

No.	Change	CM-No.	Date	Date
A		N/A	2022-11-18	

Automatic Curved sliding door system CD Concave

Design:
Fully automatic double-leaf curved convex sliding door with self-learning 32 bit door control system, low-noise, long-life door leaf guides, start impulse via motion detector; sensor protection incl. overcurrent detection; i-record connection via bluetooth

Dimensions:
Inside Radius IR : from 800 [mm]
Side part radius STR : IR+33 [mm]
Passage width A : from 1000 [mm]
Passage height G : 2200-3000 [mm]
Total height J : 2400-3300 [mm]
Profile system ALU 30 width [mm]
The possibility of constructing a door with dimensions outside the specified ranges can be discussed individually

Glass:
Profile system 30 [mm] - 19,52 [mm] max. glass thickness

Glass types:
• Laminated safety glass
• Insulated glass
• P4A and P5A for RC2/RC3

BDE-D flush mount as standard

Options:

Purposes:
• Standard
• Escape and rescue route

Surface options:
• Raw/untreated Aluminium
• Aluminium powder coating
• Anodized Aluminium
• Cladding (stainless steel/brass/bronze/etc.)

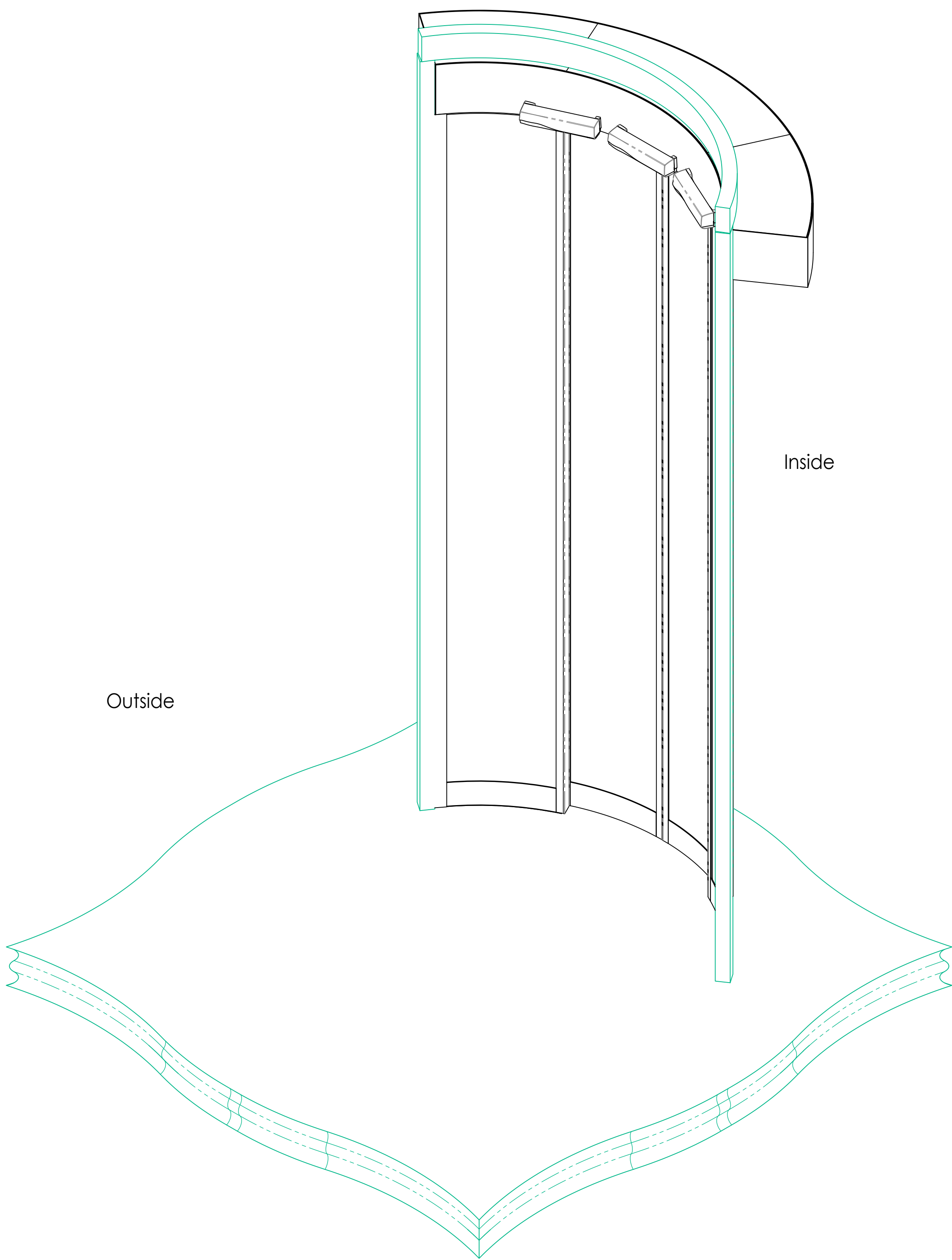
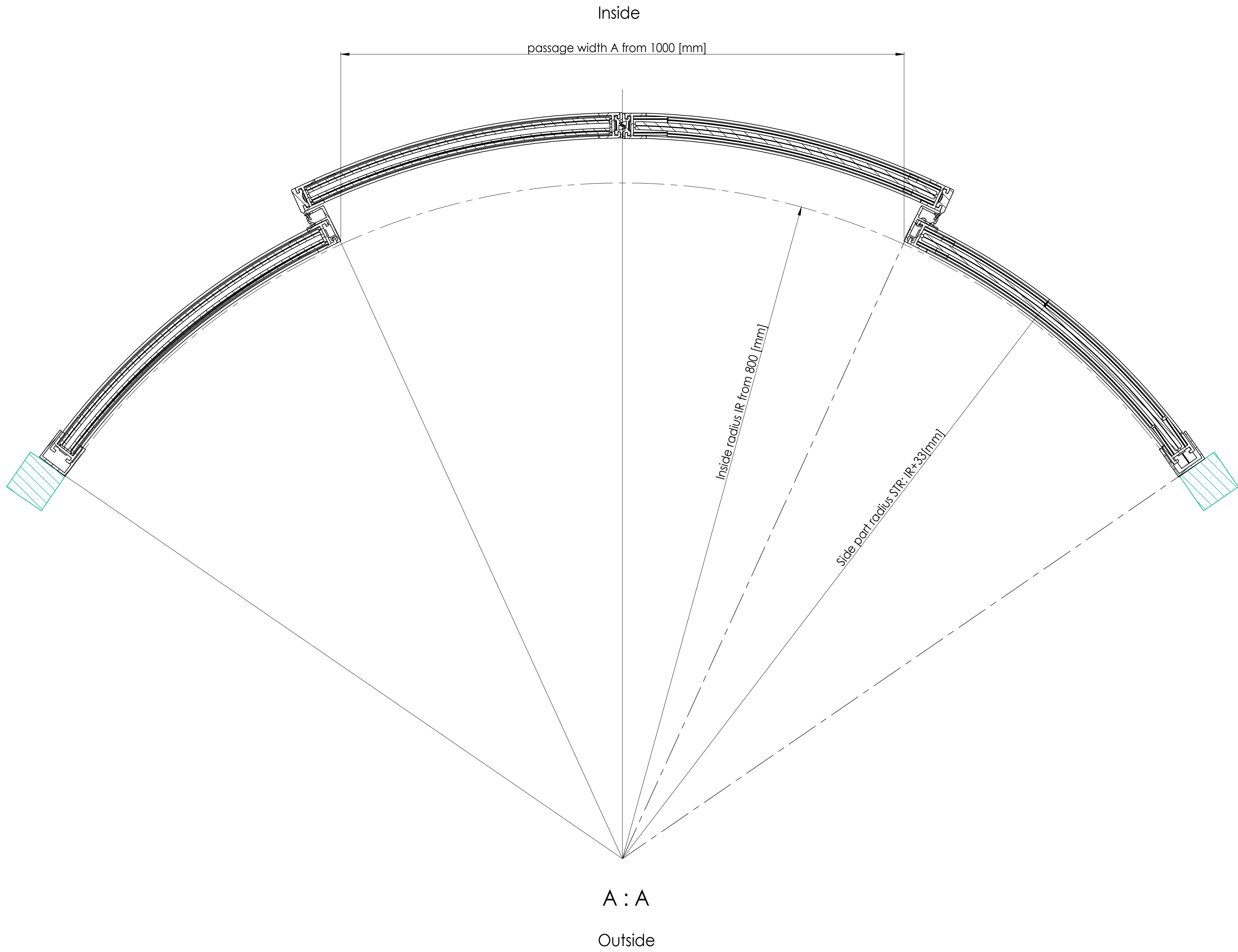
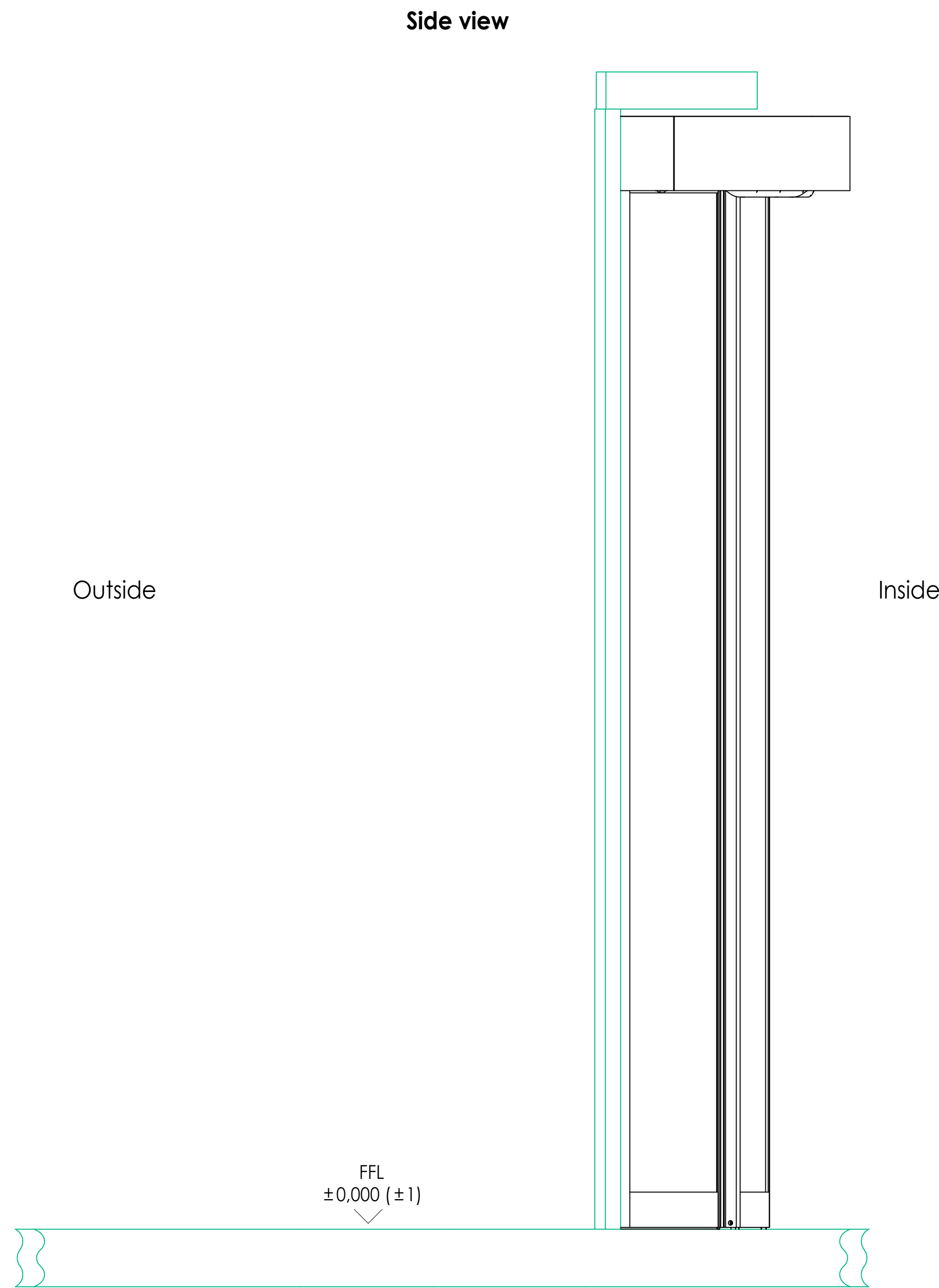
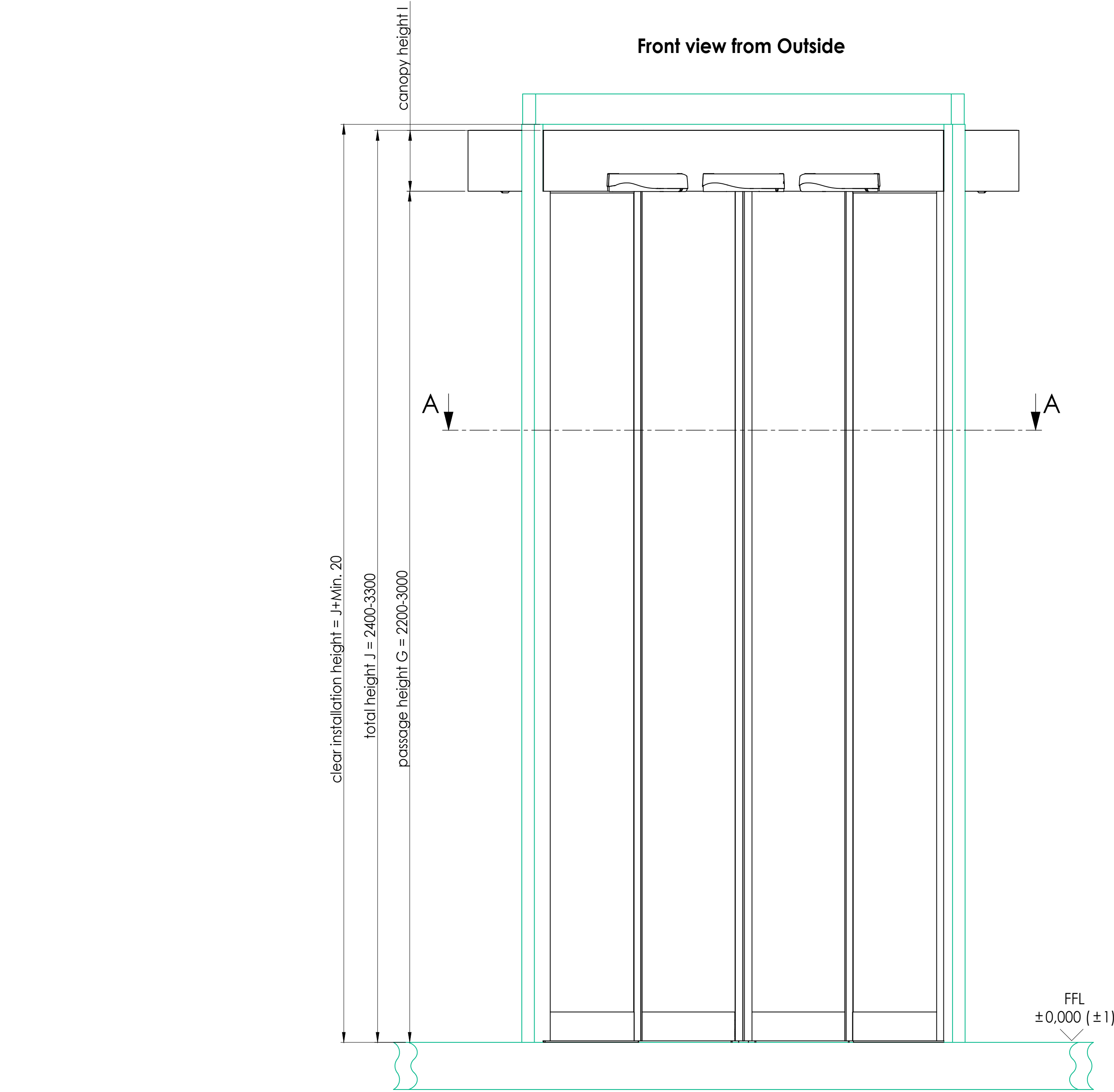
Floor Guide:

• Finished floor
• Floor guide rail
• Floor ring

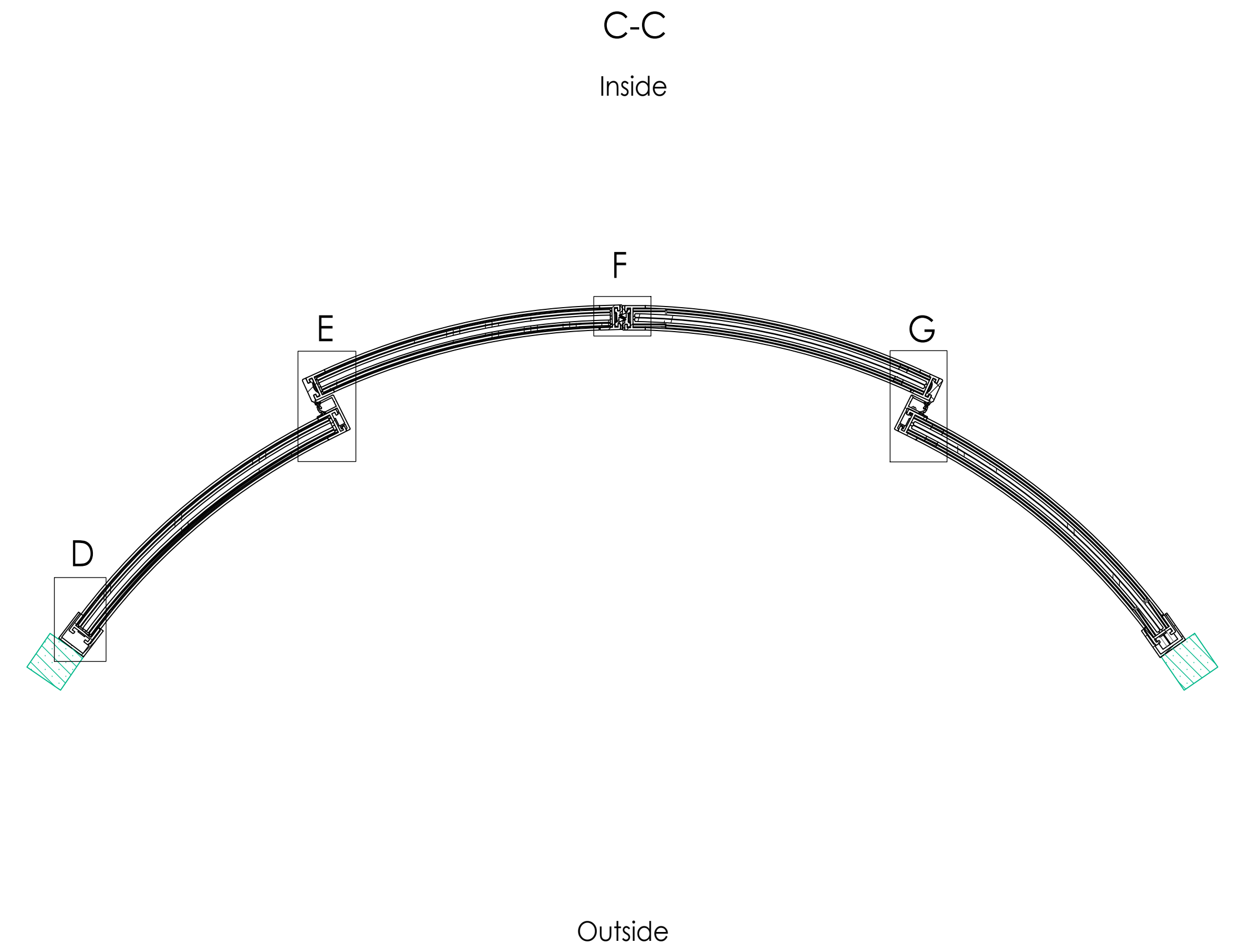
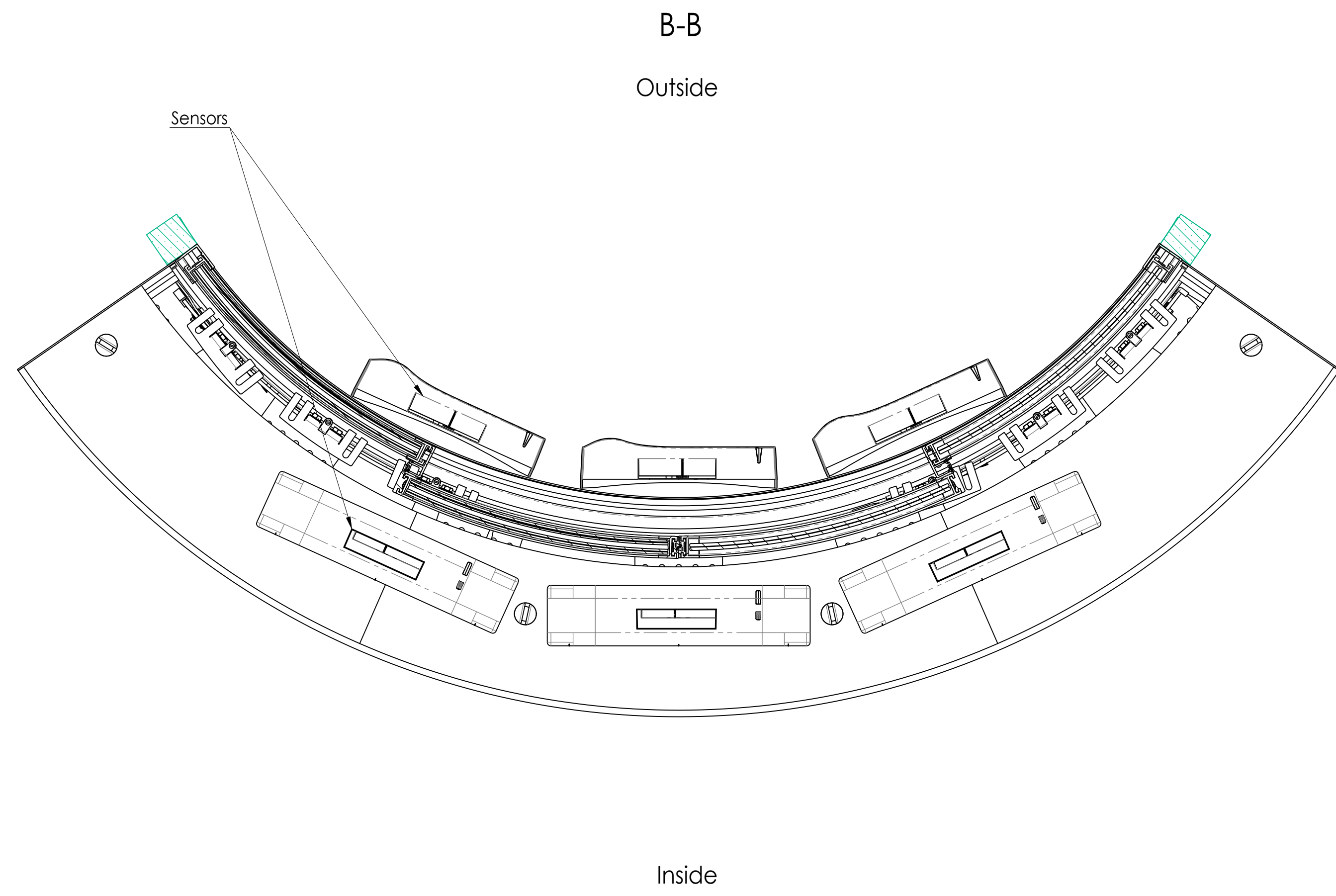
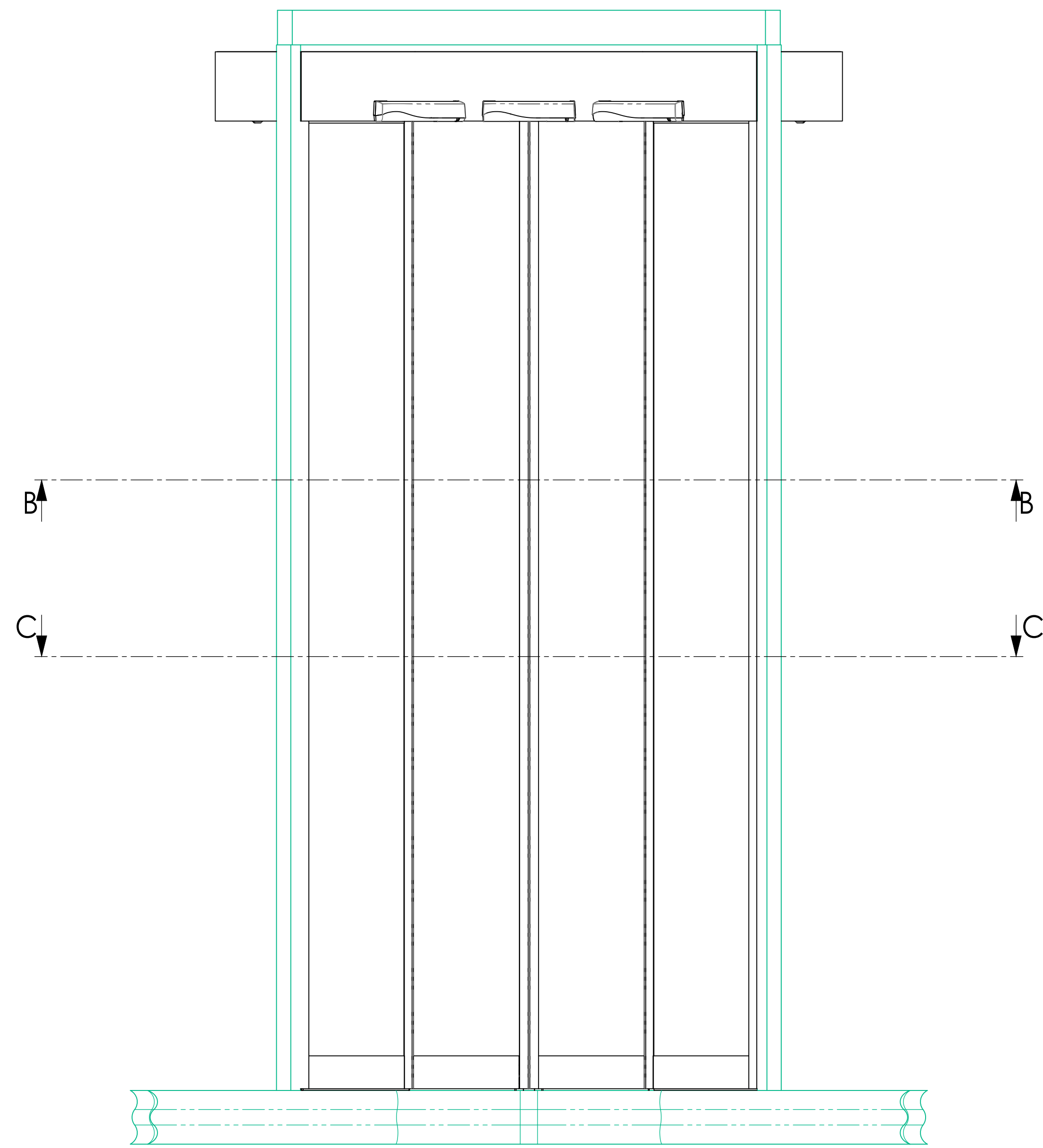
Mechanical options:
• Air curtain (dependent on other options)
• Locking device

Roof options:
• White coated chipboard
• Dust roof cover
• Metal dust roof cover

Electrical options:
• Input for fire alarm
• Door position contact "closed"
• Lock monitoring contact
• Uninterrupted power supply
• LED build-in Lights
• Emergency stop switch
• Emergency opening switch
• Battery pack
• Control unit BDE-D surface mount (flush mount as standard)
• Key operating switch BDE-V



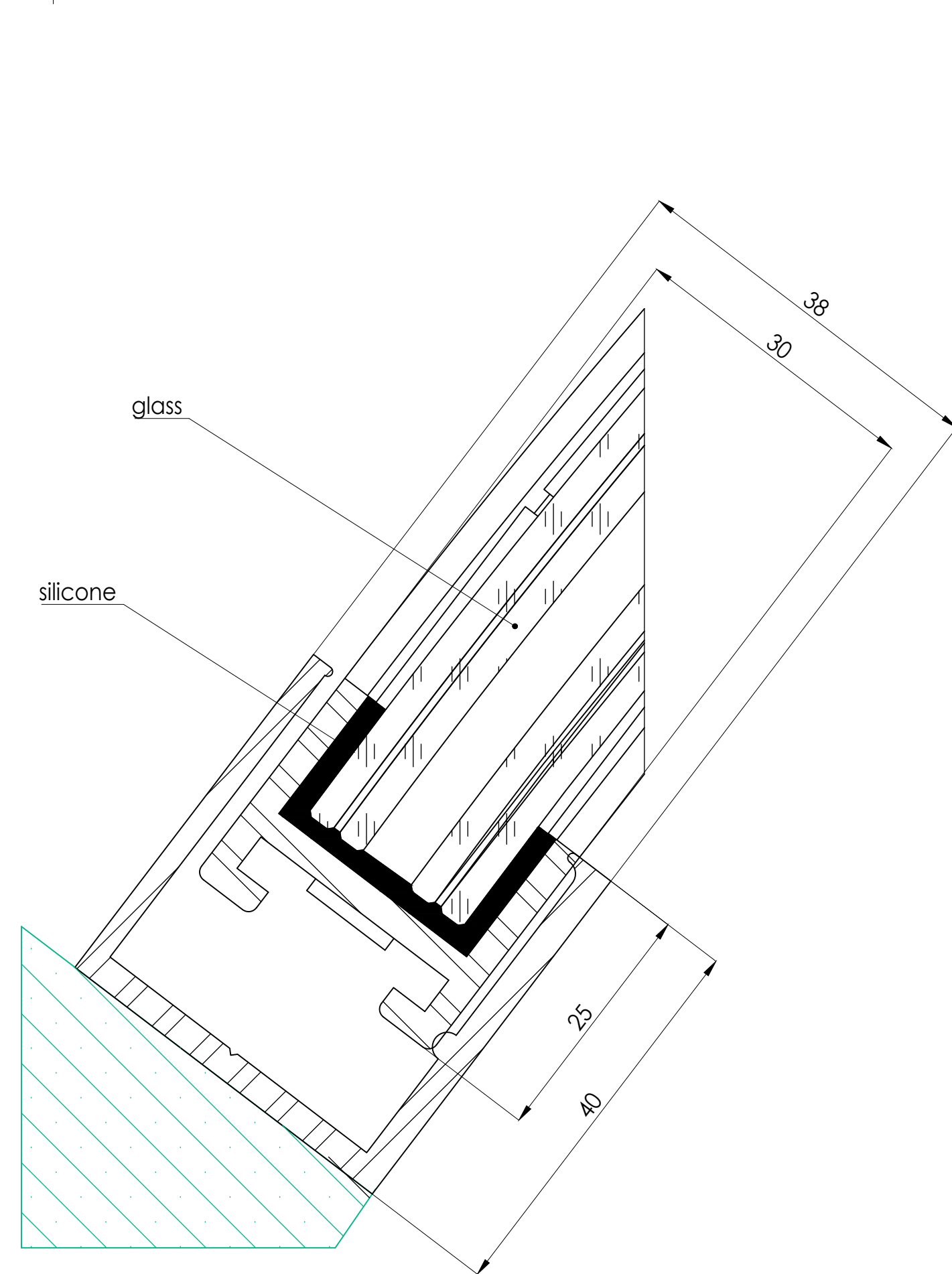
Surface treatment		Material		Remark	
General tolerance	ISO 2768	Prog. method	Scale 1:10	Drawn HNU	Date 2022-11-18
Description		Status		Approved	
ASSA ABLOY		CD Concave - ALU 30 [mm]		Rev. A	Size A0
Drawing No.				Sheet 1 (3)	



Main + Secondary closing edge

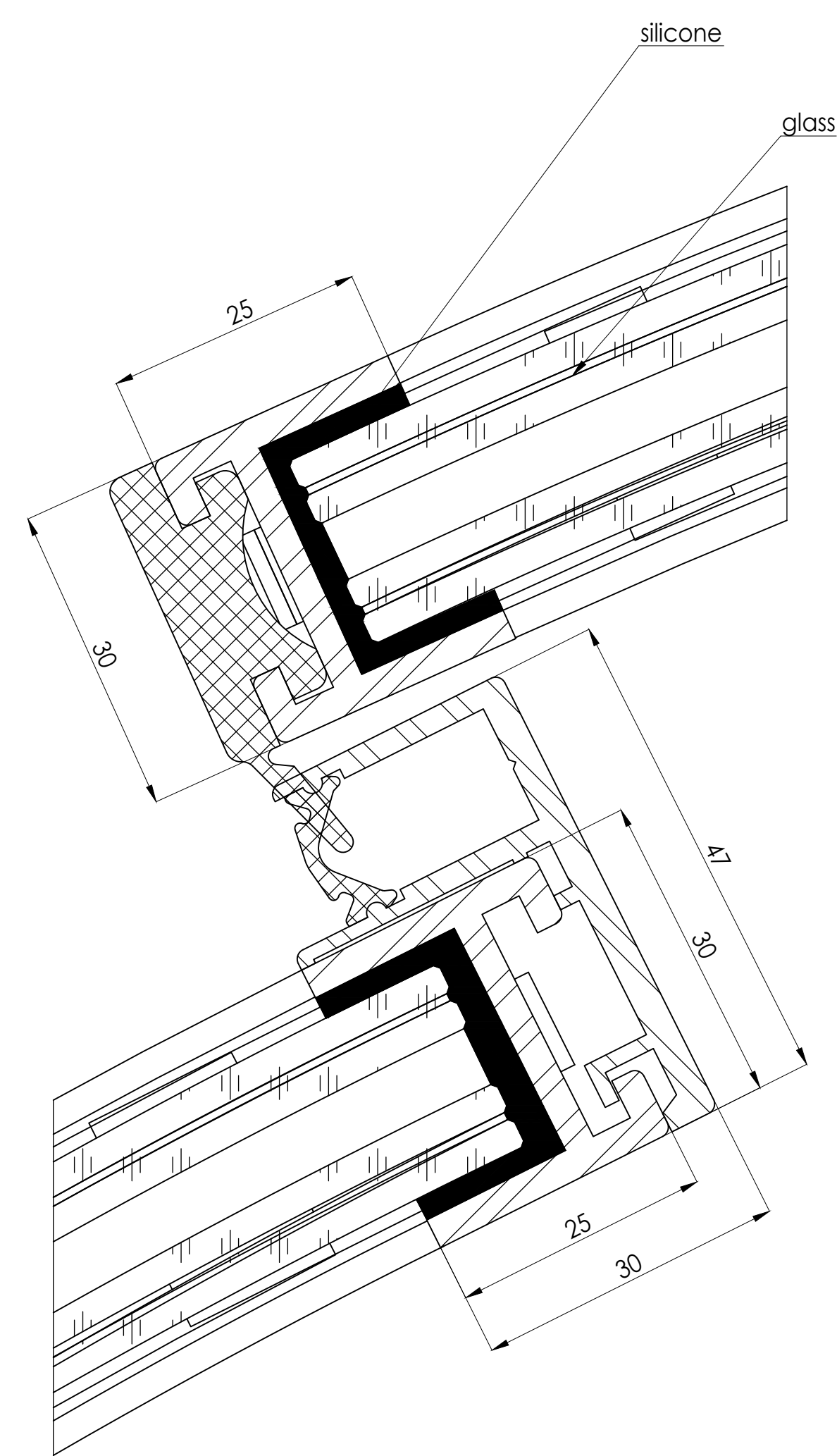
Example: Insulated glass, 19.52mm

Example: Laminated safety glass, 9.52mm

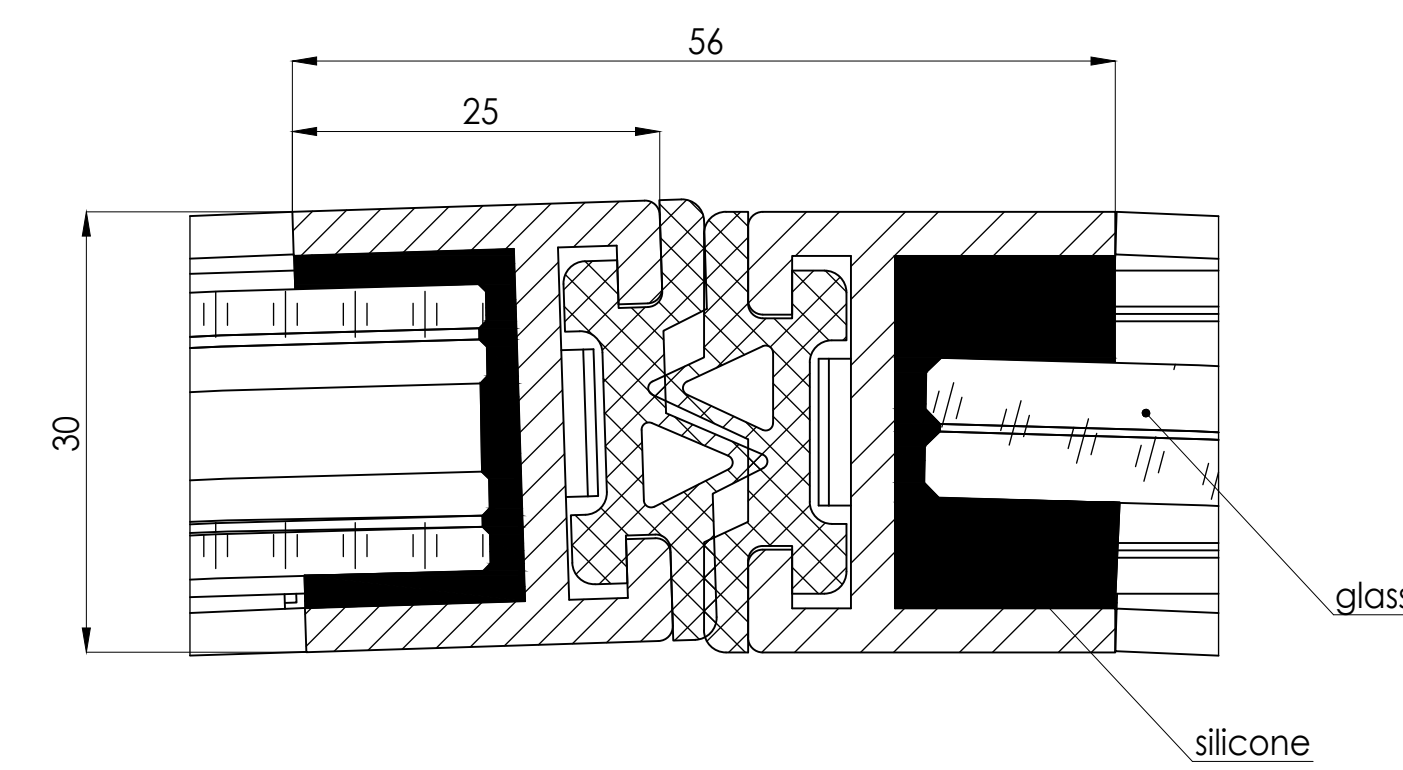


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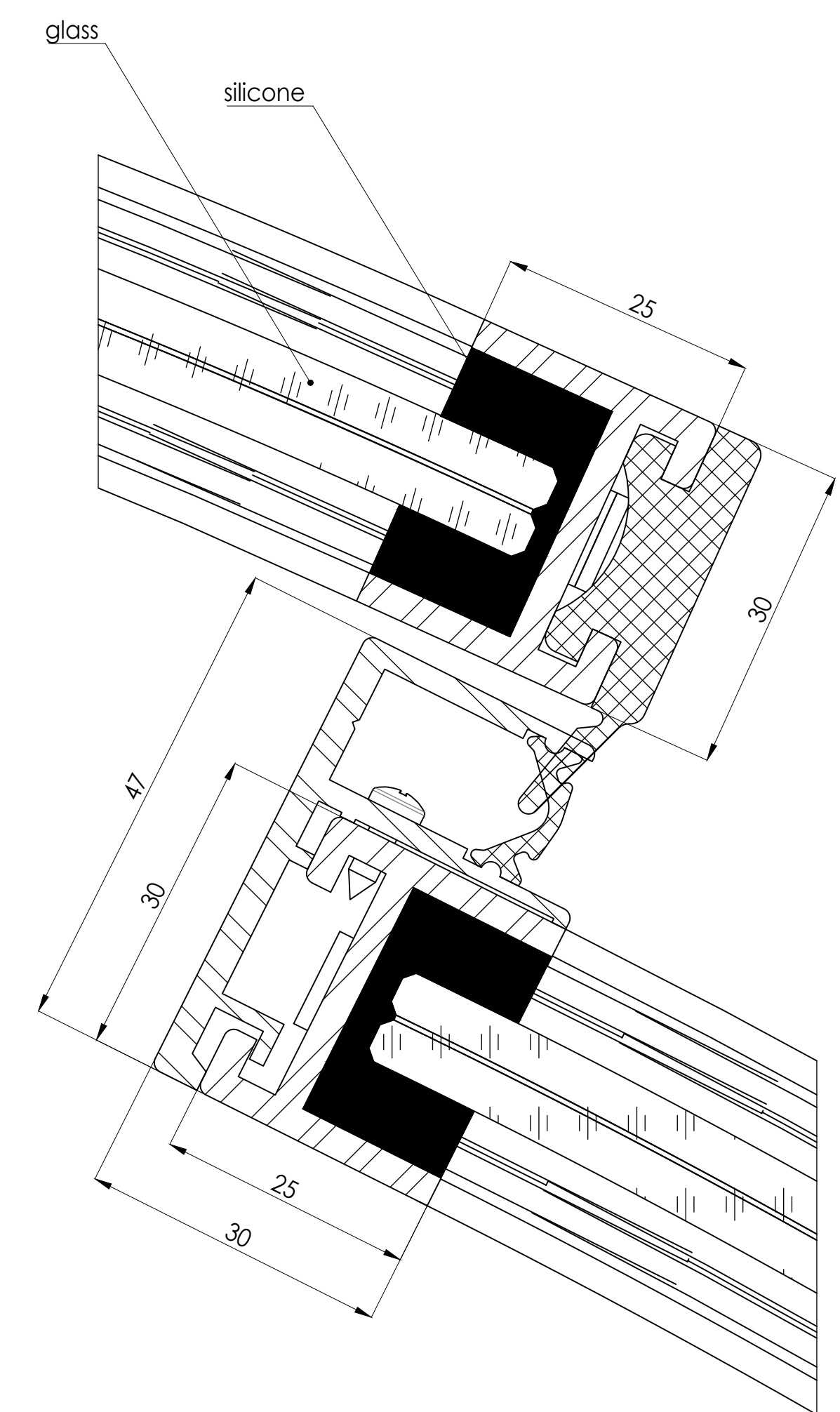
(Facade connection to be defined by customer)



E
(2 : 1)



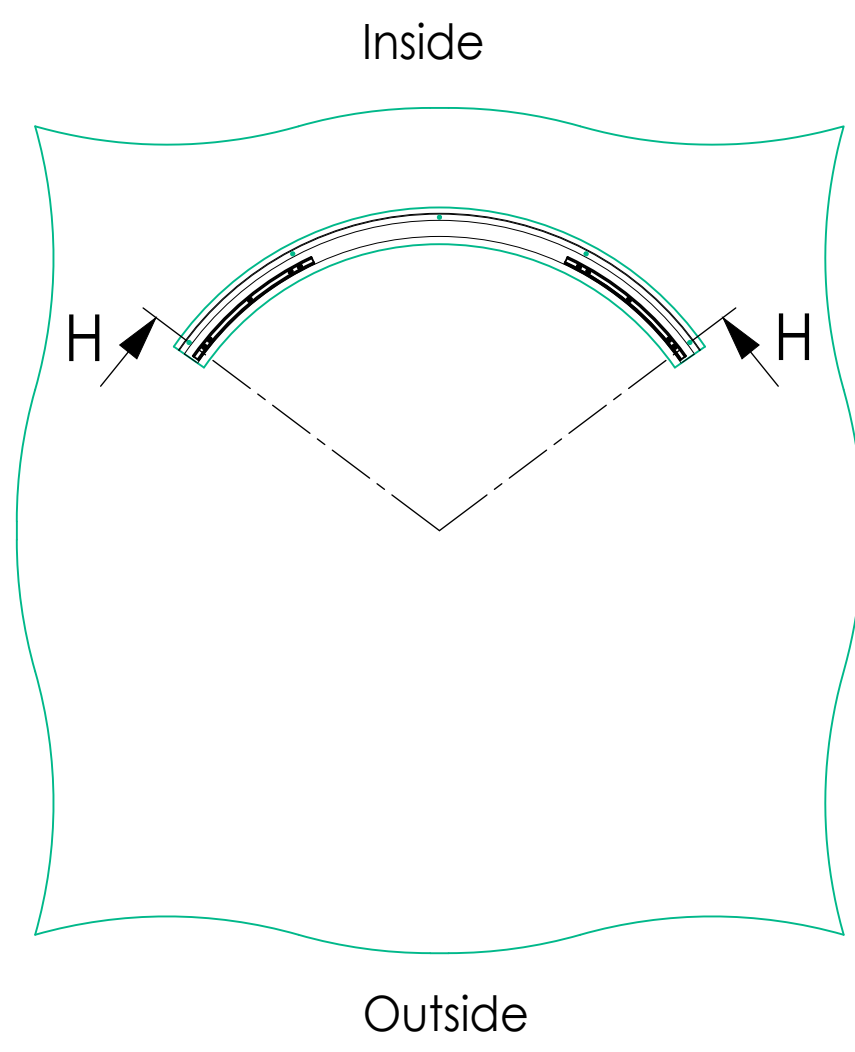
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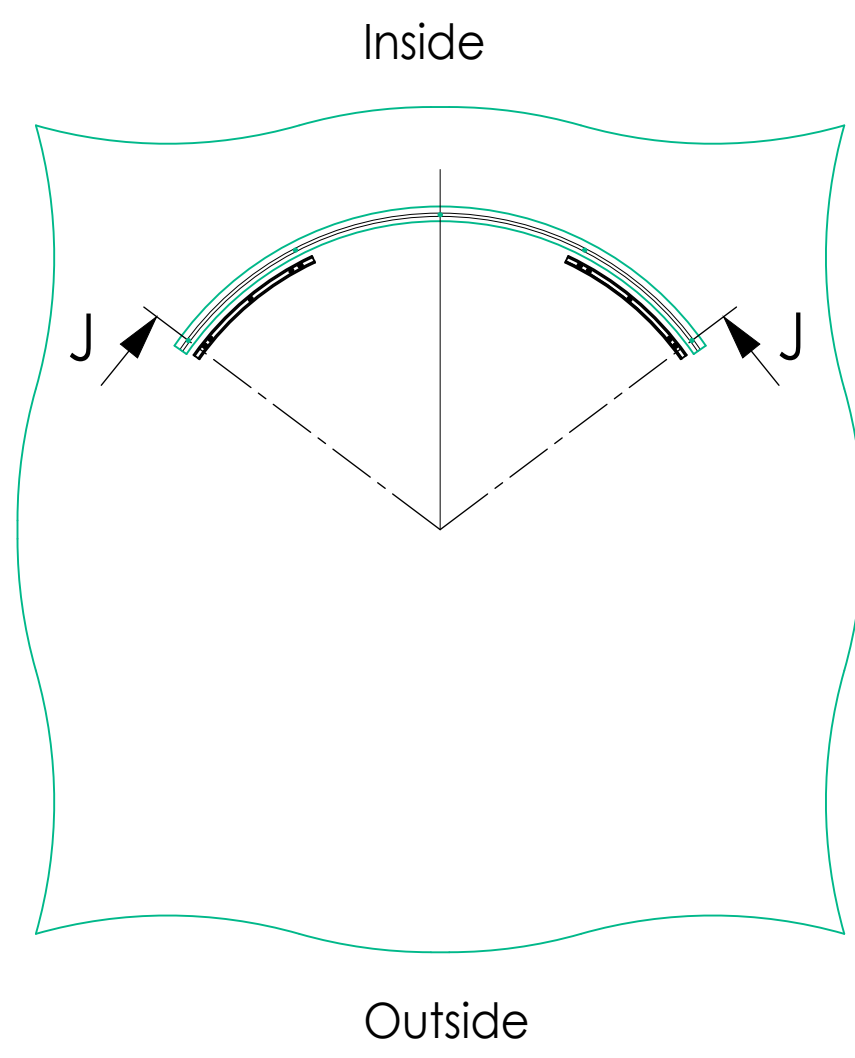
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(2 : 1)

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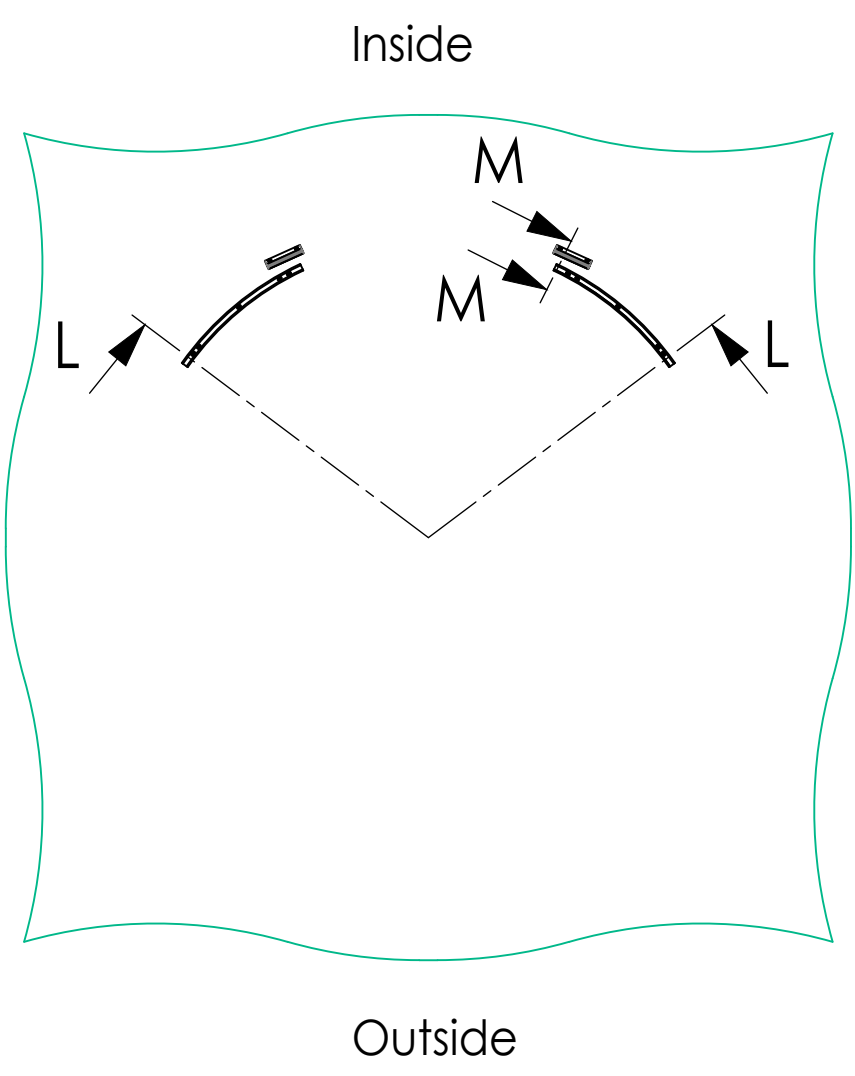
Top view floor ring



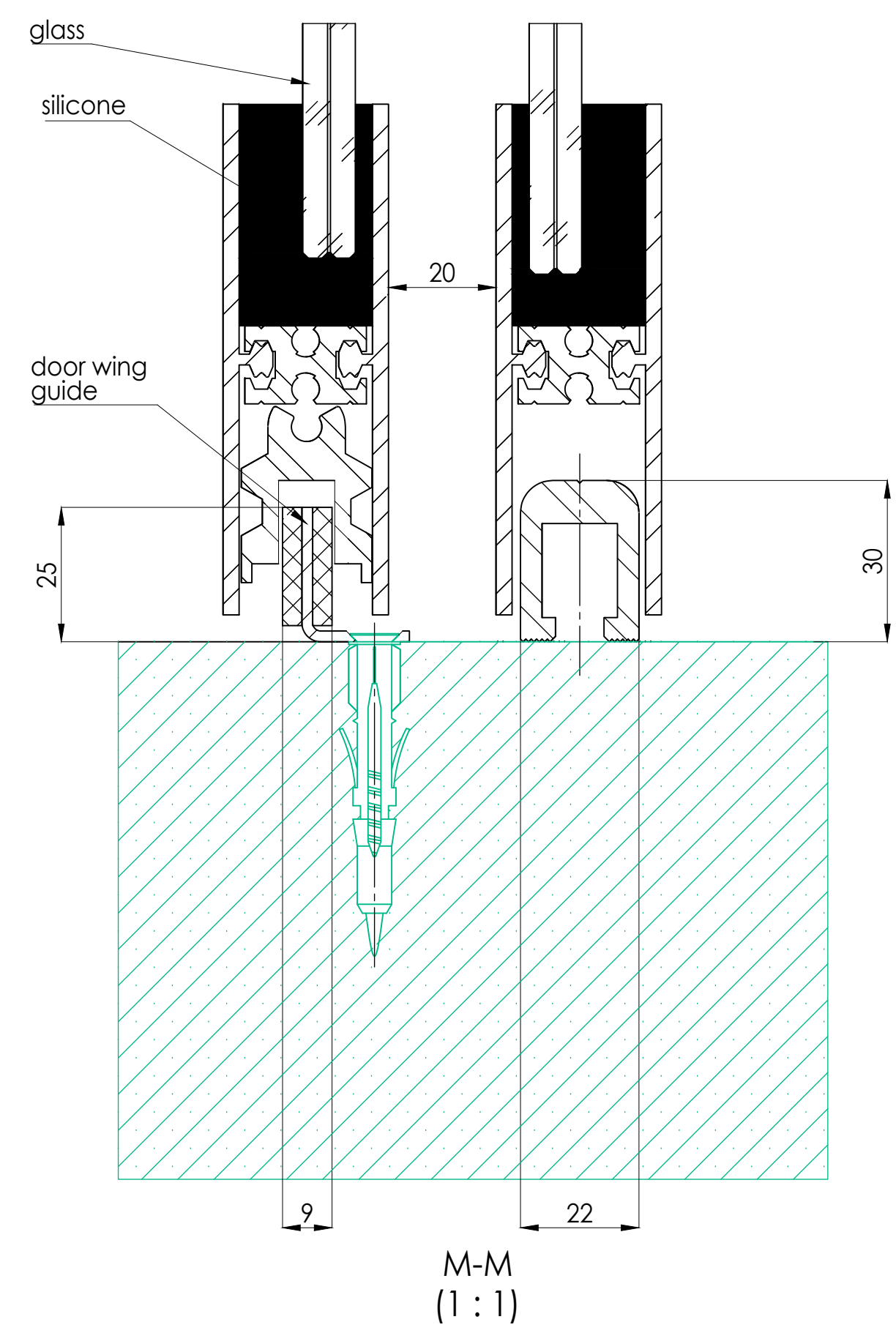
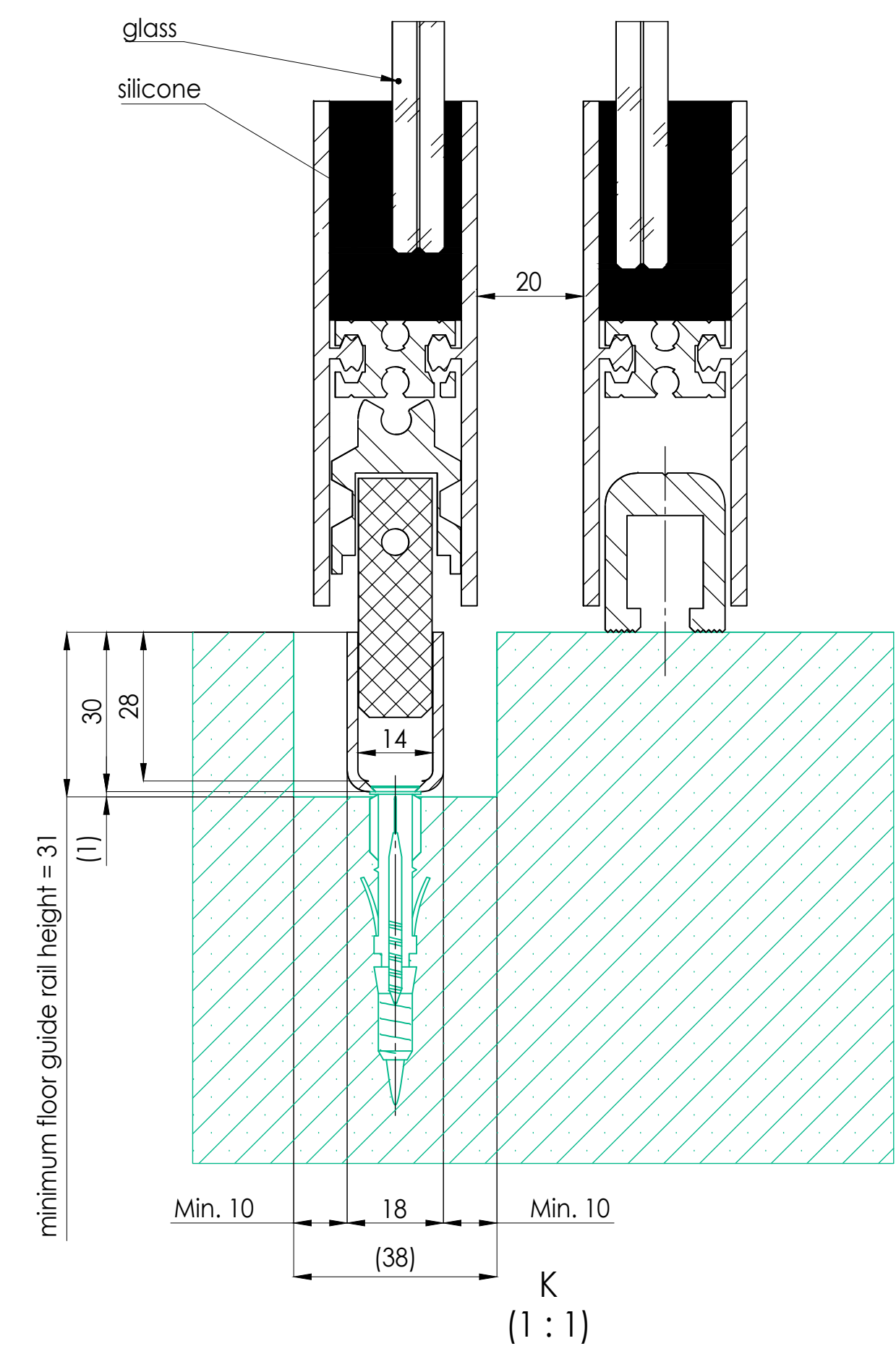
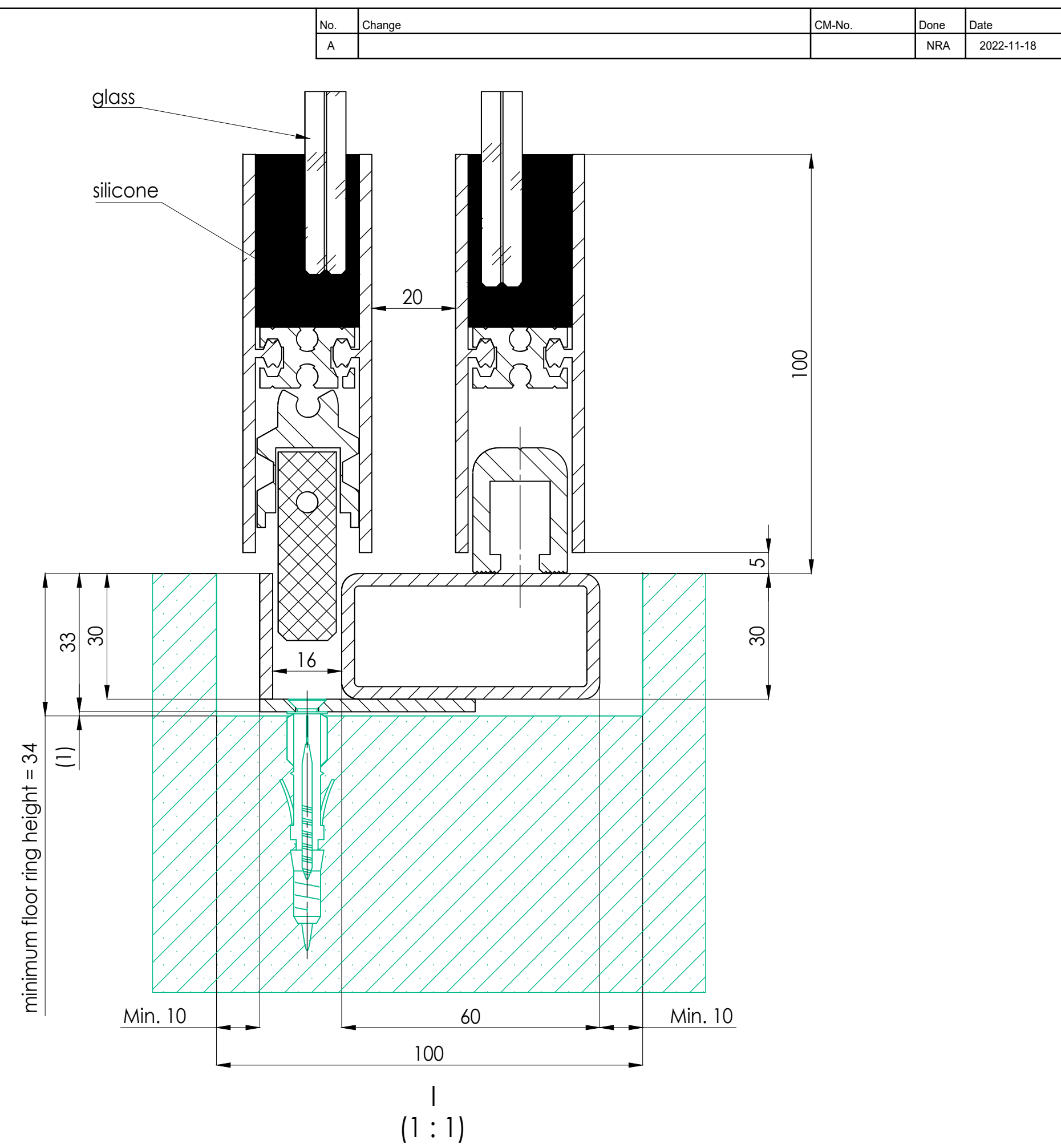
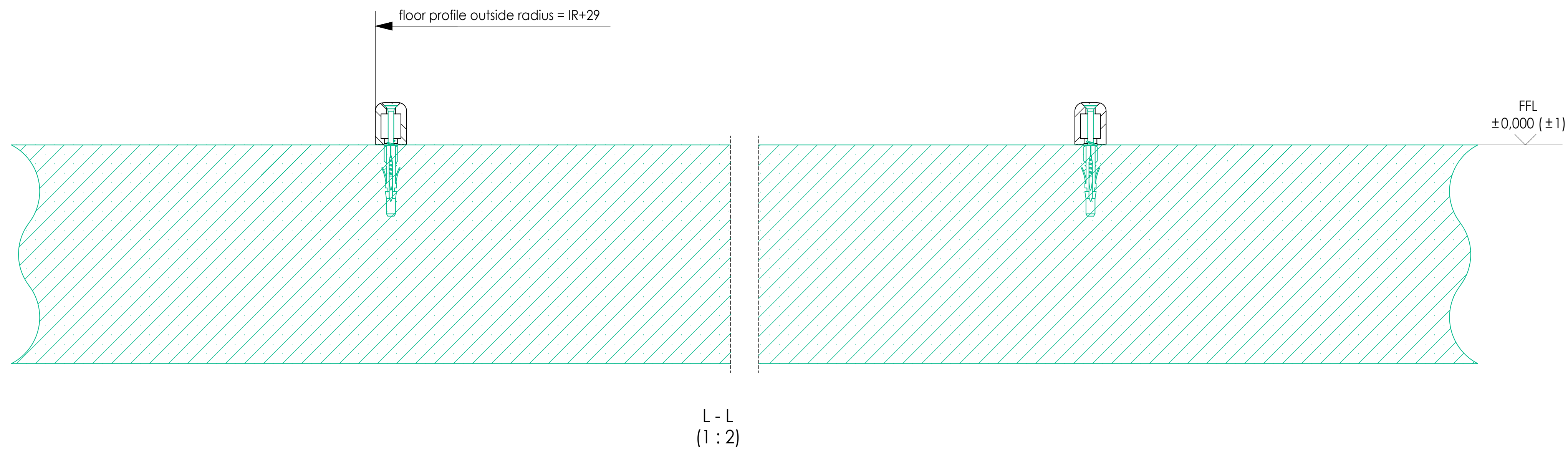
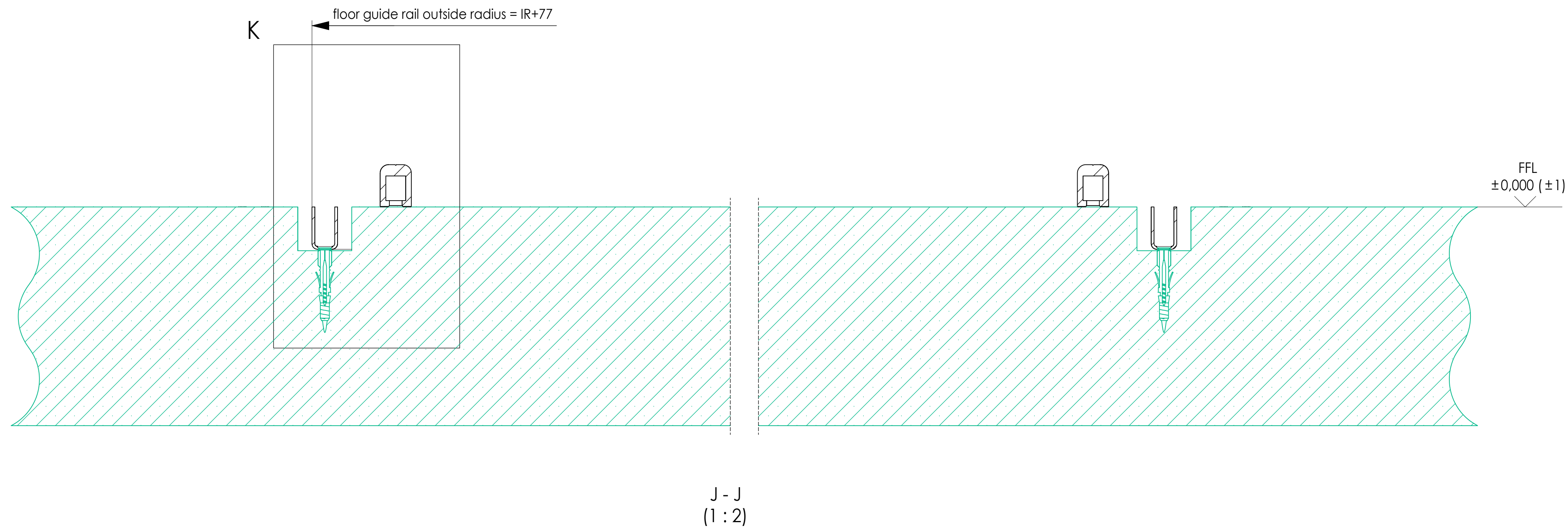
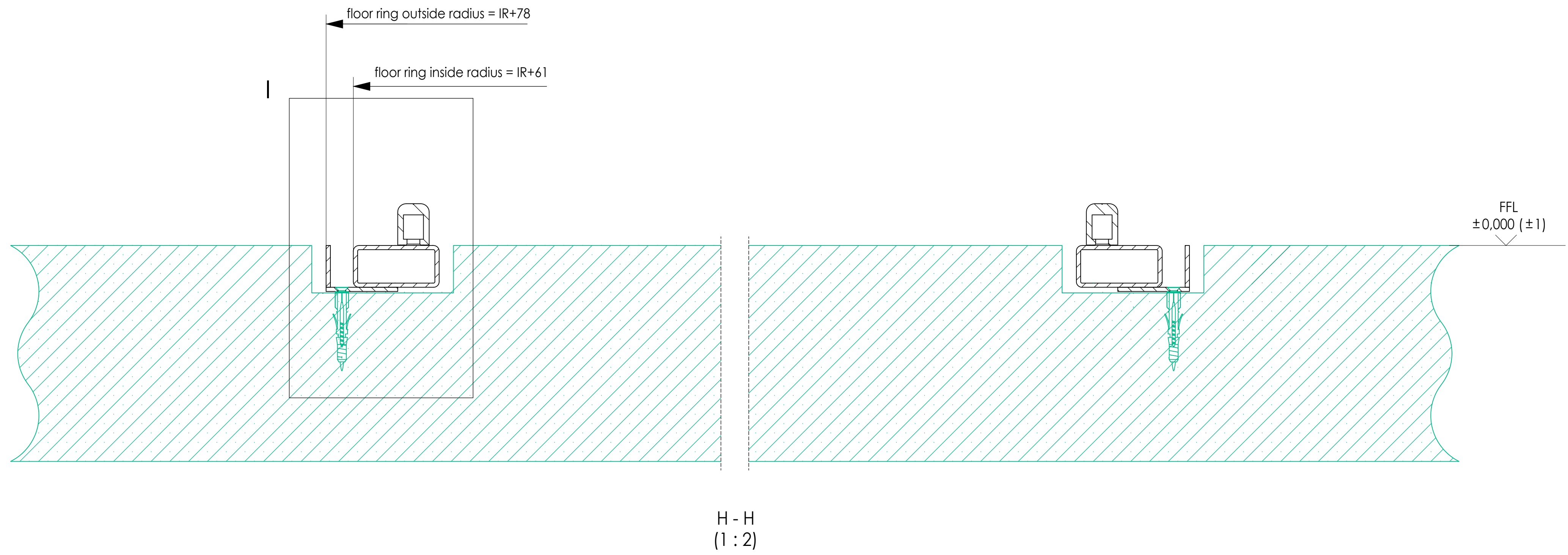
Top view floor guide rail



Top view finished floor



Floor guide



Surface treatment		Material		Remark	
General tolerance	ISO 2768	Prog. method	1:20	Drawn	HNU
Description		Scale	1:20	Date	2022-11-18
ASSA ABLOY		Status	Approved	Rev.	A
CD Concave - ALU 30 [mm]		Size	A0	Sheet	3 (3)
Drawing No.					