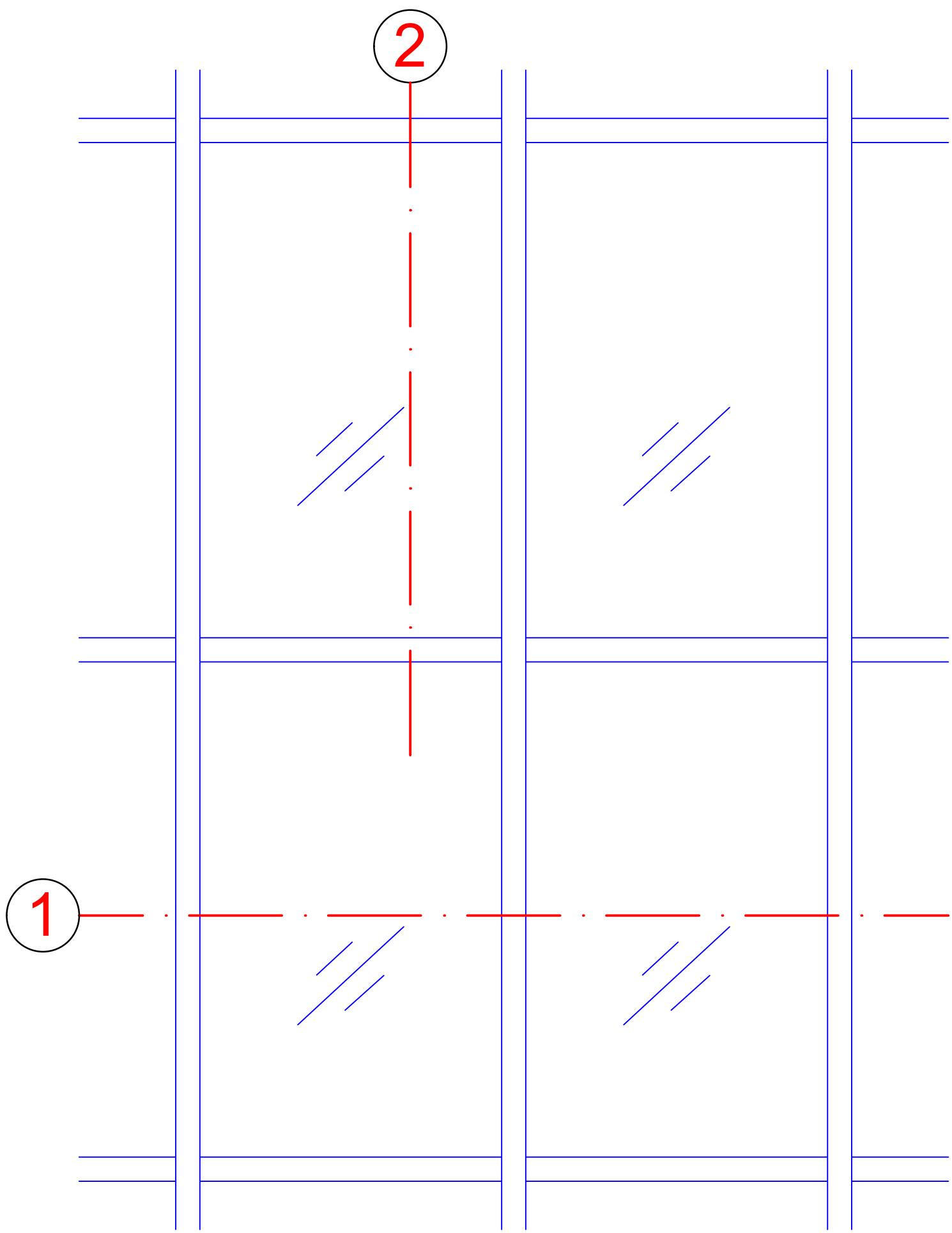
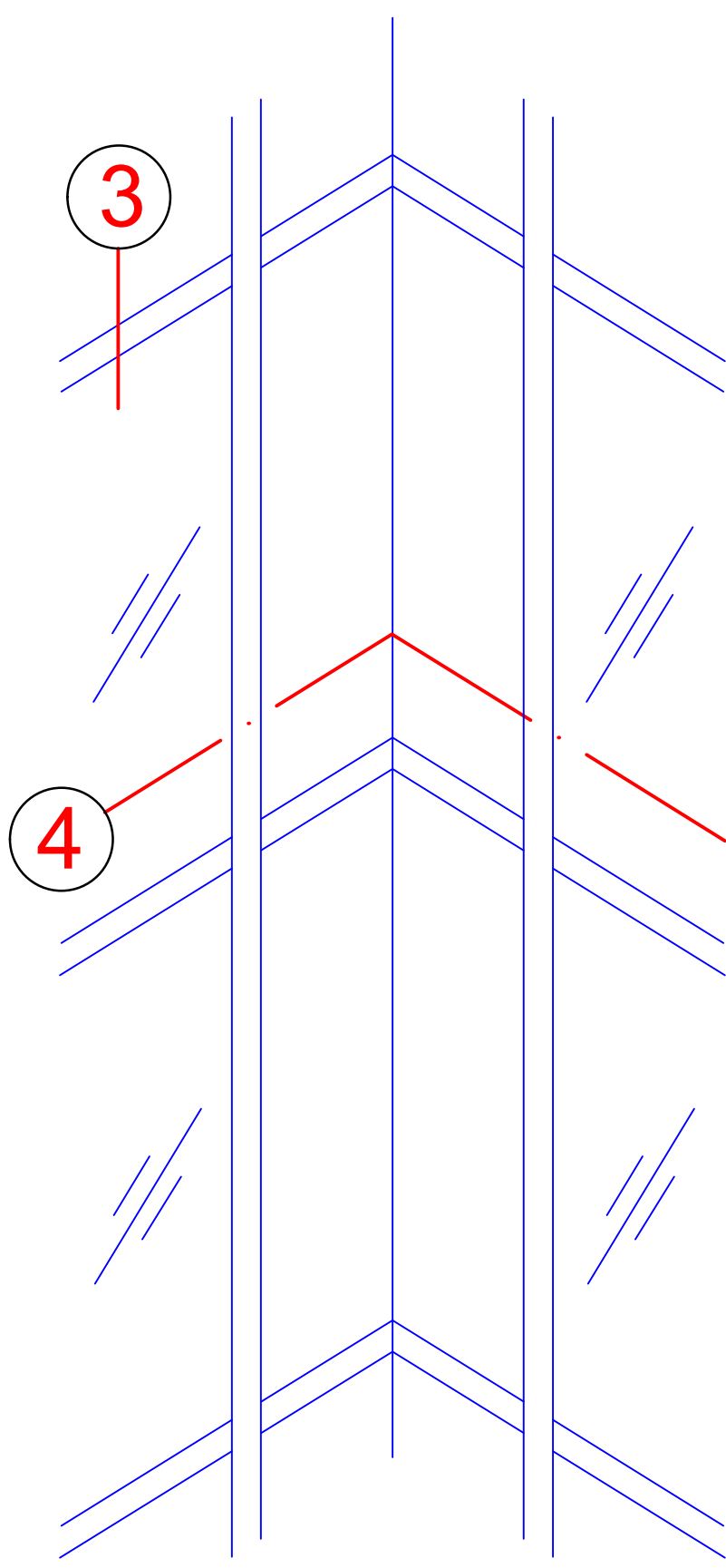


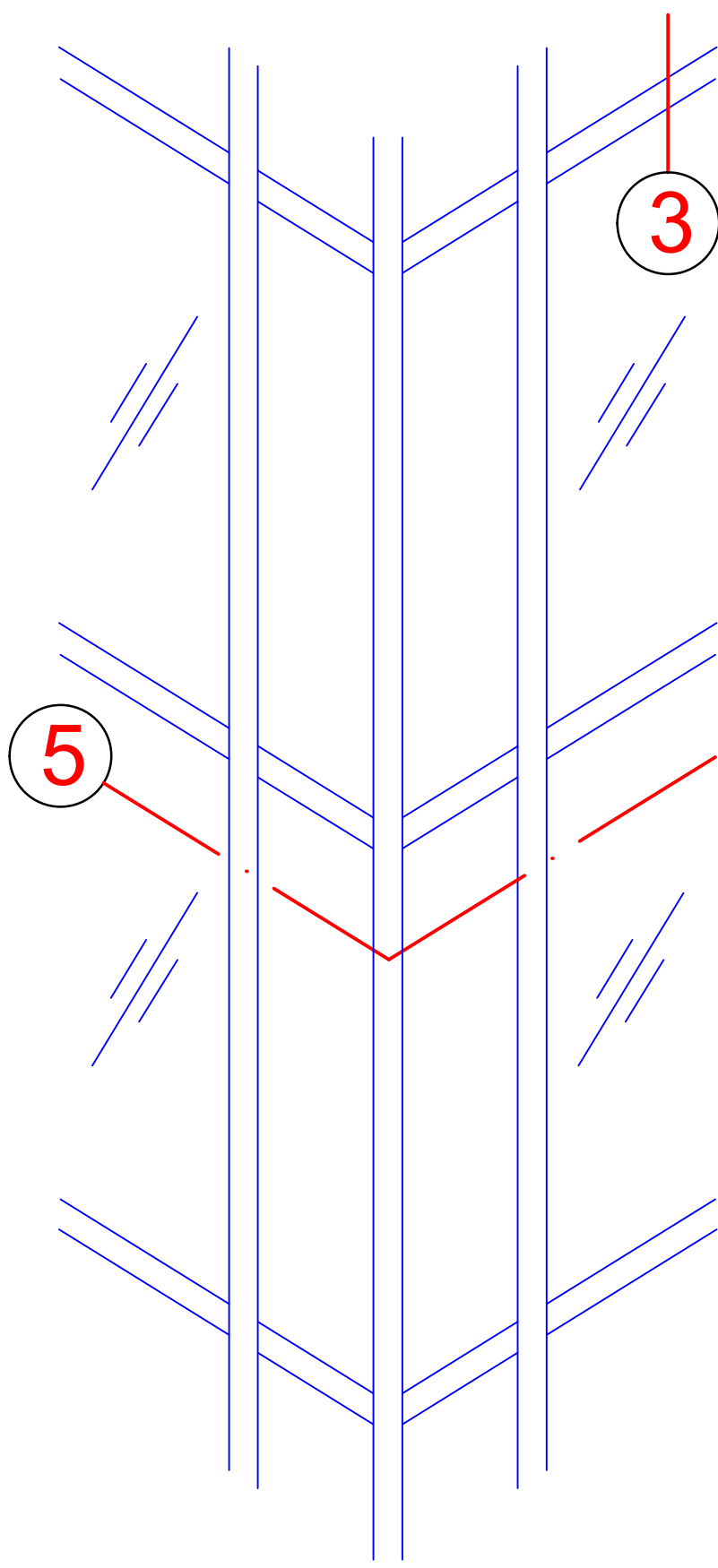
Festverglasung
Fixed glazing



90° Innenecke
90° inner corner



90° Außenecke
90° outer corner



Technische Informationen

Technical information

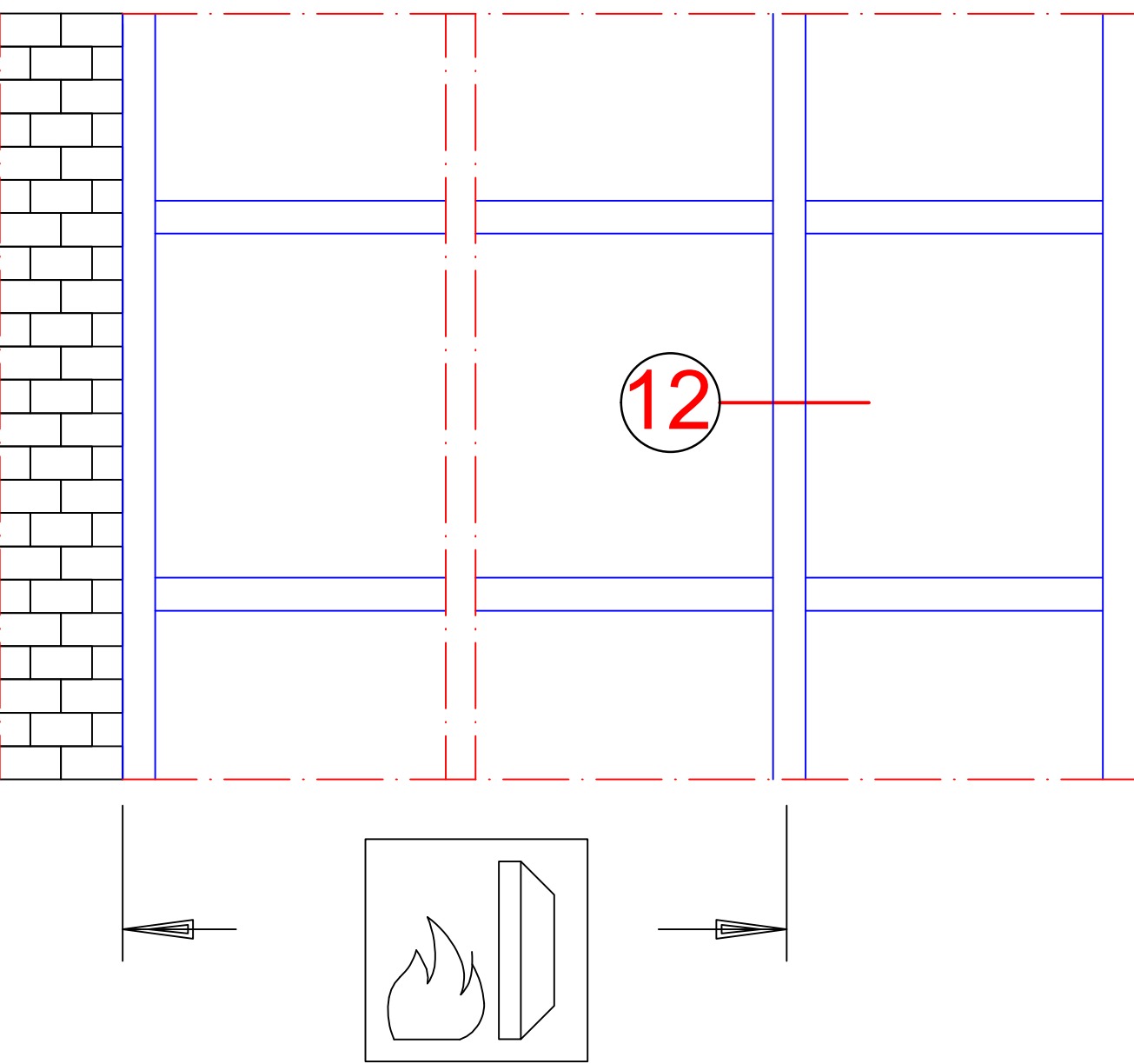
Prüfungen und Normen *** Tests and standards	
Wärmedämmung nach DIN EN ISO 10077-2 *	Uf = 0,70 -1,2 W/(m²K)
Thermal insulation in accordance with DIN EN ISO 10077-2	
Luftschalldämmung nach EN ISO 717-1 **	bis Rw 48 dB
Airborne sound insulation in accordance with EN ISO 717-1	Up to Rw 48 dB
Einbruchhemmung nach DIN V ENV 1627	Klasse WK2 / RC2
Burglar resistance in accordance with DIN V ENV 1627	Class WK2 / RC2
Luftdurchlässigkeit nach DIN EN 12152	Klasse AE
Air permeability in accordance with DIN EN 12152	Class AE
Schlagregendichtheit nach DIN EN 12155	Klasse RE 1200
Watertightness in accordance with DIN EN 12155	Class RE 1200
Windlastwiderstand nach EN 12179	2,0 KN/m²
Wind load resistance in accordance with EN 12179	3,0 KN/m²
Stoßfestigkeit DIN EN 14019, Belastung von innen / außen	Klasse I5 / E5
Impact resistance DIN EN 14019, load from inside / outside	Class I5 / E5

* Bewertung/Berechnung der Wärmedurchgangskoeffizienten Ucw eines Vorhangfassadenelements ist gemäß prEN 13947 durchzuführen.
Assessment/calculation of the Ucw thermal transmittance of a curtain wall unit must be carried out in accordance with prEN 13947.

** Objektbezogener Nachweis - wenn erforderlich
Project-specific certification – if necessary

*** Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder Elementkombination sind im Einzelfall anhand der ausführlichen Prüfdokumentation zu bestimmen.
The information describes the optimum values of the entire system.
The properties of a selected design option or unit combination have to be determined individually based on the comprehensive test documentation.

Übergang Brandschutz- / Standardfassade
Transition from fire-resistant façade to standard façade



Fixed glazing

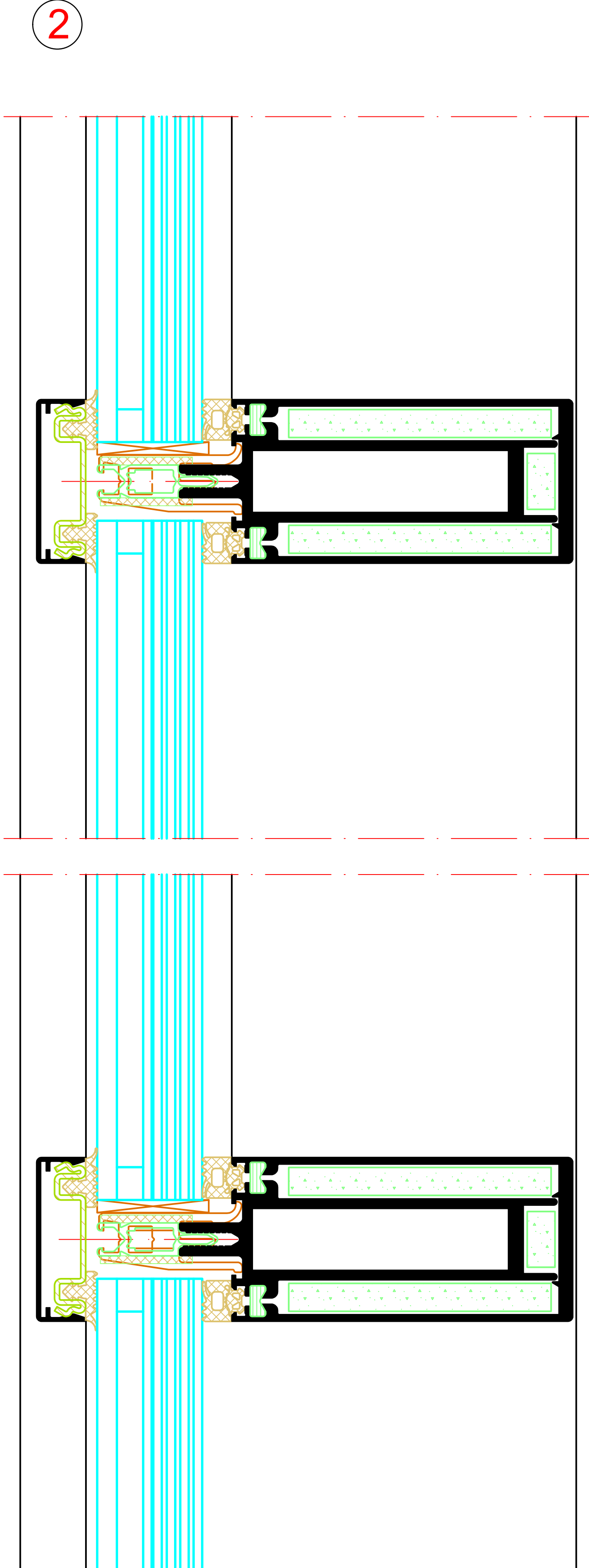
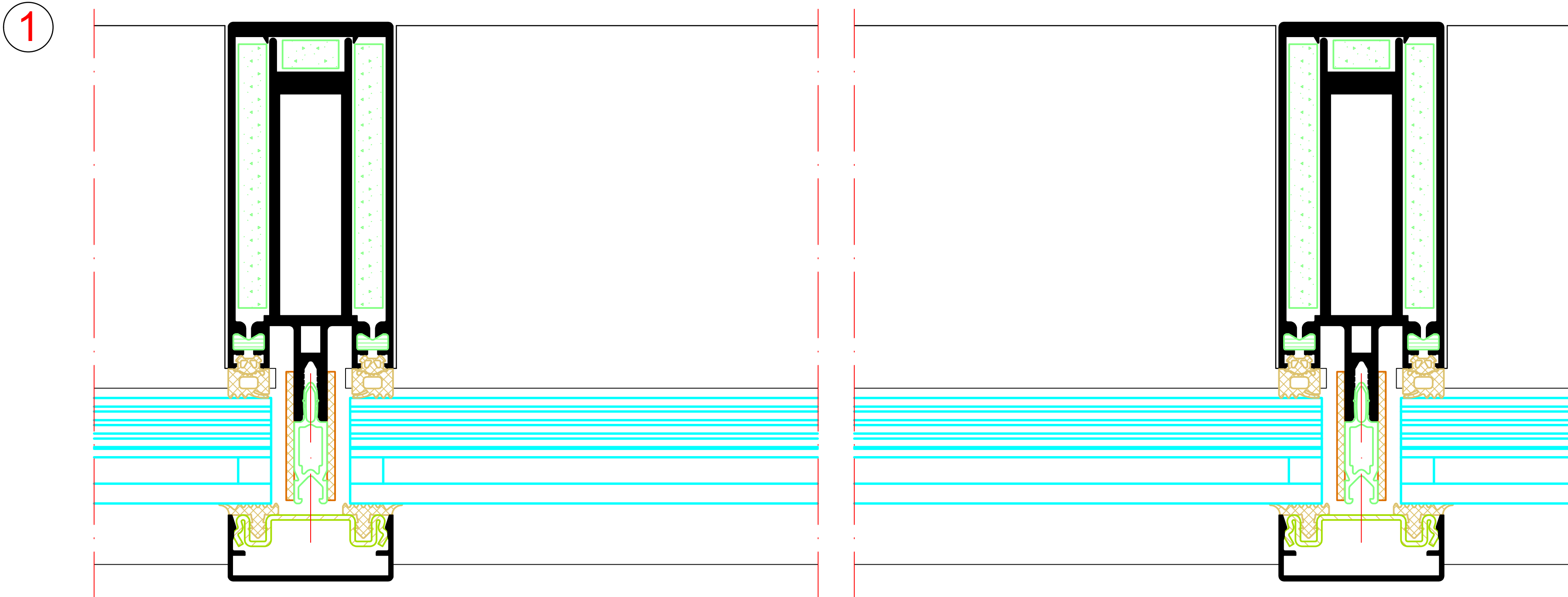
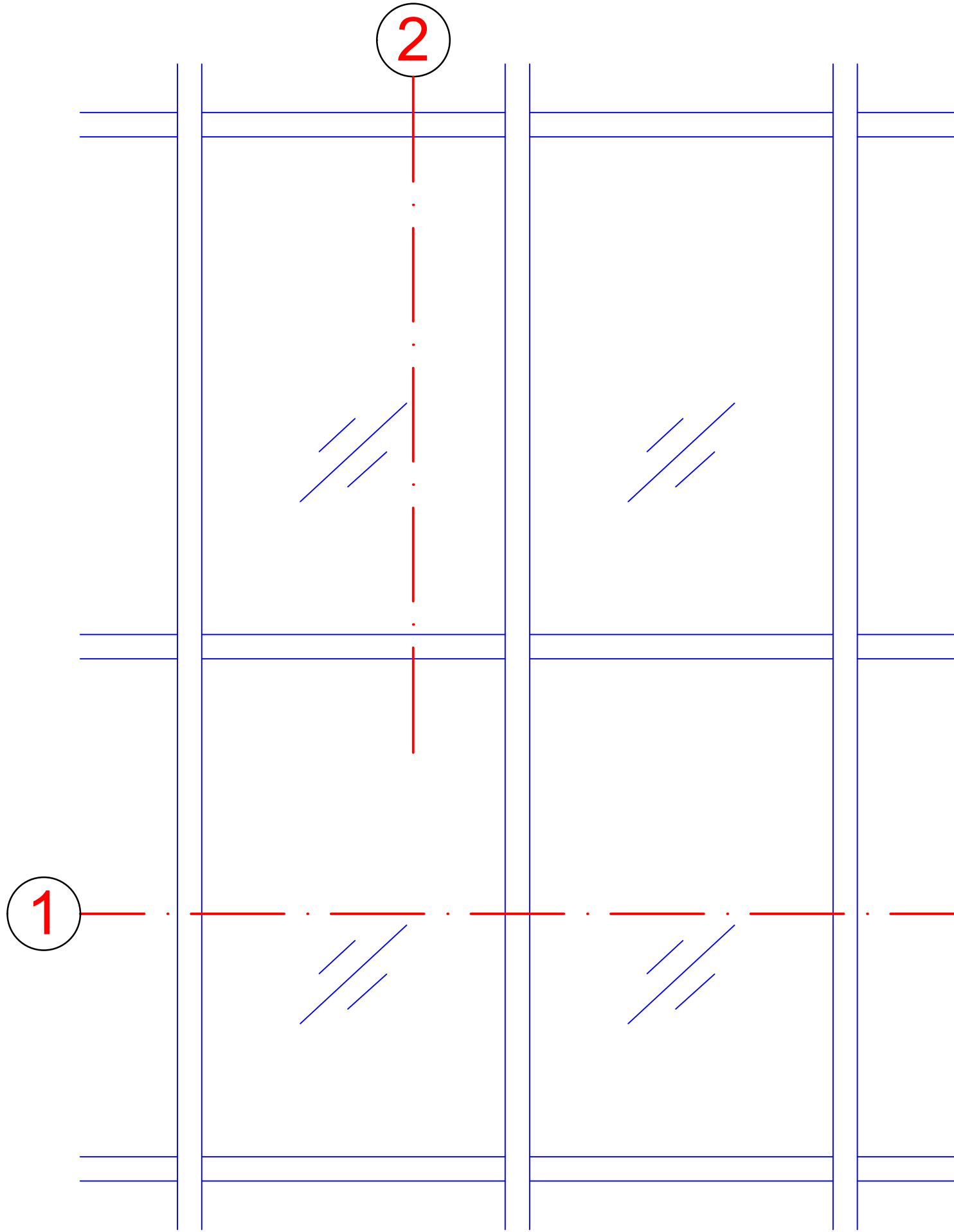
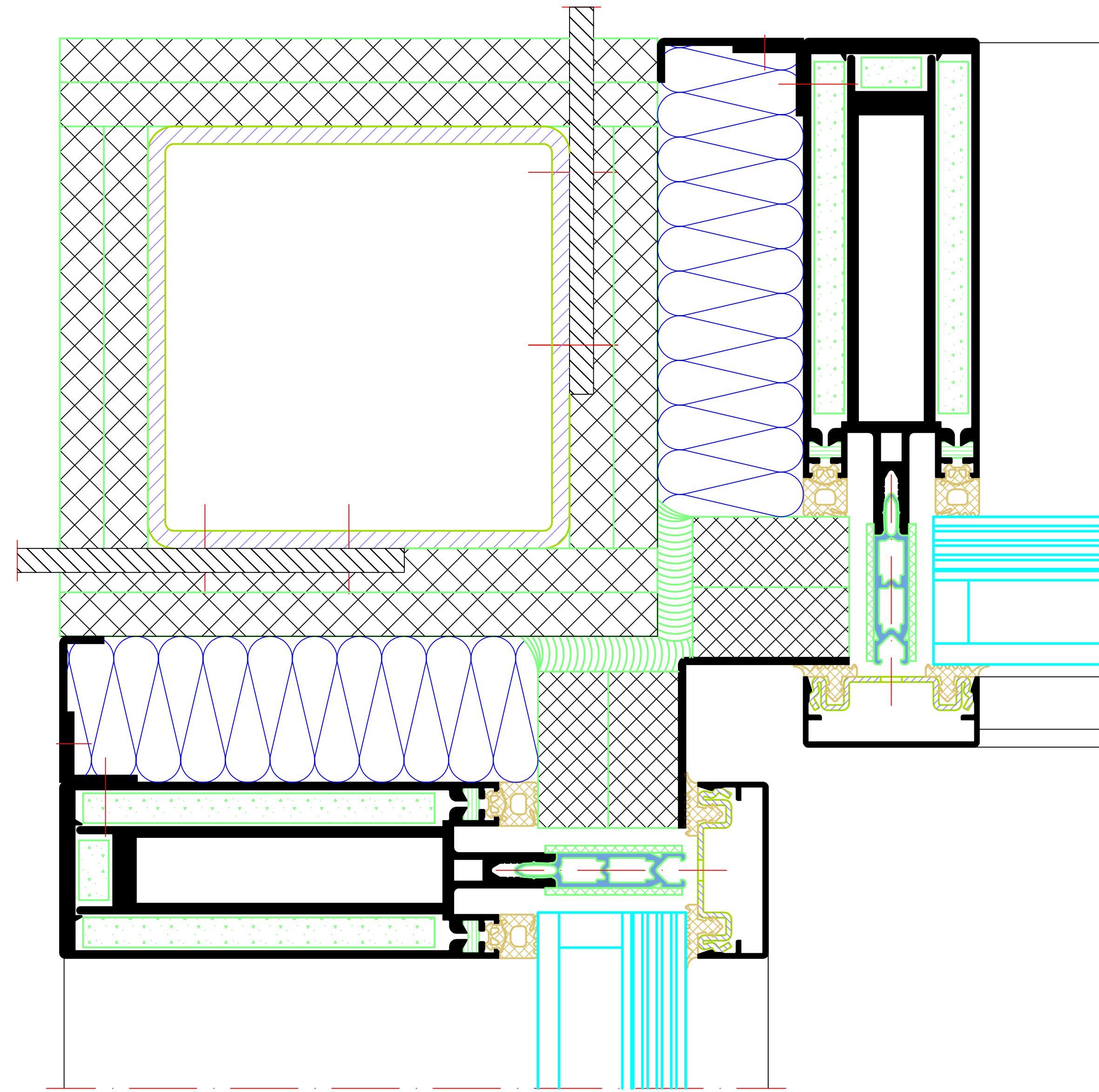
[illegible]

Diagram illustrating the construction of a complex geometric pattern using two steps:

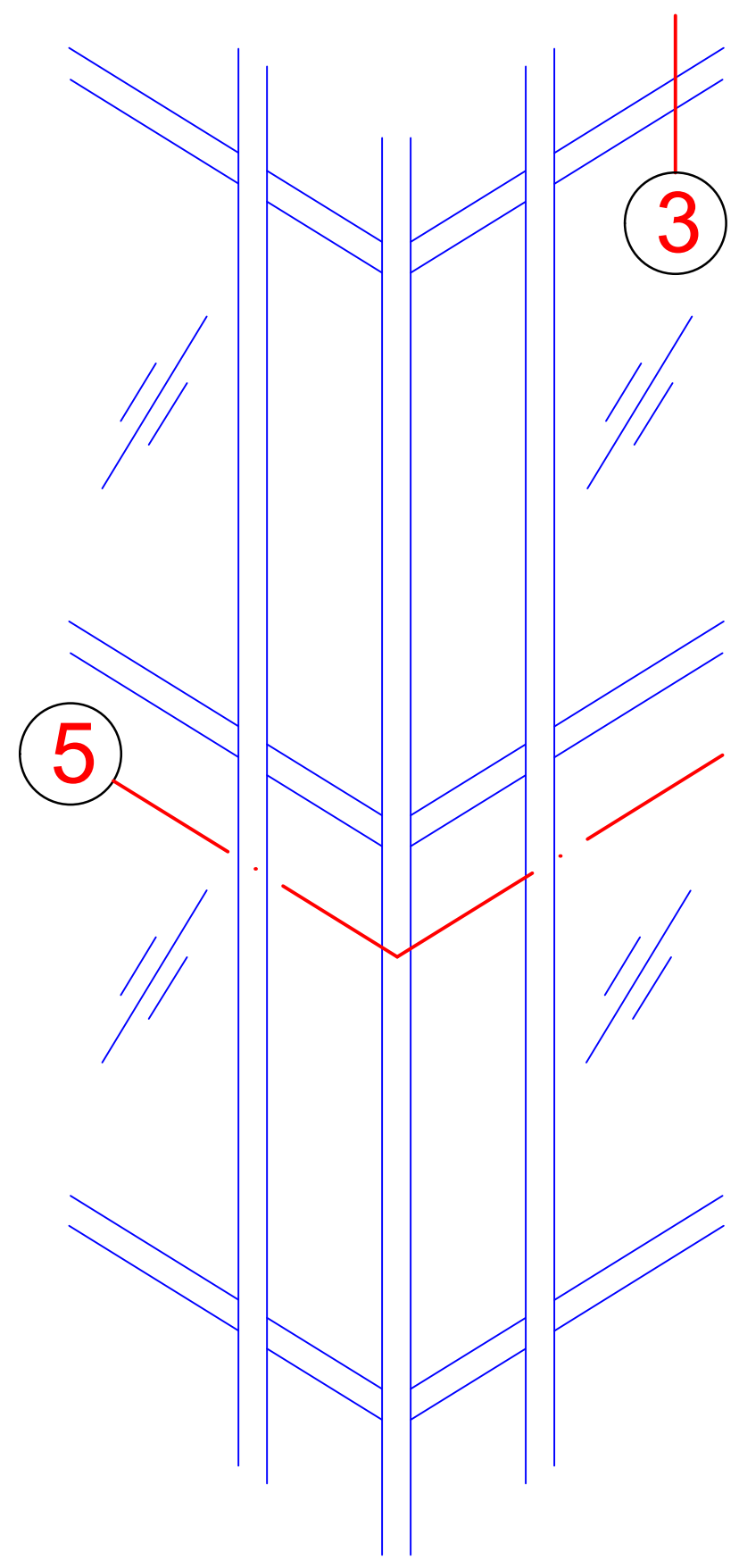
- Step 3:** A red line segment is added to a vertical line, forming a T-junction.
- Step 4:** A red line segment is added to a horizontal line, forming a T-junction.

Innenecke
Inner corner



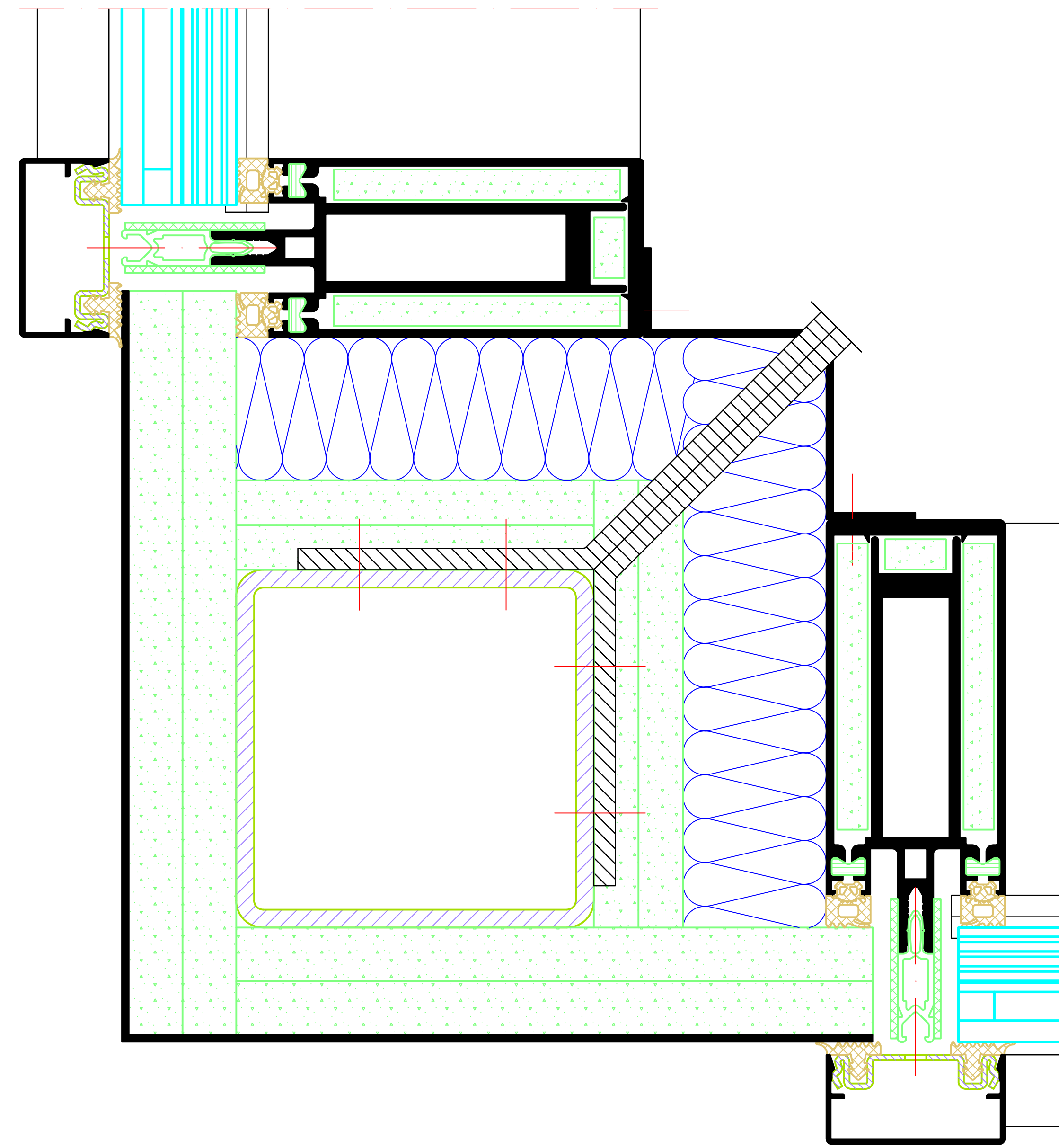
This technical cross-section diagram illustrates a window assembly. It features two panes of glass, represented by thick black lines. Between the panes is a central spacer, shown as a green rectangular block with a grid of small dots. The entire assembly is enclosed within a frame, depicted by a thick black line. The frame is sealed with a yellow, textured material, likely a sealant or gasket. The diagram is divided into two symmetrical halves by a vertical dashed red line, indicating a cross-section. The top half shows the interior of the window, while the bottom half shows the exterior. The glass panes are labeled with 'A' and 'B' at the top and bottom edges. The spacer is labeled with 'C' on the left and right sides. The frame is labeled with 'D' on the left and right sides. The sealant is labeled with 'E' on the left and right sides. The diagram is a detailed technical drawing, likely for a patent or technical manual.

90° Außenecke
90° outer corner

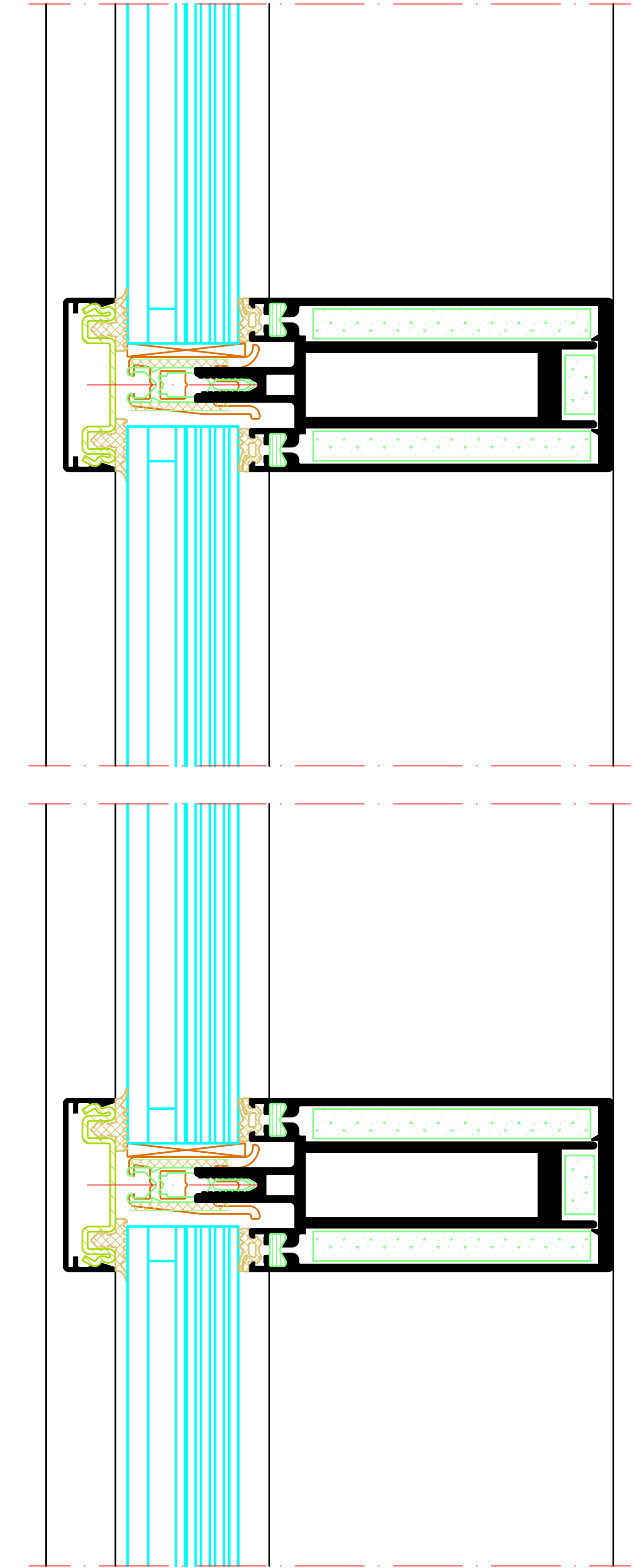


5

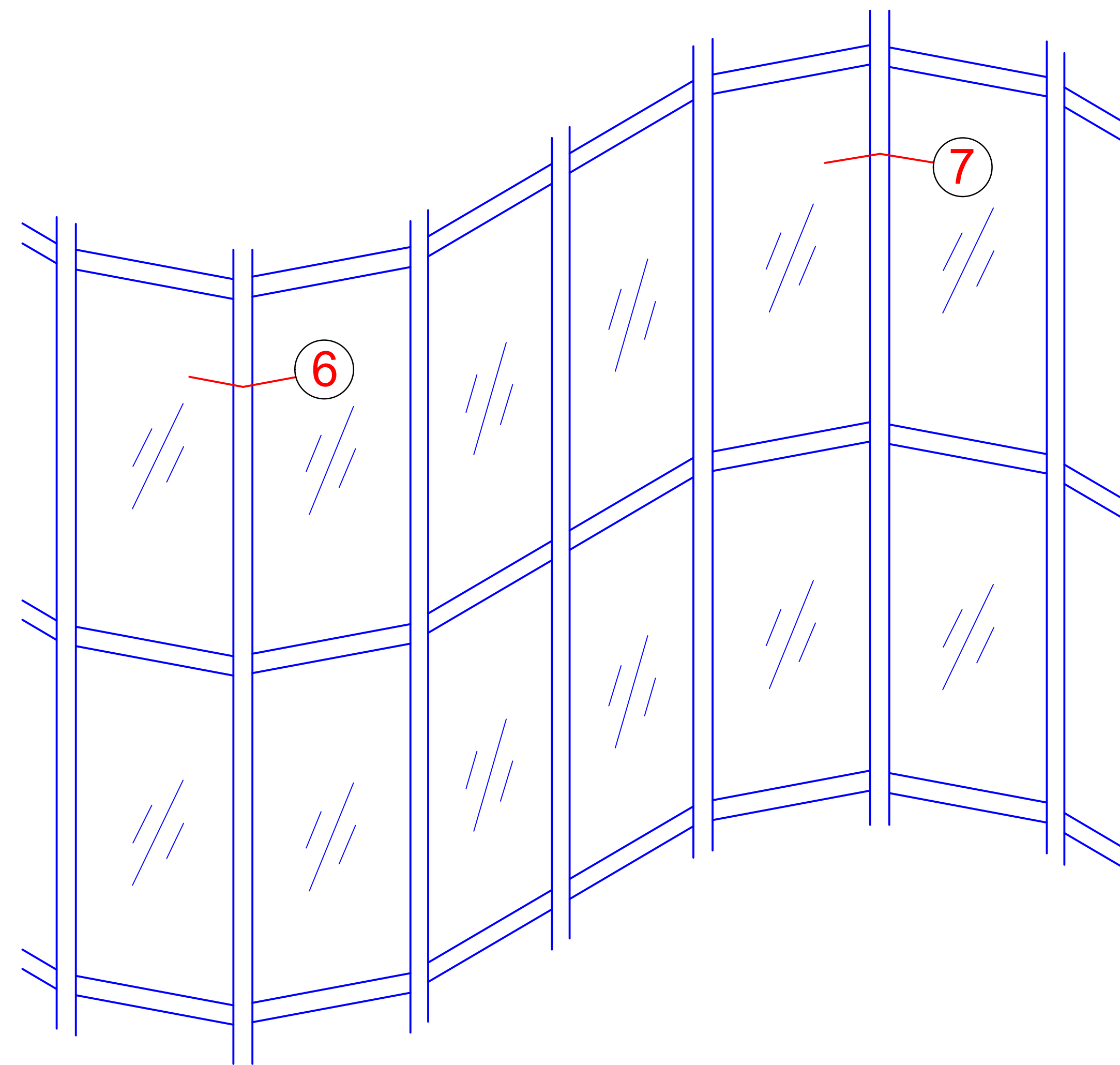
Außenecke
Outer corner



③

[illegible]

Segmentierung
Faceting



Technische Informationen

Technical information

Prüfungen und Normen ***

Tests and standards

Wärmedämmung nach DIN EN ISO 10077-2 *	Uf = 0,70 -1,2 W/(m²K)
Thermal insulation in accordance with DIN EN ISO 10077-2	
Luftschalldämmung nach EN ISO 717-1 **	bis Rw 48 dB
Airborne sound insulation in accordance with EN ISO 717-1	Up to Rw 48 dB
Einbruchhemmung nach DIN V ENV 1627	Klasse WK / RC2
Burglar resistance in accordance with DIN V ENV 1627	Class WK/RC 2
Luftdurchlässigkeit nach DIN EN 12152	Klasse AE
Air permeability in accordance with DIN EN 12152	Class AE
Schlagregendichtheit nach DIN EN 12155	Klasse RE 1200
Watertightness in accordance with DIN EN 12155	Class RE 1200
Windlastwiderstand nach EN 12179	2,0 kN/m²
Wind load resistance in accordance with EN 12179	3,0 kN/m²
Stoßfestigkeit DIN EN 14019, Belastung von innen / außen	Klasse I5 / E5
Impact resistance DIN EN 14019, load from inside / outside	Class I5 / E5

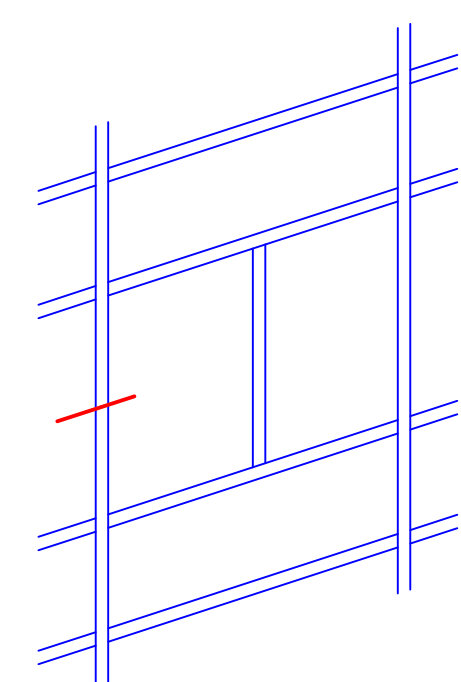
* Bewertung/Berechnung der Wärmedurchgangskoeffizienten U_{cw} eines Vorhangfassadenelements ist gemäß prEN 13947 durchzuführen.
Assessment/calculation of the U_{cw} thermal transmittance of a curtain wall unit must be carried out in accordance with prEN 13947.

**** Objektbezogener Nachweis - wenn erforderlich**
Project-specific certification – if necessary

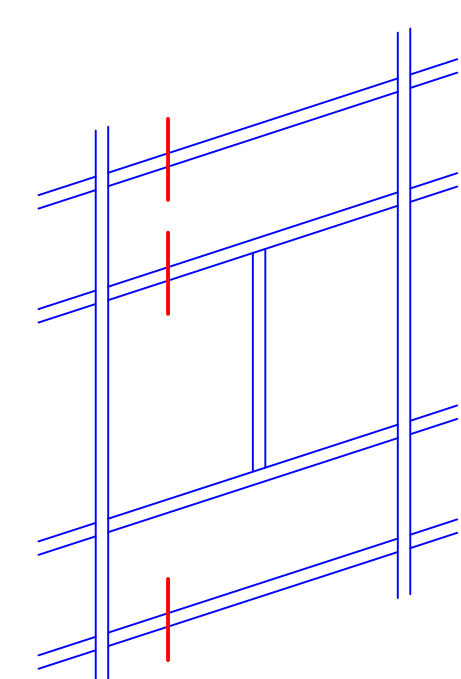
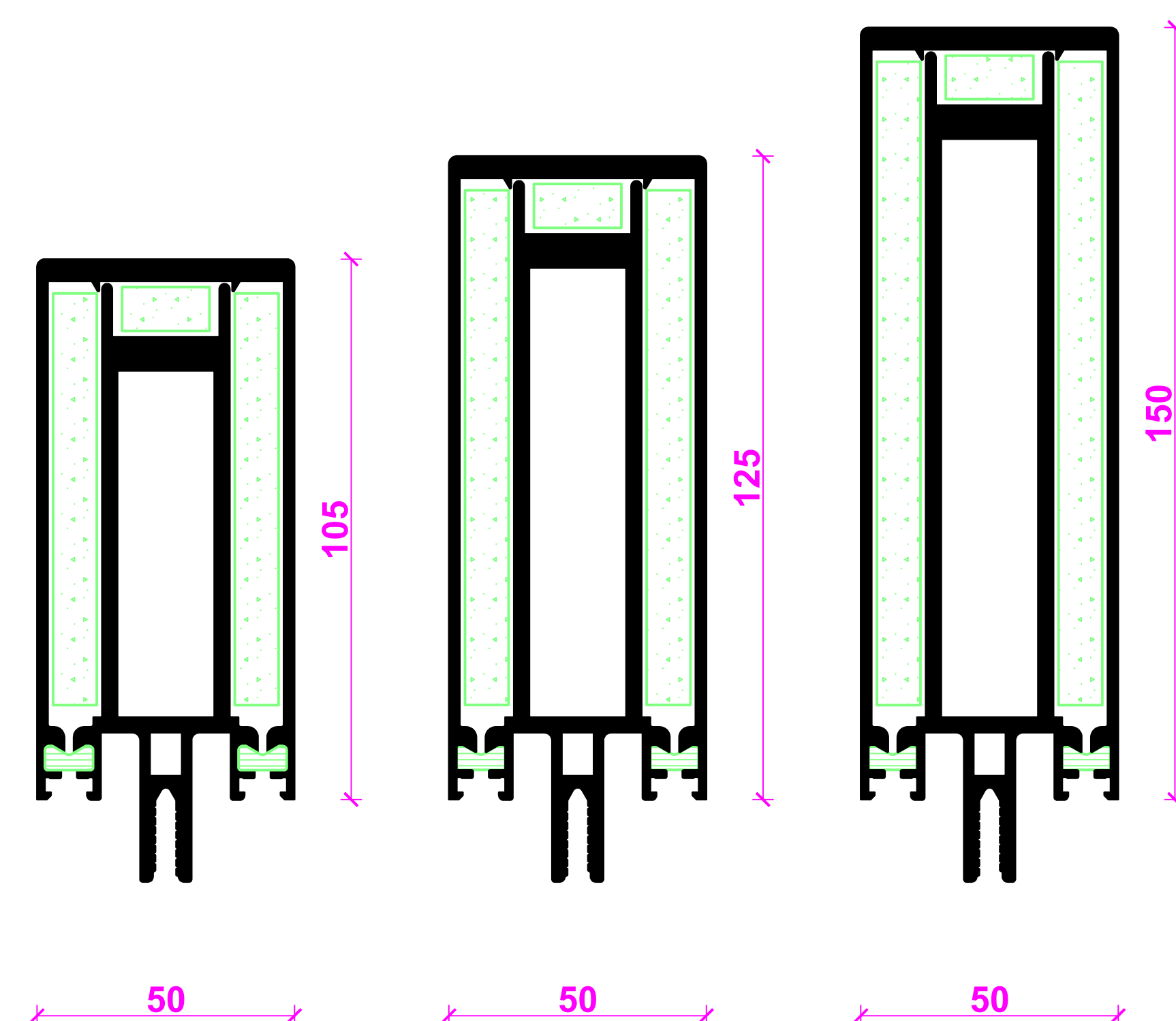
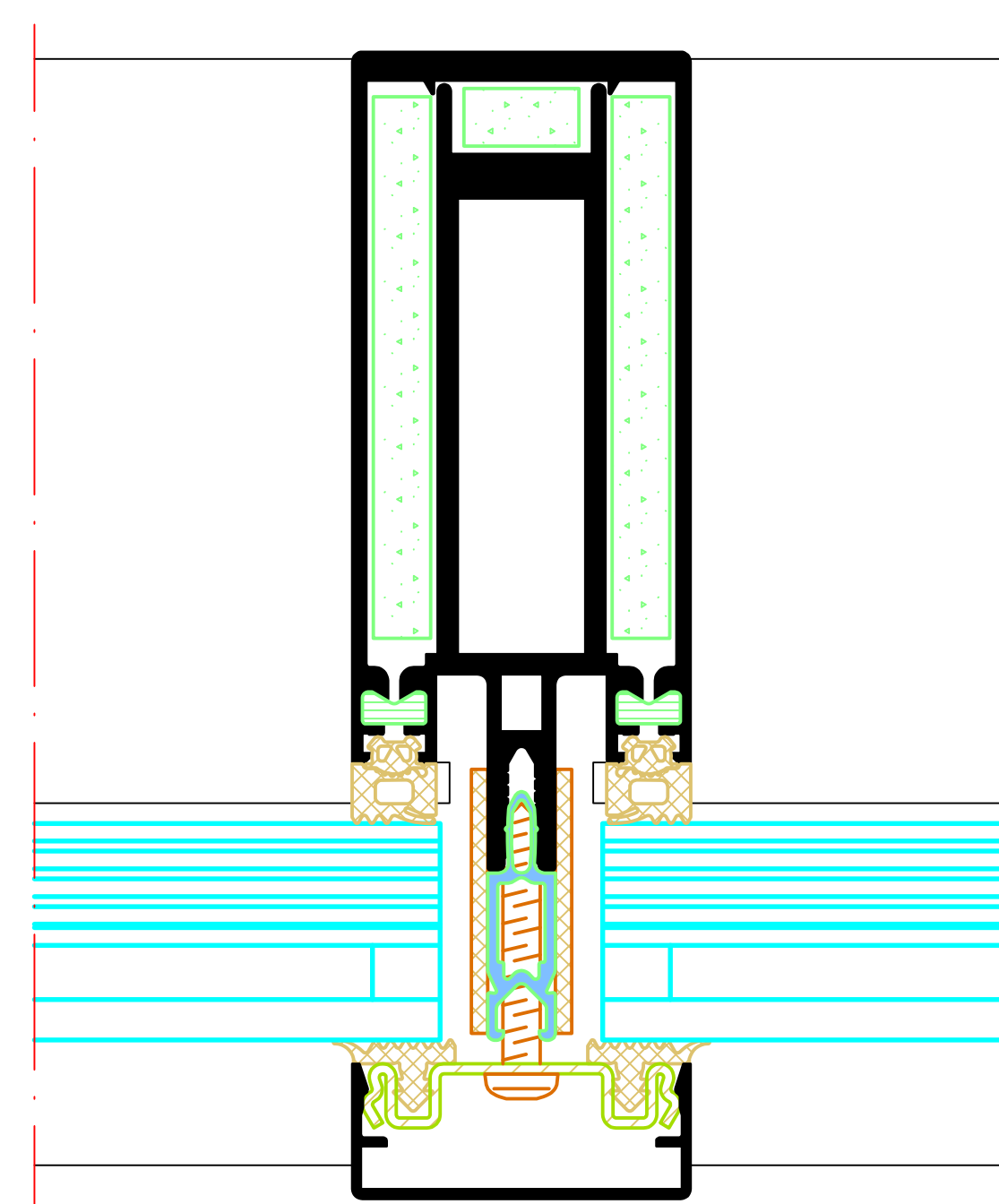
*** Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

The information describes the optimum values of the entire system.
The properties of a selected design option or unit combination have to be
determined individually based on the comprehensive test documentation.

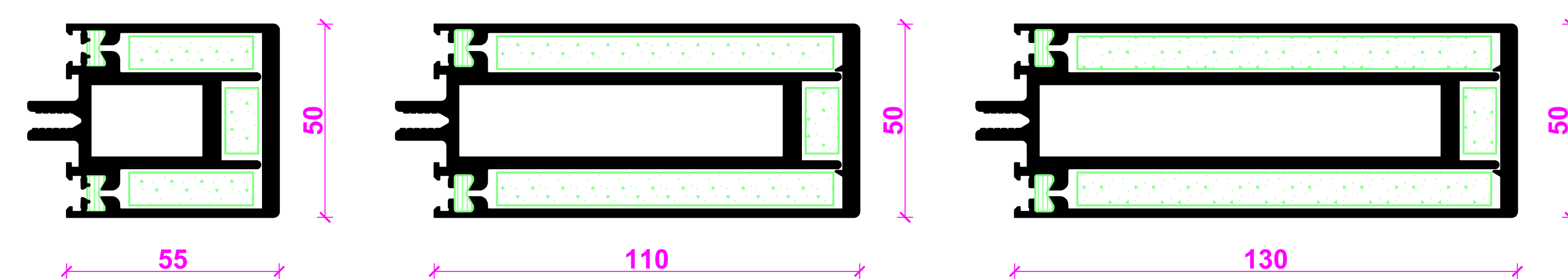
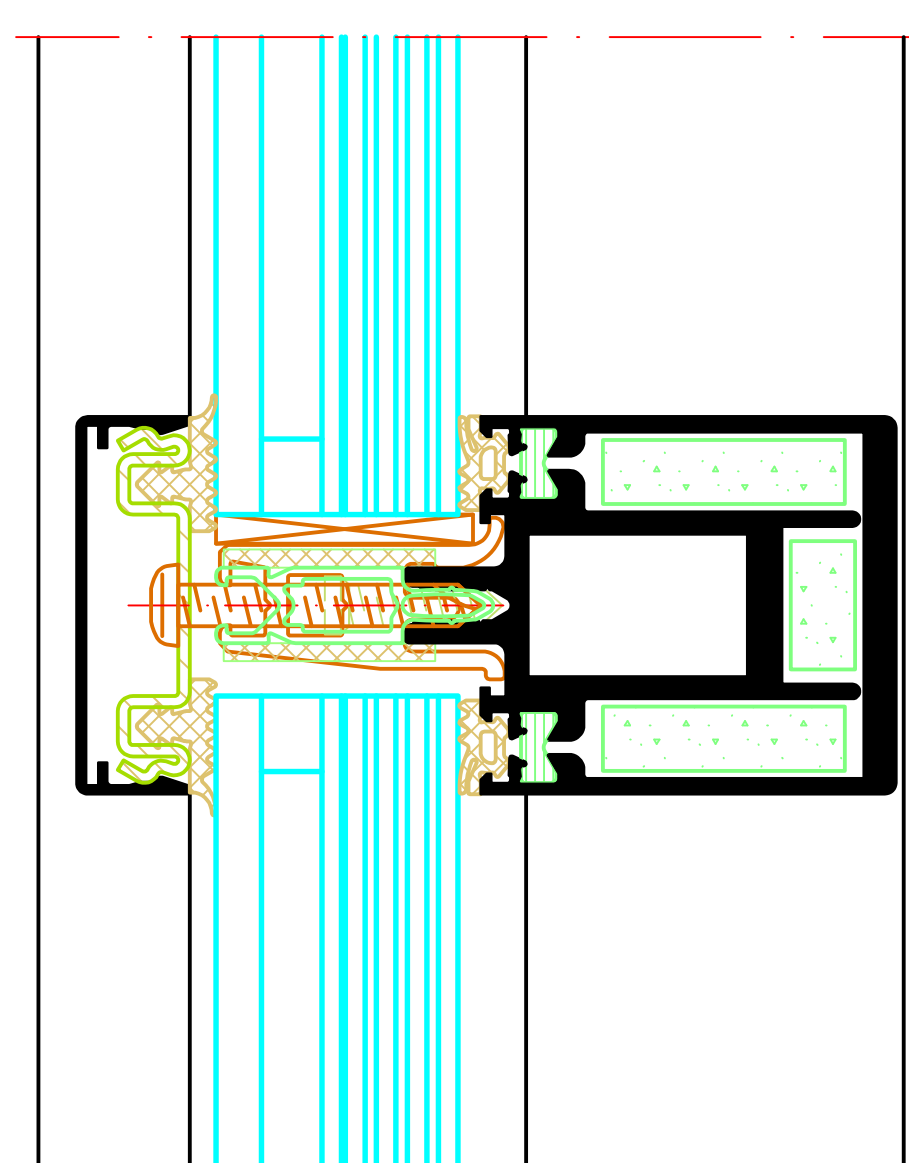
A diagram of a 3D grid structure, similar to the one in the previous block. It consists of vertical and horizontal blue lines forming a series of rectangular cells. Some cells contain two parallel blue diagonal lines. Two red lines point to specific vertical grid lines, labeled with red numbers 6 and 7 inside white circles. Label 6 points to a vertical line in the second column from the left, and label 7 points to a vertical line in the fourth column from the left.

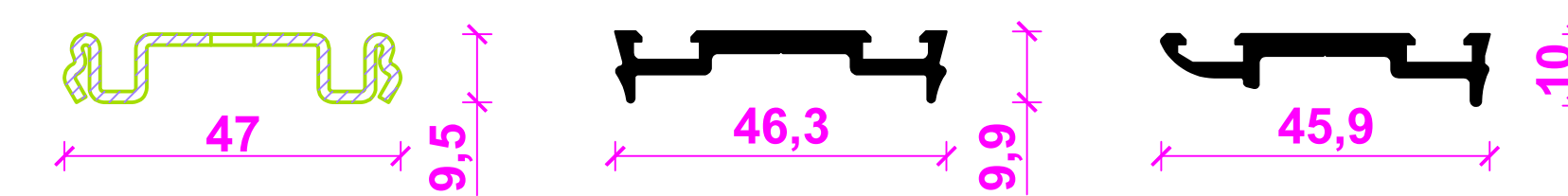
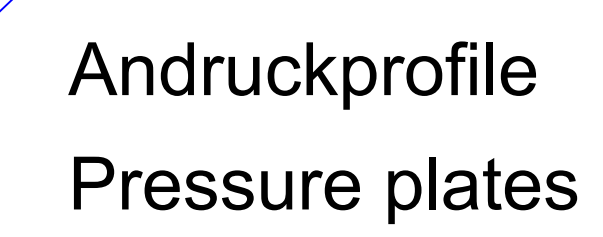
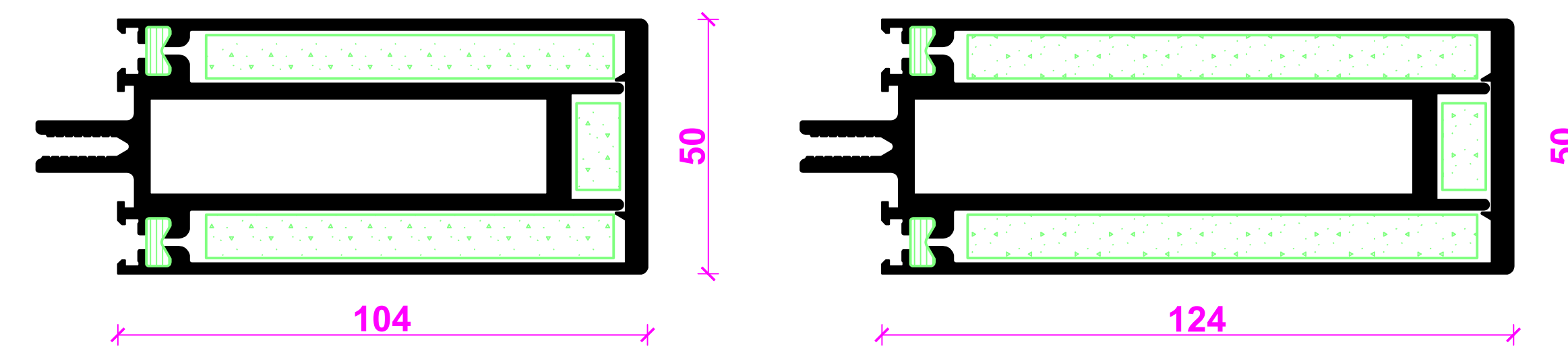
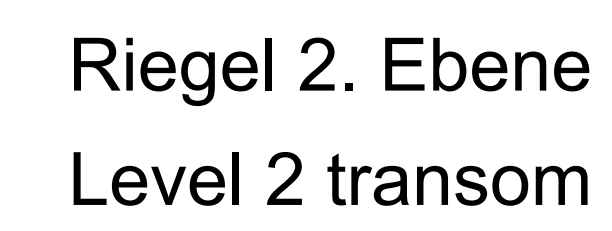


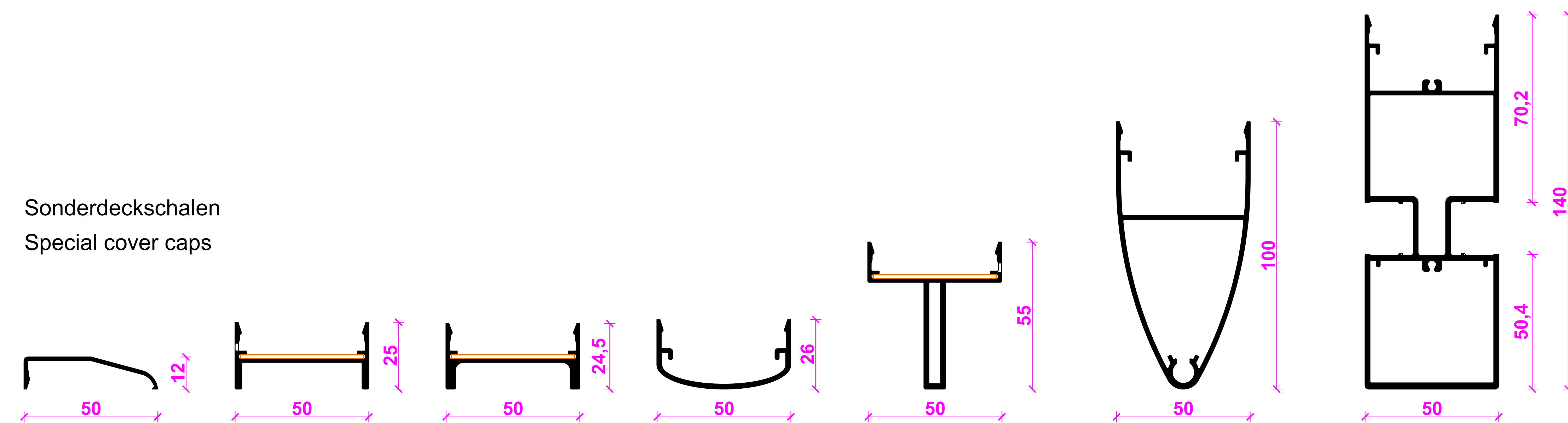
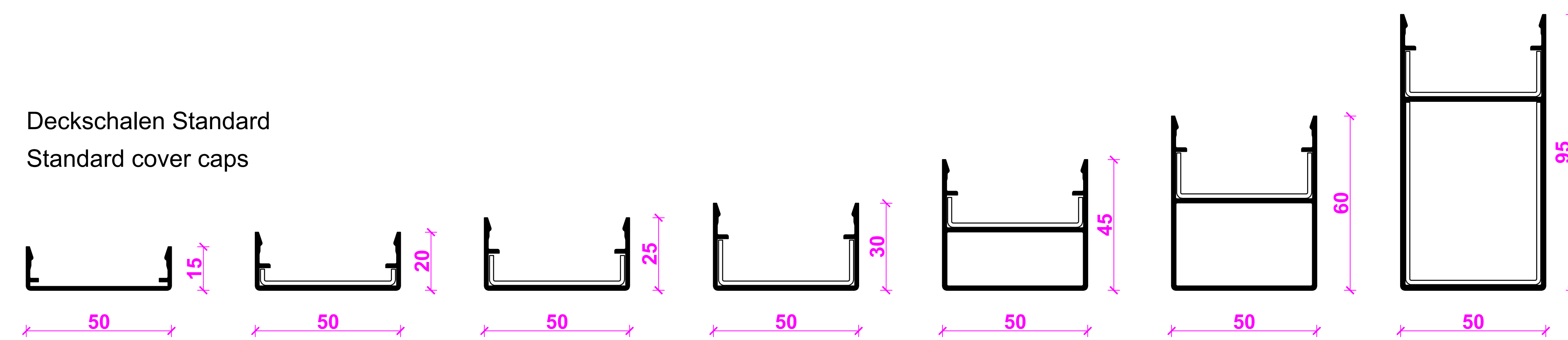
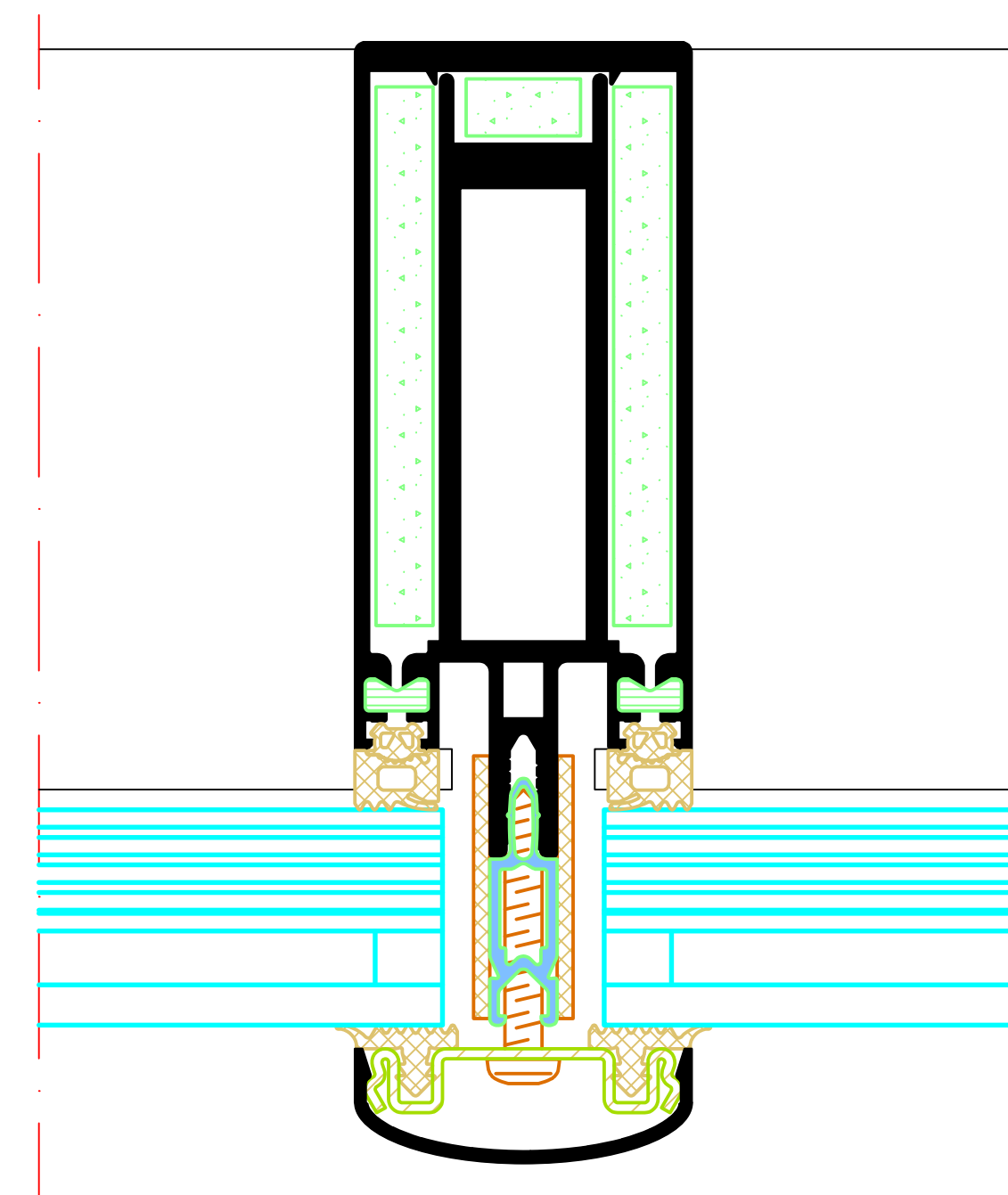
Pfosten
Mullions

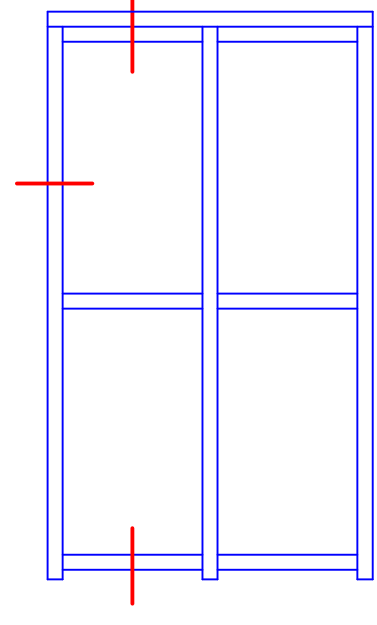


Riegel 1. Ebene
Level 1 transom

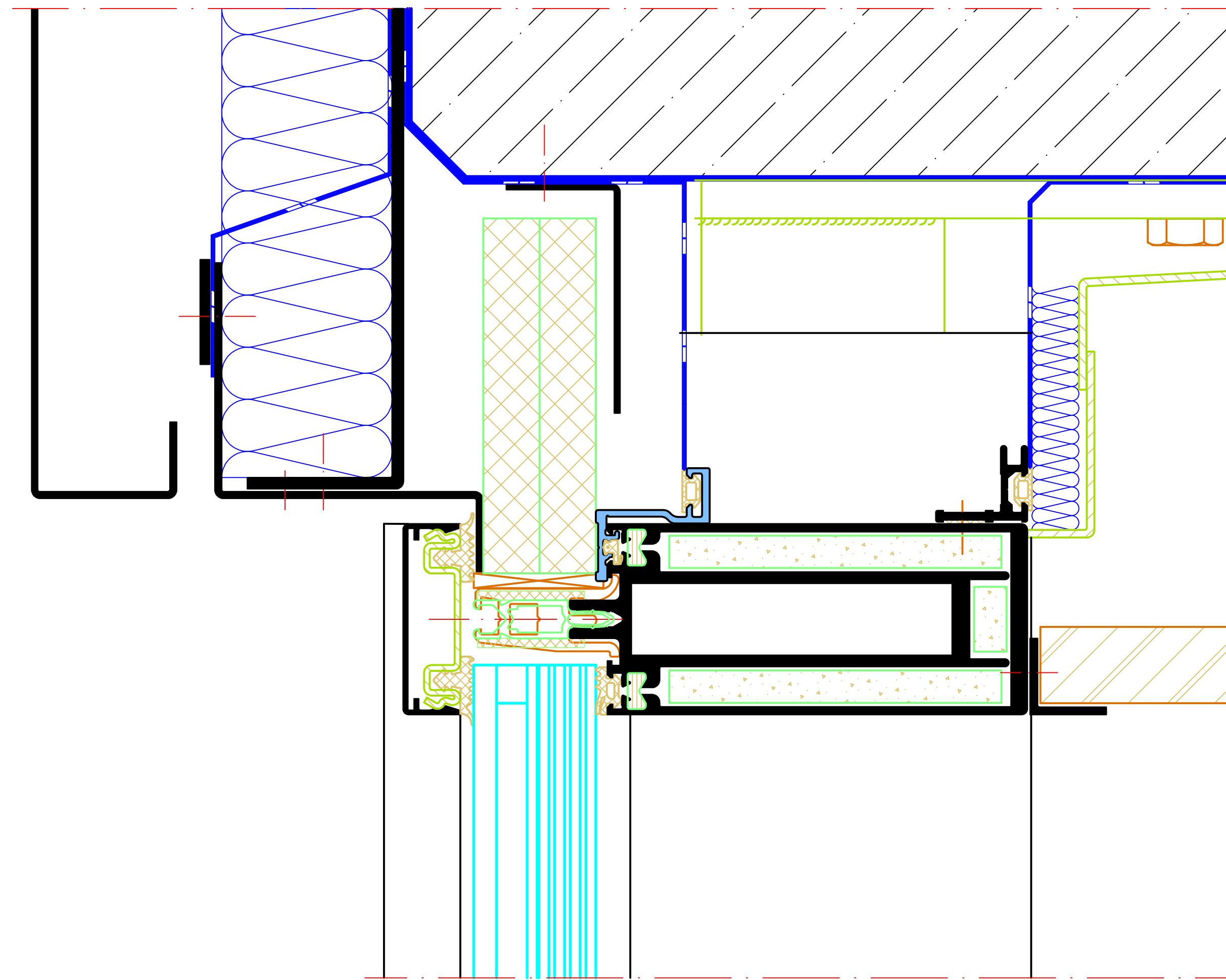




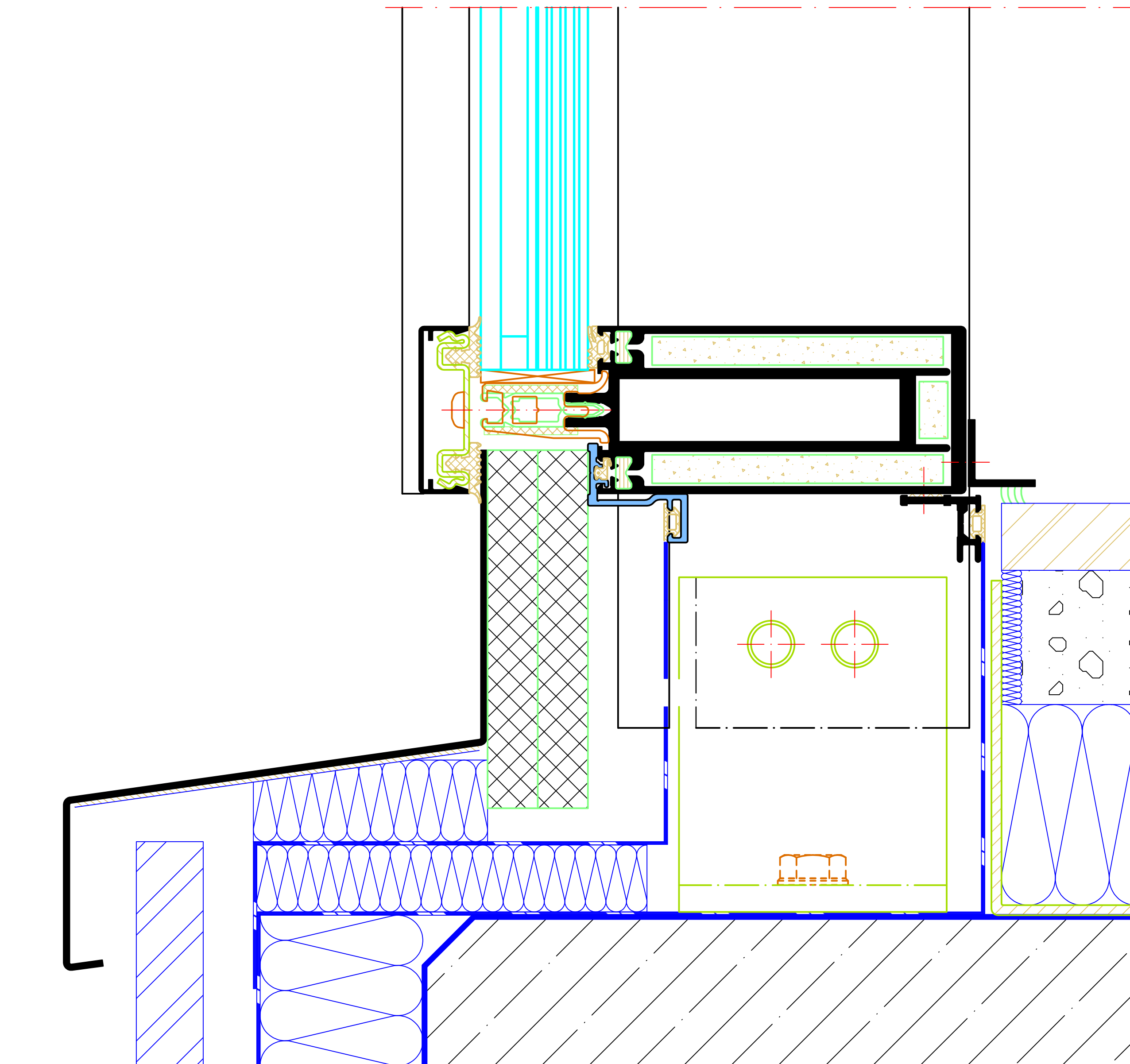




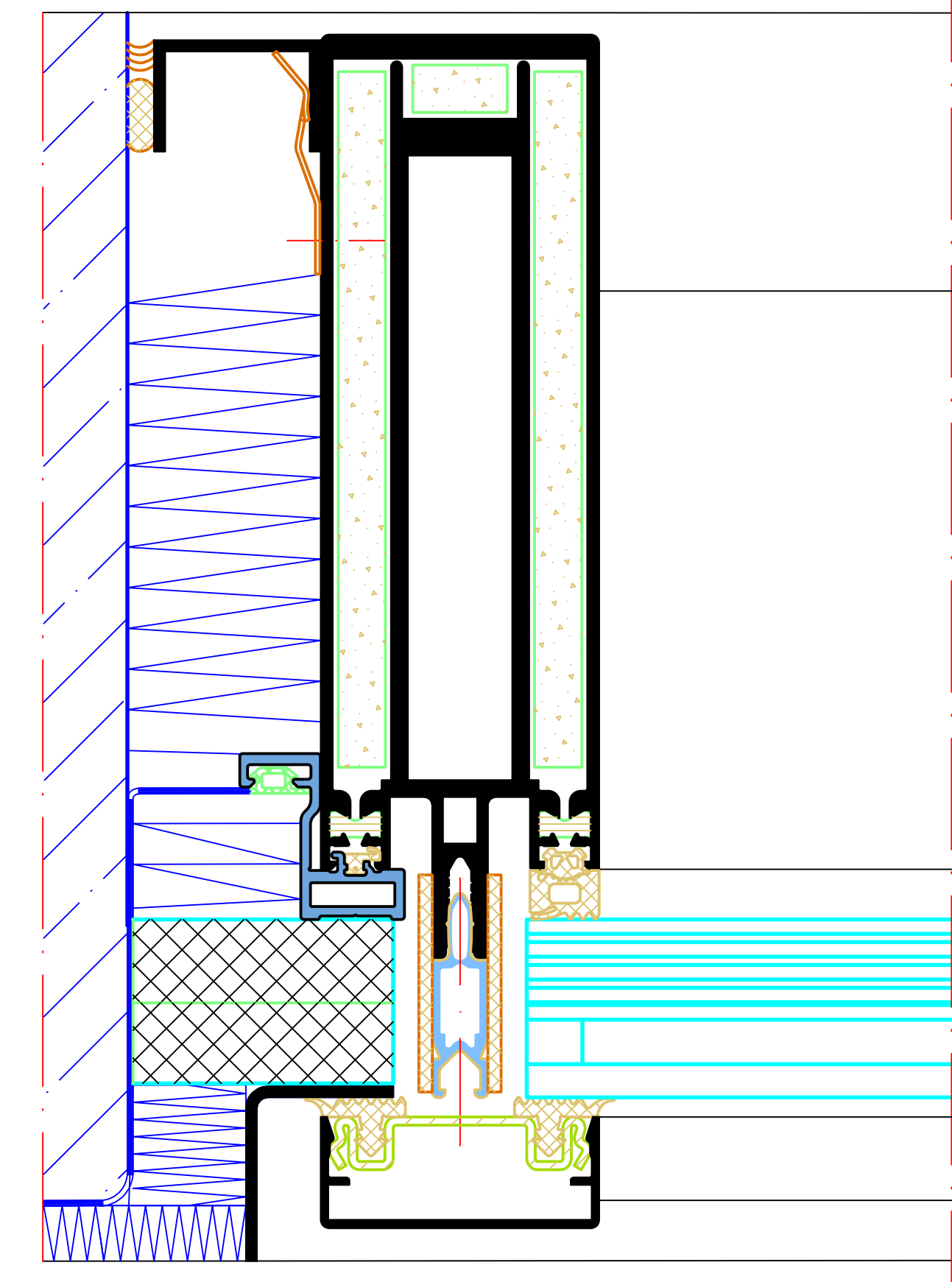
Baukörperanschlussprofil - Oberer Anschluss
Profile for attachment to building structure - top attachment

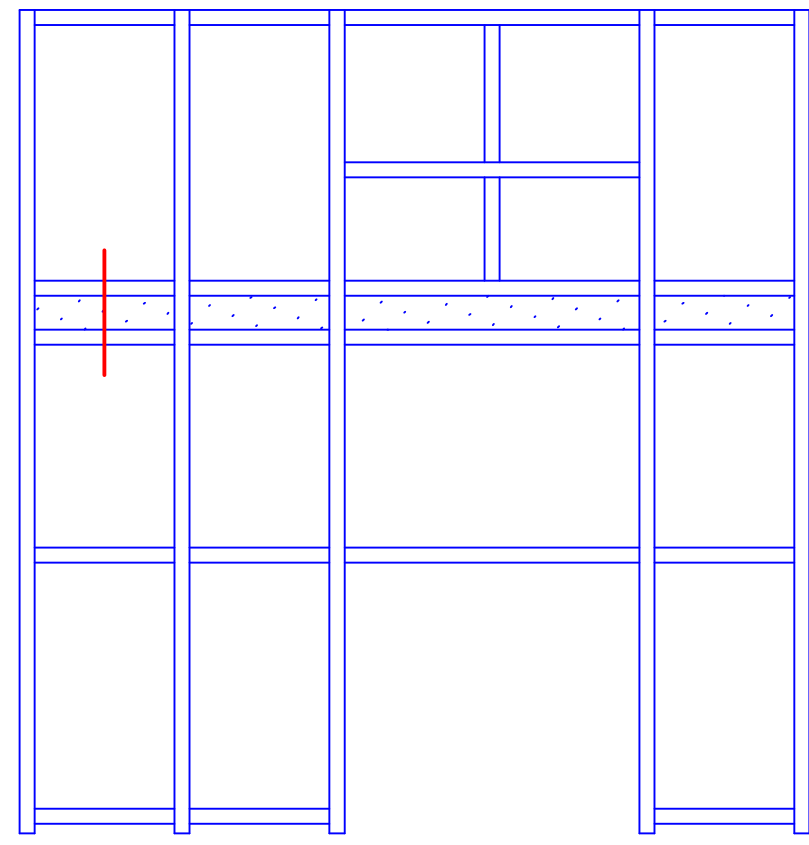


Baukörperanschlussprofil - Unterer Anschluss
Profile for attachment to building structure - bottom attachment

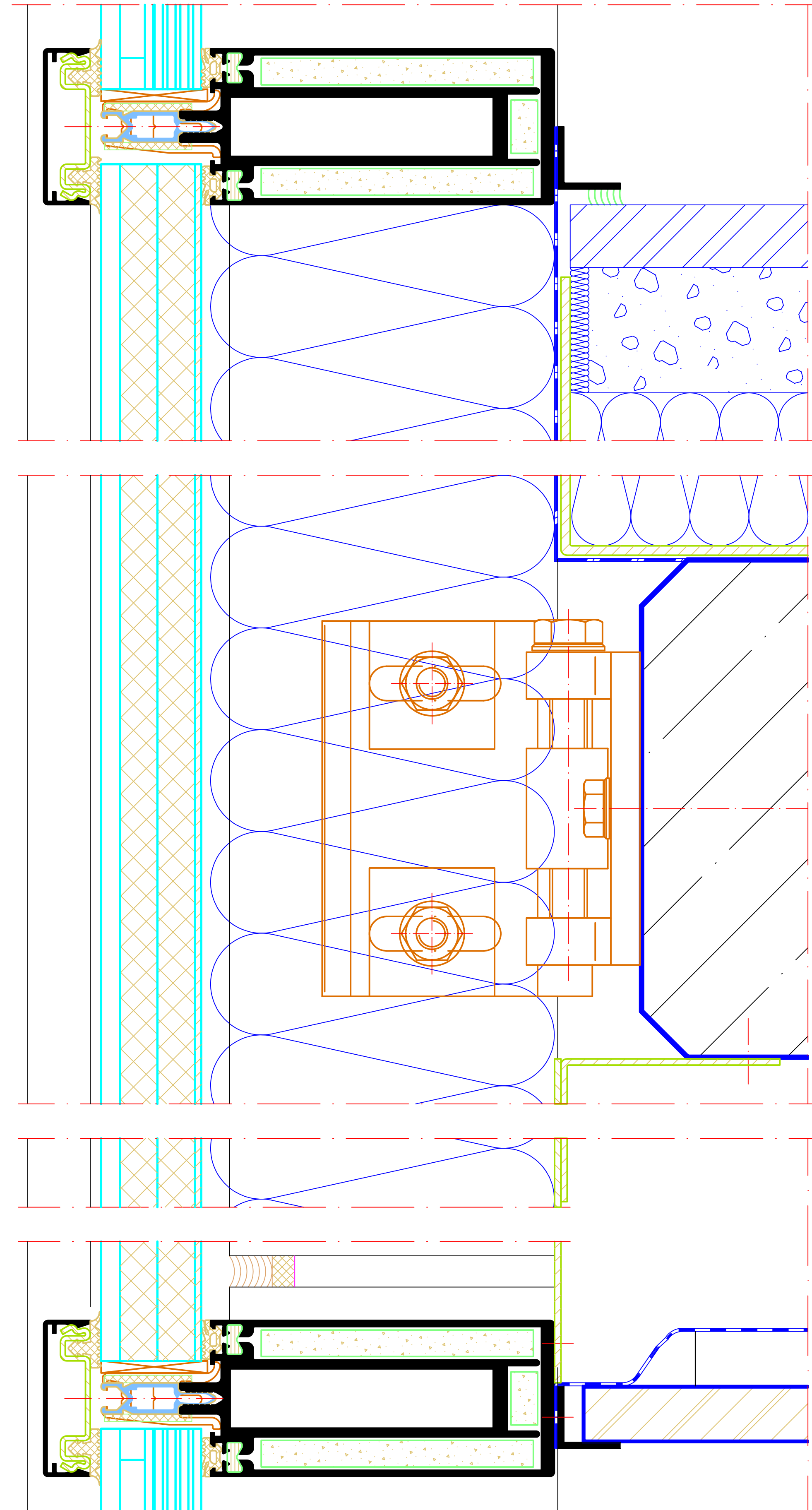


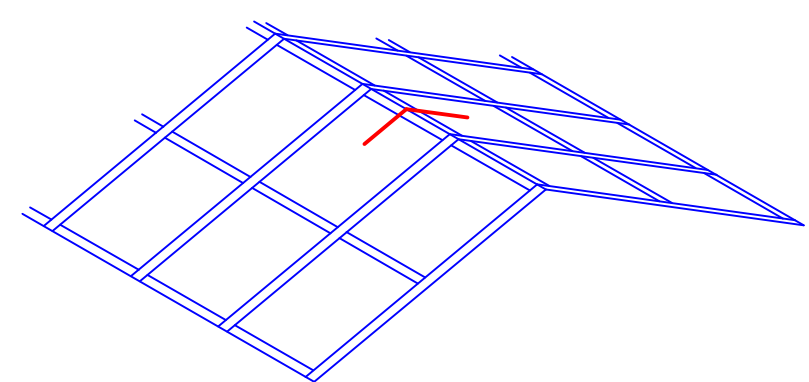
Baukörperanschlussprofil - Seitlicher Anschluss
Profile for attachment to building structure - side attachment



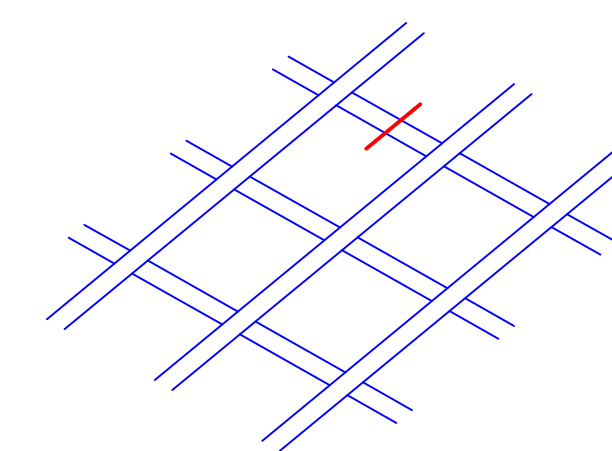
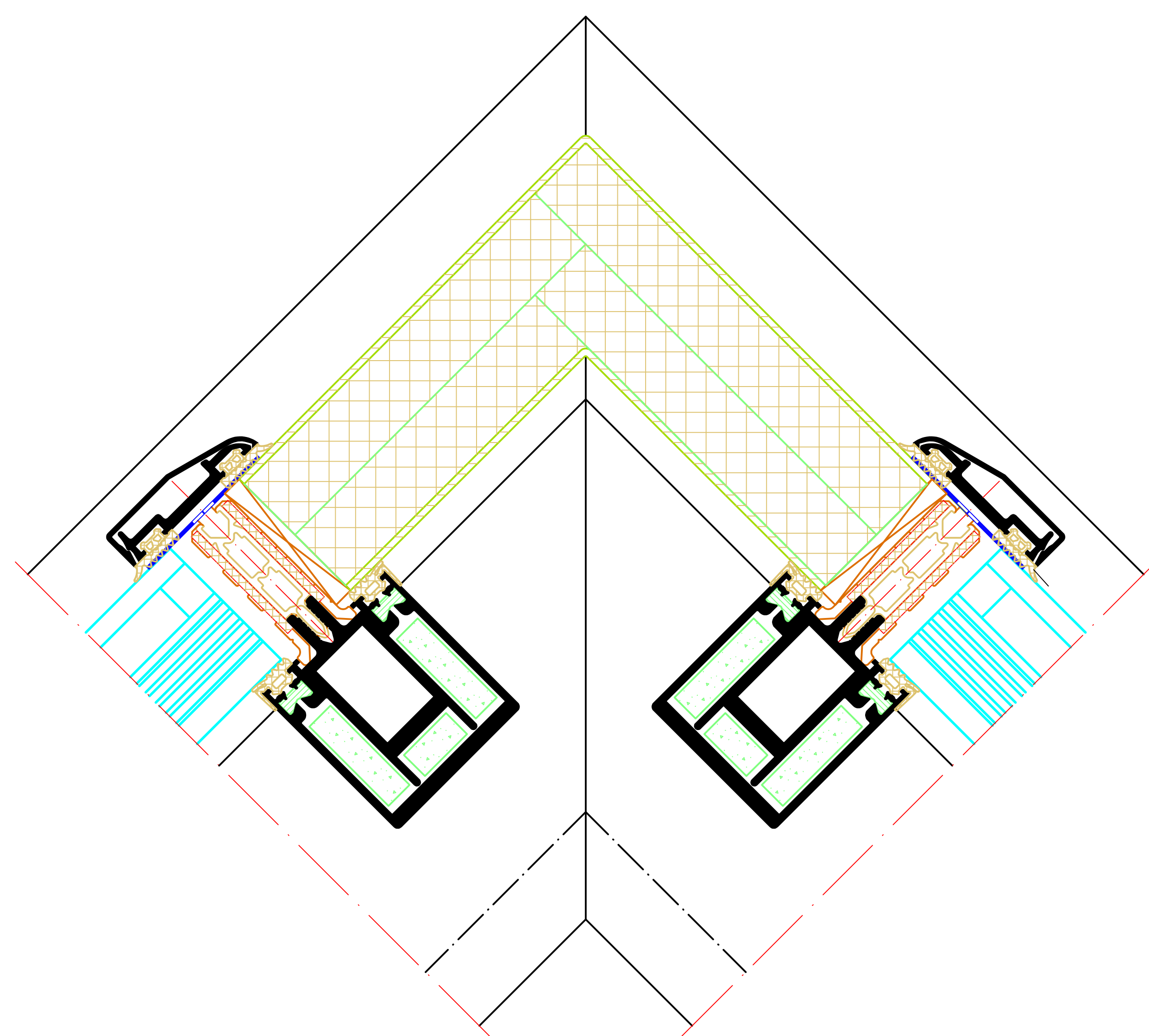


Baukörperanschlussprofil
Profile for attachment to building
structure





Satteldach
Saddle roof



Pulldach
Mono-pitch
roof

