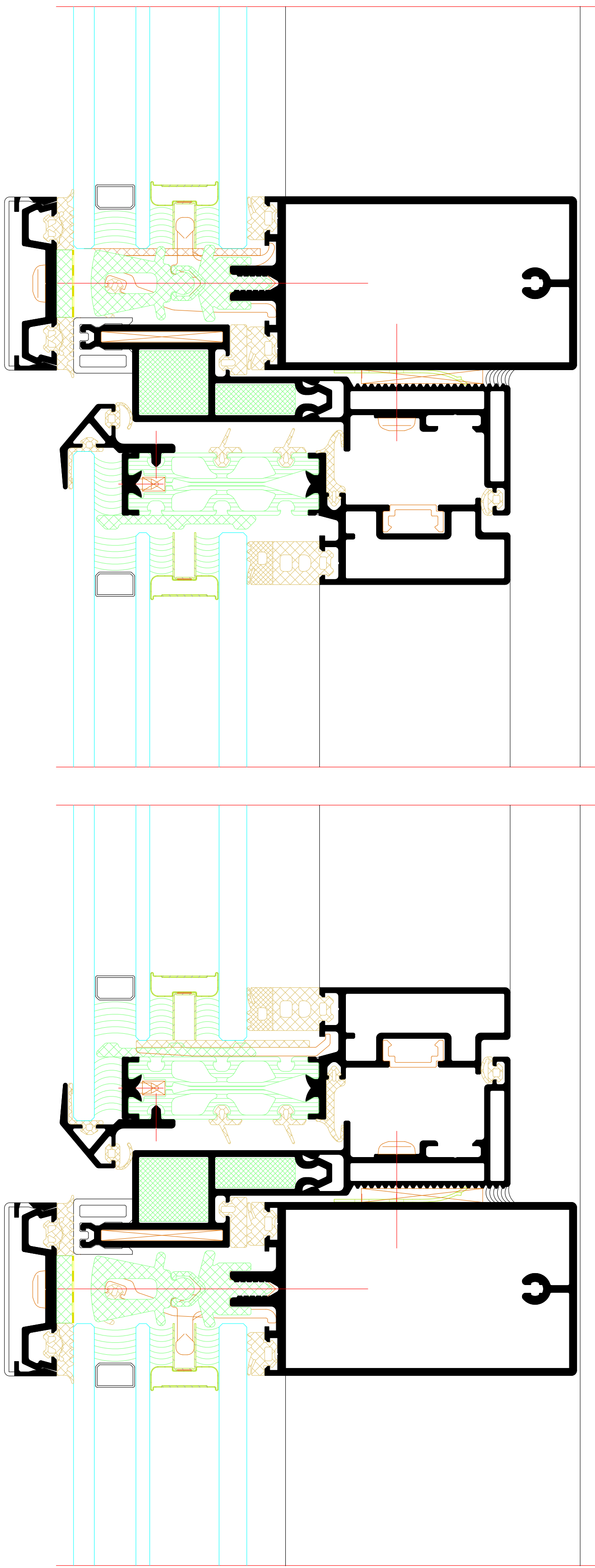


mit Glashalterahmen
With glass retention frame

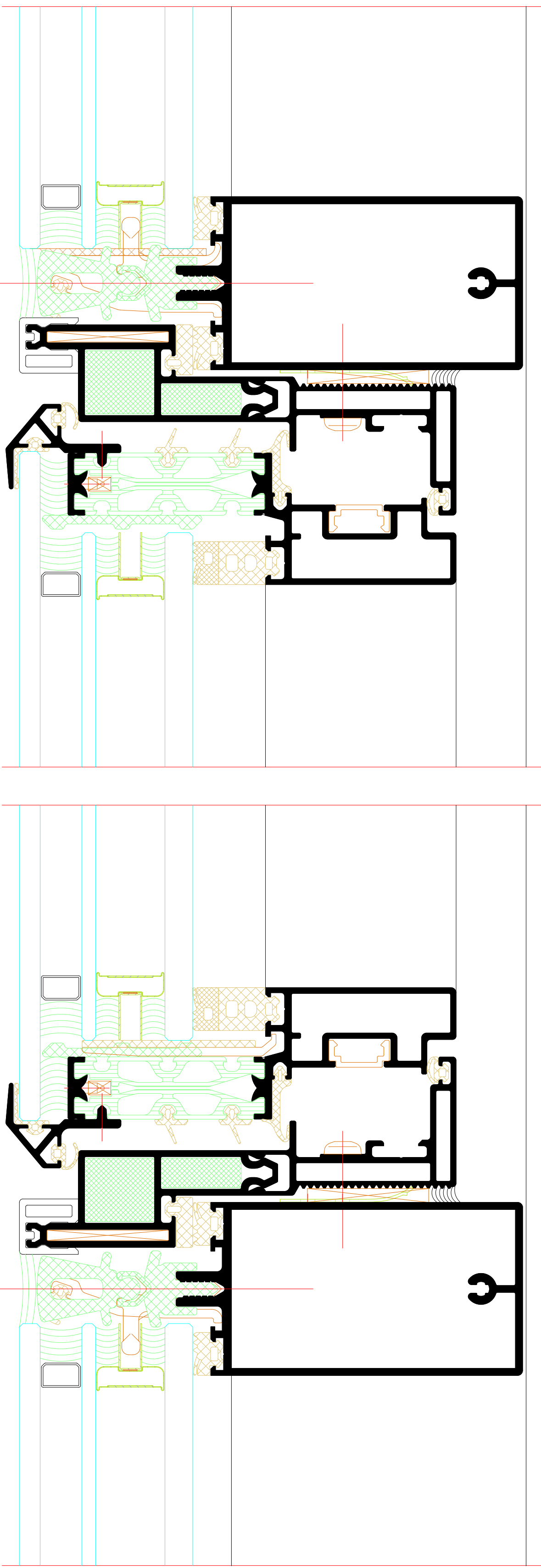
16 vertikale Betonung
Vertical emphasis



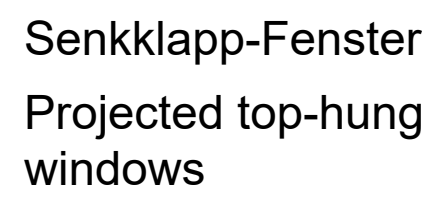
16 horizontale Betonung
Horizontal emphasis



16 Nassversiegelung
Wet sealing



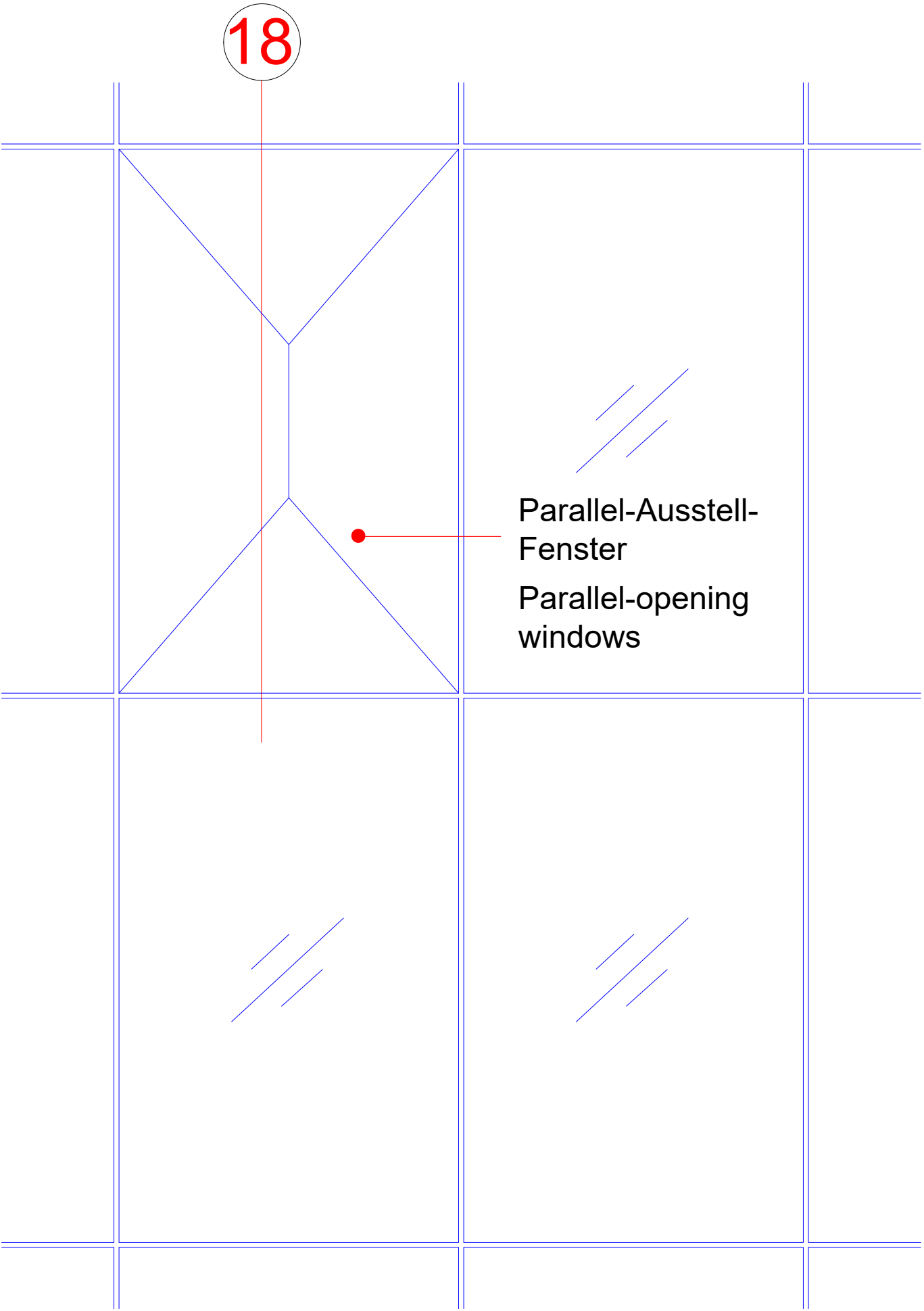
AWS 114 SG.SI insert unit



mit Glashalterahmen
With glass retention frame

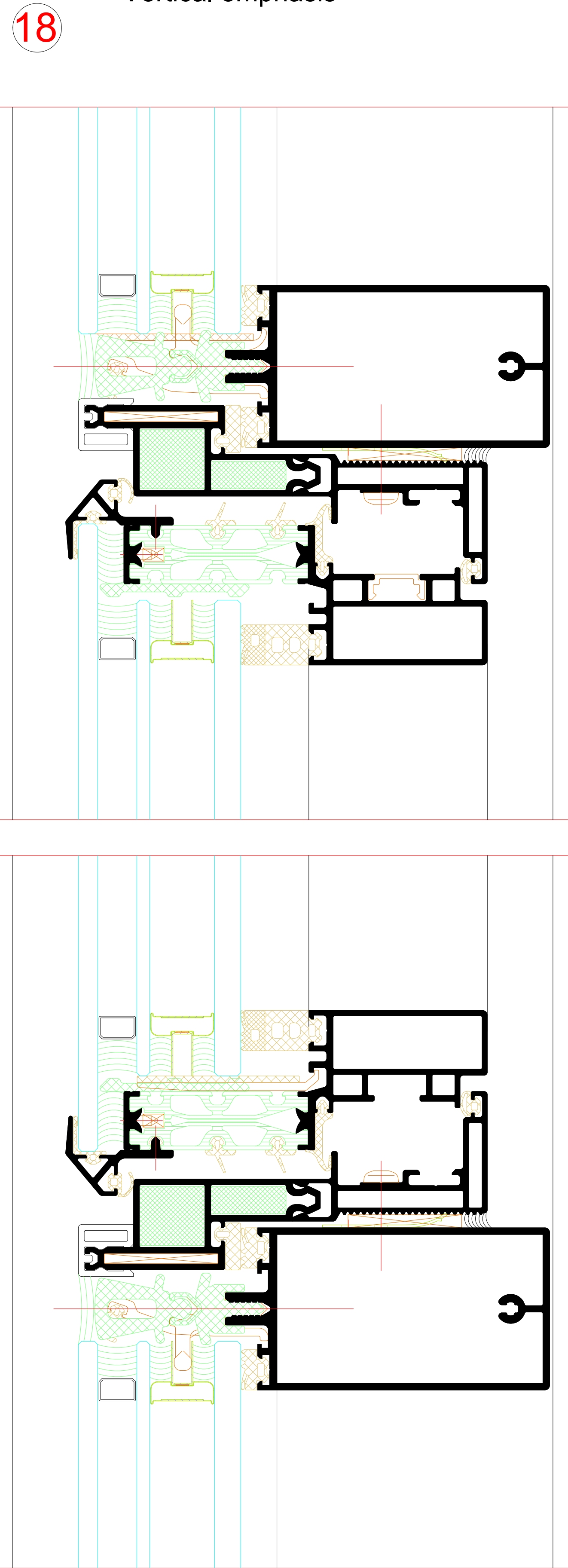


Einsatzelement AWS 114 SG.SI
AWS 114 SG.SI insert unit

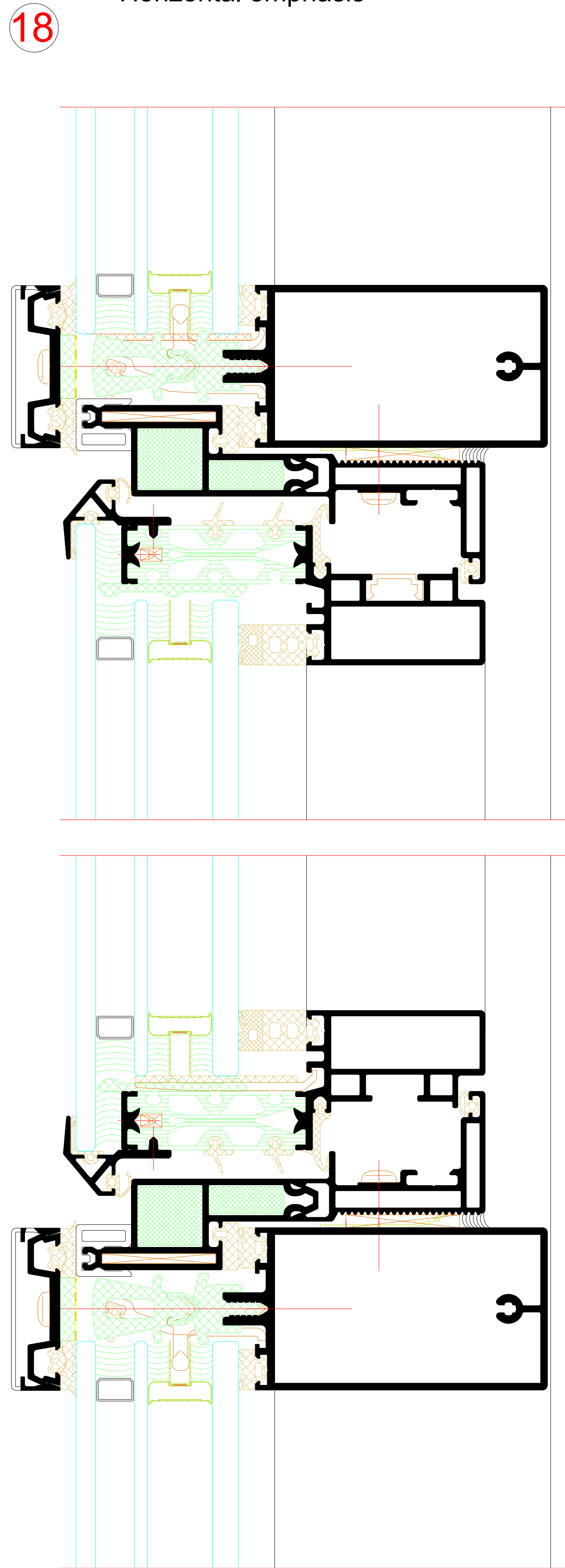


mit Glashalterahmen
With glass retention frame

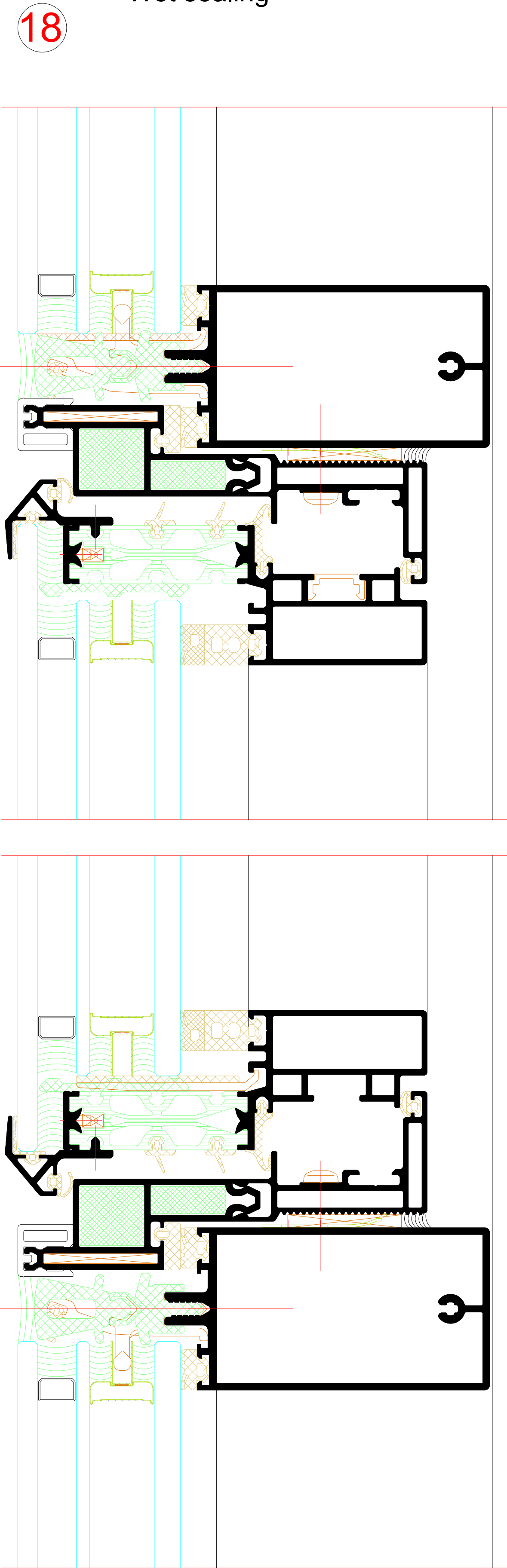
vertikale Betonung
Vertical emphasis



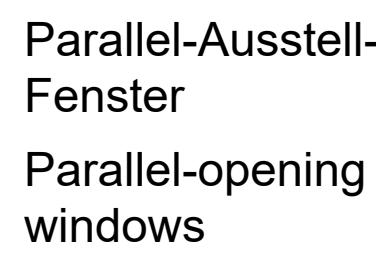
horizontale Betonung
Horizontal emphasis



Nassversiegelung
Wet sealing



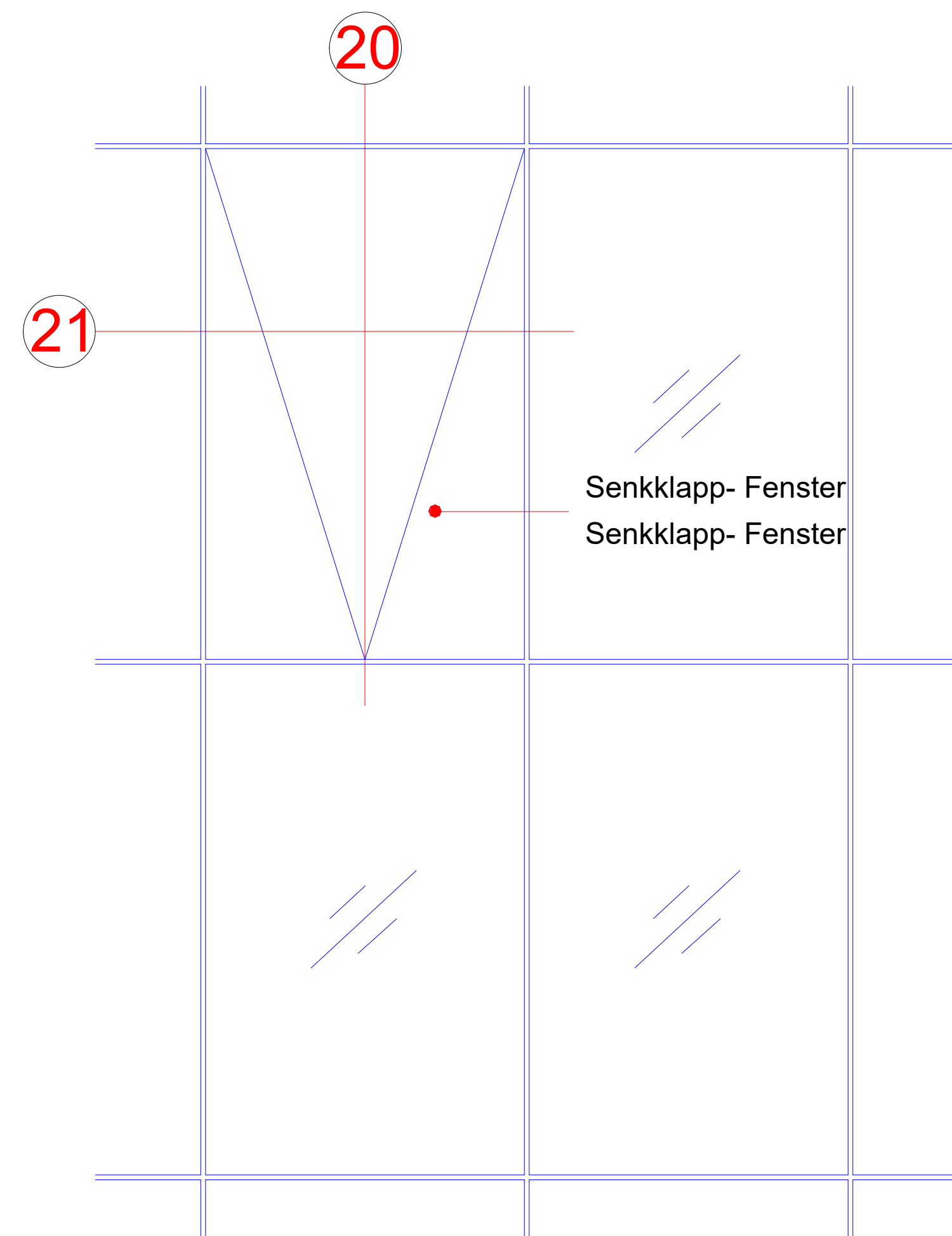
AWS 114 SG.SI insert unit



With glass retention frame

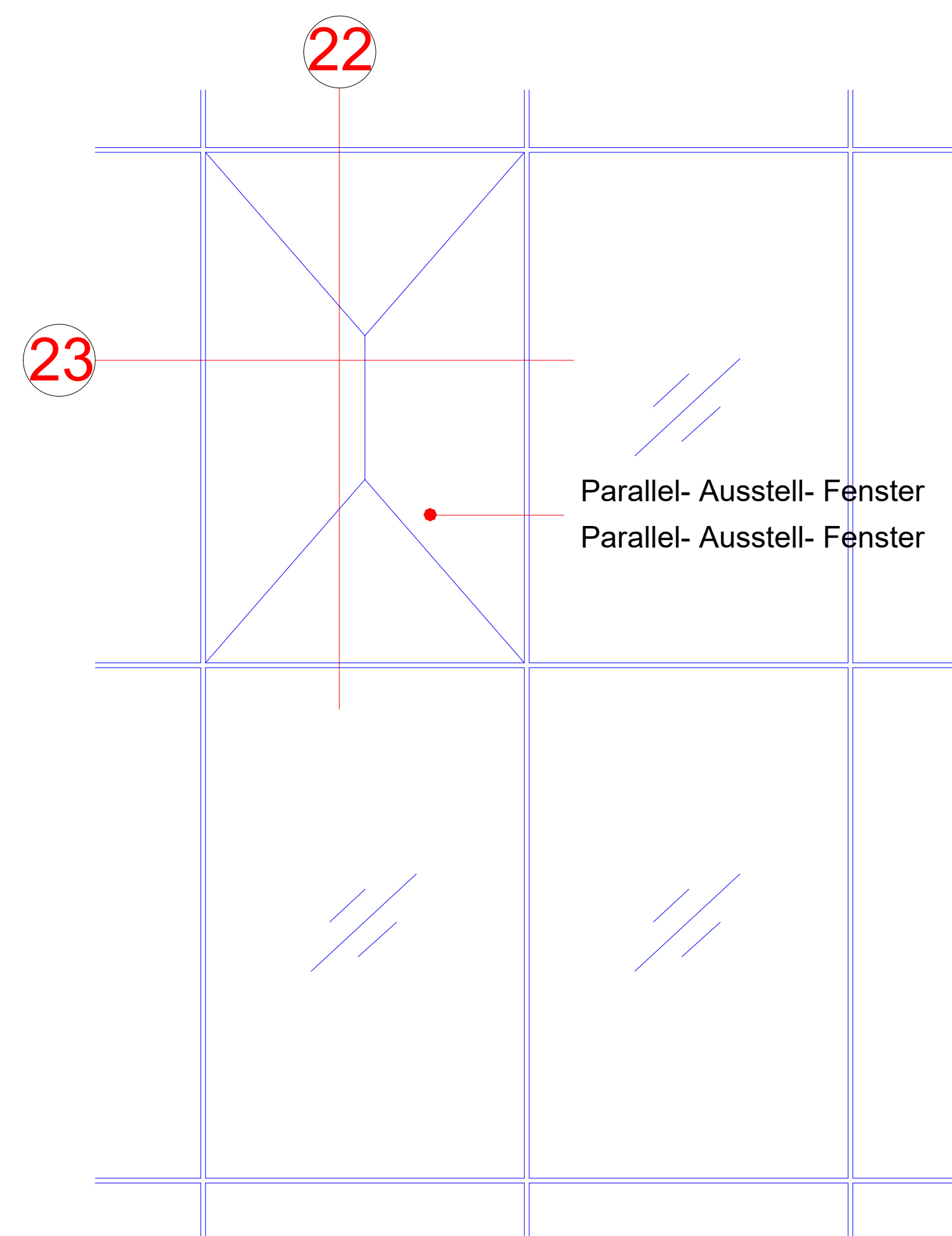
[illegible]

Einsatzelement AWS 114 SG.SI Tip Tronic



mit Glashalterahmen
mit Glashalterahmen

Einsatzelement AWS 114 SG.SI Tip Tronic



mit Glashalterahmen
mit Glashalterahmen

Technische Informationen AWS 114 SG.SI Tip Tronic

Technische Informationen AWS 114 SG.SI Tip Tronic

Prüfungen und Normen

Prüfungen und Normen

Luftschalldämmung nach EN ISO 717-1	37 dB
Luftschalldämmung nach EN ISO 717-1	
Wärmedämmung nach DIN EN ISO 10077-2	Uf = 1,4 W/(m²K)
Wärmedämmung nach DIN EN ISO 10077-2	
Luftdurchlässigkeit nach DIN EN 12207 *	Klasse 3- 4
Luftdurchlässigkeit nach DIN EN 12207	Klasse 3- 4
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Schlagregendichtheit nach DIN EN 12208	Klasse E 1200
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Windlastwiderstand nach EN 12210	Klasse C5 / B5
Stoßfestigkeit nach EN 13049	Klasse 3
Stoßfestigkeit nach EN 13049	Klasse 3
Einbruchhemmung nach DIN EN V 1627	Klasse RC2
Einbruchhemmung nach DIN EN V 1627	Klasse RC2

- * Objektbezogener Nachweis - wenn erforderlich
- Objektbezogener Nachweis - wenn erforderlich

- ** Die Angaben beschreiben die Bestwerte des Gesamtsystems. Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder Elementkombination sind im Einzelfall anhand der ausführlichen Prüfokumentation zu bestimmen.**

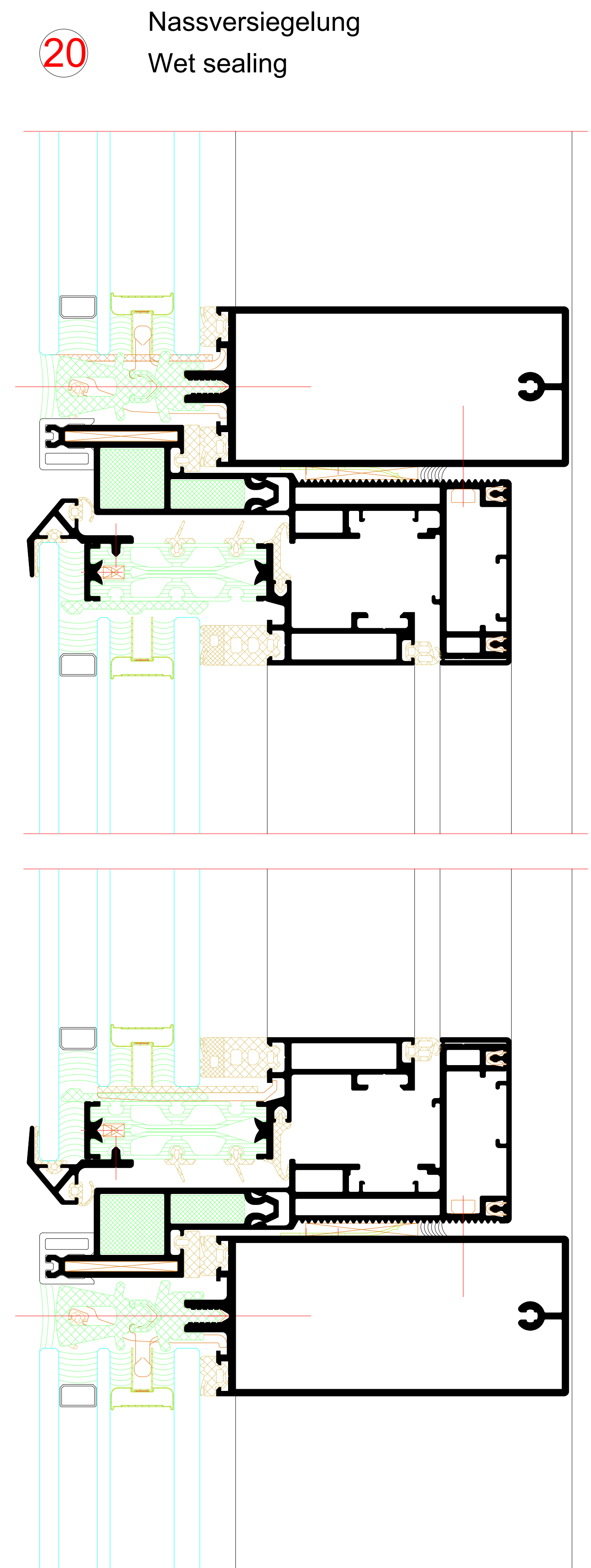
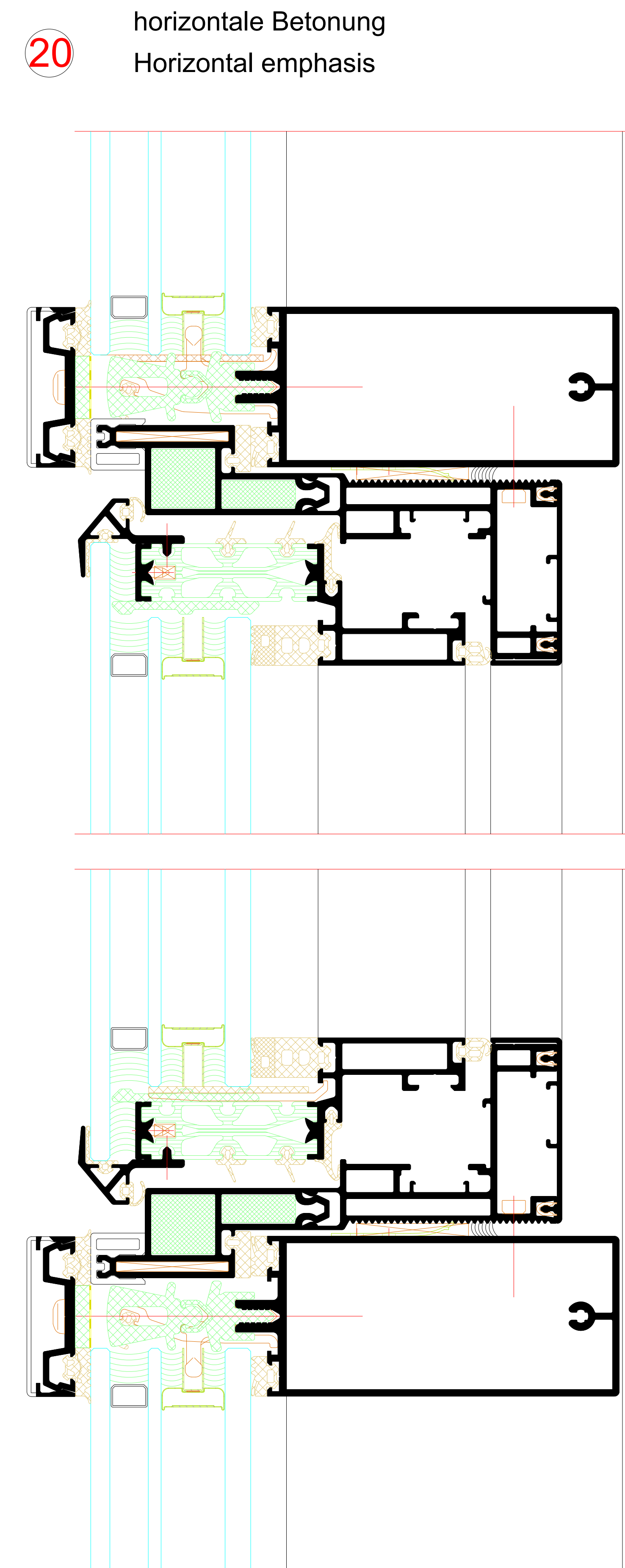
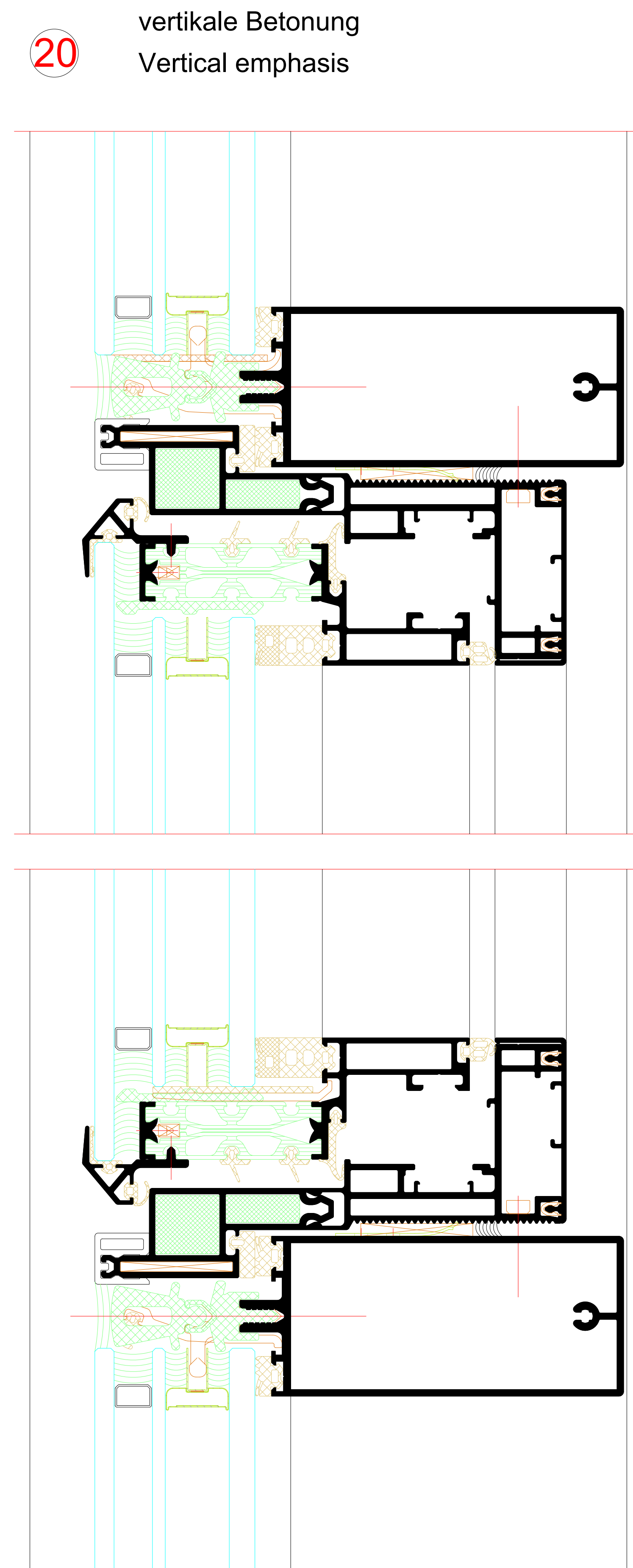
Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

Tabellenwerte für Variante mit Glashalterahmen

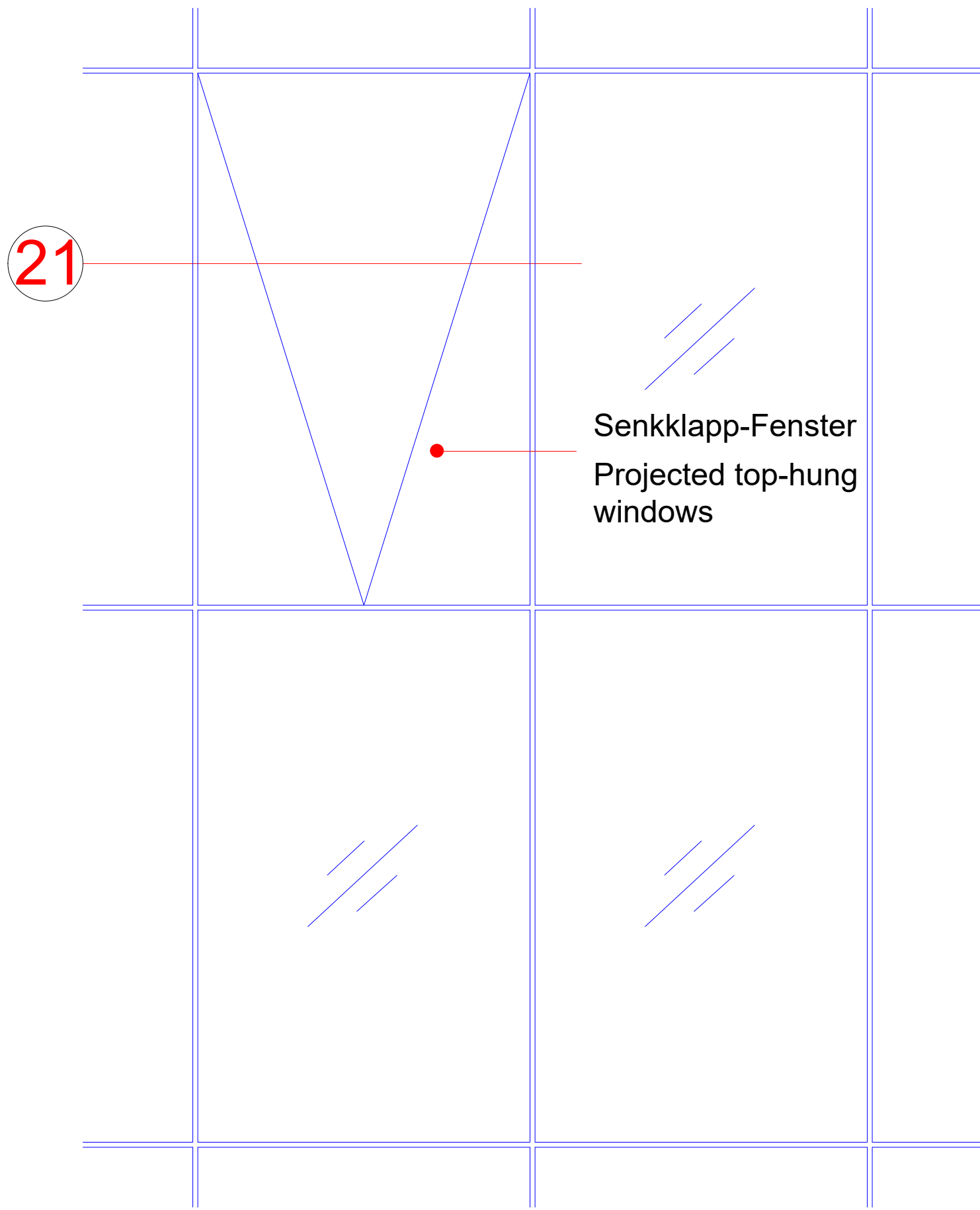
Tabellenwerte für Variante mit Glashalterahmen

Diagram illustrating a projected top-hung window (Senkkipp-Fenster) in a room layout. The window is shown as a trapezoidal shape within a grid. A red circle with the number 20 is positioned above the window, and a red line points from it to the window. The text "Senkkipp-Fenster" and "Projected top-hung windows" is written next to the window.

mit Glashalterahmen
With glass retention frame

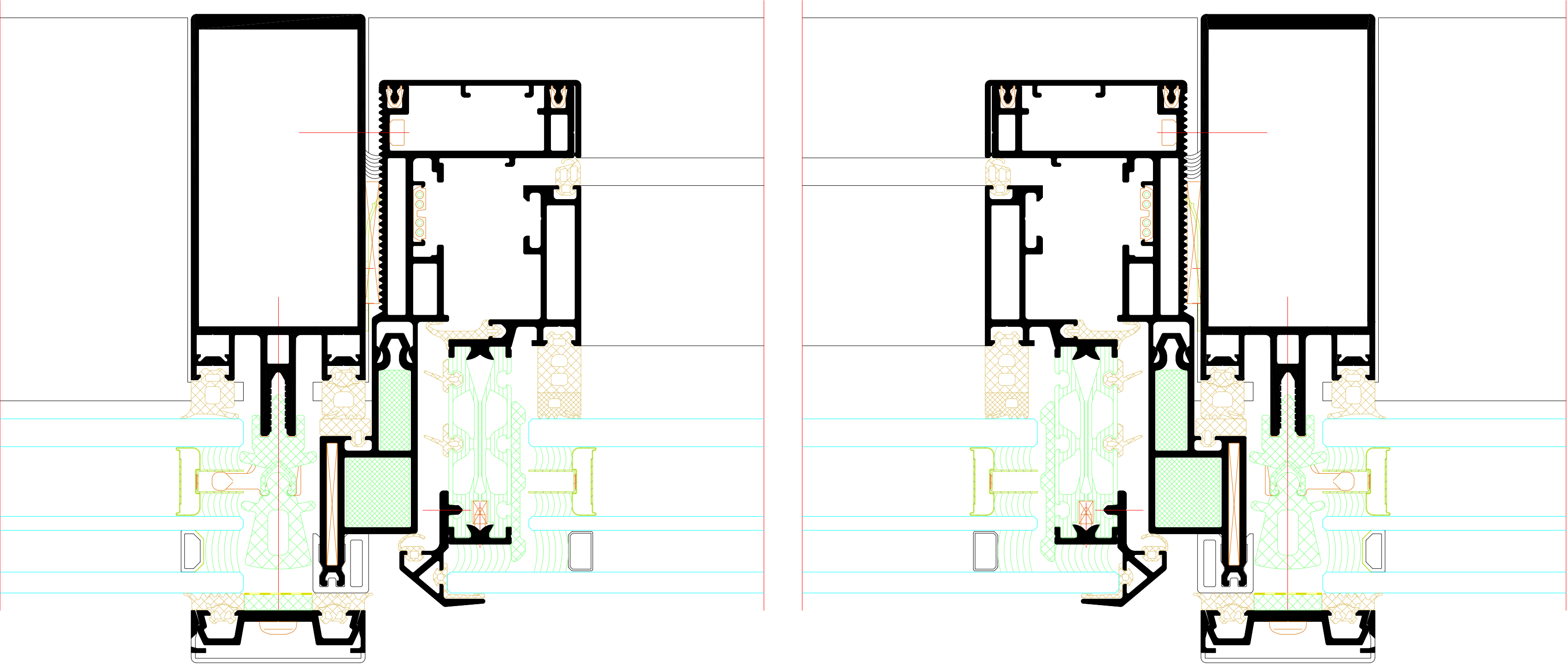
[illegible]

Einsatzelement AWS 114 SG.SI Tip Tronic
AWS 114 SG.SI TipTronic insert unit

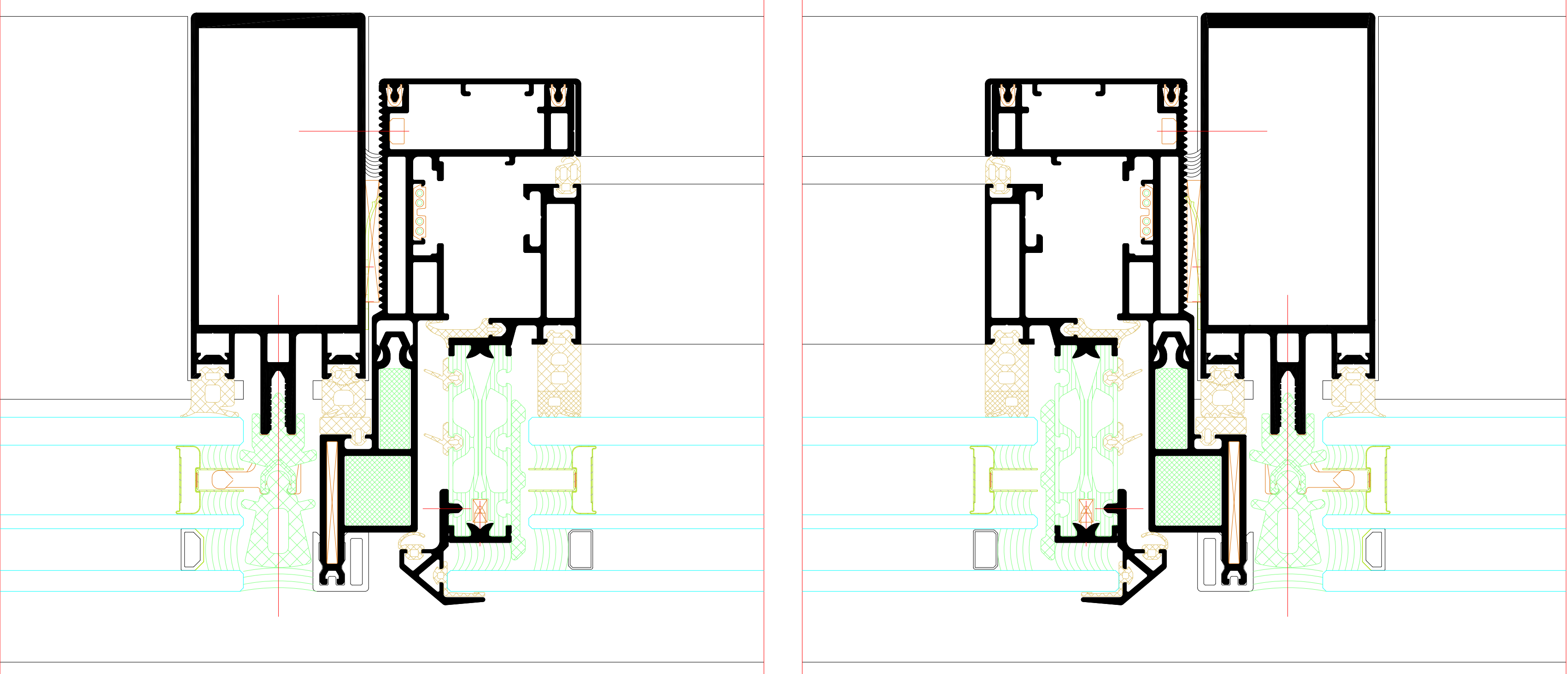


mit Glashalterahmen
With glass retention frame

21 vertikale Betonung
Vertical emphasis



21 horizontale Betonung
Horizontal emphasis



21 Nassversiegelung
Wet sealing

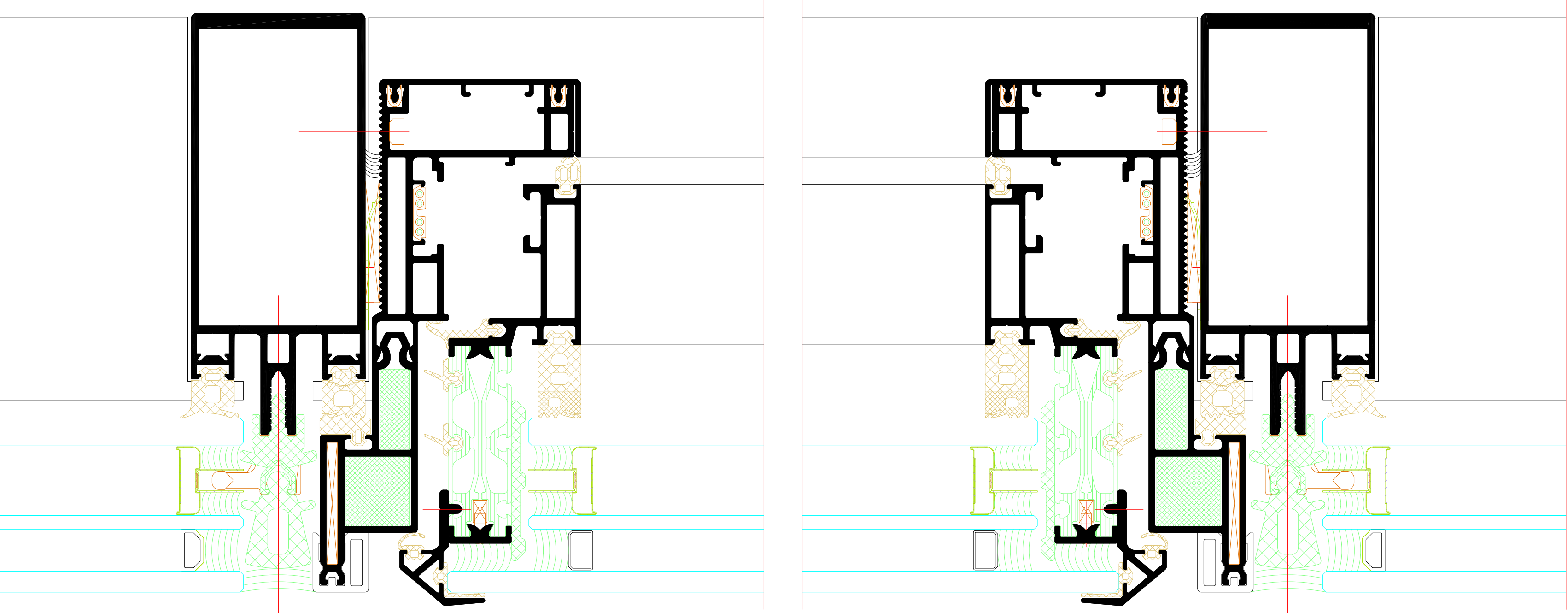


Diagram illustrating a window frame configuration. A red dot is positioned on the right side of the frame, indicating a "Parallel-Ausstell-Fenster" (Parallel-opening window). The text "Parallel-opening windows" is also present.

mit Glashalterahmen
With glass retention frame



vertikale Betonung
Vertical emphasis



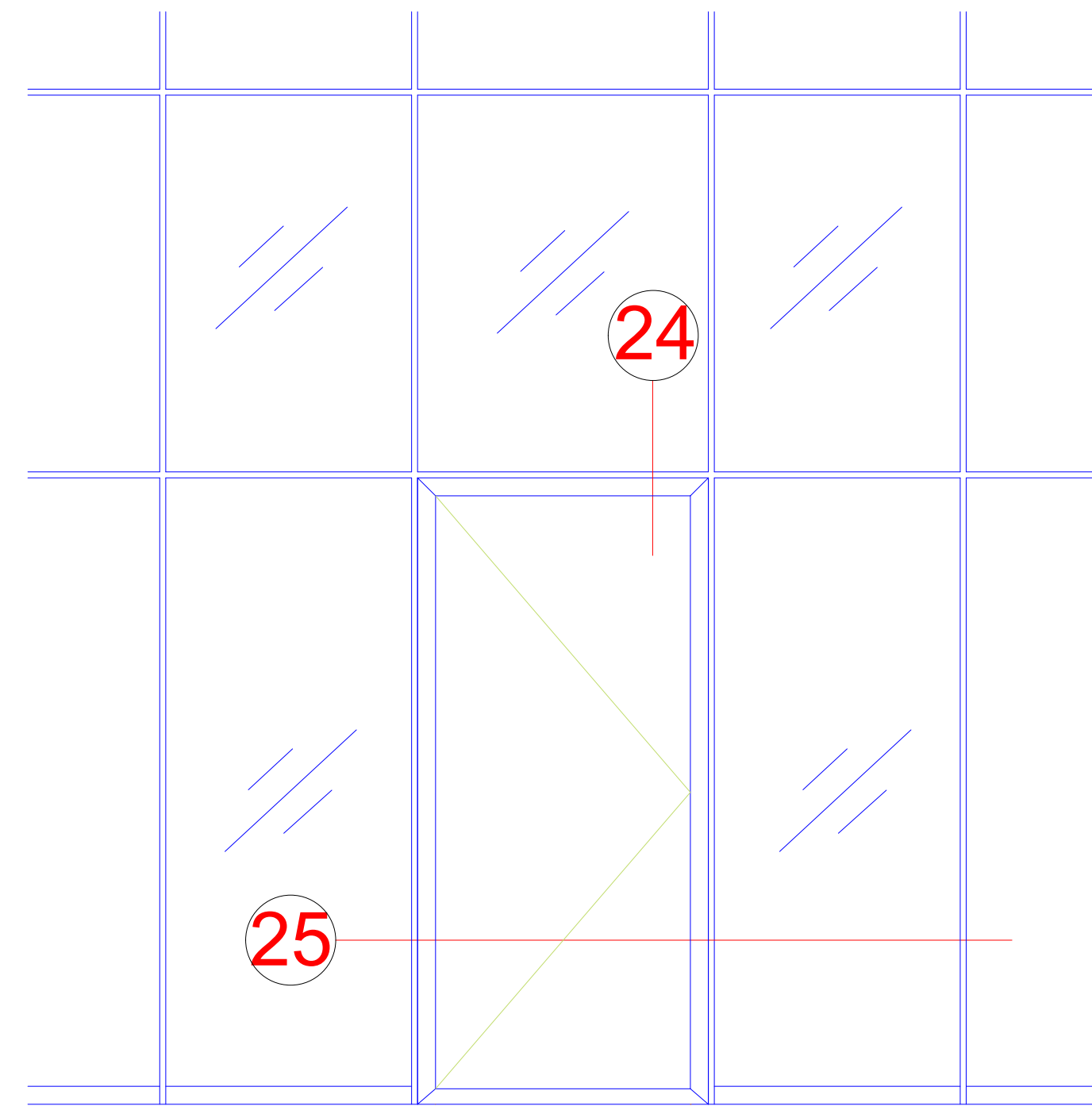
horizontale Betonung
Horizontal emphasis



Nassversiegelung
Wet sealing

Parallel-Ausstell-Fenster
Parallel-opening windows

Einsatzelement ADS 75.SI SG Optik



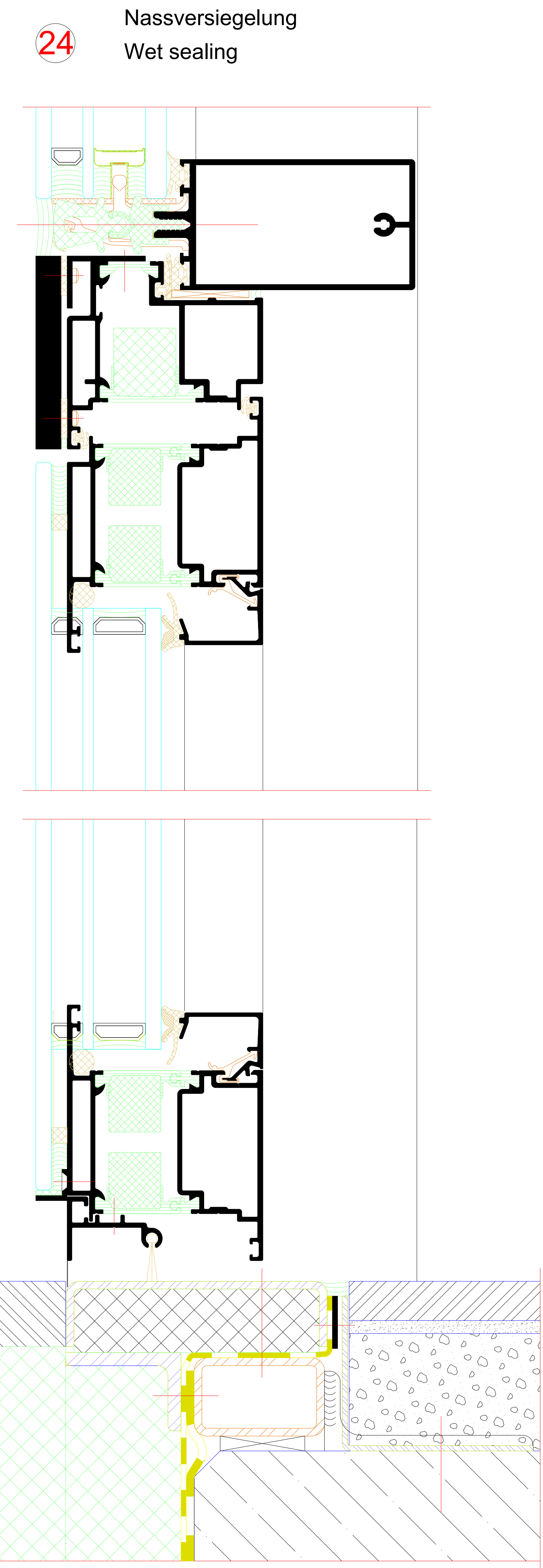
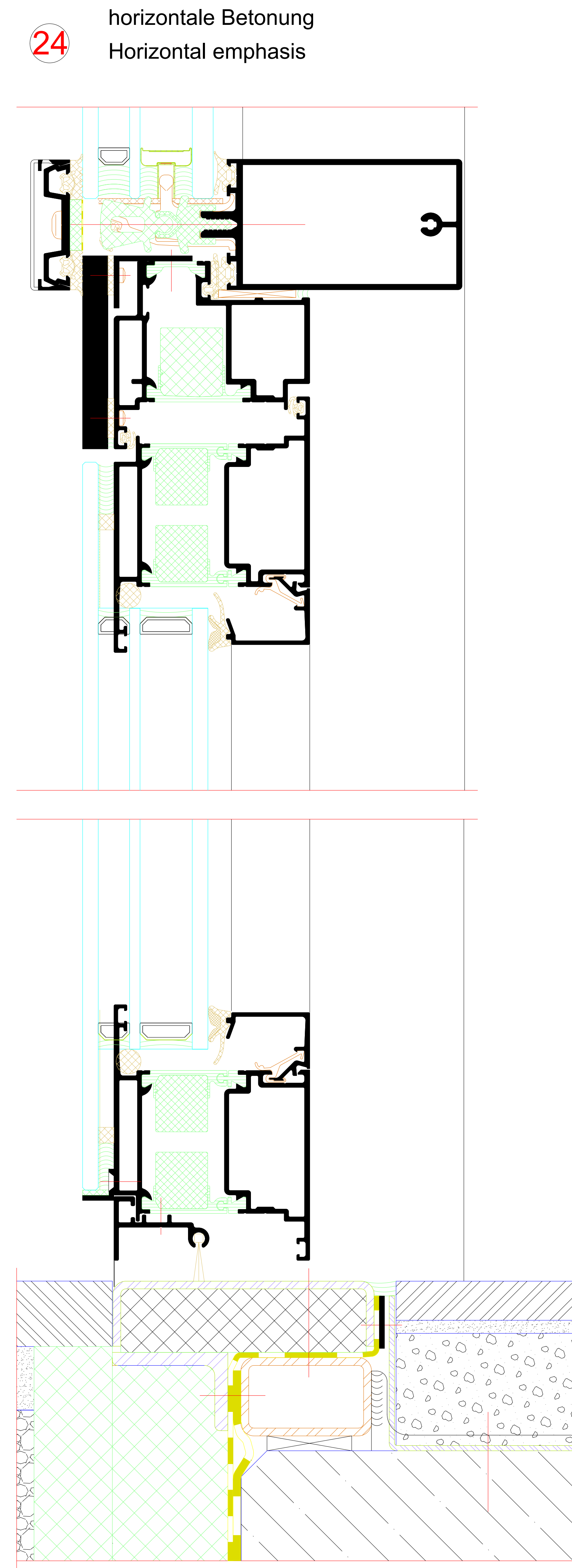
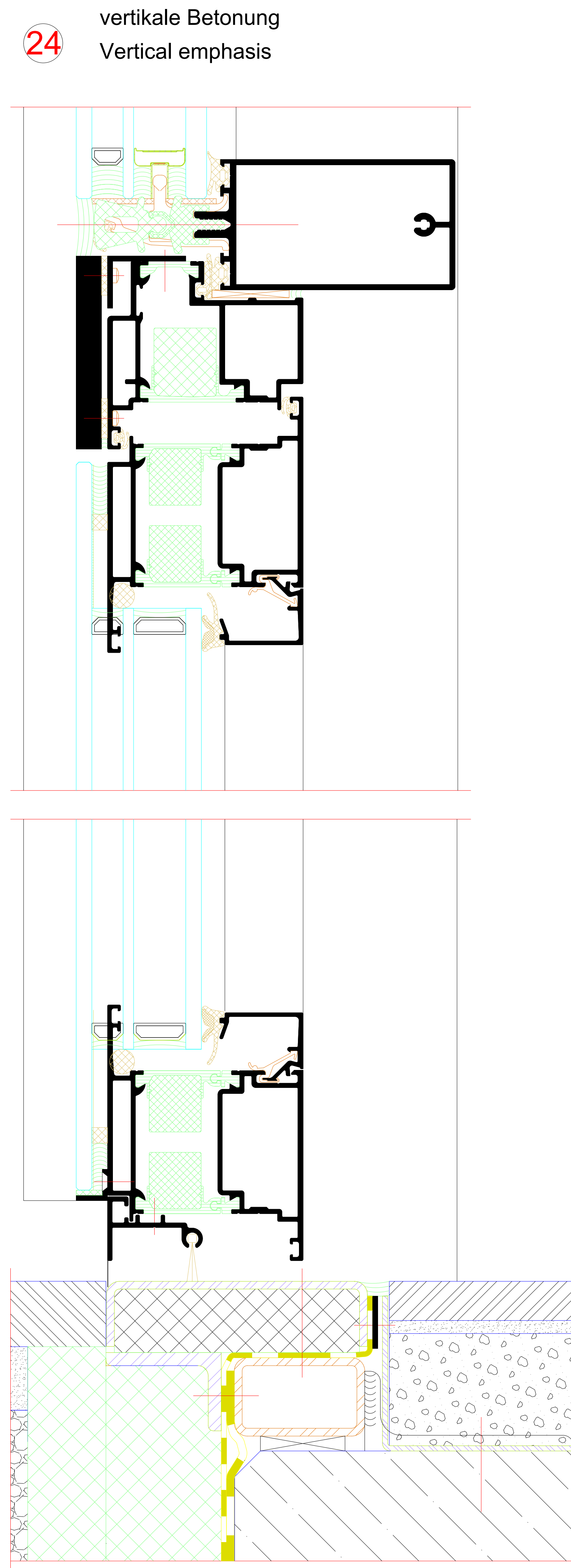
Technische Informationen ADS 75.SI

Prüfungen und Normen

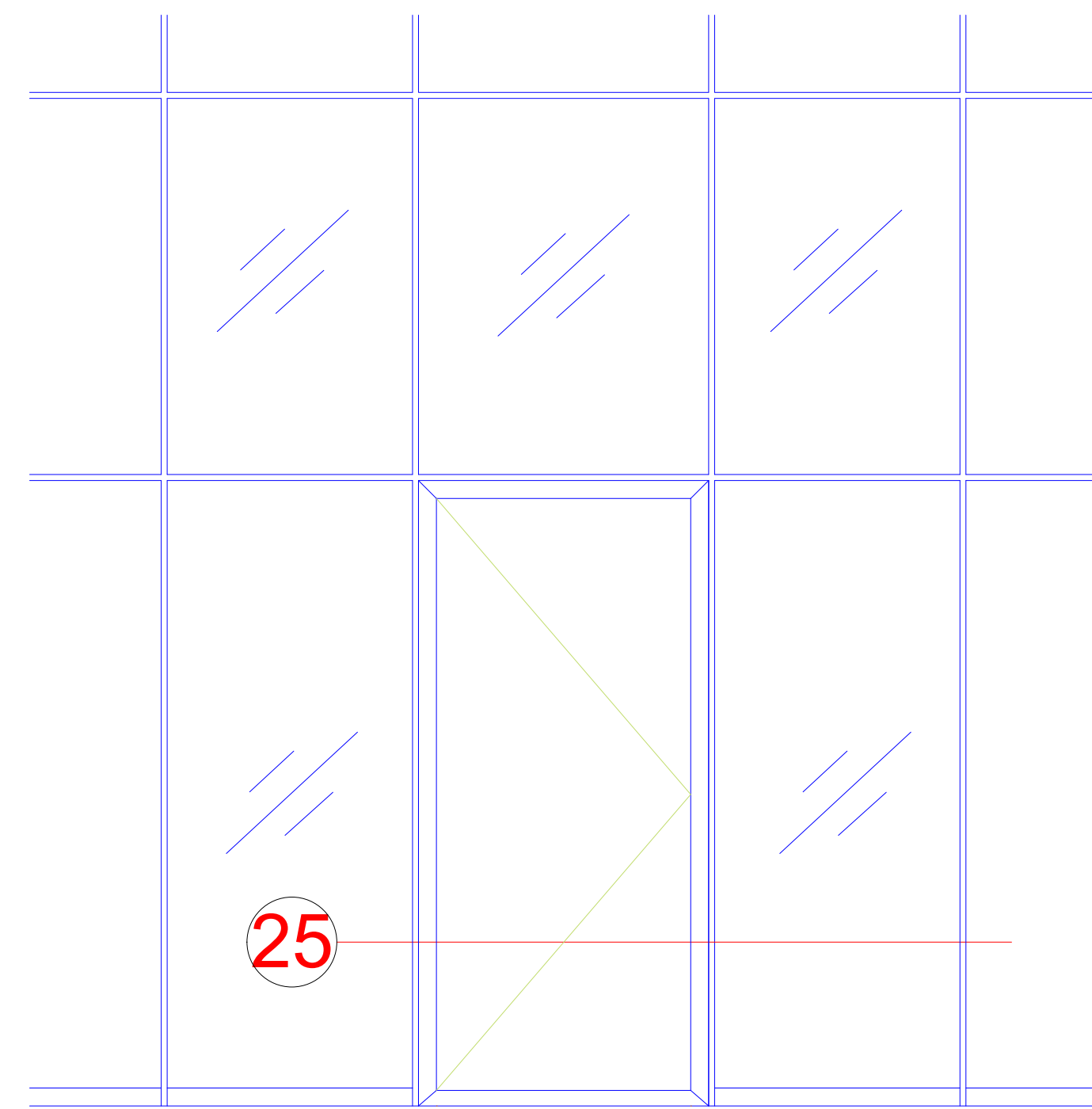
Wärmedämmung nach DIN EN ISO 1077-2	Uf = 1,6 - 2,1 W/(m²K)
Wärmedämmung nach DIN EN ISO 1077-2	
Schalldämmung nach DIN EN ISO 140-3	bis Rw 43 dB
Schalldämmung nach DIN EN ISO 140-3	bis Rw 43 dB
Einbruchhemmung nach DIN V ENV 1627	Klasse WK3
Einbruchhemmung nach DIN V ENV 1627	Klasse WK3
Luftdurchlässigkeit nach DIN EN 12207	Klasse 2
Luftdurchlässigkeit nach DIN EN 12207	Klasse 2
Schlagregendichtheit nach DIN EN 12208	bis Klasse 5A
Schlagregendichtheit nach DIN EN 12208	bis Klasse 5A
Windlastwiderstand nach DIN EN 12210	Klasse C3
Windlastwiderstand nach DIN EN 12210	Klasse C3
Dauerfunktion nach DIN EN 12400	Klasse 5
Dauerfunktion nach DIN EN 12400	Klasse 5

Die Angaben beschreiben die Bestwerte des Gesamtsystems bei innen als auch außen öffnenden Ausführungen.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder Elementkombination sind im Einzelfall anhand der ausführlichen Prüfdokumentation zu bestimmen.

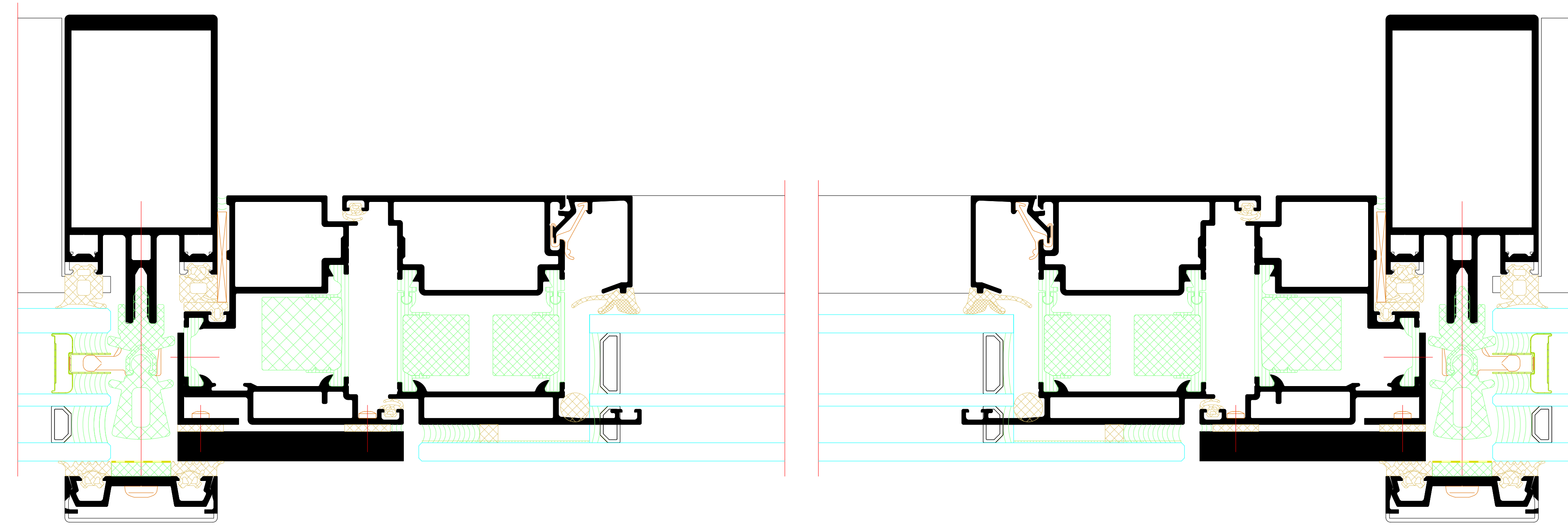
A 4x4 grid with a red circle containing the number 24 in the top-right cell. A red vertical line runs through the grid, and a green diagonal line is in the bottom-right cell.



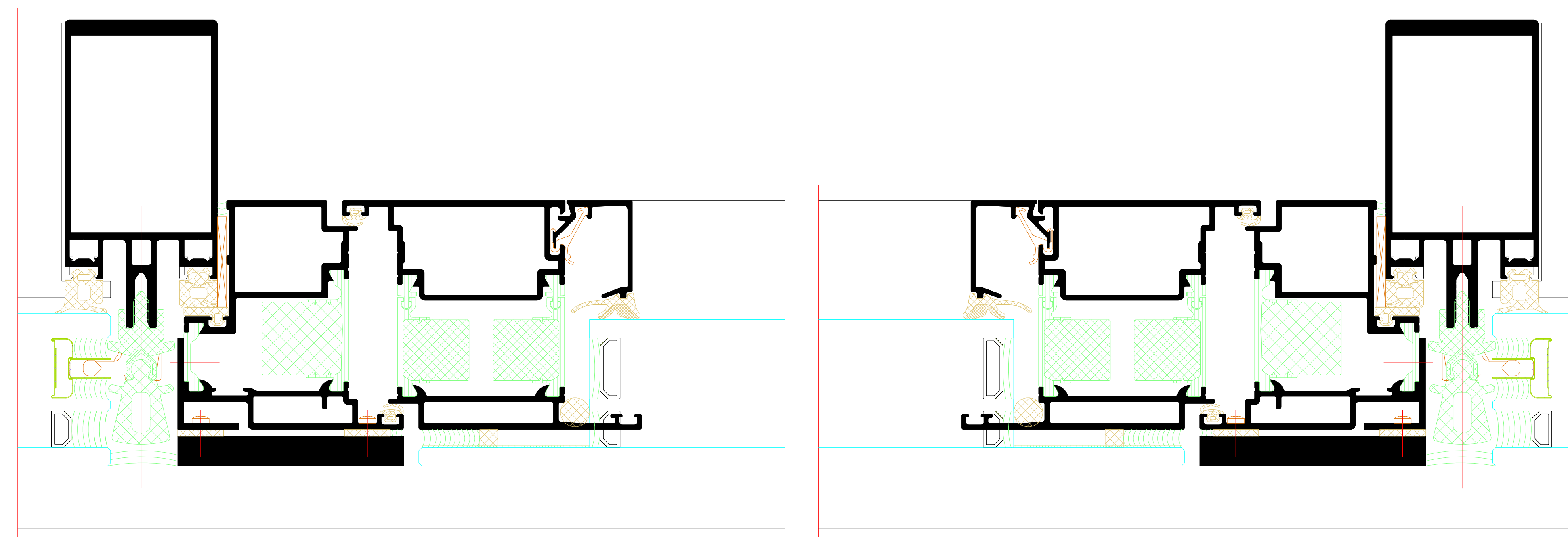
Einsatzelement ADS 75.SI SG Optik
ADS 75.SI insert unit, SG look



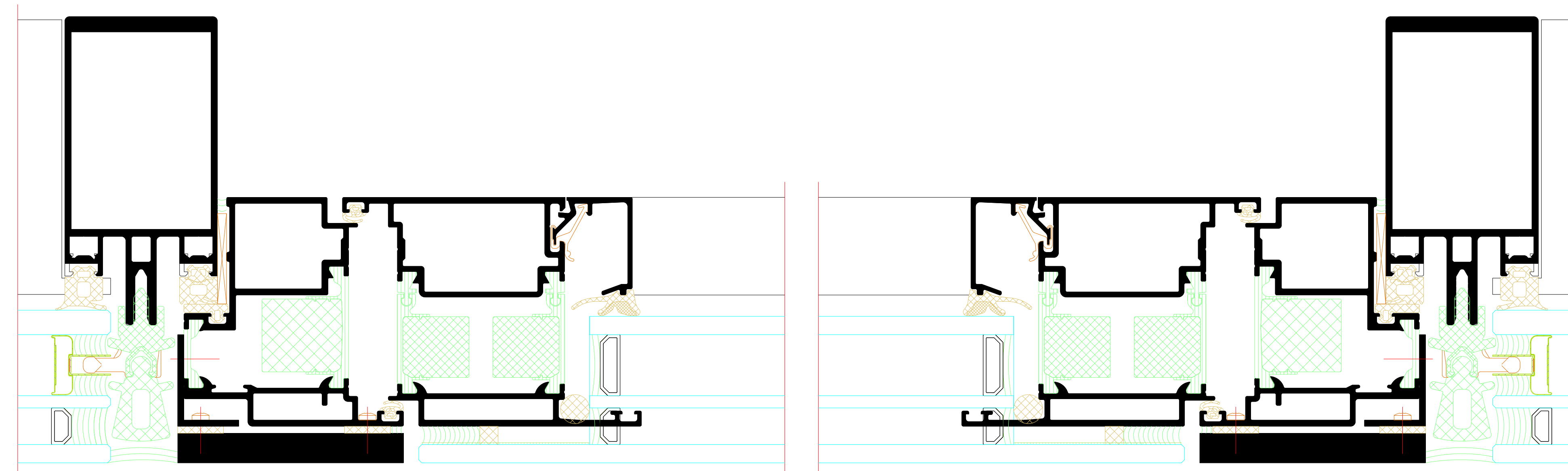
25 vertikale Betonung
Vertical emphasis

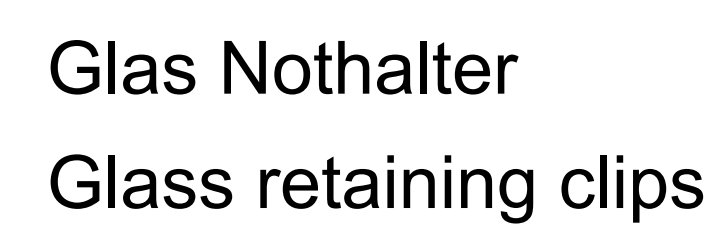


25 horizontale Betonung
Horizontal emphasis

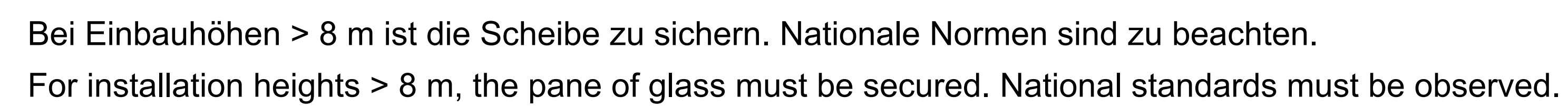


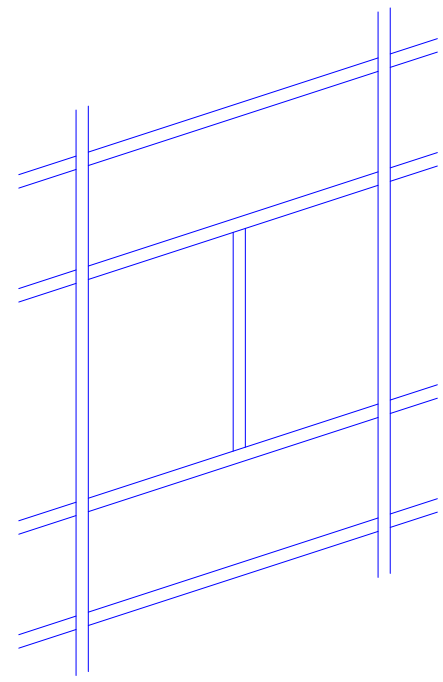
25 Nassversiegelung
Wet sealing

[illegible]

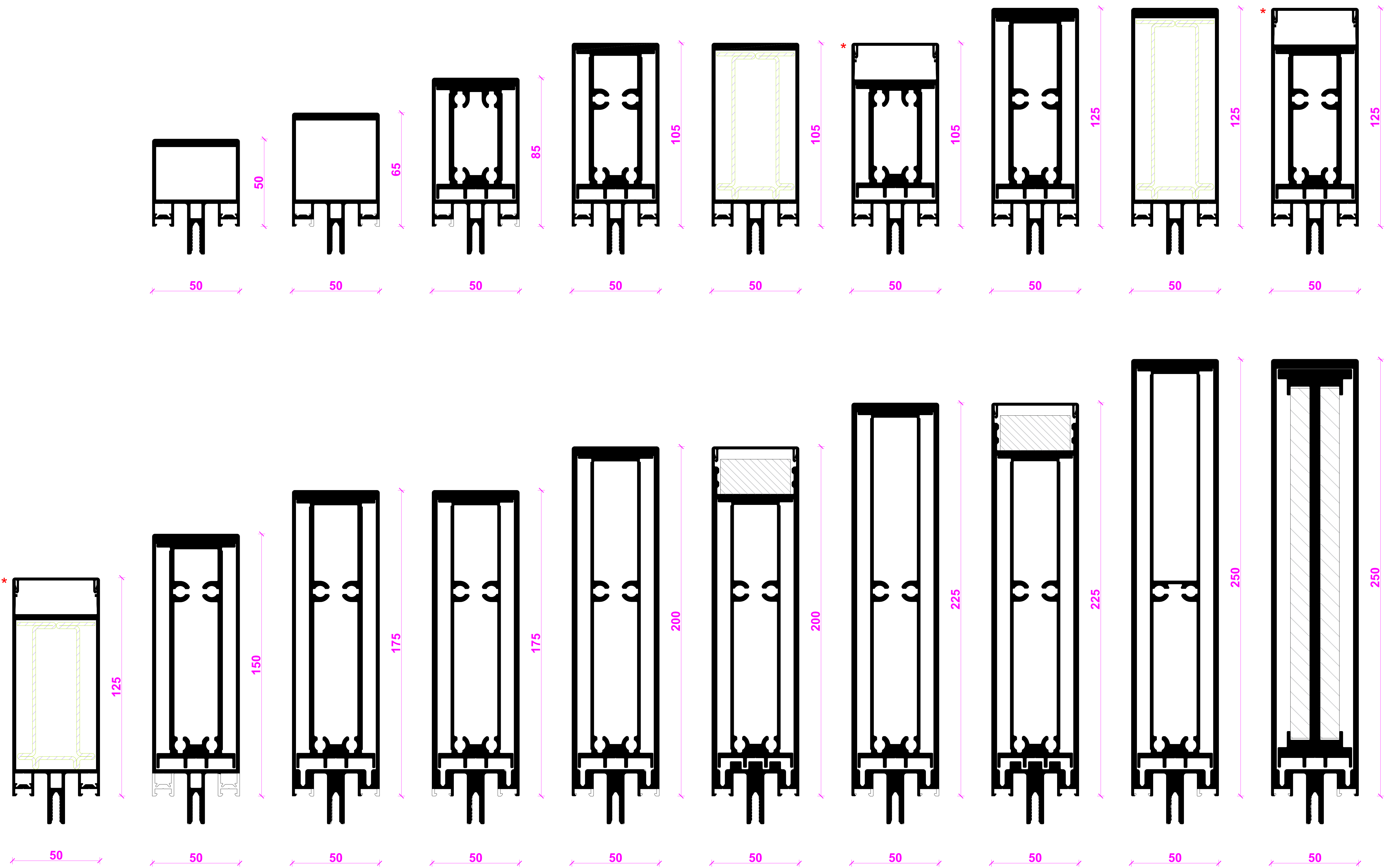
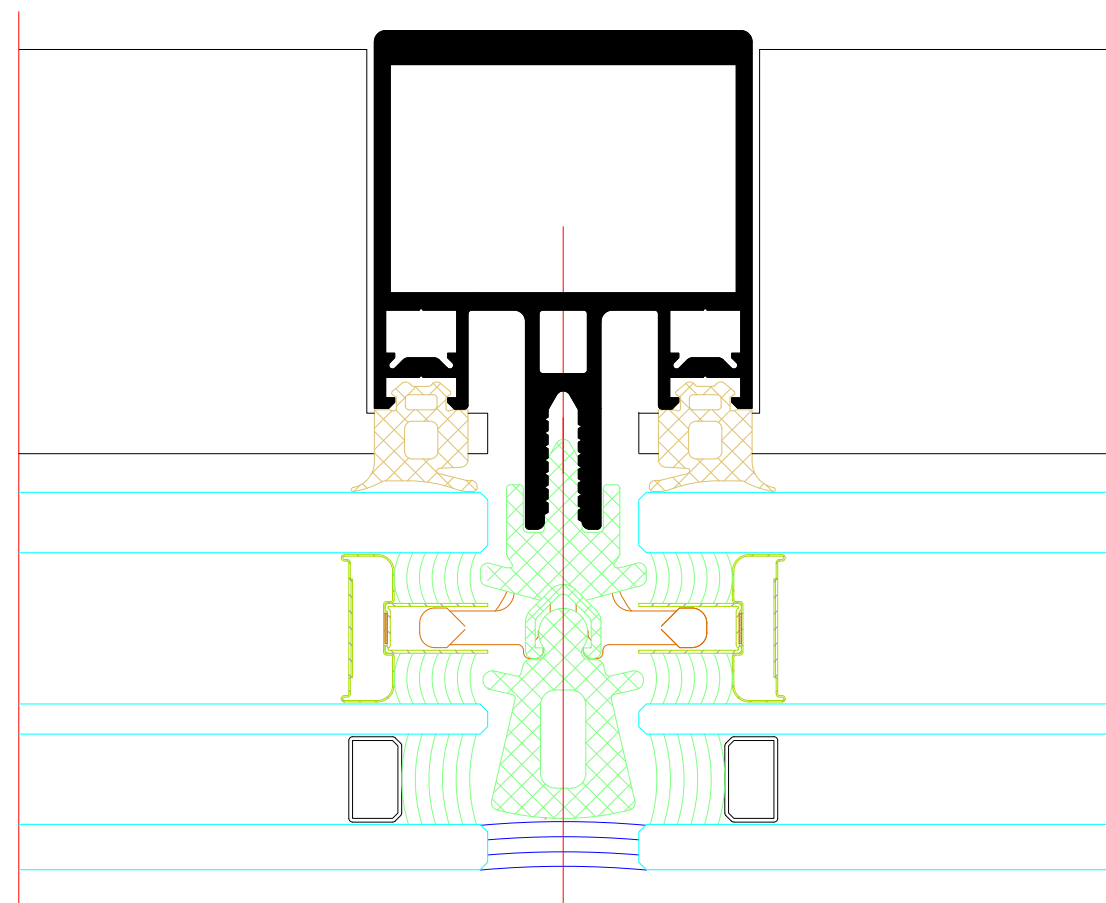


Nassversiegelung
Wet sealing

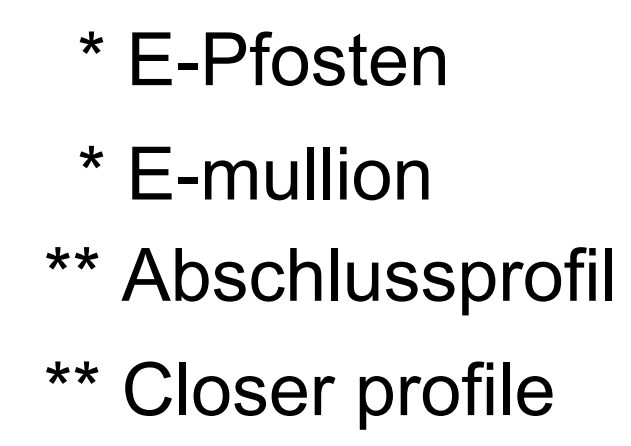
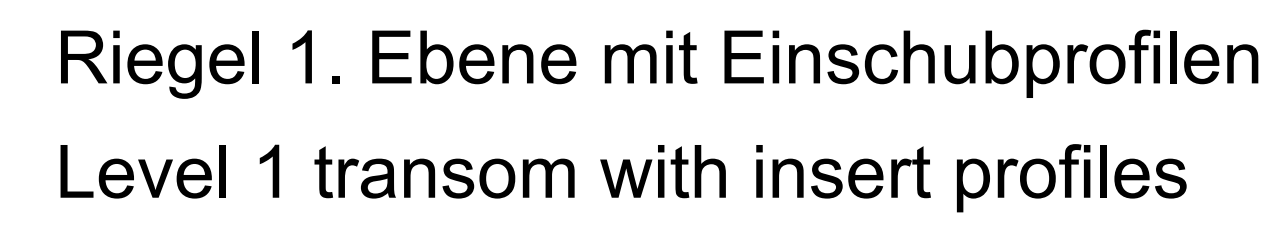


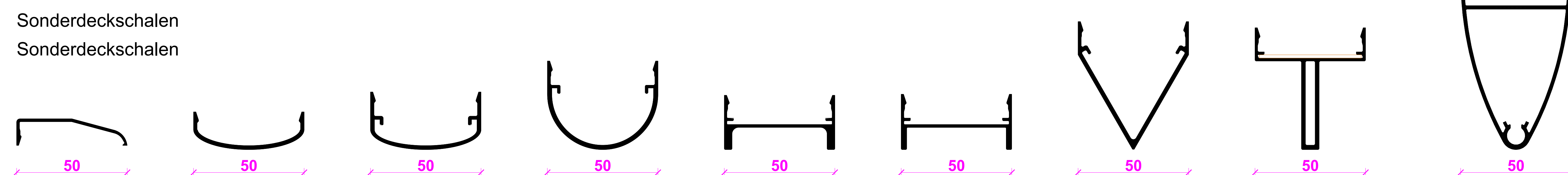
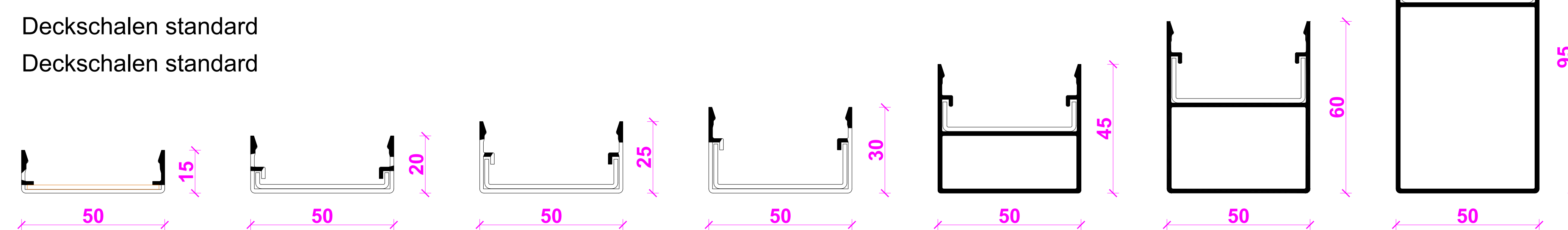
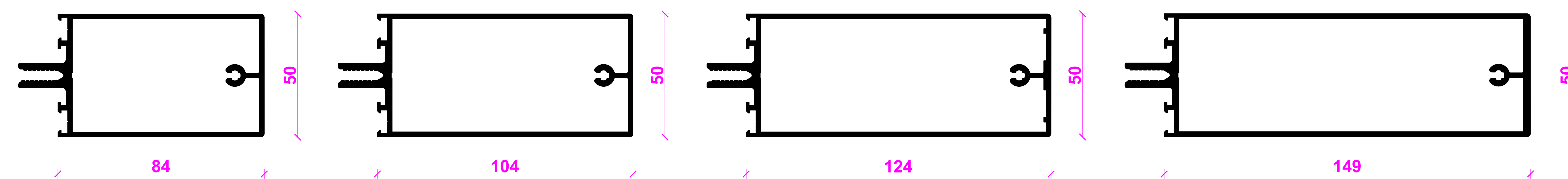
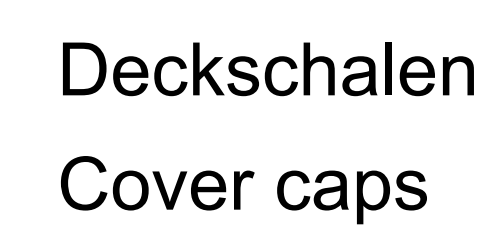
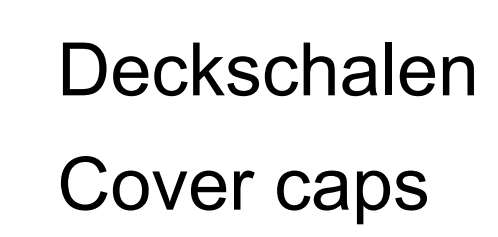
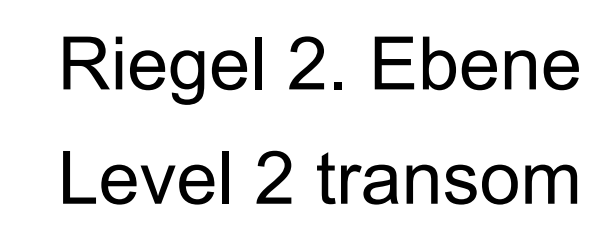


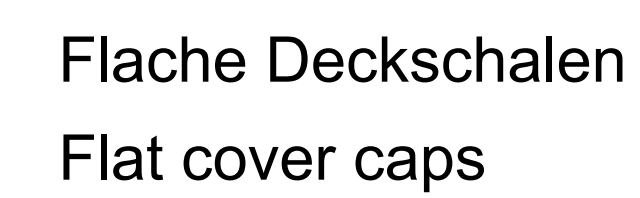
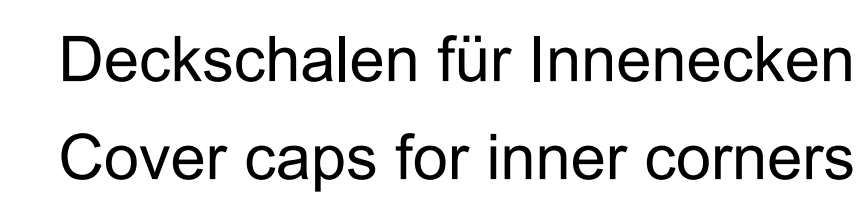
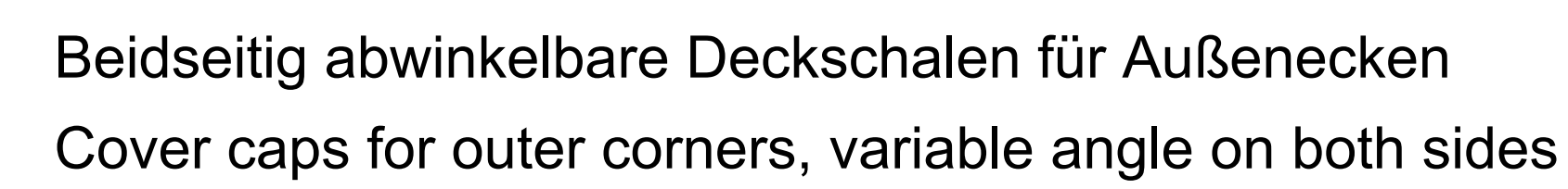
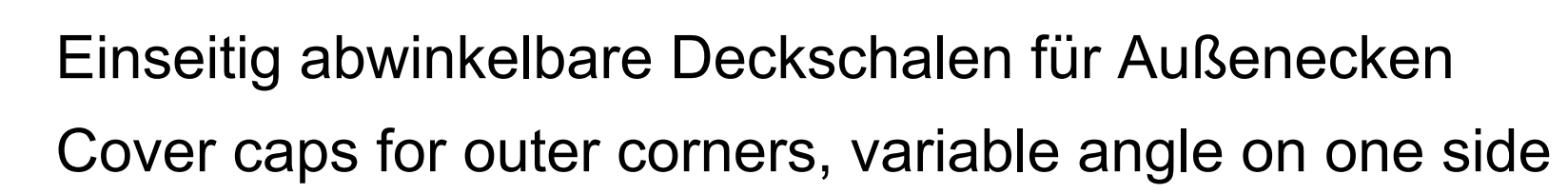
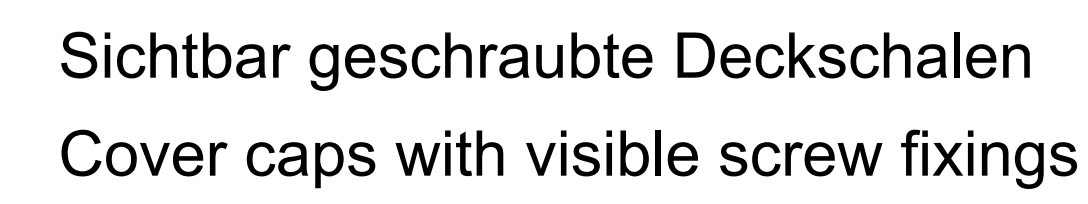
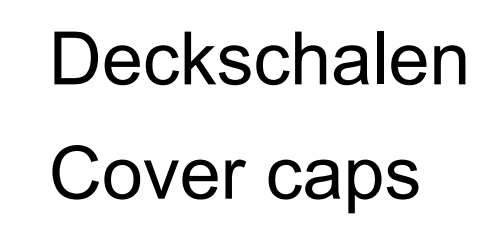
Pfosten mit Einschubprofilen
Mullions with insert profiles



* E-Pfosten
* E-mullion

[illegible]



[illegible]

