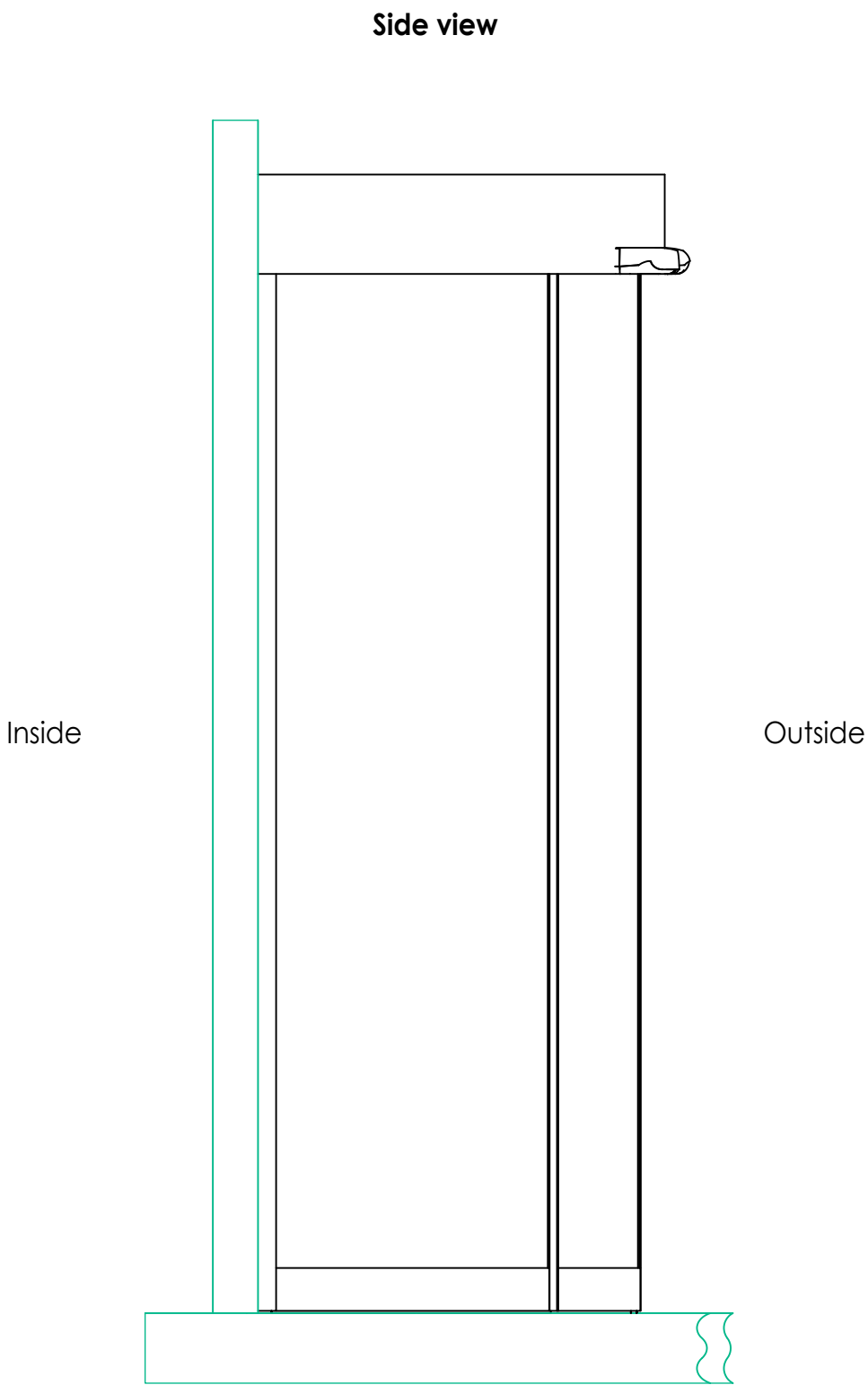
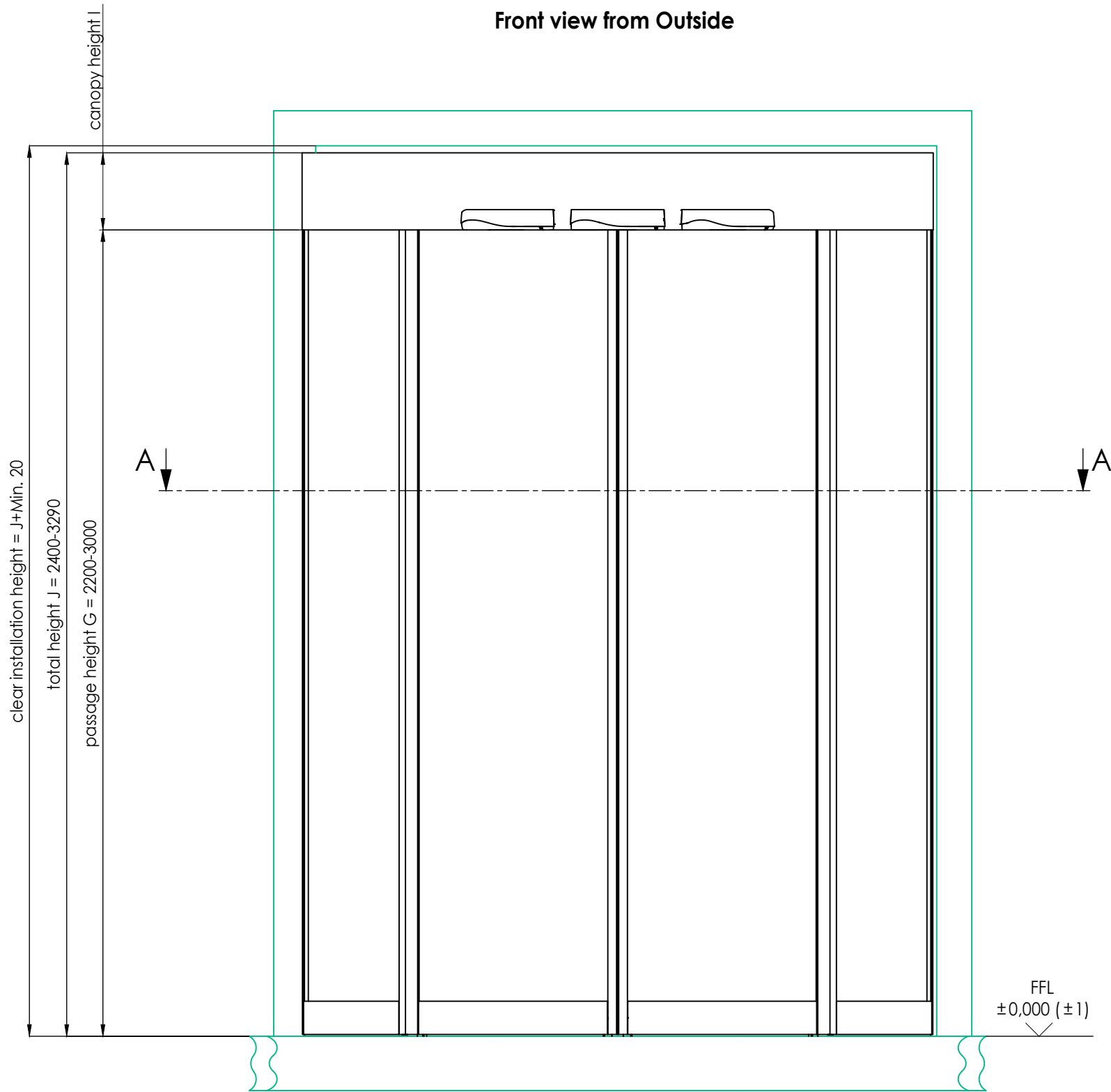
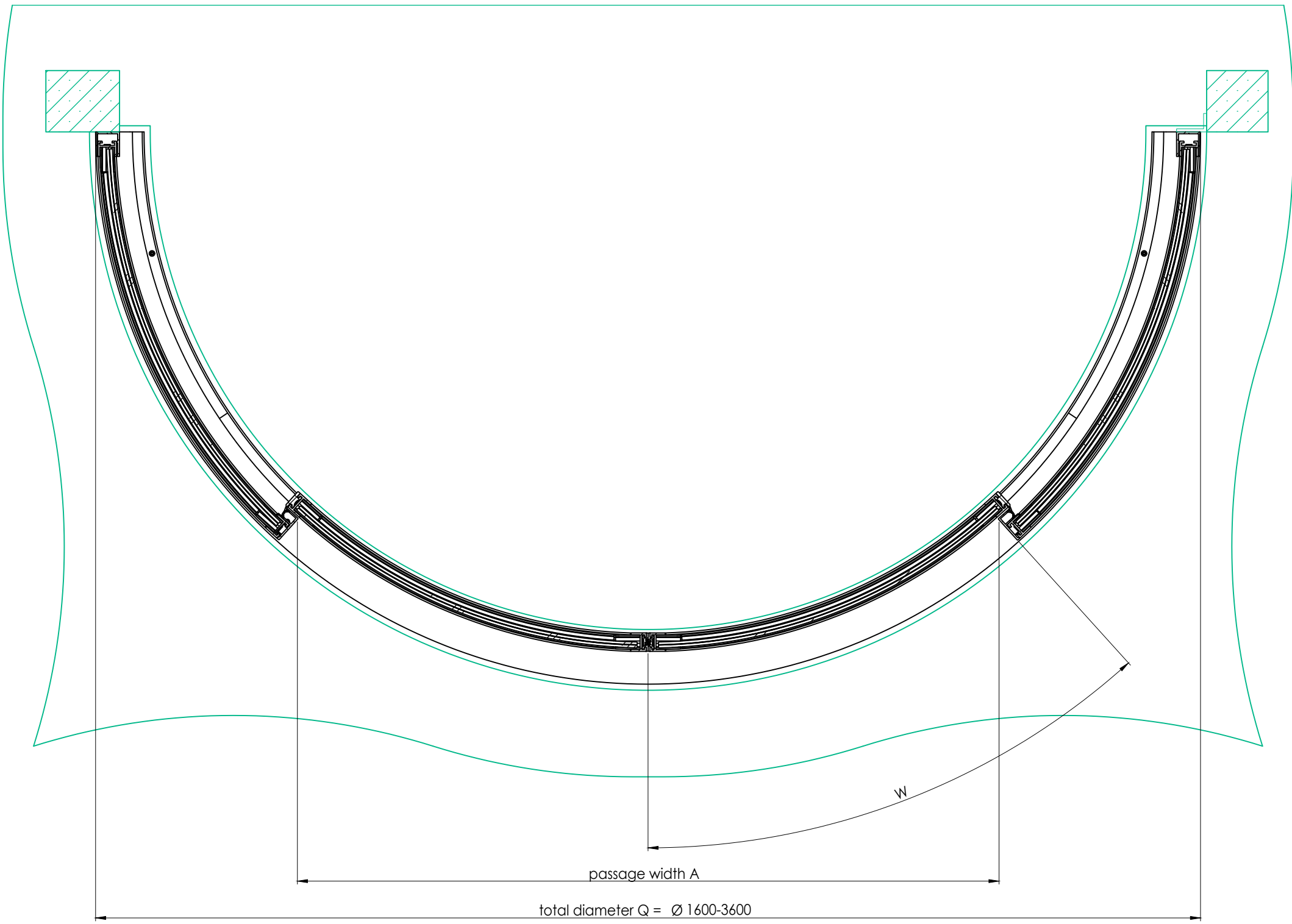


No.	Change	CM.No.	Date	Date
A.		NSA	2022-11-11	

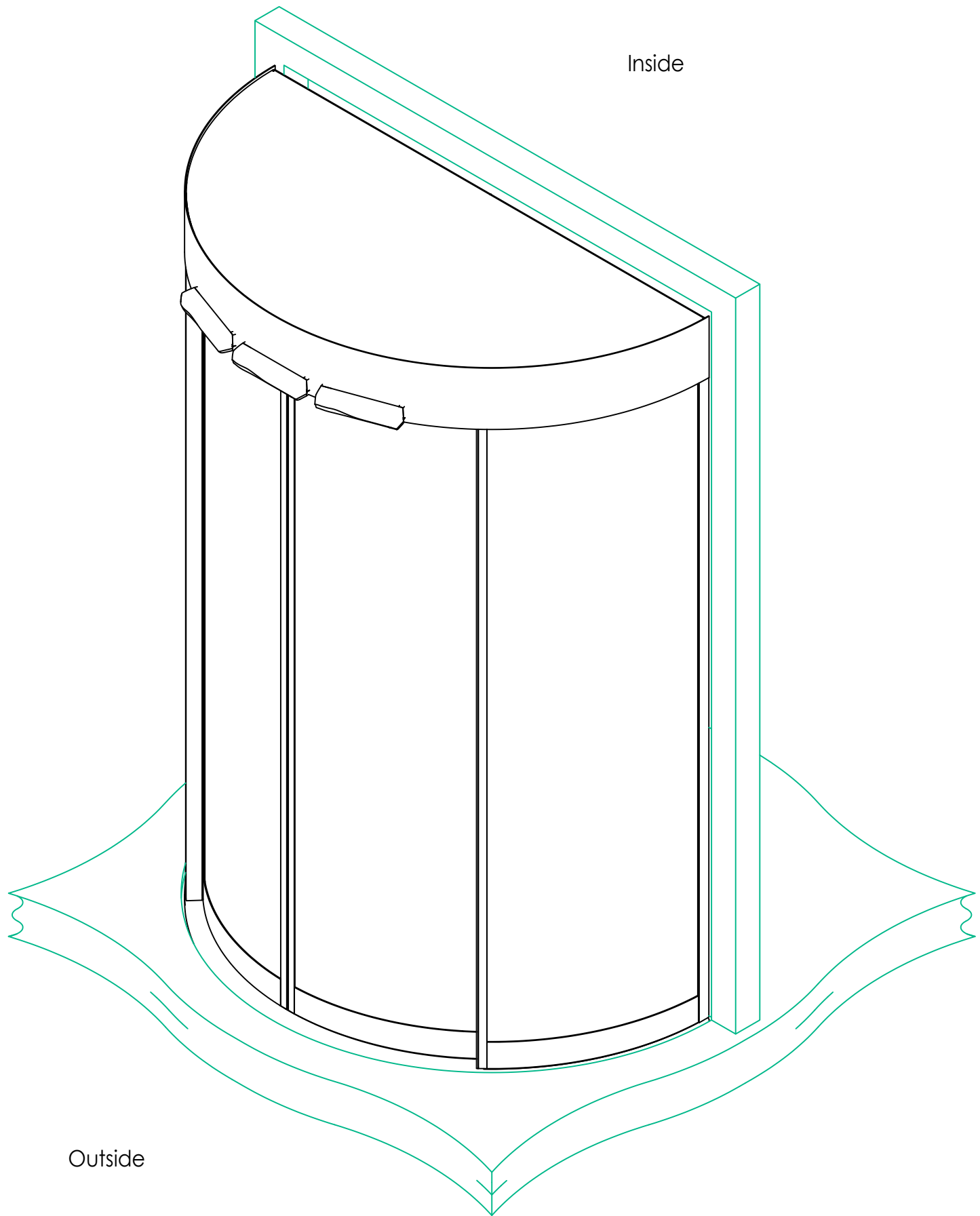


A-A
(1 : 5)

Inside



Outside



Automatic Curved sliding door system CD180

Design:
Fully automatic double-leaf semi-circular 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; service port connection via bluetooth

Dimensions:
Total diameter Q: 1600-3600 [mm]
Passage width A: approx. 1000-2400 [mm] (see table below)
Canopy height L: 200 / 220 / 250 / 290 [mm] standard dimensions
291-1000 [mm] upon request
Passage height G: 2200-3000 [mm]
Total height J: 2400-3290 [mm] standard dimensions
Customized dimensions upon request
Profile system ALU 30 [mm]

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)
- Resistance class RC2/RC3
- Locking device
- Roof options:
 - White coated chipboard
 - Dust roof cover
 - Water-tight tray roof
- Facade connection
- 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

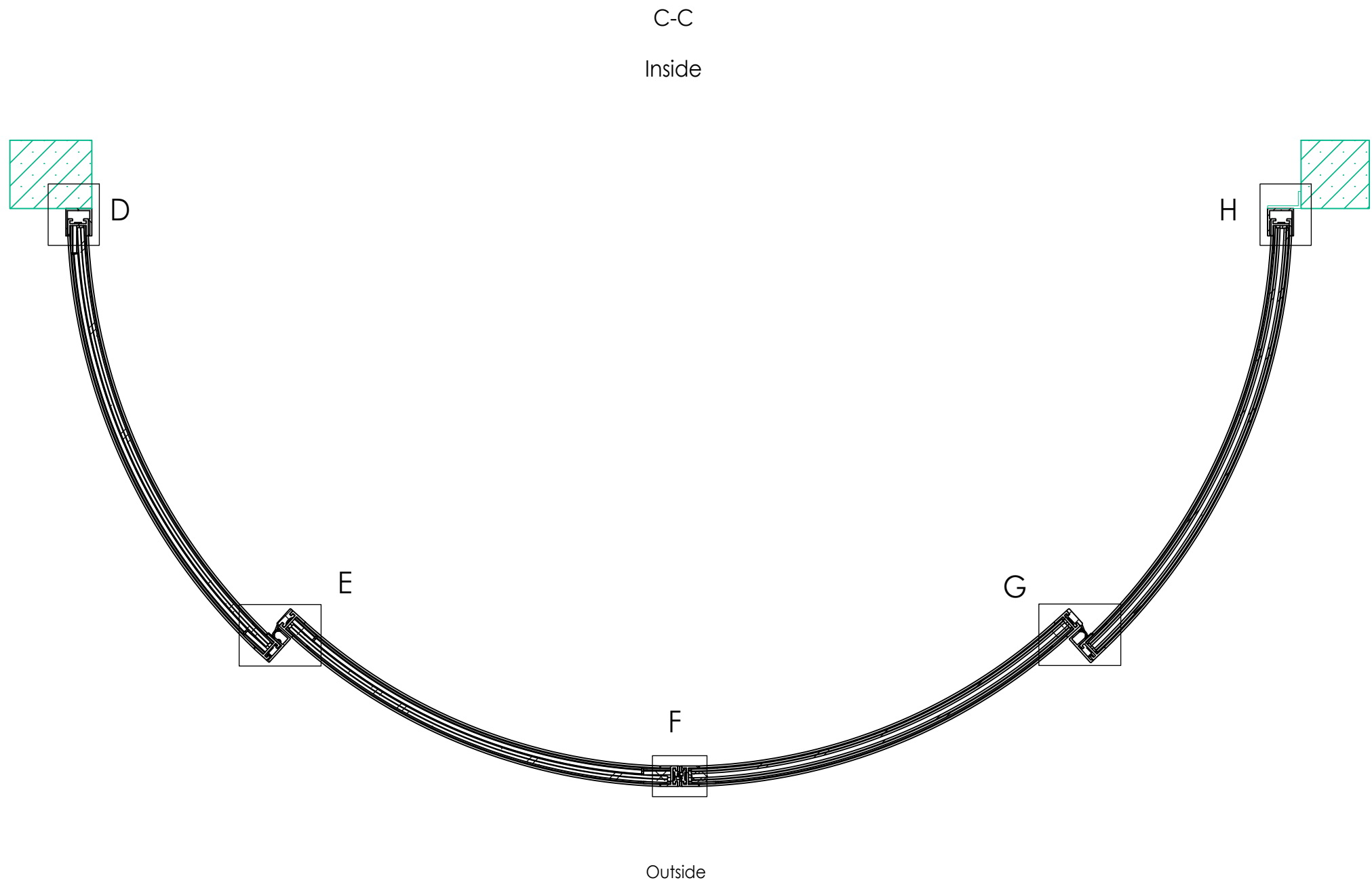
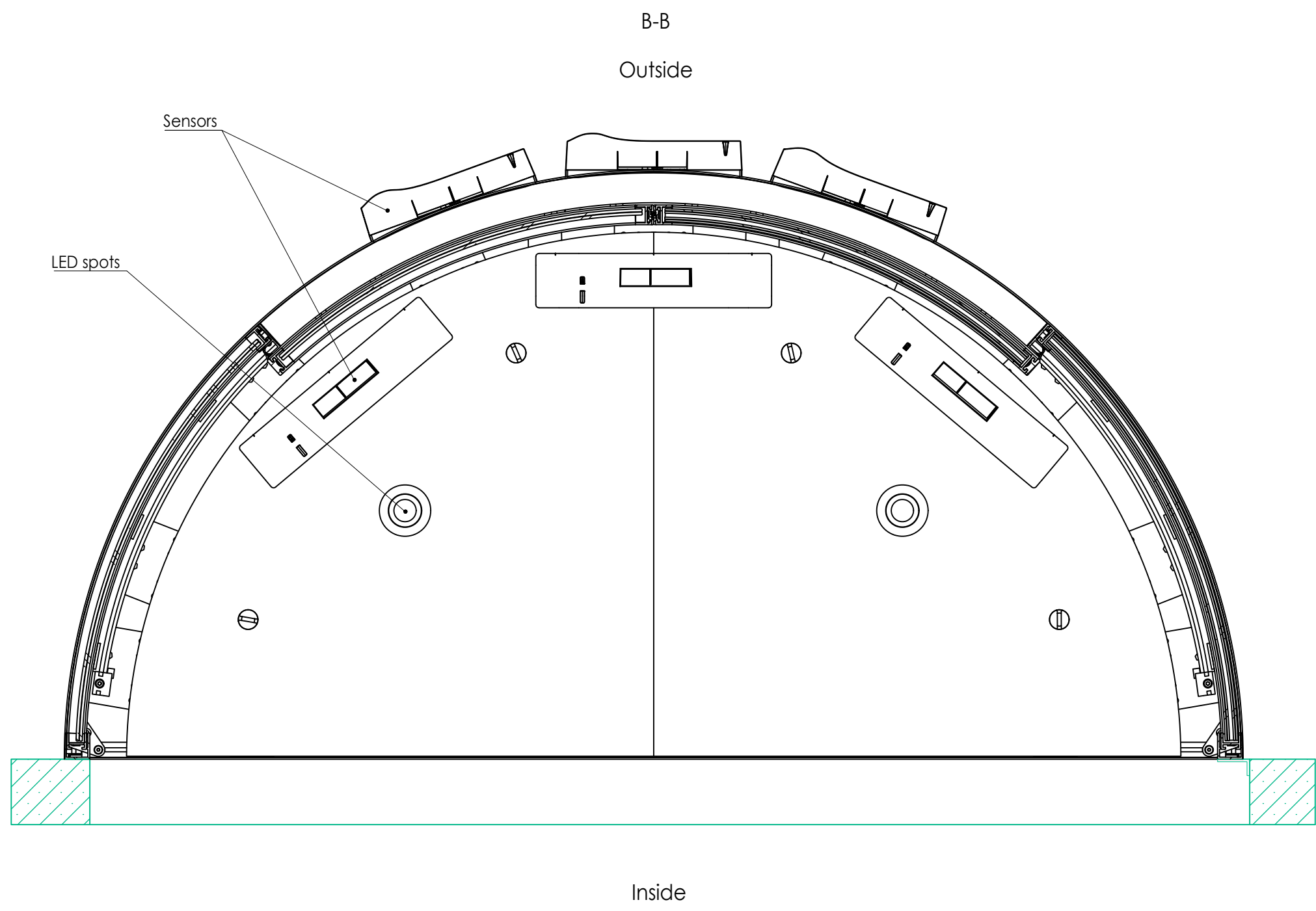
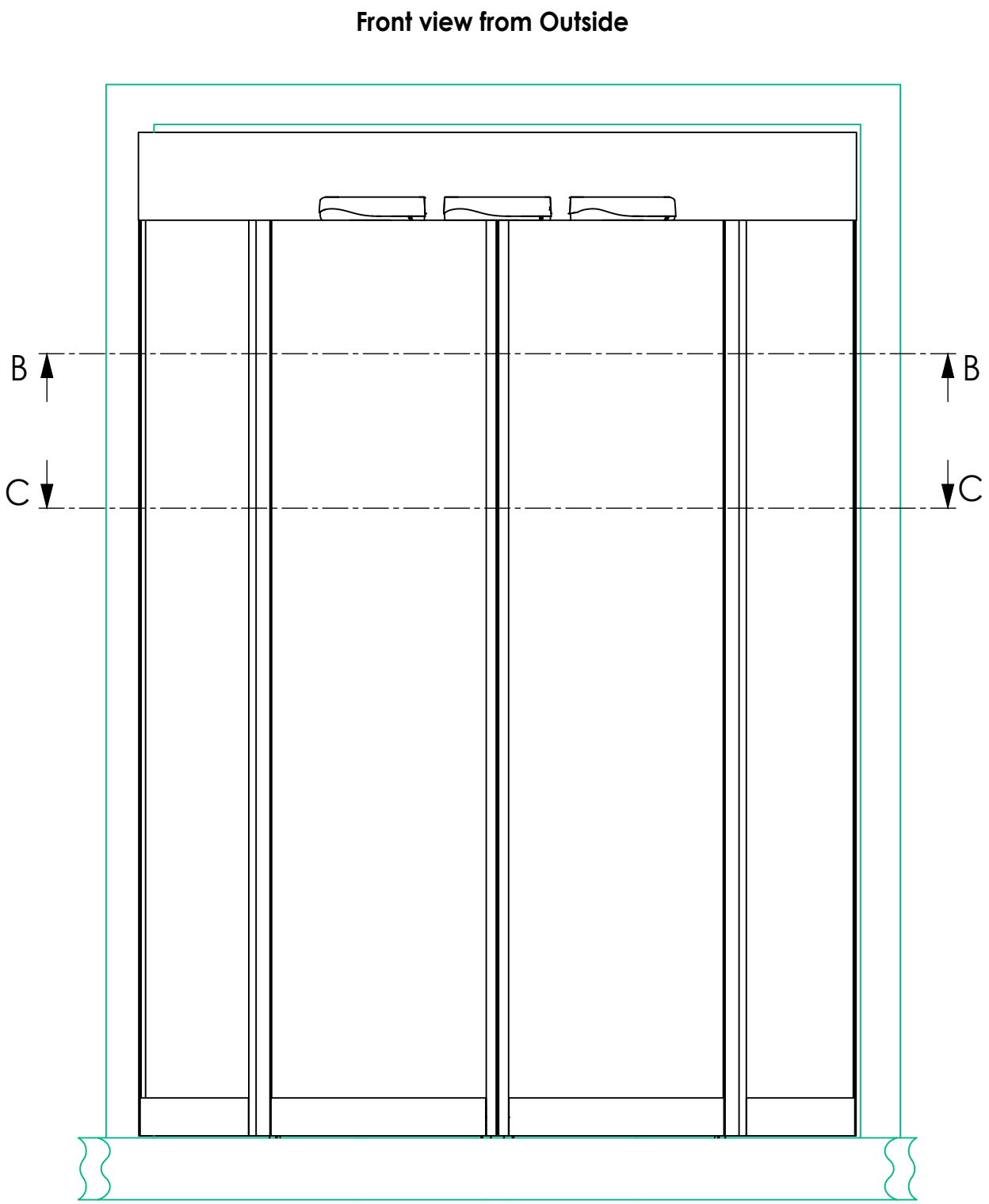
Q (exemplary dimensions)	Passage width A at max. opening angle (W=43,5°)
1600	987
1700	1056
1800	1125
1900	1194
2000	1262
2100	1331
2200	1400
2300	1469
2400	1538
2500	1607
2600	1675
2700	1744
2800	1813
2900	1882
3000	1951
3100	2020
3200	2157
3300	2157
3400	2226
3500	2295
3600	2364

Passage width A for RC2/RC3 is slightly lower (30-40 mm)
Max. Opening angle for outer Ø1600 - 1999mm = 41,7°
Max. Opening angle for outer Ø2000 - 2599mm = 42,4°
Max. Opening angle for outer Ø2600 - 2999mm = 43,0°
Max. Opening angle for outer Ø3000 - 3399mm = 43,3°
Max. Opening angle for outer Ø3400 - 3600mm = 43,5°

Surface treatment	Material	Remark
General tolerance ISO 2768	Prod. method 1:10	Drawn SSC
Rev.	Date	Status
A	2022-11-11	Approved
Rev.	Date	Status
A	2022-11-11	Approved
Rev.	Date	Status
A	2022-11-11	Approved

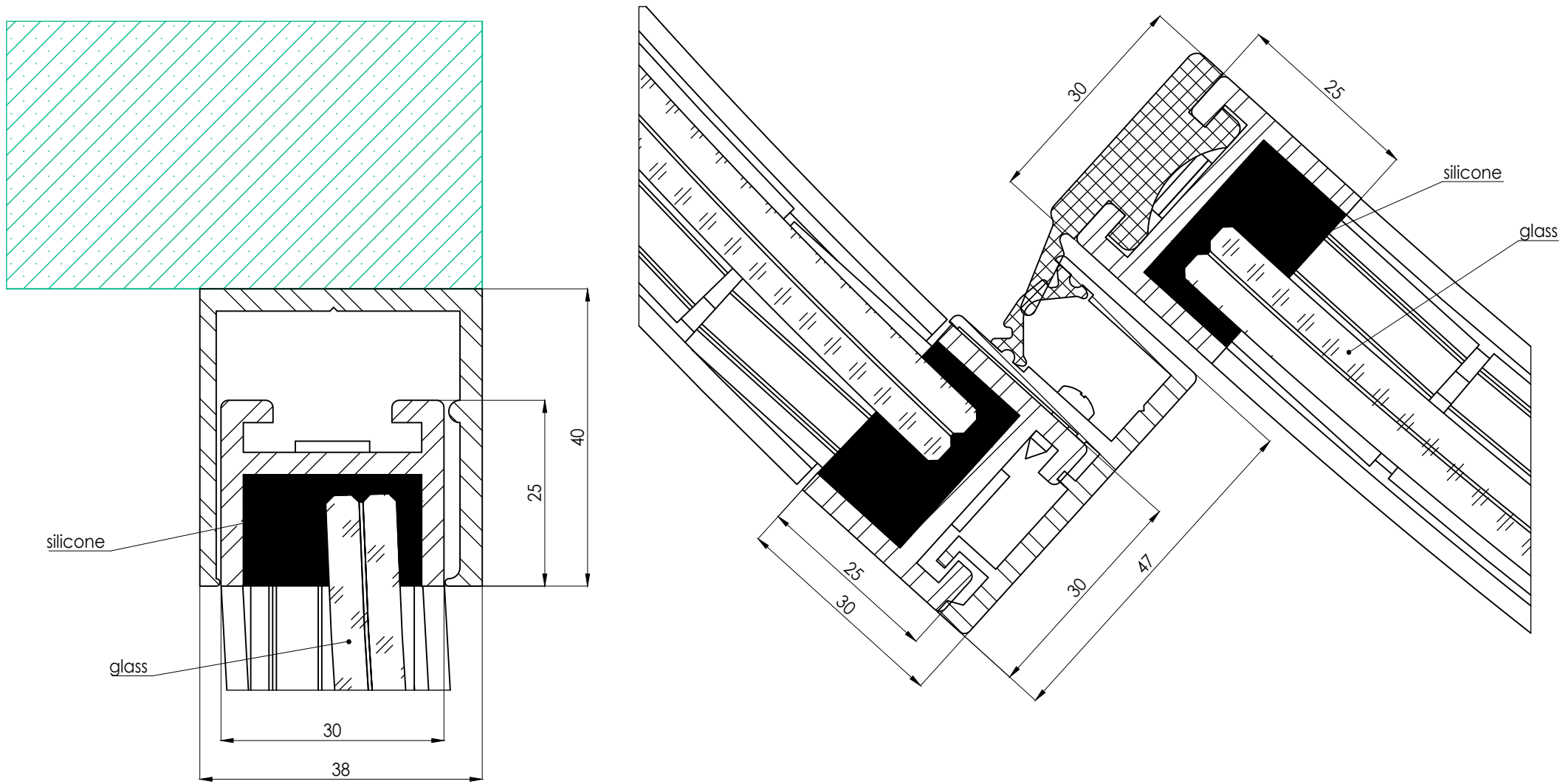
ASSA ABLOY CD180 - ALU 30 [mm]

Rev. A Size A0 Sheet 1 (3)



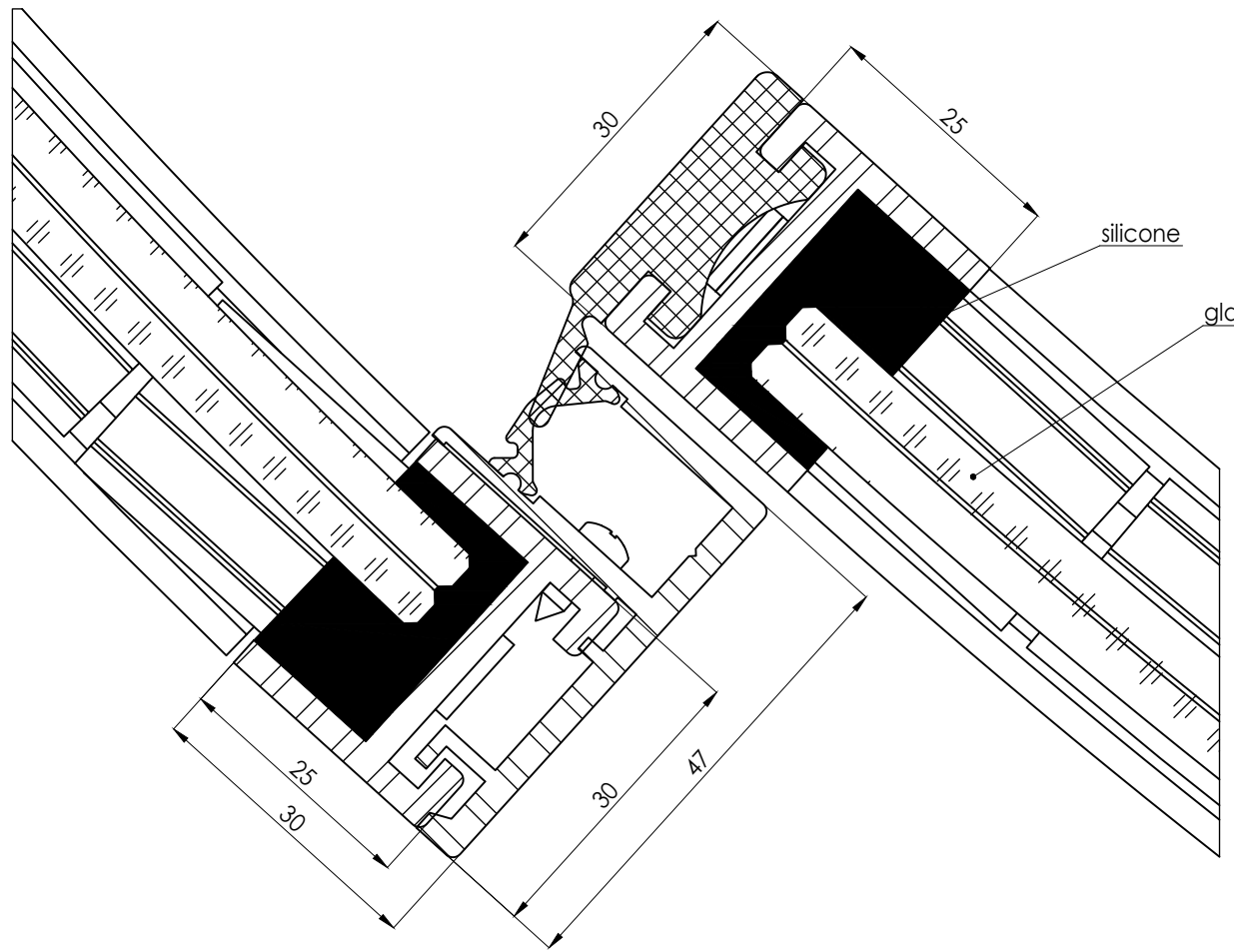
Main + Secondary closing edge

Example: Laminated safety glass, 9.52mm

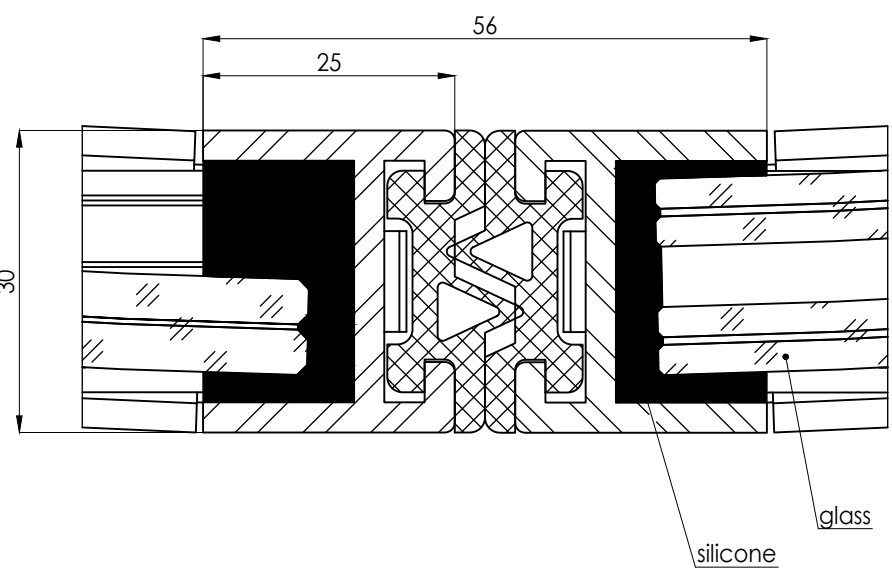


D
(2 : 1)

(Facade connection to be defined by customer)

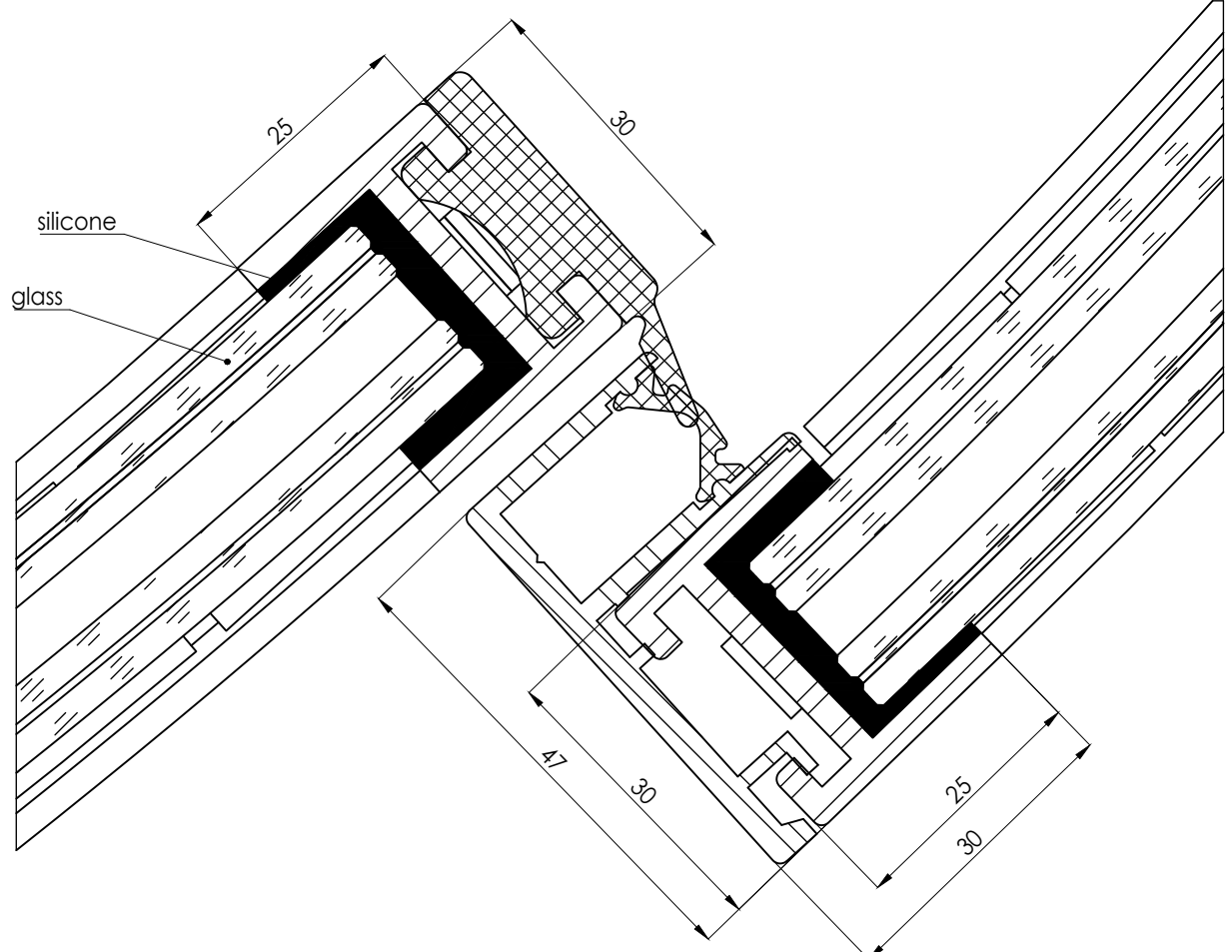


E
(2 : 1)

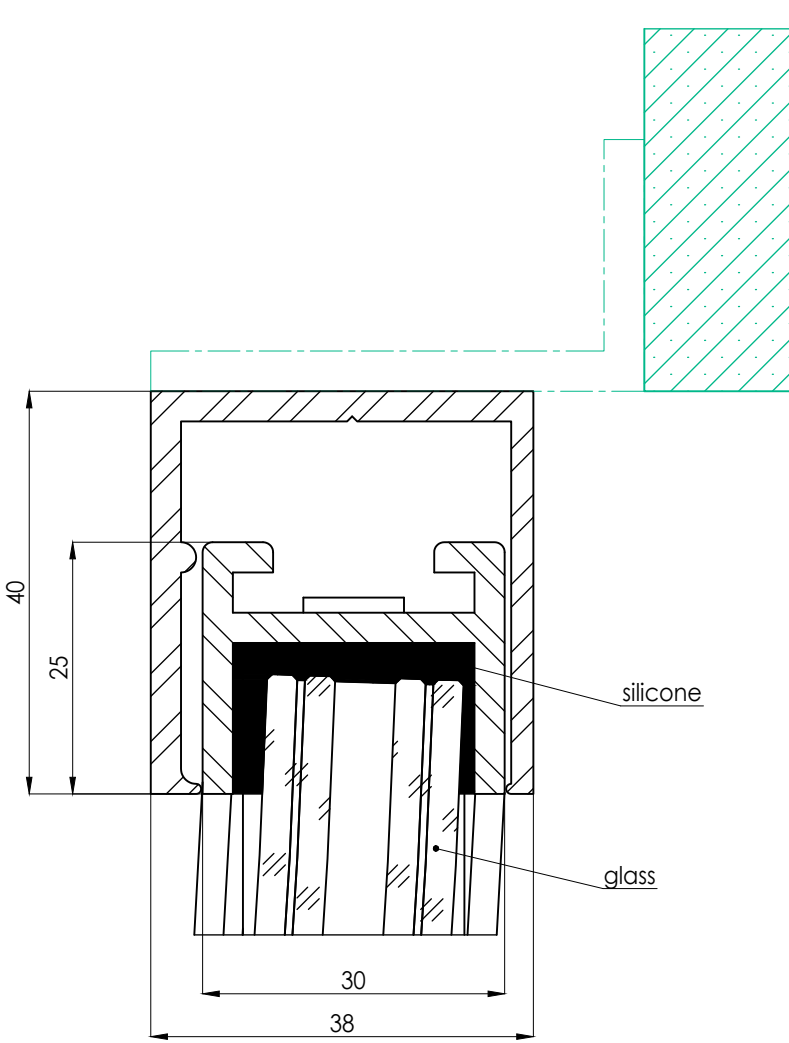


F
(2 : 1)

Example: Insulated glass, 19.52mm



G
(2 : 1)



H
(2 : 1)

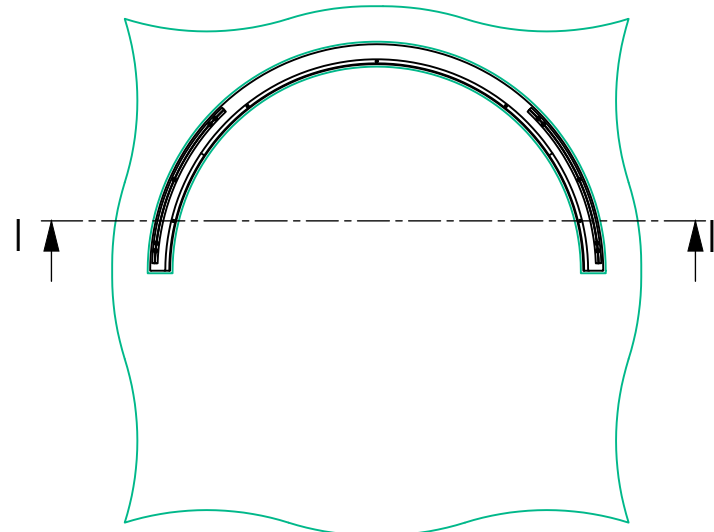
(Facade connection to be defined by customer)

Surface treatment		Material		Remark	
General tolerance	ISO 2768	Proj. method	Scale	Drawn	Date
			1:10	SSC	2022-11-11
Description		Status		Approved	
ASSA ABLOY		CD180 - ALU 30 [mm]		Rev. A	
Drawing No.		Base		Sheet	
		A0		2 (3)	

Floor guide

Top view floor ring

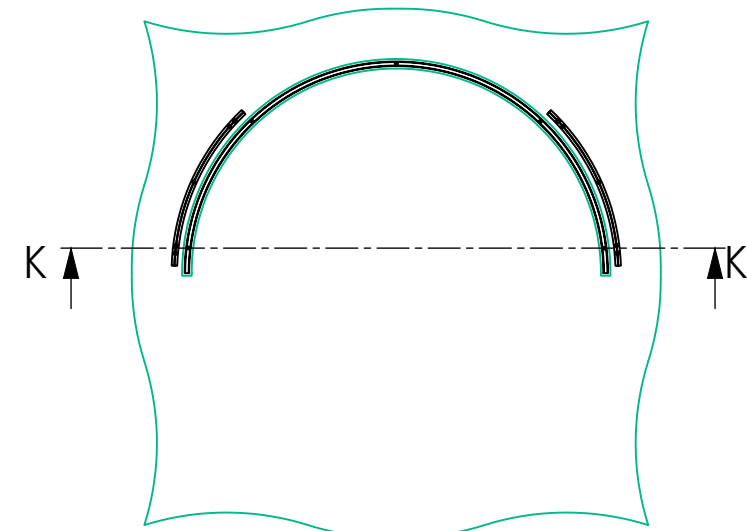
Outside



Inside

Top view floor guide rail

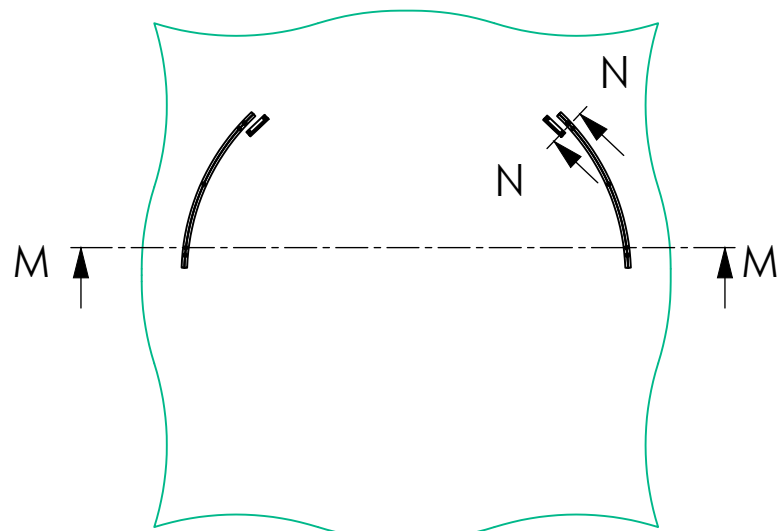
Outside



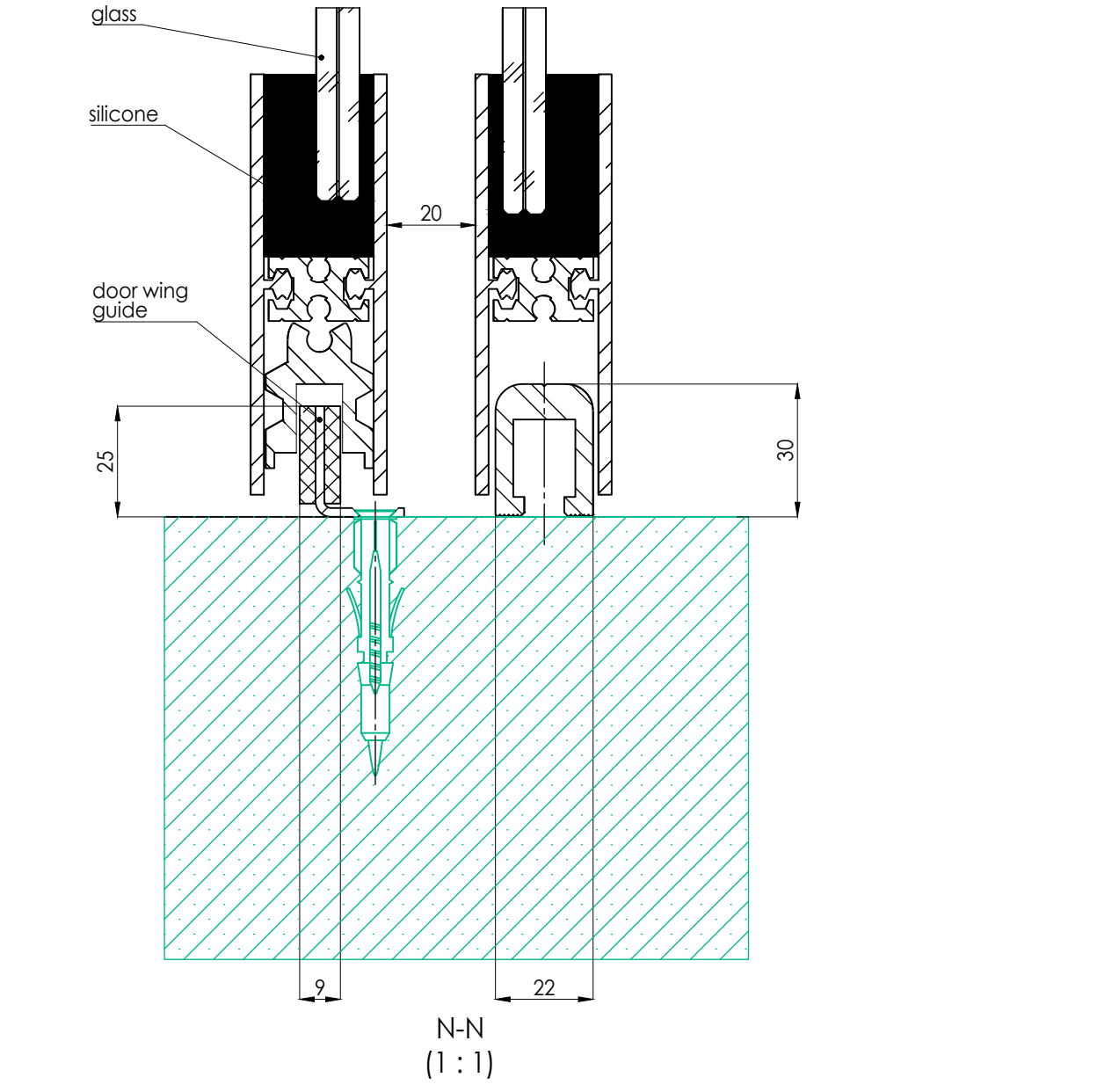
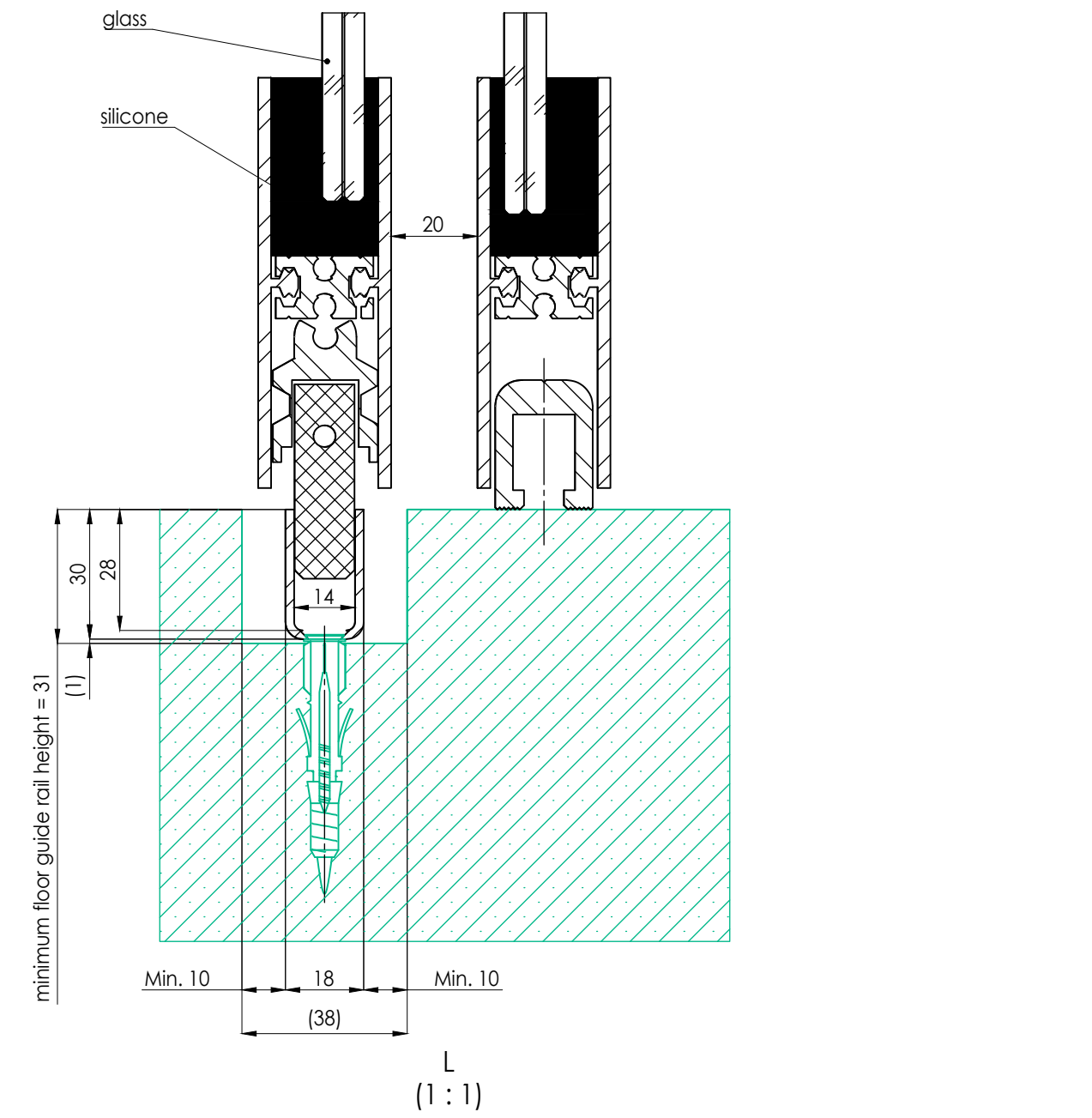
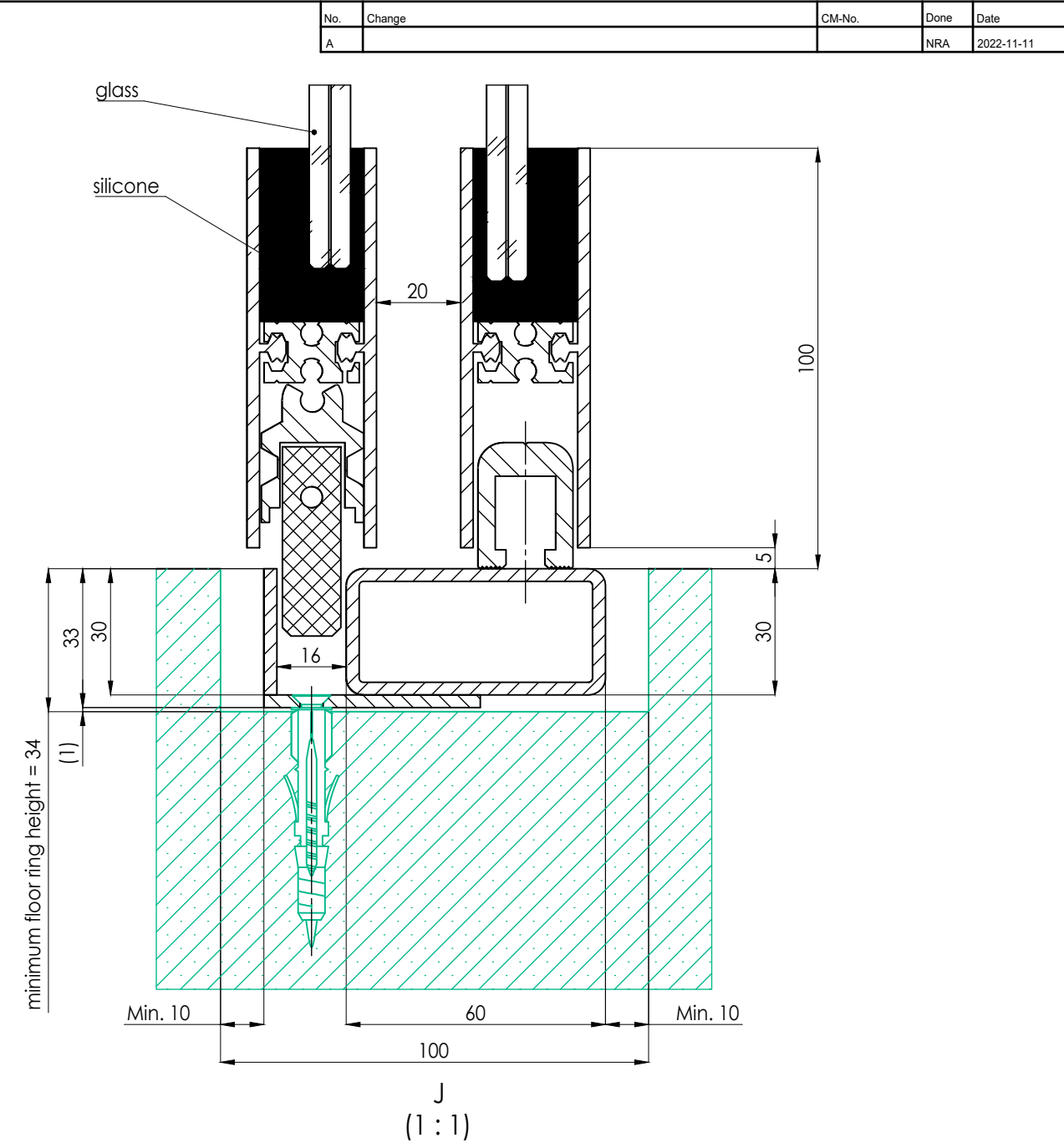
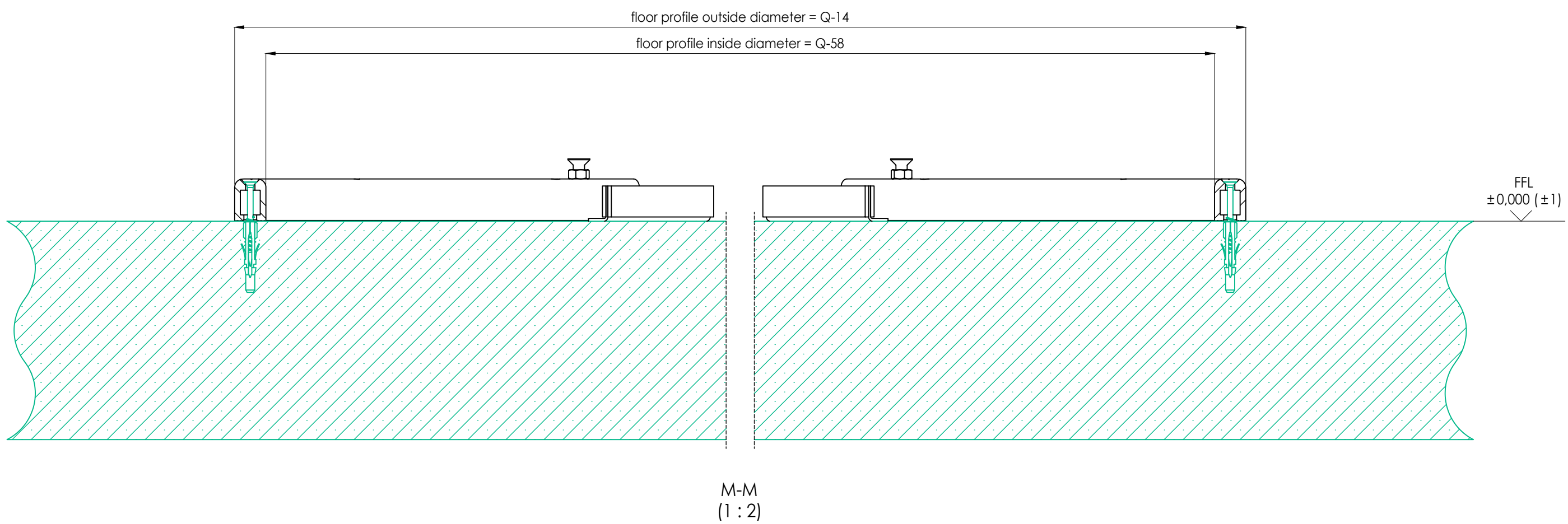
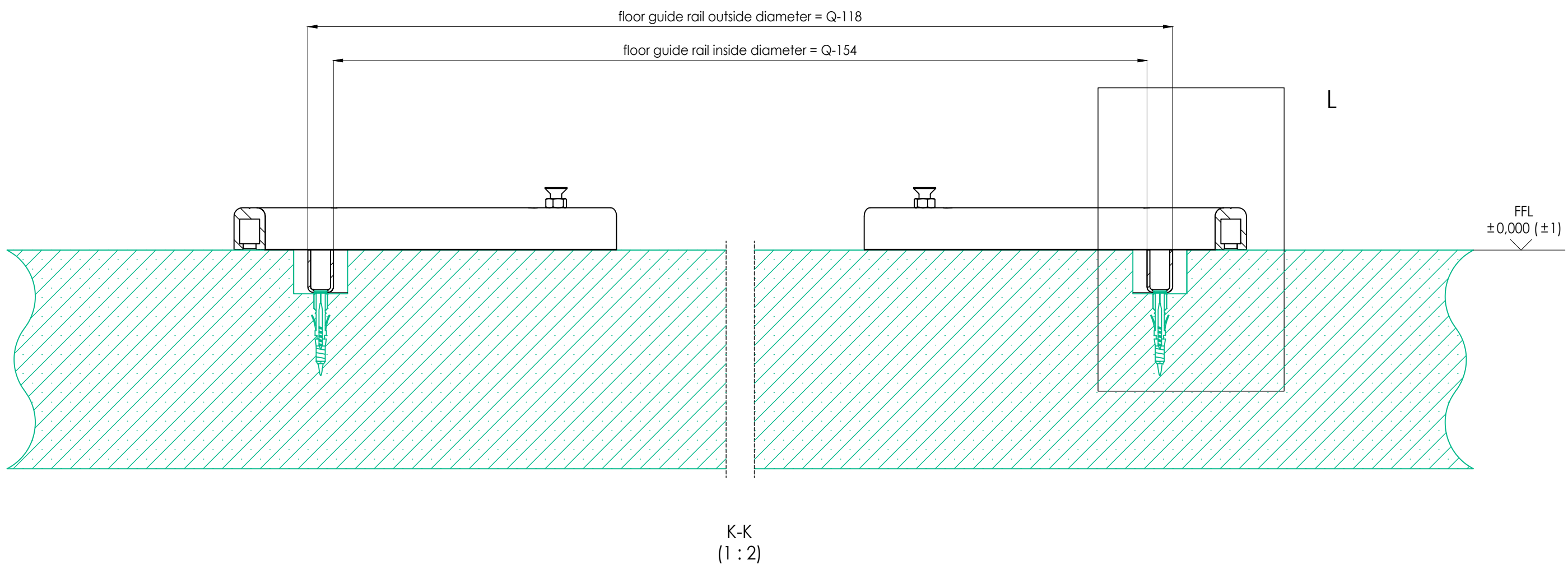
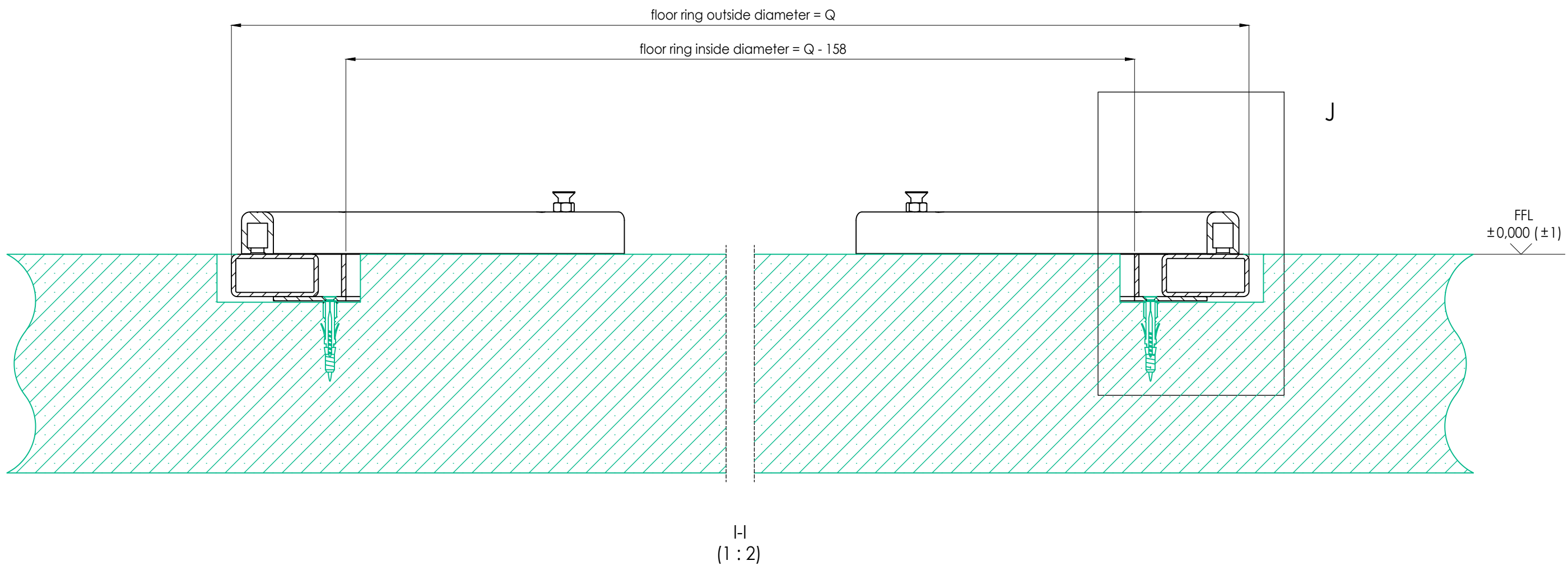
Inside

Top view finished floor

Outside



Inside



Surface treatment		Material		Remark	
General tolerance	ISO 2768	Proj. method	Scale	Drawn	Date
		1:20		SSC	2022-11-11
		Description		Rev.	Base
		ASSA ABLOY		A	A0 13 (3)
		CD180 - ALU 30 [mm]		Drawing No.	