

FEAL



PERGOLE

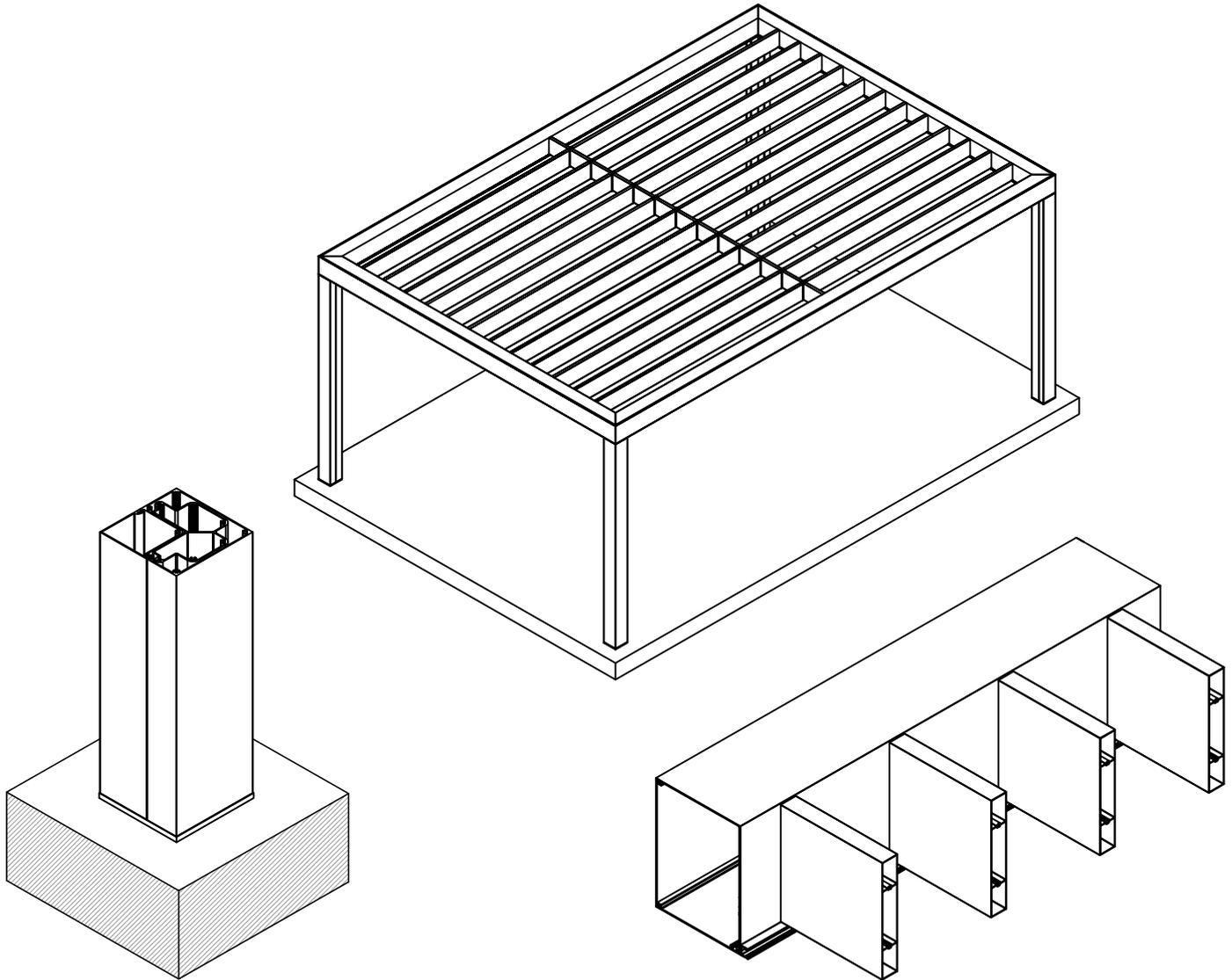
FIKSNE PERGOLE
FIXED PERGOLAS

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Značajke sistema

System characteristics



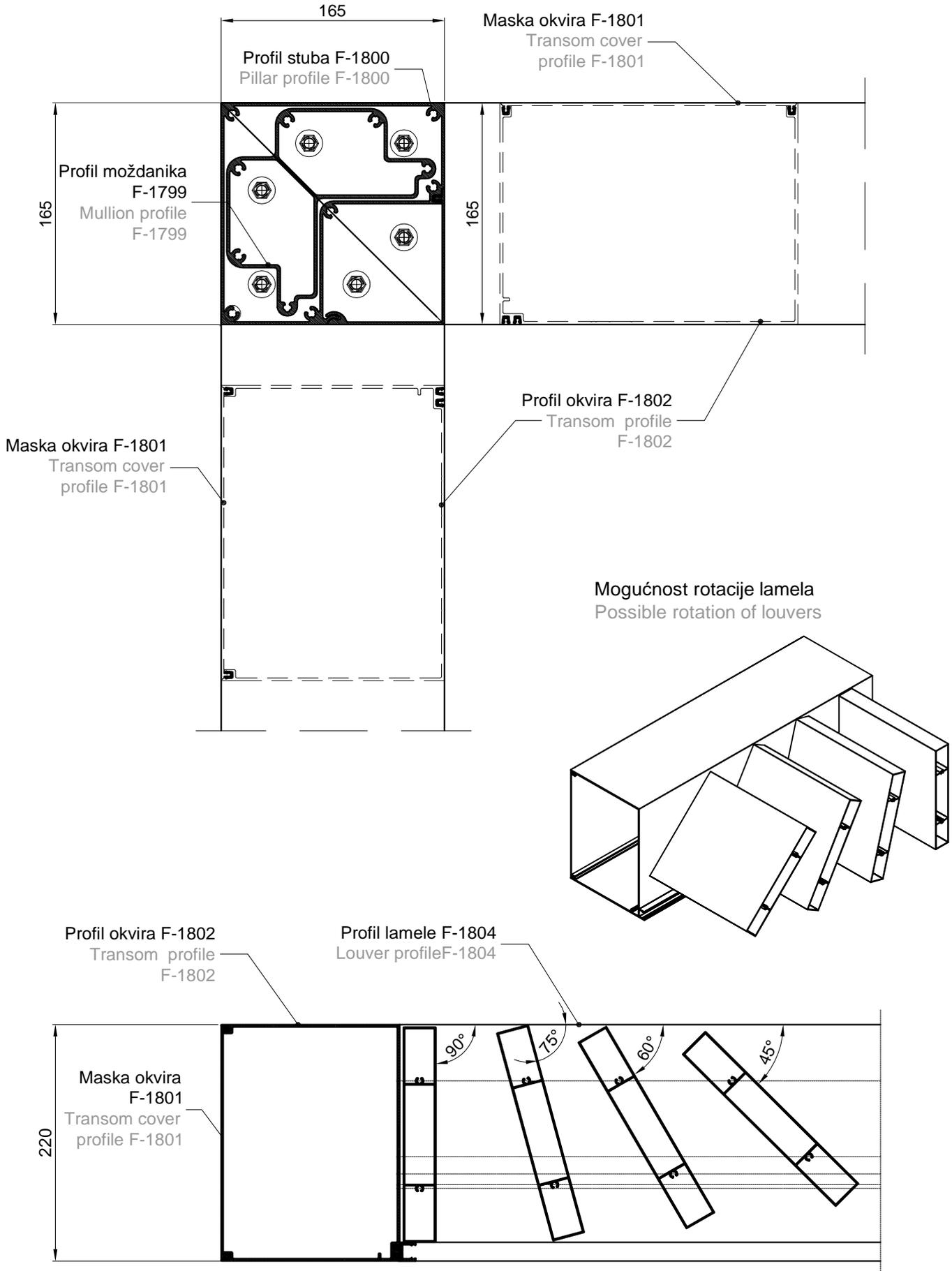
Sistem Pergola prvenstveno se koristi kao zaštita od sunca na otvorenim površinama. Modularni koncept nudi različita tehnološka rješenja kao što su nevidljivi spojevi, utor za led rasvjetu itd. čvrsta konstrukcija omogućuje visoku otpornost na vjetar i max dimenzije do 6x6x3m. Izrađena od laganih i jednostavnih profila, omogućuje različite izvedbene tipologije. Također je omogućena ugradnja različitih sjenila kao i kliznih stijena tipa FEAL FR-18.

The Pergola system is primarily used as sun protection in open areas. The modular concept offers various technological solutions such as invisible joints, slot for LED lighting, etc. The solid construction allows high wind resistance and max dimensions up to 6x6x3m. Made of light and simple profiles, it allows different performance typologies. Installation is also enabled various blinds as well as sliding walls type FEAL FR-18.

Karakteristike sistema:

- dubina okvira..... 220 mm
- frame depth.....220 mm
- dubina ispune.....do 200 mm
- infill depth..... do 200 mm

- osnovni materijal..... EN AW-6060
- material basic..... EN AW-6060
- površinska obrada..... DIN 17611
- surface treatment..... DIN 17611
- kontrola kvalitete..... DIN EN ISO 9001
- quality control..... DIN EN ISO 9001

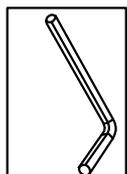




Beton
Concrete



Silikonirati
Silicone



Imbus ključ
Allen key



Pilanje
Sawing



Izrezati skalpelom
Cut with scalpel



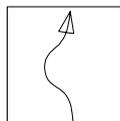
Obrada na glodalici
Processing on mill



Vidljiva površina al profila
Visible profile surface



Zaviti vijke
Tighten the screws



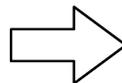
Ventiliranje
Ventilation



Kapljevine
Liquids

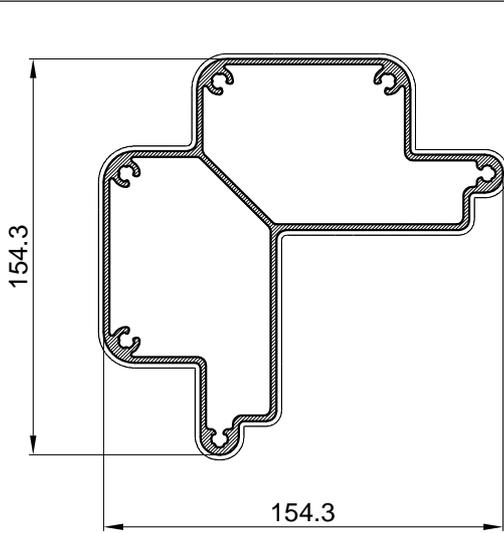


Vanjska strana kliznih vrata
The outside of the sliding door

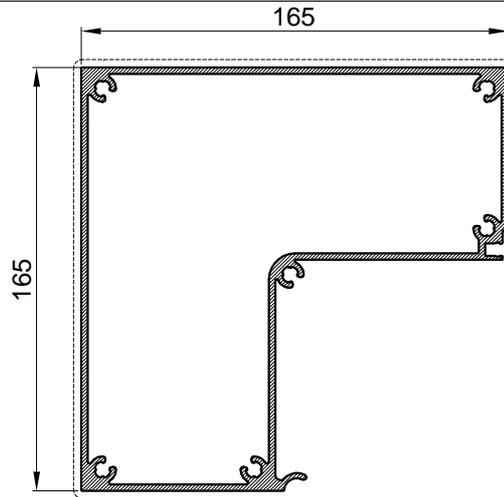


Klizno krilo
Sliding sash

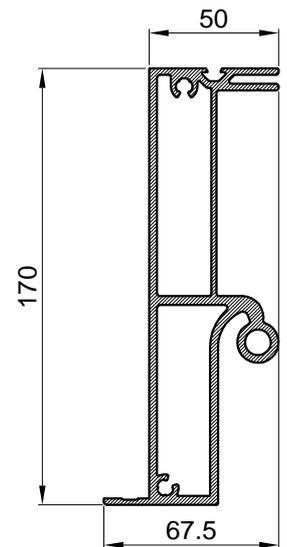
Profili Profiles



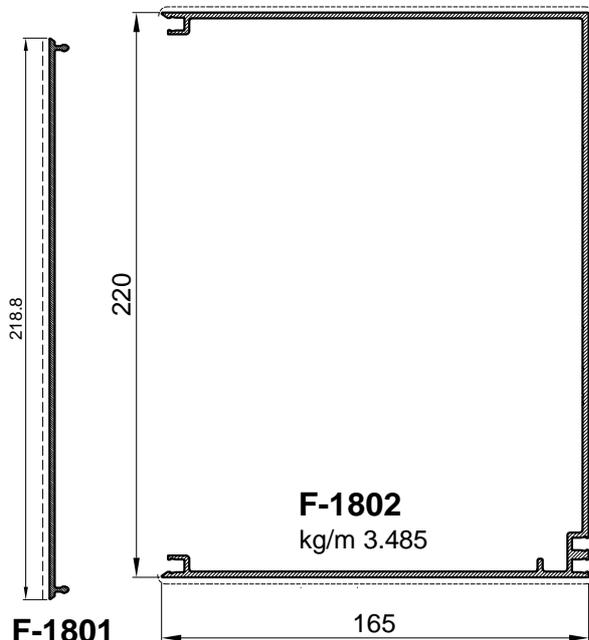
F-1799
kg/m 4.44



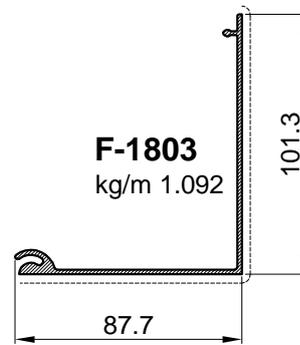
F-1800
kg/m 5.35



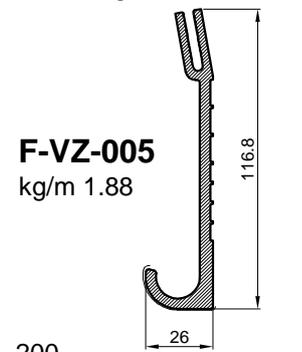
F-VZ-010
kg/m 4.32



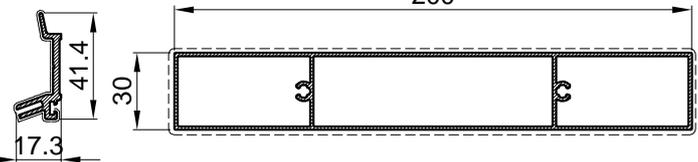
F-1801
kg/m 1.23



F-1803
kg/m 1.092

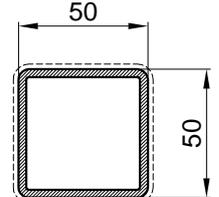


F-VZ-005
kg/m 1.88

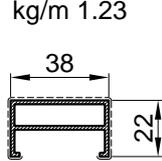


F-VZ-006
kg/m 0.404

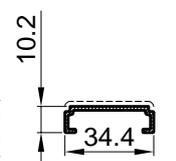
F-1804
kg/m 1.886



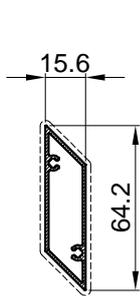
F-1367
kg/m 1.488



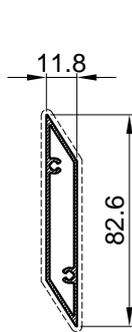
F-1758
kg/m 0.478



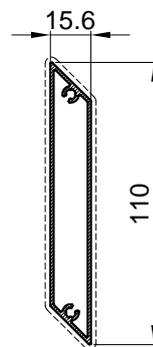
F-1759
kg/m 0.218



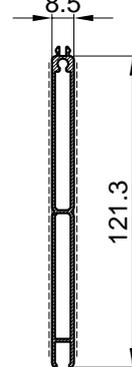
F-1455
kg/m 0.505



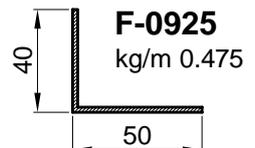
F-1477
kg/m 0.600



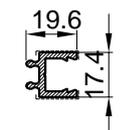
F-1663
kg/m 0.600



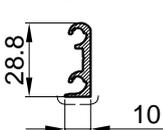
F-0714
kg/m 0.795



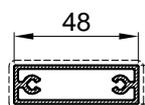
F-0925
kg/m 0.475



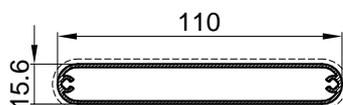
F-1805
kg/m 0.317



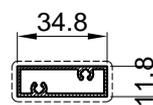
F-1807
kg/m 0.301



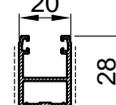
F-1541
kg/m 0.618



F-1662
kg/m 0.834



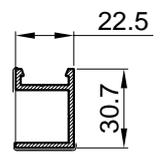
F-1760
kg/m 0.352



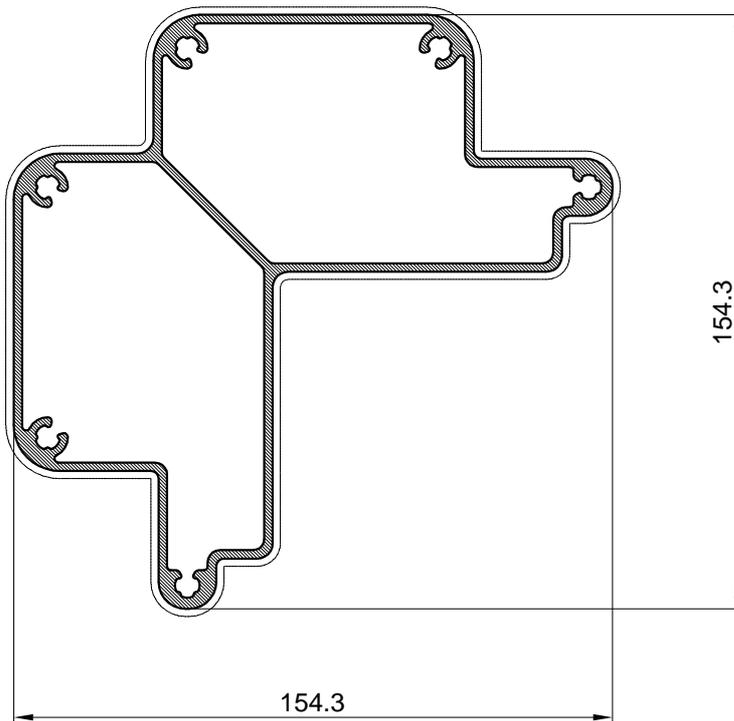
F-1664
kg/m 0.375



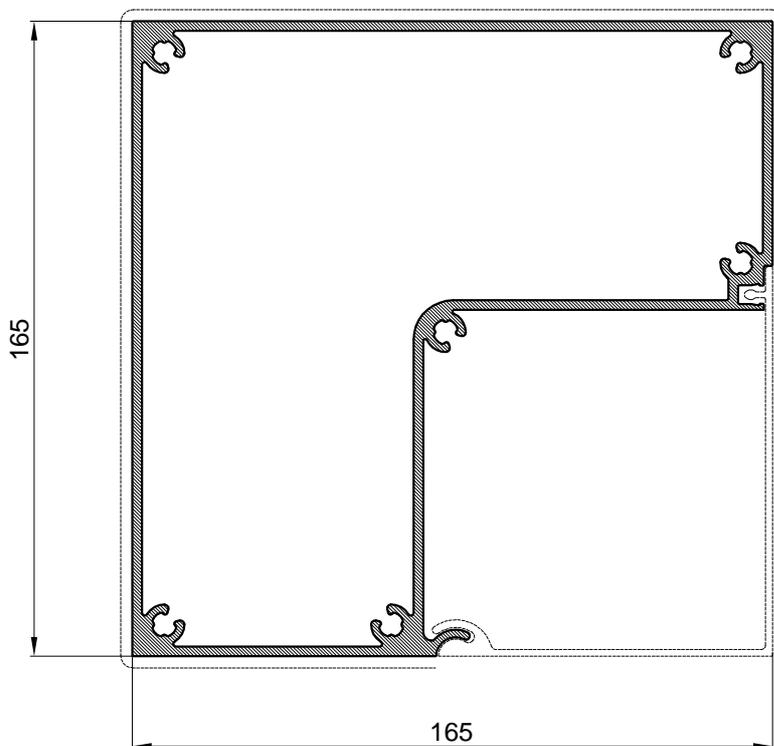
F-0826
kg/m 0.117



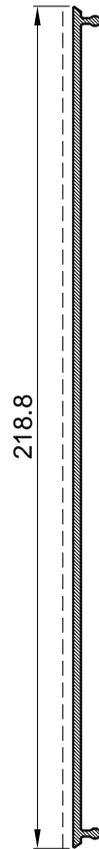
F-1754
kg/m 0.43



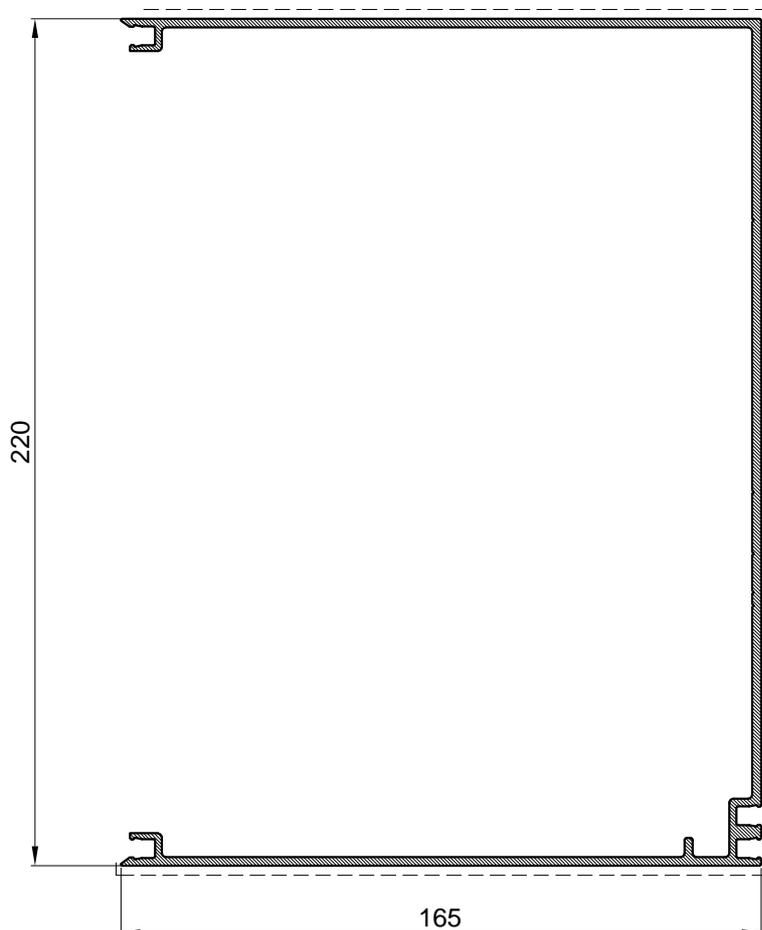
Moždanik stupa Mullion profile		
Art.Br. Art.Nr.	F-1799	
Težina Weight	kg/m'	4.44
Opseg Perimeter	mm	574.29
Moment inercije Moments of inertia	Ix (cm ⁴)	339.15
	Iy (cm ⁴)	339.21
	Wx (cm ³)	37.46
	Wy (cm ³)	37.46
L	mm	6500



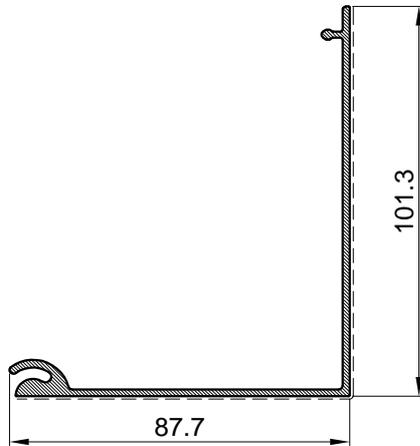
Stup Pillar profile		
Art.Br. Art.Nr.	F-1800	
Težina Weight	kg/m'	5.35
Opseg Perimeter	mm	714.56
Moment inercije Moments of inertia	Ix (cm ⁴)	667.66
	Iy (cm ⁴)	614.88
	Wx (cm ³)	77.83
	Wy (cm ³)	70.9
L	mm	6500



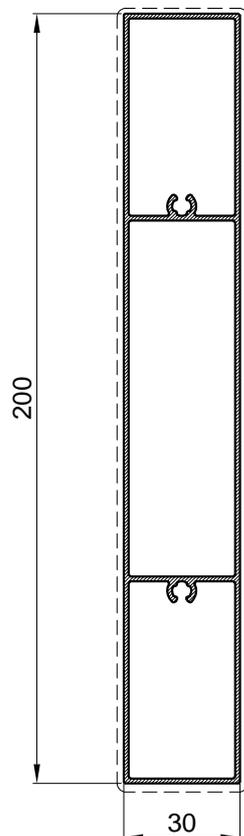
Maska okvira Transom cover profile		
Art.Br. Art.Nr.	F-1801	
Težina Weight	kg/m'	1.23
Opseg Perimeter	mm	459.28
Moment inercije Moments of inertia	I _x (cm ⁴)	192.51
	I _y (cm ⁴)	0.04
	W _x (cm ³)	17.63
	W _y (cm ³)	0.07
L	mm	6500



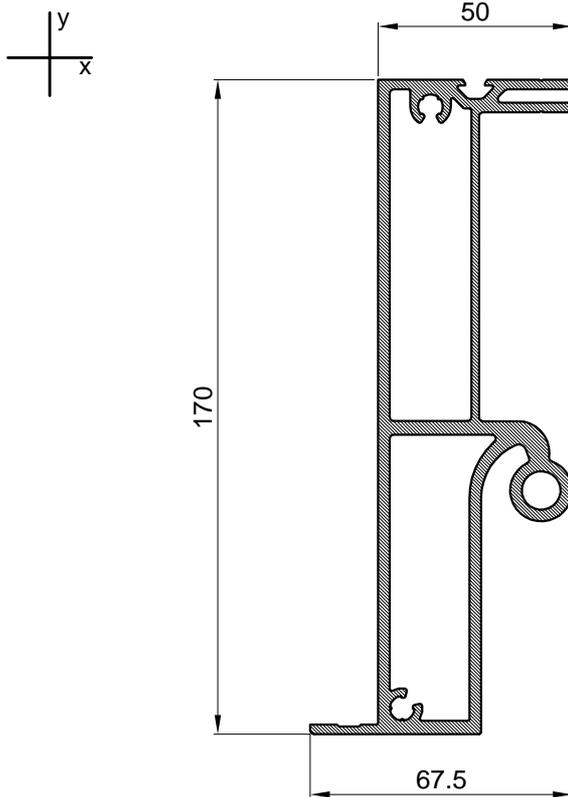
Okvir Transom profile		
Art.Br. Art.Nr.	F-1802	
Težina Weight	kg/m'	3.485
Opseg Perimeter	mm	1176.85
Moment inercije Moments of inertia	I _x (cm ⁴)	1123.48
	I _y (cm ⁴)	401.88
	W _x (cm ³)	99.62
	W _y (cm ³)	35.33
L	mm	6500



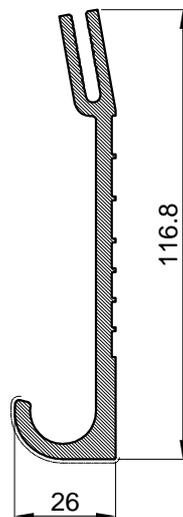
Maska stupa Pillar cover profile		
Art.Br. Art.Nr.	F-1803	
Težina Weight	kg/m'	1.092
Opseg Perimeter	mm	414.29
Moment inercije Moments of inertia	I _x (cm ⁴)	43.38
	I _y (cm ⁴)	42.83
	W _x (cm ³)	5.78
	W _y (cm ³)	7.28
L	mm	6500



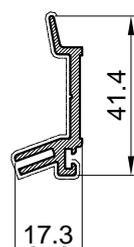
Lamela Louver		
Art.Br. Art.Nr.	F-1804	
Težina Weight	kg/m'	1.886
Opseg Perimeter	mm	459.31
Moment inercije Moments of inertia	I _x (cm ⁴)	268.35
	I _y (cm ⁴)	11.64
	W _x (cm ³)	26.83
	W _y (cm ³)	7.76
L	mm	6500



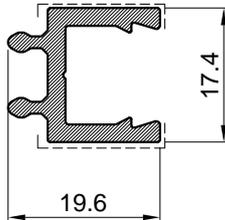
Gornji nosač okomice Transom carrier		
Art.Br. Art.Nr.	F-VZ-010	
Težina Weight	kg/m'	4.325
Opseg Perimeter	mm	597.05
Moment inercije Moments of inertia	Ix (cm ⁴)	474.34
	Iy (cm ⁴)	37.42
	Wx (cm ³)	55.70
	Wy (cm ³)	10.63
L	mm	6500



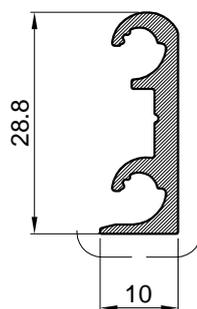
Pihvatnik nosača Receiver Transom carrier		
Art.Br. Art.Nr.	F-VZ-005	
Težina Weight	kg/m'	1.88
Opseg Perimeter	mm	362.59
Moment inercije Moments of inertia	Ix (cm ⁴)	102.84
	Iy (cm ⁴)	2.54
	Wx (cm ³)	15.66
	Wy (cm ³)	1.29
L	mm	6500



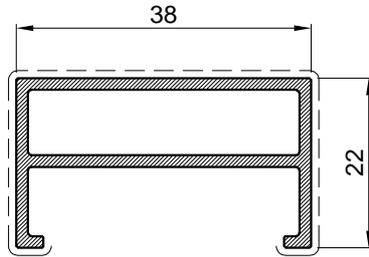
Profil Profile		
Art.Br. Art.Nr.	F-VZ-006	
Težina Weight	kg/m'	0.404
Opseg Perimeter	mm	152.88
L	mm	6500



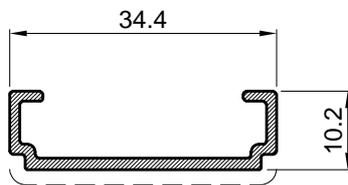
Profil za LED rasvjetu LED lighting profile		
Art.Br. Art.Nr.	F-1805	
Težina Weight	kg/m'	0.317
Opseg Perimeter	mm	109.26
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.47
	I _y (cm ⁴)	0.31
	W _x (cm ³)	0.54
	W _y (cm ³)	0.3
L	mm	6500



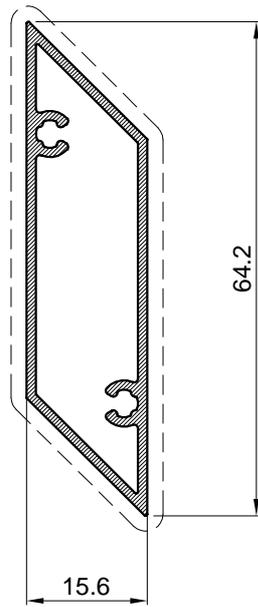
Profil kopče Fastening profile		
Art.Br. Art.Nr.	F-1807	
Težina Weight	kg/m'	0.301
Opseg Perimeter	mm	108
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.88
	I _y (cm ⁴)	0.06
	W _x (cm ³)	0.59
	W _y (cm ³)	0.08
L	mm	6500



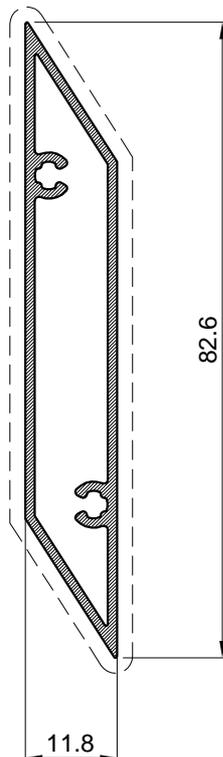
Profil okvira Frame profile		
Art.Br. Art.Nr.	F-1758	
Težina Weight	kg/m'	0.478
Opseg Perimeter	mm	147.6
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.75
	I _y (cm ⁴)	3.44
	W _x (cm ³)	0.54
	W _y (cm ³)	1.81
L	mm	6500



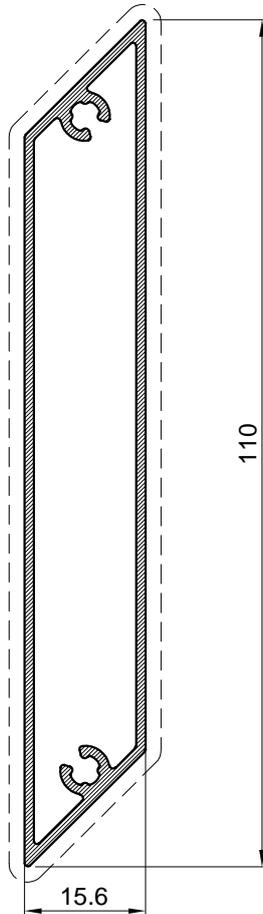
Profil okvira Frame profile		
Art.Br. Art.Nr.	F-1759	
Težina Weight	kg/m'	0.218
Opseg Perimeter	mm	115
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.09
	I _y (cm ⁴)	1.23
	W _x (cm ³)	0.13
	W _y (cm ³)	0.72
L	mm	6500



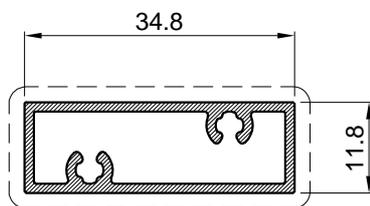
Profil Ispune Infill Profile		
Art.Br. Art.Nr.	F-1455	
Težina Weight	kg/m'	0.505
Opseg Perimeter	mm	141.42
Moment inerccije Moments of inertia	I _x (cm ⁴)	4.40
	I _y (cm ⁴)	2.65
	W _x (cm ³)	1.58
	W _y (cm ³)	1.52
L	mm	6500



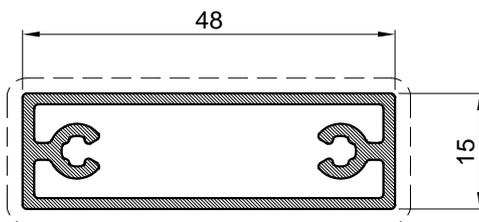
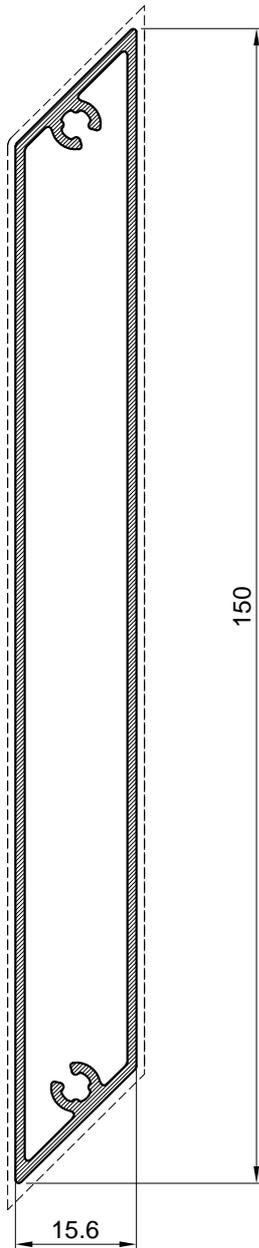
Profil Ispune Infill Profile		
Art.Br. Art.Nr.	F-1477	
Težina Weight	kg/m'	0.600
Opseg Perimeter	mm	179.19
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.492
	I _y (cm ⁴)	11.89
	W _x (cm ³)	0.835
	W _y (cm ³)	2.88
L	mm	6500



Profil ispune Infill profile		
Art.Br. Art.Nr.	F-1663	
Težina Weight	kg/m'	0.826
Opseg Perimeter	mm	233
Moment inercije Moments of inertia	I _x (cm ⁴)	34.40
	I _y (cm ⁴)	1.266
	W _x (cm ³)	6.255
	W _y (cm ³)	1.62
L	mm	6500

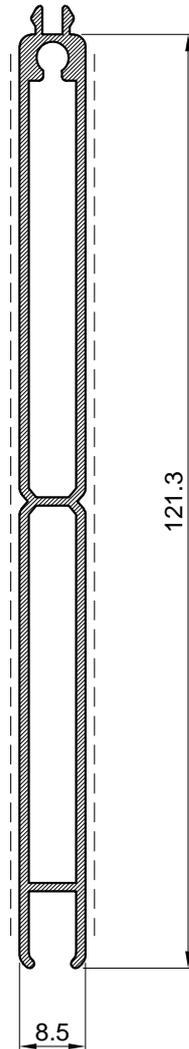


Profil ispune Infill profile		
Art.Br. Art.Nr.	F-1760	
Težina Weight	kg/m'	0.352
Opseg Perimeter	mm	93
Moment inercije Moments of inertia	I _x (cm ⁴)	0.27
	I _y (cm ⁴)	1.69
	W _x (cm ³)	0.47
	W _y (cm ³)	0.97
L	mm	6500

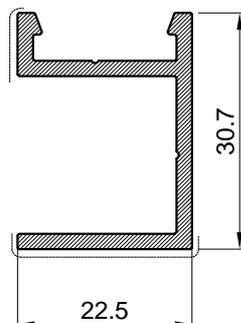


Profil ispune Infill profile		
Art.Br. Art.Nr.	F-1690	
Težina Weight	kg/m'	1.09
Opseg Perimeter	mm	652.1
Moment inercije Moments of inertia	I _x (cm ⁴)	84.22
	I _y (cm ⁴)	1.77
	W _x (cm ³)	11.23
	W _y (cm ³)	2.26
L	mm	6500

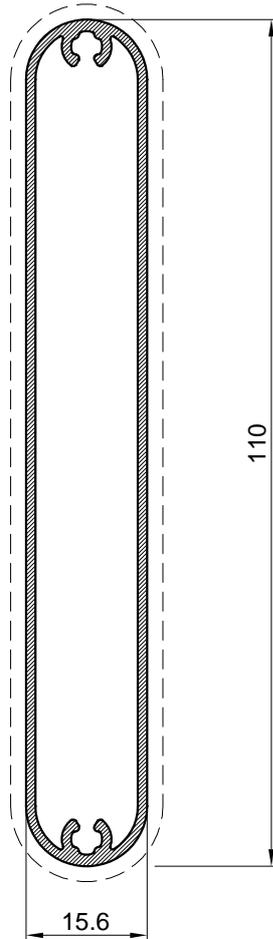
Profil ispune Infill profile		
Art.Br. Art.Nr.	F-1541	
Težina Weight	kg/m'	0.618
Opseg Perimeter	mm	186
Moment inercije Moments of inertia	I _x (cm ⁴)	6.49
	I _y (cm ⁴)	0.69
	W _x (cm ³)	2.70
	W _y (cm ³)	0.92
L	mm	6500



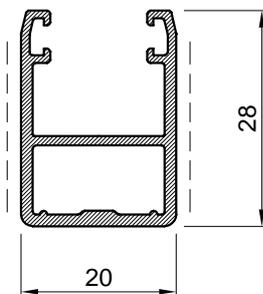
Profil ispune Infill profile		
Art.Br. Art.Nr.	F-0714	
Težina Weight	kg/m'	0.895
Opseg Perimeter	mm	294.19
Moment inerccije Moments of inertia	I _x (cm ⁴)	46.51
	I _y (cm ⁴)	0.4
	W _x (cm ³)	7.22
	W _y (cm ³)	0.95
L	mm	6500



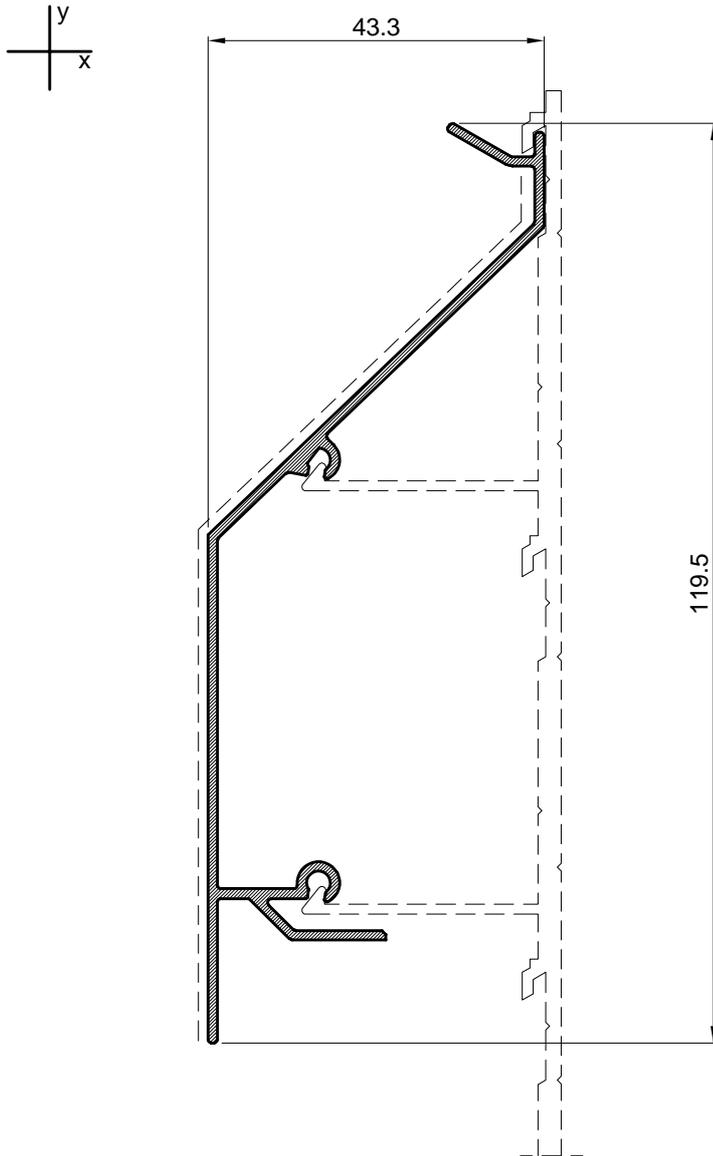
Držac ispune Infill holder		
Art.Br. Art.Nr.	F-1754	
Težina Weight	kg/m'	0.43
Opseg Perimeter	mm	161.22
Moment inerccije Moments of inertia	I _x (cm ⁴)	1.84
	I _y (cm ⁴)	0.98
	W _x (cm ³)	1.19
	W _y (cm ³)	0.71
L	mm	6500



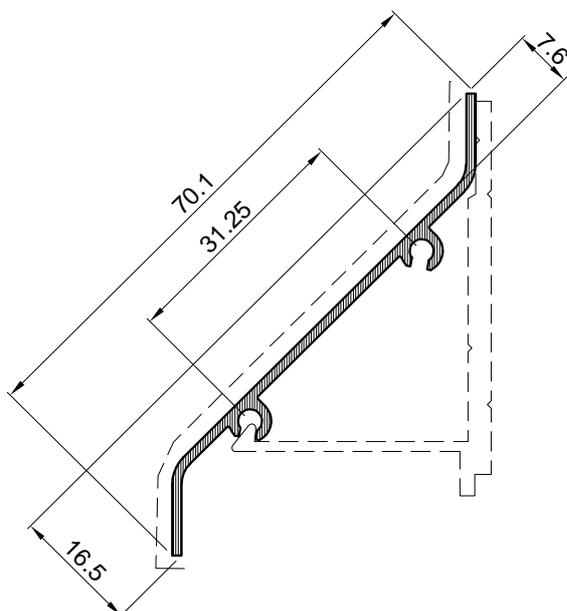
Profil ispune Infill profile		
Art.Br. Art.Nr.	F-1662	
Težina Weight	kg/m'	0.834
Opseg Perimeter	mm	237.81
Moment inerccije Moments of inertia	I _x (cm ⁴)	38.93
	I _y (cm ⁴)	3.019
	W _x (cm ³)	0.186
	W _y (cm ³)	1.448
L	mm	6500



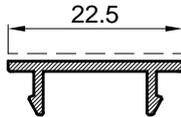
Držač ispune Infill holder		
Art.Br. Art.Nr.	F-1664	
Težina Weight	kg/m'	0.375
Opseg Perimeter	mm	149.50
Moment inerccije Moments of inertia	I _x (cm ⁴)	1.029
	I _y (cm ⁴)	0.848
	W _x (cm ³)	0.622
	W _y (cm ³)	0.848
L	mm	6500



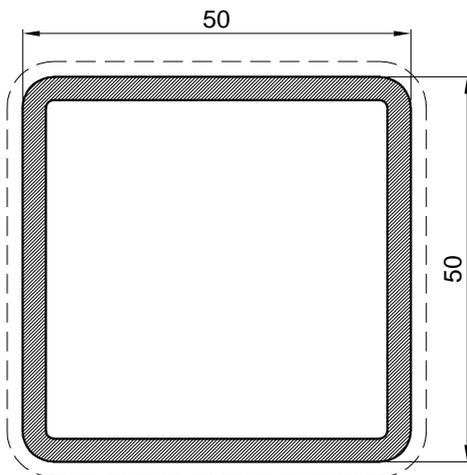
Lamela Louvre		
Art.Br. Art.Nr.	F-1501	
Težina Weight	kg/m'	0.65
Opseg Perimeter	mm	388.15
Moment inerccije Moments of inertia	I _x (cm ⁴)	32.03
	I _y (cm ⁴)	4.96
	W _x (cm ³)	5.16
	W _y (cm ³)	1.72
L	mm	6500



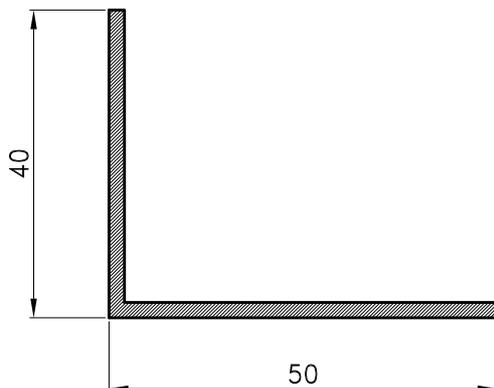
Lamela Louvre		
Art.Br. Art.Nr.	F-0814	
Težina Weight	kg/m'	0.3
Opseg Perimeter	mm	180.32
Moment inerccije Moments of inertia	I _x (cm ⁴)	0.07
	I _y (cm ⁴)	4.5
	W _x (cm ³)	0.08
	W _y (cm ³)	1.28
L	mm	6500



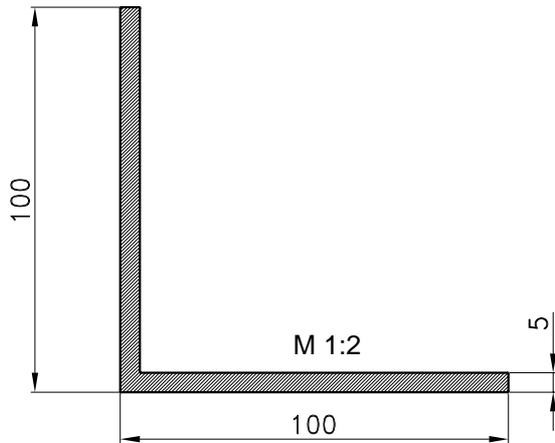
Profil Profile		
Art.Br. Art.Nr.	F-0826	
Težina Weight	kg/m'	0.117
Opseg Perimeter	mm	70.3
L	mm	6500



Profil Profile		
Art.Br. Art.Nr.	F-1367	
Težina Weight	kg/m'	1.488
Opseg Perimeter	mm	193.2
L	mm	6500



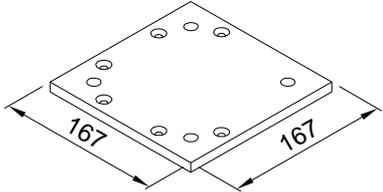
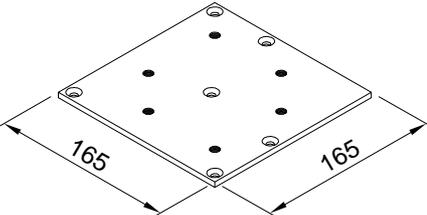
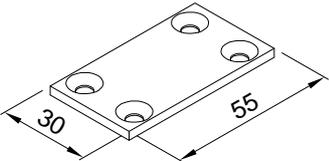
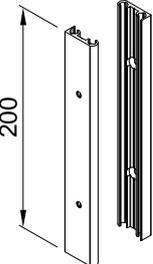
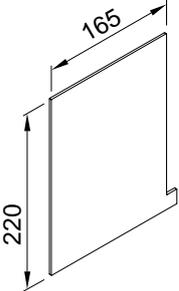
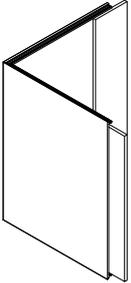
Profil Profile		
Art.Br. Art.Nr.	F-0925	
Težina Weight	kg/m'	0.475
Opseg Perimeter	mm	180
L	mm	6500

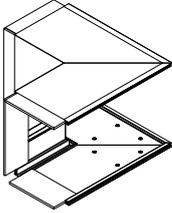


Profil Profile		
Art.Br. Art.Nr.	F-1043	
Težina Weight	kg/m'	2.22
Opseg Perimeter	mm	400
L	mm	6500

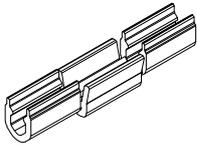
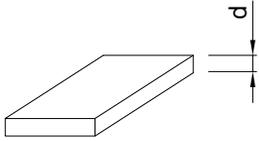
Vezni elementi

Connection elements

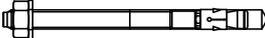
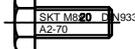
Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
521.433.01 02 03		<ul style="list-style-type: none"> - Donja ploča za fiksnu pergolu - Radi se iz profila F-1001 - Lower plate - Made of profile F-1001 	Al	
521.434.01 02 03		<ul style="list-style-type: none"> - Gornja ploča za fiksnu pergolu - Radi se iz profila F-1019 - Upper plate - Made of profile F-1019 	Al	
391.256.01 02 03		<ul style="list-style-type: none"> - Pločica za pergolu s poprečnom gredom - Radi se iz profila F-0162 - Cover cap - Made of profile F-0162 	Al	
521.436.01 02 03		<ul style="list-style-type: none"> - Kopča za lamelu - Radi se iz profila F-1807 - Clamp for lamellae - Made of profile F-1807 	Al	
391.257.01 02 03		<ul style="list-style-type: none"> - Čep za okvir - Cap for transom 	Al	
391.265.01 02 03		<ul style="list-style-type: none"> - Element gotovog kuta-maski - The finished corner element-transom cover 	Al	

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
391.267.01 02 03		<ul style="list-style-type: none"> - Element gotovog kuta-okvir -The finished corner element-transom cover 		
391.266.01 02 03		<ul style="list-style-type: none"> - Element za ojačanje kuta - The element for corner reinforcement 	Al	

PVC elementi
PVC elements

Oznaka Code	Izgled-presjek View-cross section	Opis Description	Materijal Material	Napomena Remark
375.048		-Umetak -Insert	PVC	
370.044		- Podmetači za staklo 100 x 34 x 2 mm - Glazing packers 100 x 34 x 2mm - Kod proizvođača BO 51 234 01		

Dodaci
Accessories

Oznaka Code	Opis Description	Izgled-presjek View-cross section	Materijal Material	Napomena Remark
430.014	Tipl FBN 10/50 Anchor FBN 10/50 A4		Inox A4	
433.168	Samourezujući vijak 6.3x50 DIN 7982 Selfscrew 6.3x50 DIN 7982		Inox A2	
433.047	Samourezujući vijak 4.8x38 DIN 7981 Selfscrew 4.8x38 DIN 7981		Inox A2	
433.133	Samourezujući vijak 4.8x32DIN 7982 Selfscrew 4.8x16 DIN 7982			
433.074	Samourezujući vijak 4.8x16 DIN 7981 Selfscrew 4.8x16 DIN 7981		Inox A2	
433.128	Samourezujući vijak 4.8x13 DIN 7982 Selfscrew 4.8x16 DIN 7982		Inox A2	
431.051	Vijak M8x20 DIN 933 Screw M8x20 DIN 933		Inox A2	
432.005	Matica M8 DIN 934 Nut M8 DIN 934		Inox A2	
432.113	Podloška U8 DIN 125 Washer U8 DIN 125		Inox A2	

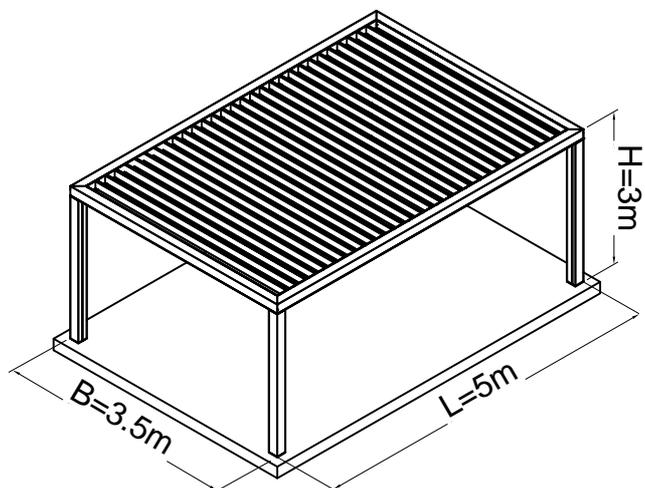
Presjeci

Cross section

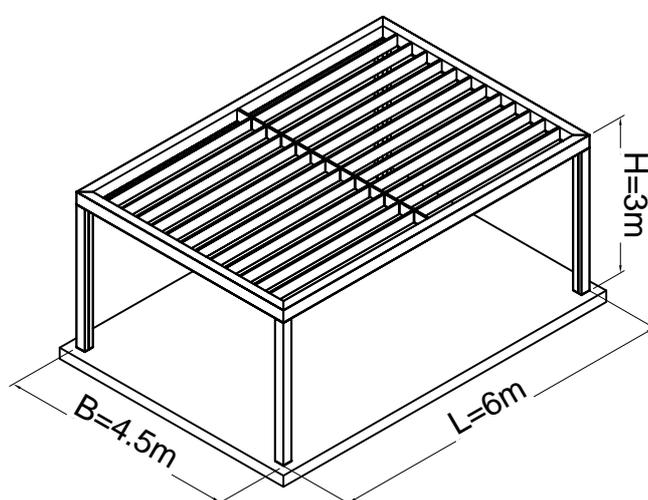
Dimenzije pergola ovisne o mikrolokaciji
U slučaju velikoj izloženosti vjetru napraviti statički proračun.

Pergola dimensions depend on the microlocation
In case of high wind exposure, perform a static calculation

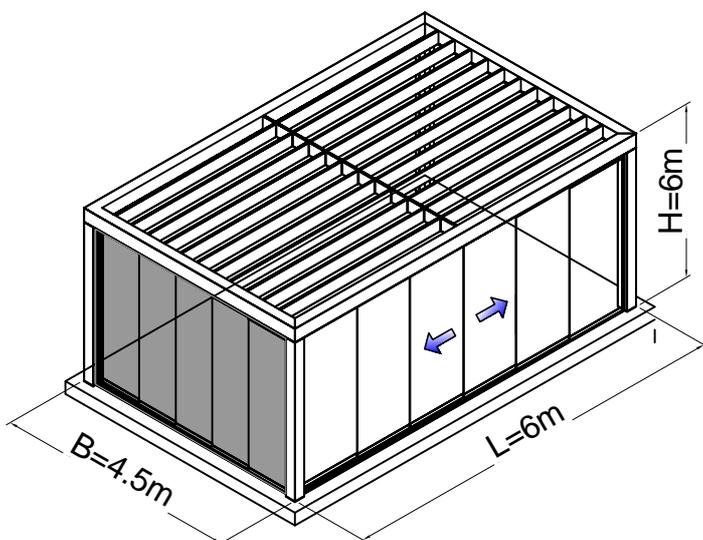
SHEMA 1
SCHEME 1



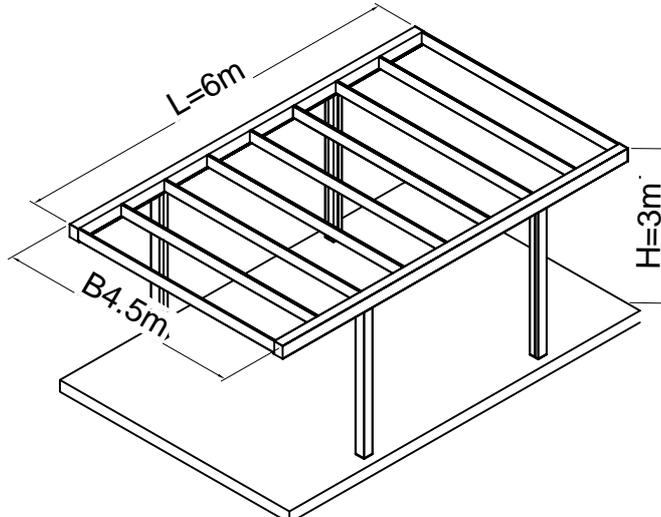
SHEMA 2
SCHEME 2



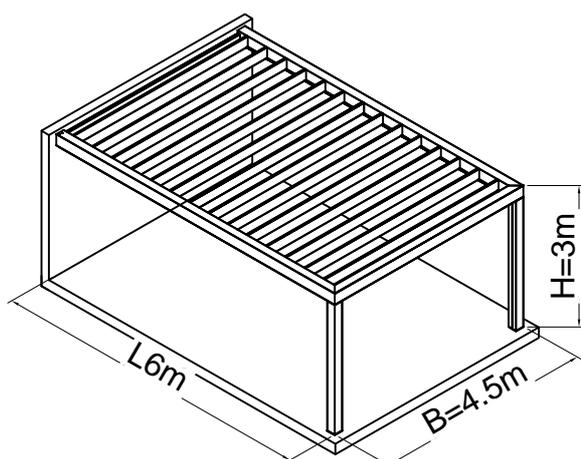
SHEMA 3
SCHEME 3



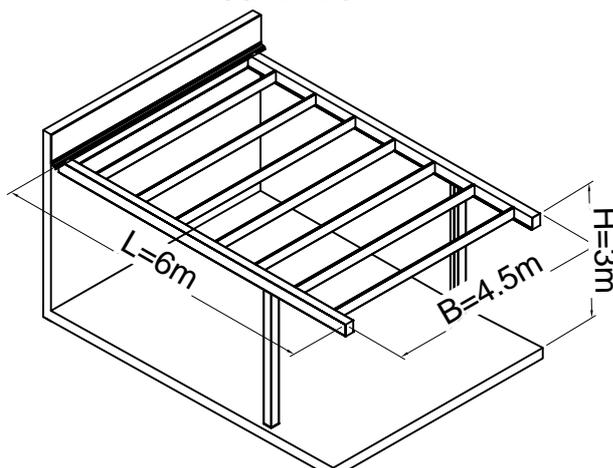
SHEMA 4
SCHEME 4



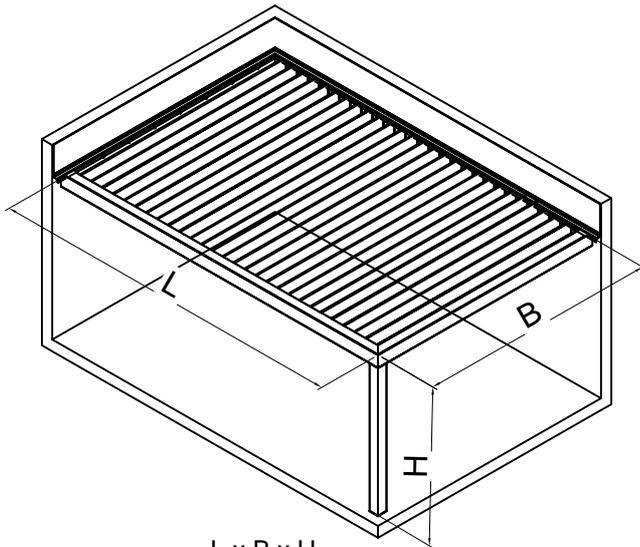
SHEMA 5
SCHEME 5



SHEMA 6
SCHEME 6

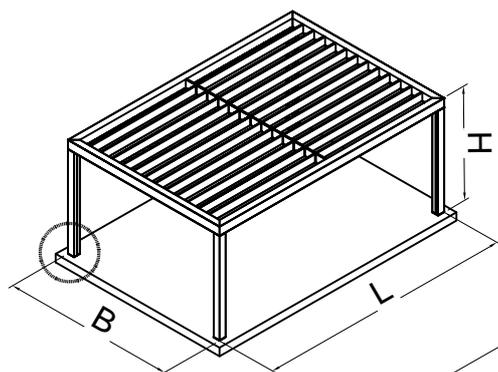


SHEMA 7
SCHEME 7



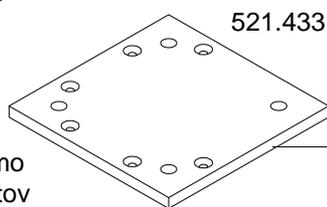
L x B x H
5 x 5 x 3

I. Presjek s donjom pločom I. Cross section with lower plate

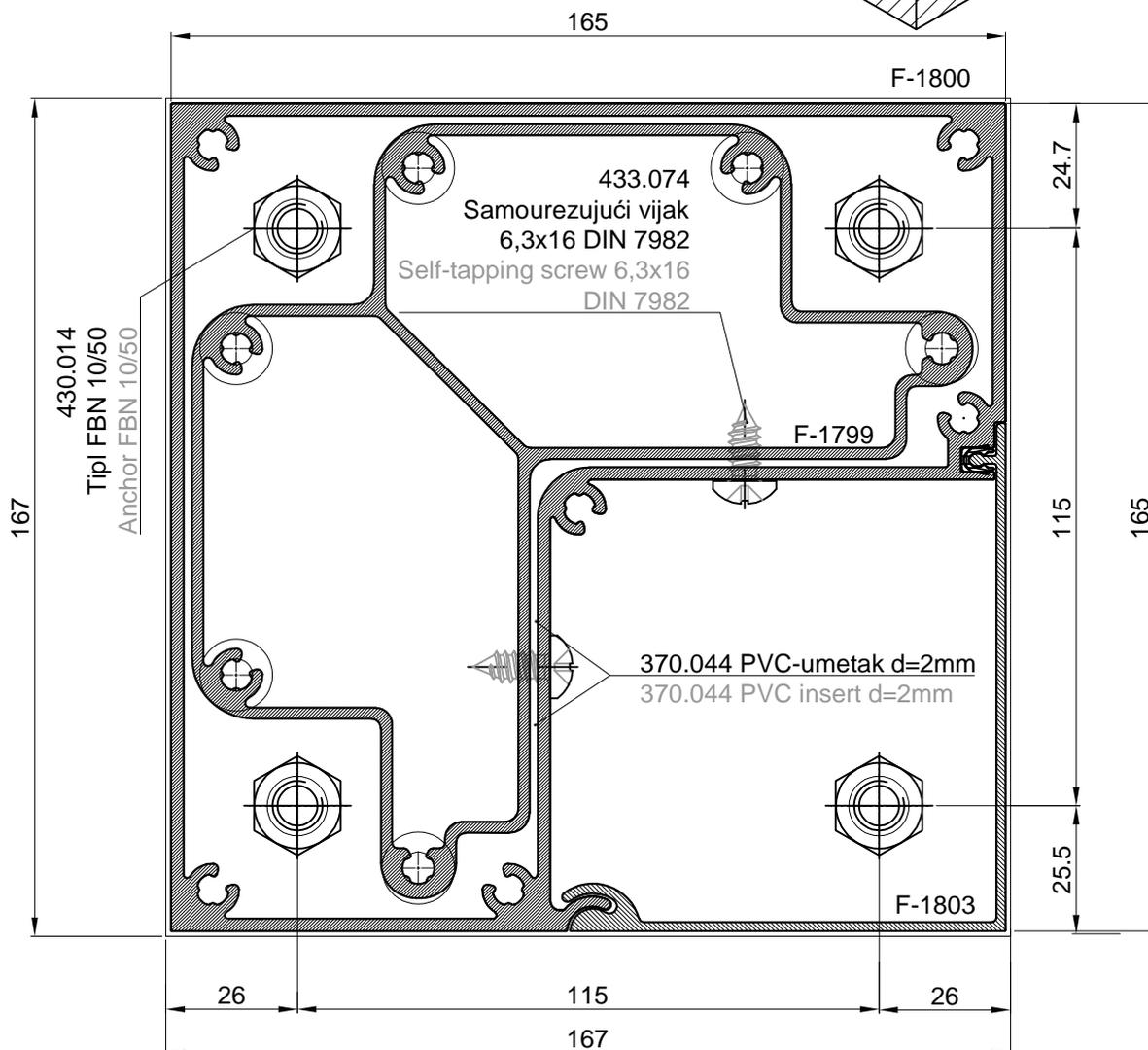
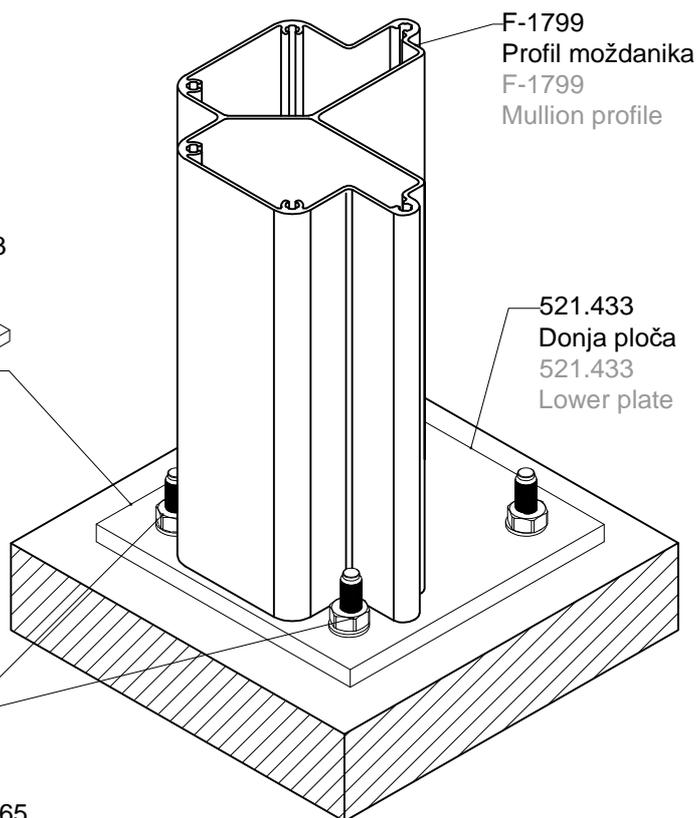


Donju ploču 521.433 montiramo zajedno s moždanikom na gotov pod prema crtežu
Lower plate 521.433 montage with mullion profile on finished floor, according to the drawing

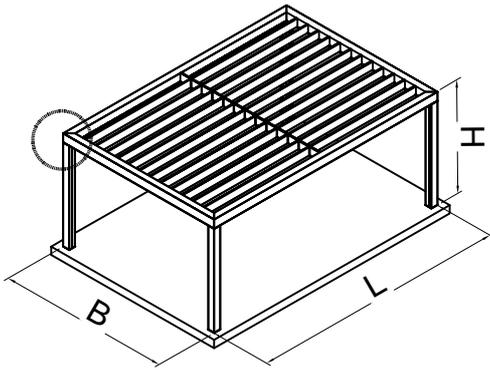
*Tipi izabrati ovisno o podlozi
*Choose the dowel depending on the substrate



430.014*
Tipi FBN 10/50
Anchor FBN 10/50



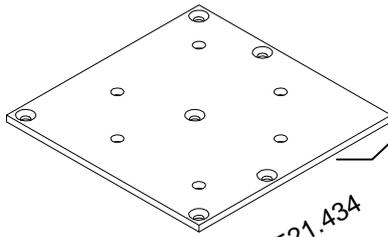
II. Presjek s gornjom pločom II Cross section with upper plate



431.051
Vijak M8x20 DIN 933
431.051
Screw M8x20 DIN 933

521.434
Gornja ploča
521.434
Upper plate

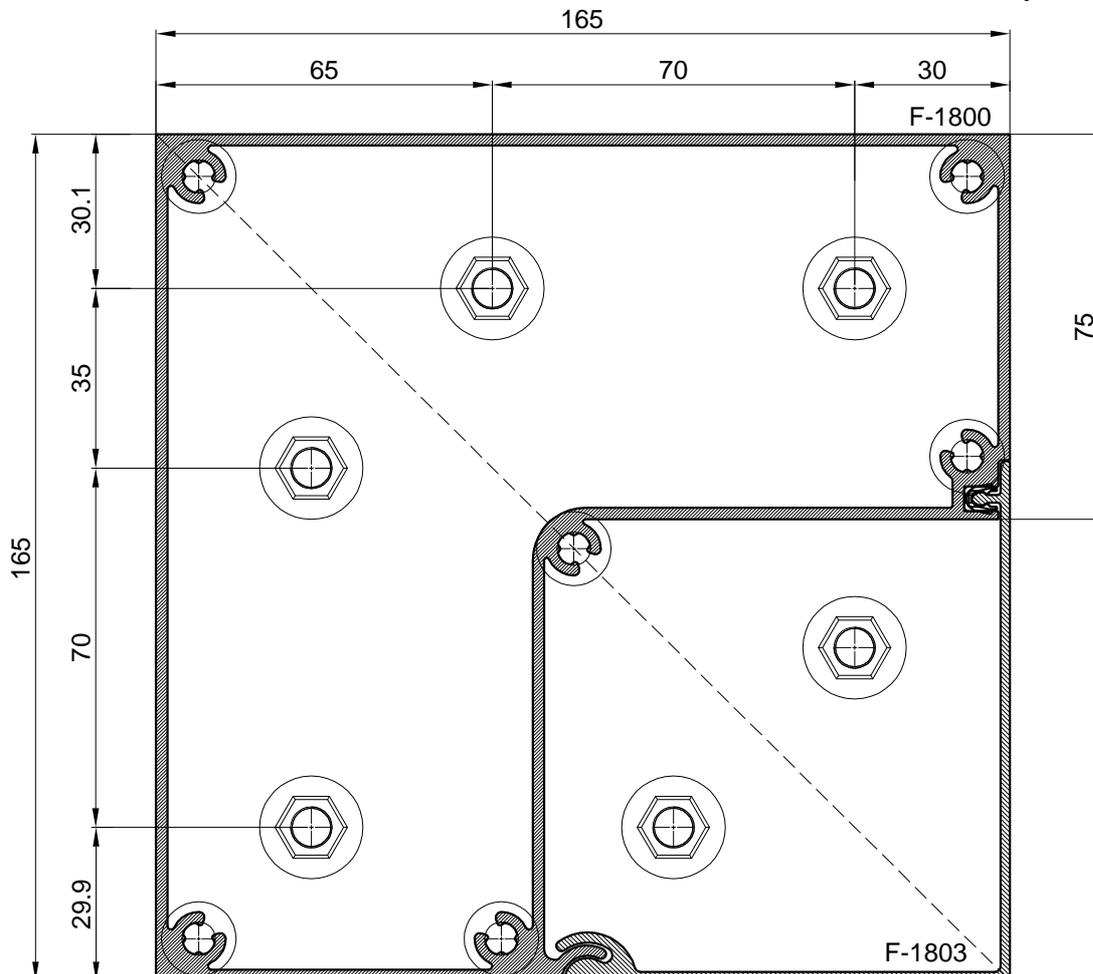
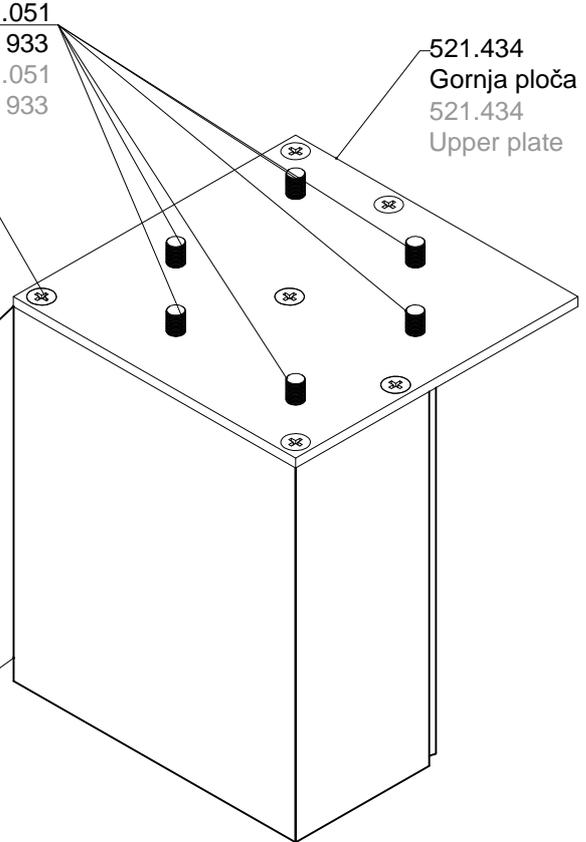
433.168
Samorezujući vijak
6.3x50 DIN 7982
Self-tapping screw
6.3x50 DIN 7982

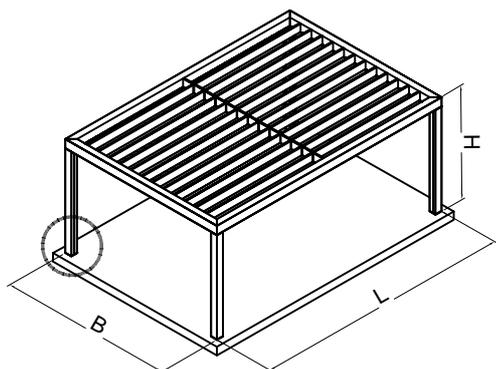


Mjera pilanja stuba F-1800
H-235
Pillar cutting measure F-1800
H-235

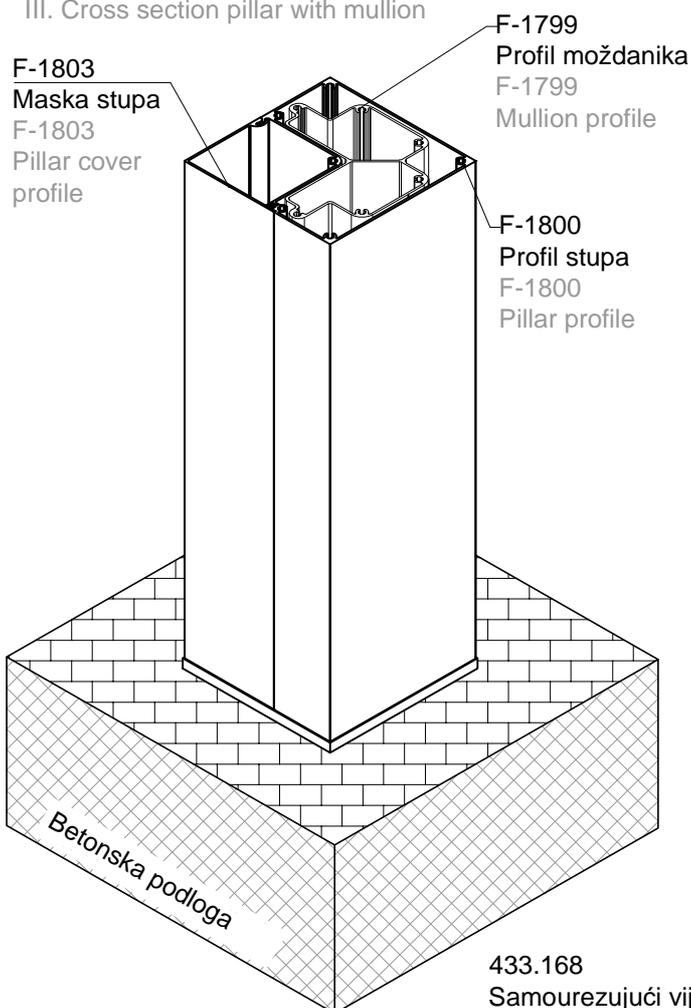
521.434

F-1800
Profil stupa
F-1800
Pillar profile





III. Presjek stuba s moždanikom.
III. Cross section pillar with mullion



F-1803
Maska stupa
F-1803
Pillar cover
profile

F-1799
Profil moždanika
F-1799
Mullion profile

F-1800
Profil stupa
F-1800
Pillar profile

F-1799
Profil moždanika
F-1799
Mullion profile

Betonska podloga

*Tipl izabrati ovisno o podlozi
Choose the dowel depending
on the substrate

 Beton
Concrete

433.168
Samourezujući vijak
6.3x50 DIN 7981
433.168
Self-tapping screw 6.3x50
DIN 7981

430.014*
Tipl FBN 10/50
Anchor FBN 10/50

Min 60mm

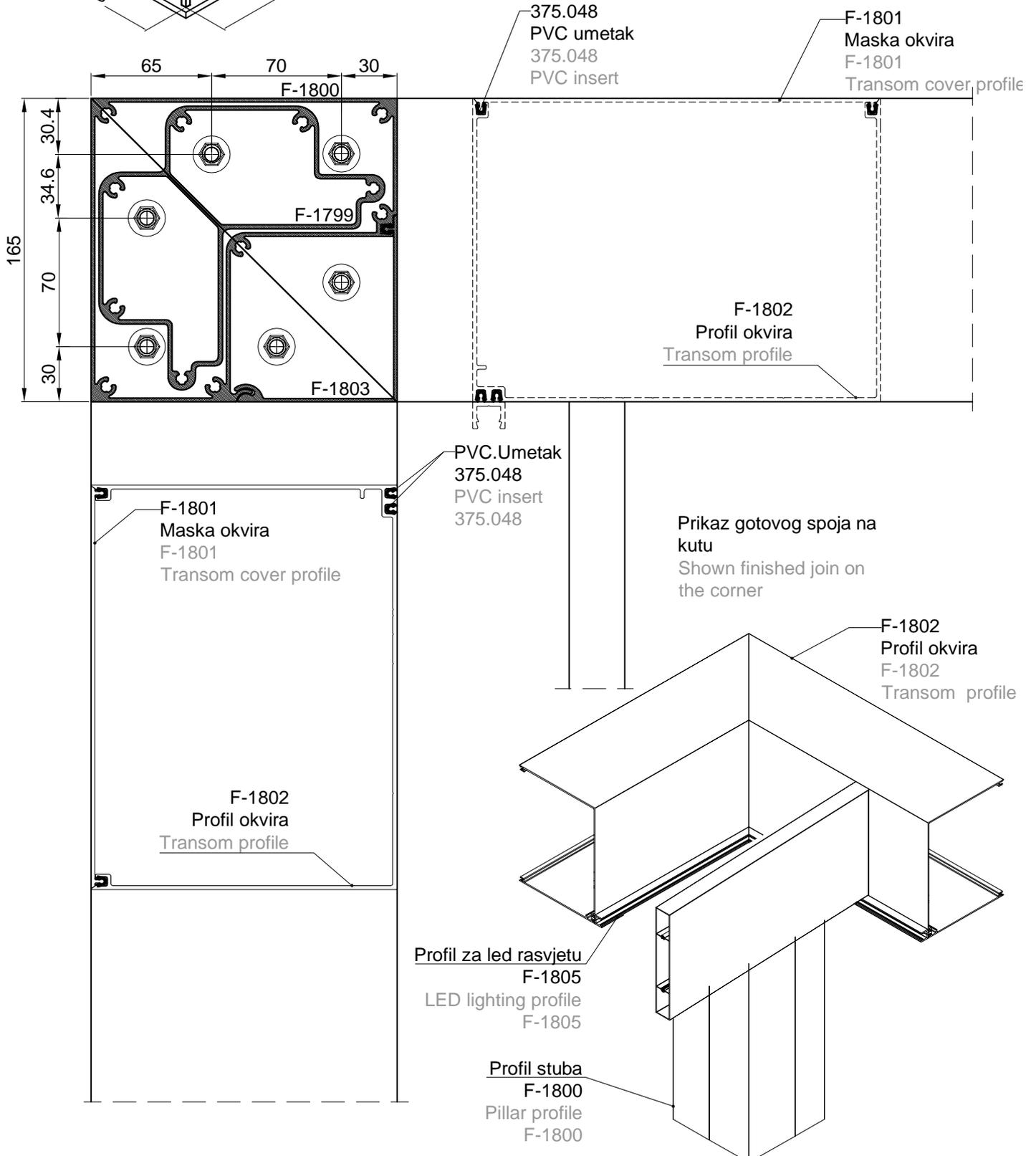
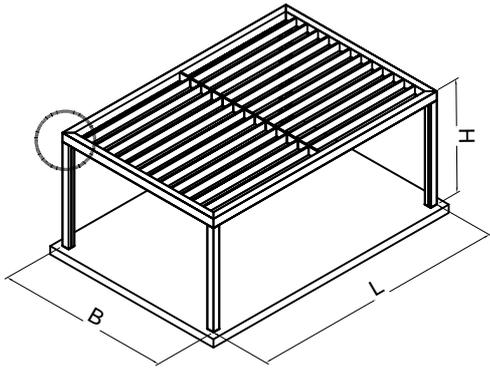
10

430.014

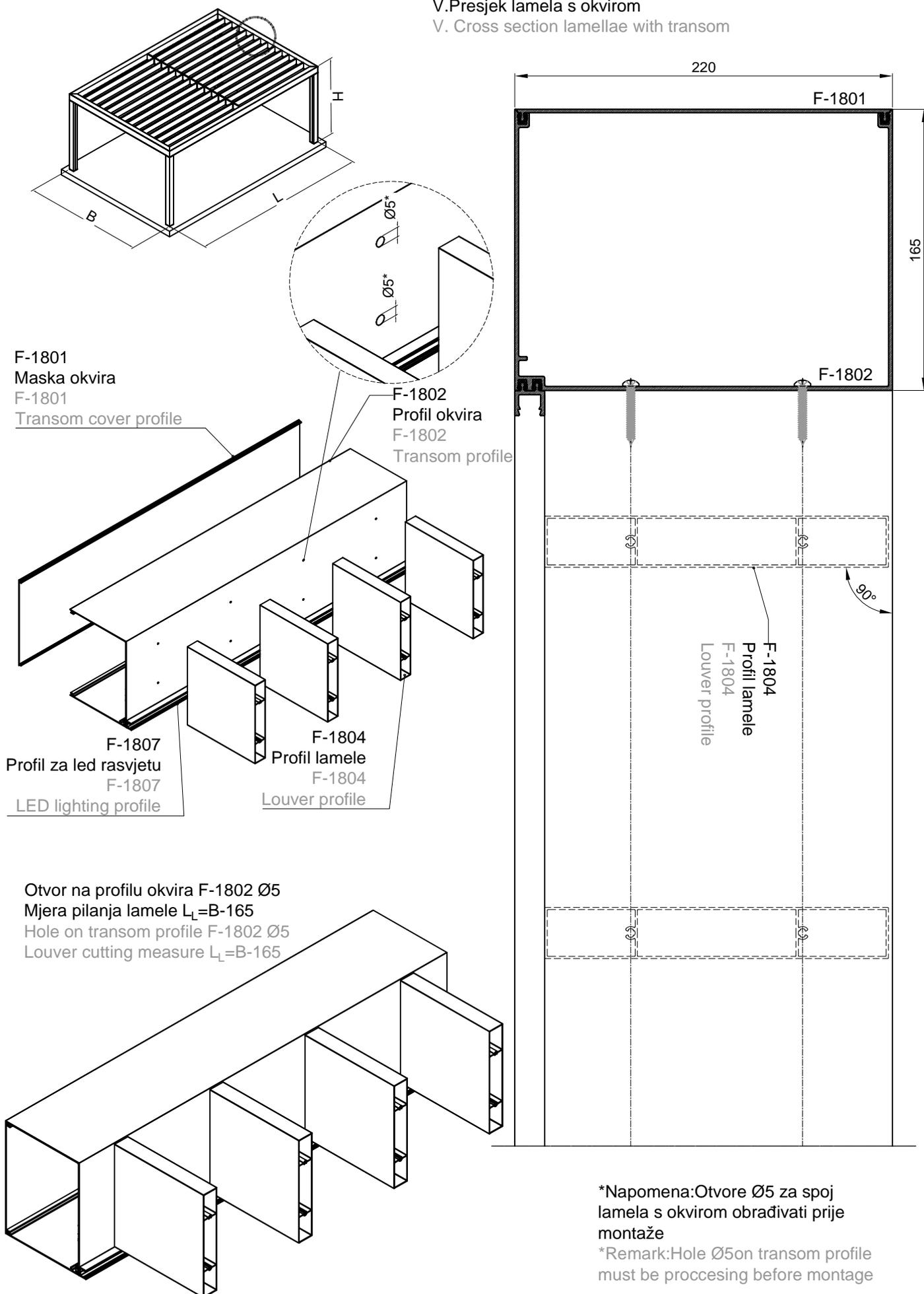
430.014

Betonska podloga
Concrete floor

IV.Presjek okvira s gornjim pločom
IV. Cross section with upper plate

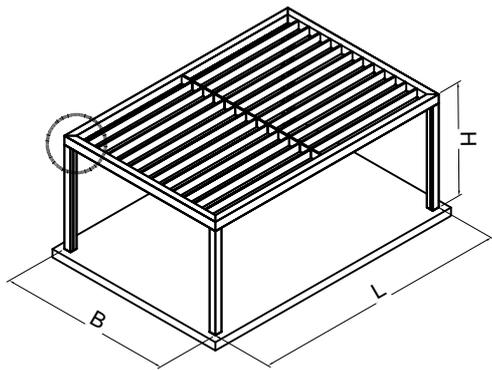


V.Presjek lamela s okvirom
V. Cross section lamellae with transom



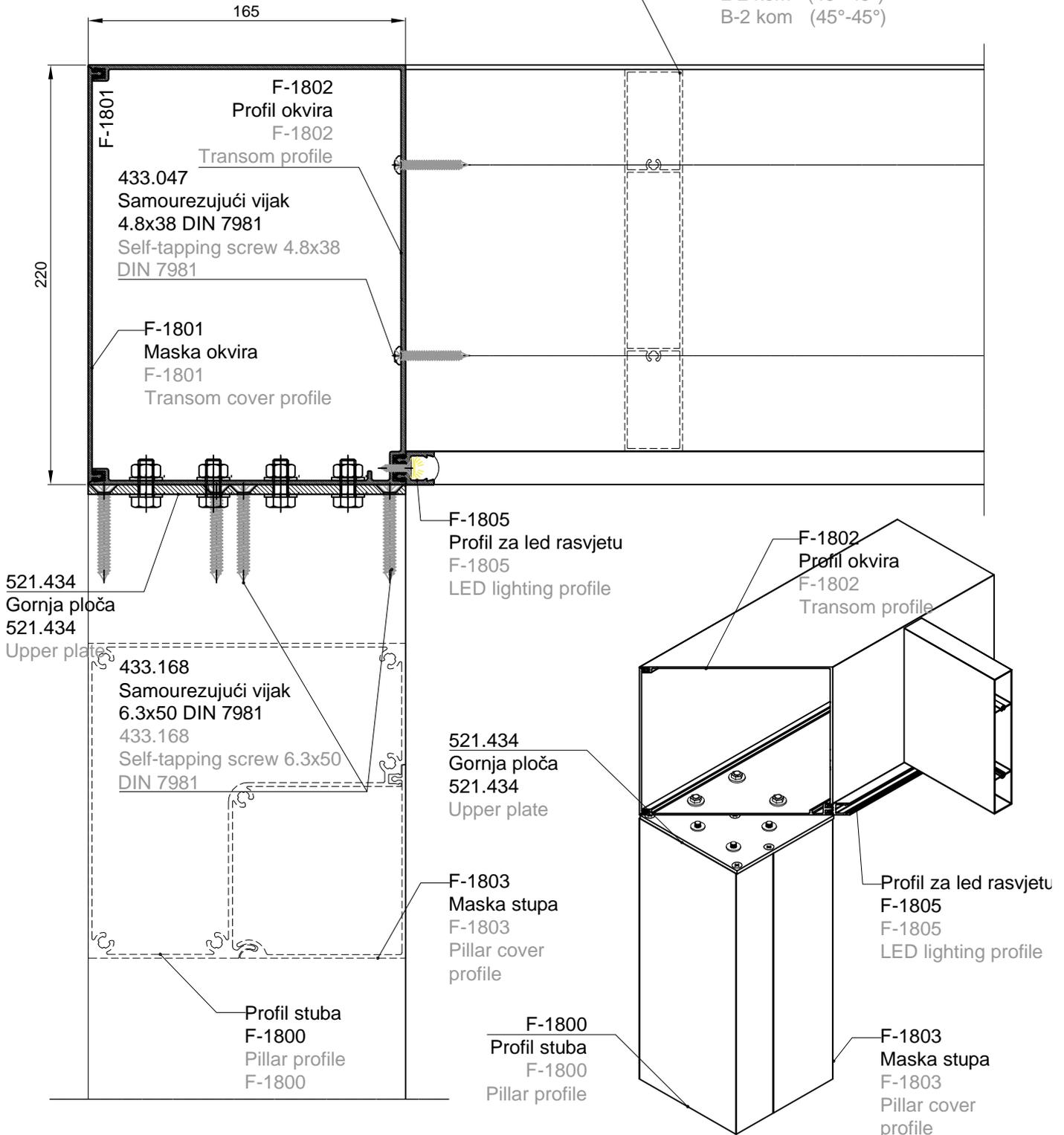
VI. Presjek kroz okvir pergole

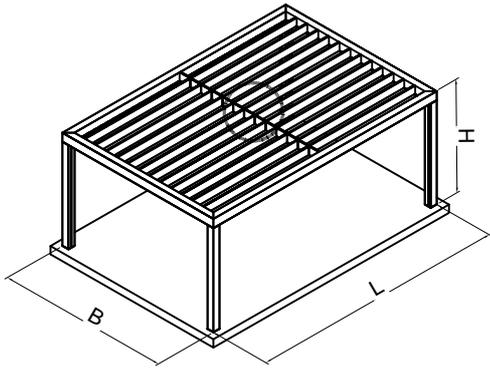
VI. Cross section through Transom profile



- Mjera pilanja okvira F-1802
L-2kom (45°-45°)
B-2kom (45°-45°)
- Mjera pilanja poklopca okvira F-1801
L-2 kom (45°-45°)
B-2 kom (45°-45°)
- Transom cutting measure F-1802
L-2kom (45°-45°)
B-2kom (45°-45°)
- transom cover cutting measure F-1801
L-2 kom (45°-45°)
B-2 kom (45°-45°)

F-1804
Profil lamele
F-1804
Louver profile

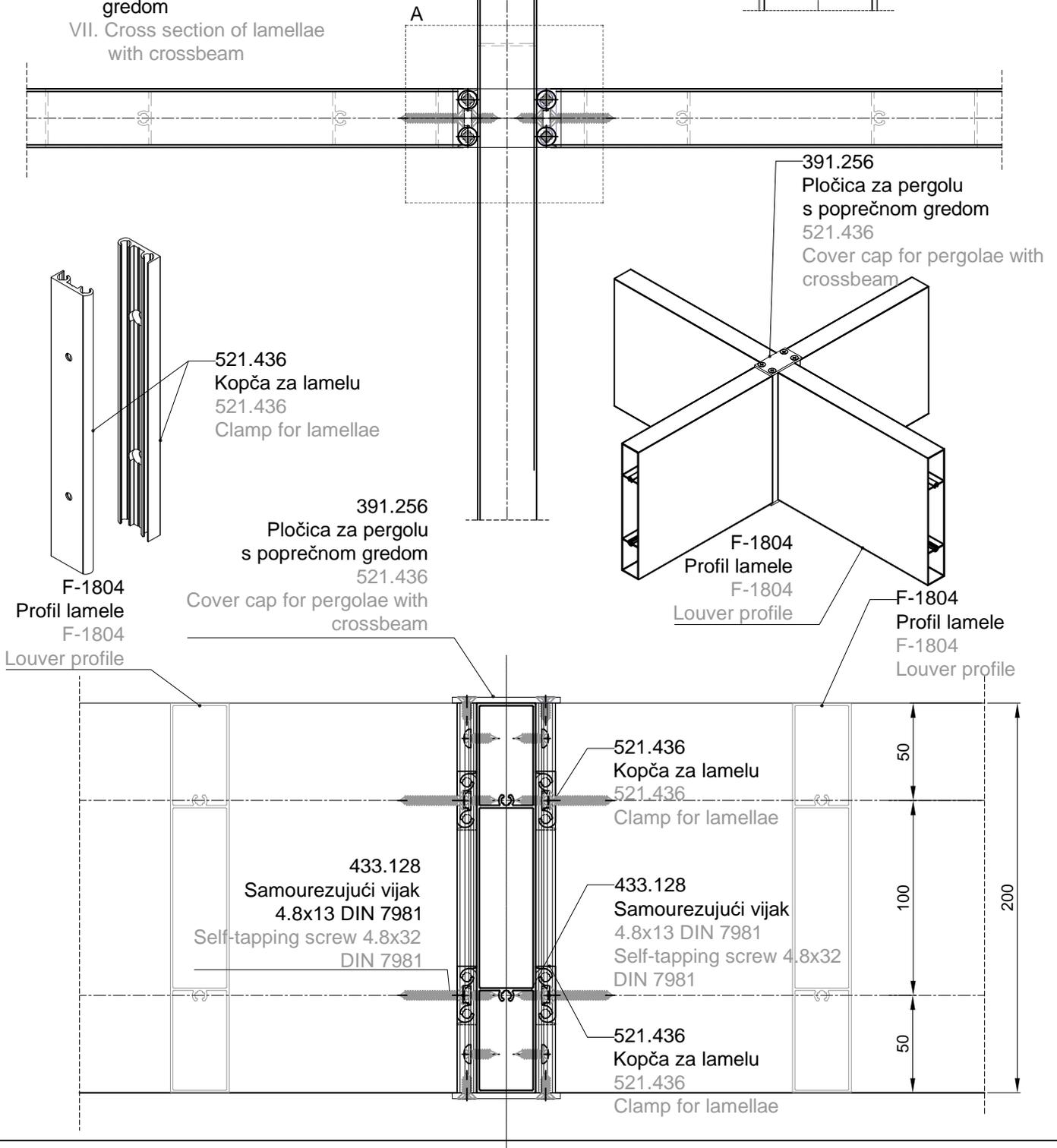
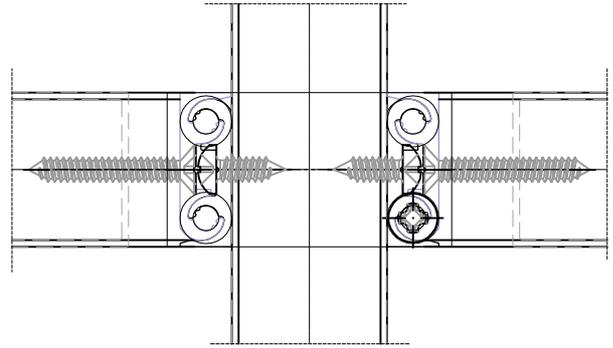


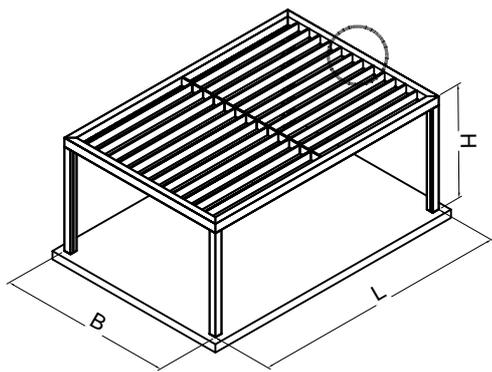


VII. Presjek lamela s poprečnom gredom
VII. Cross section of lamellae with crossbeam

Lamele na strani poprečne grede
vežemo kopčama 521.436
Lamellae on the crossbar slide is
mounted auxiliary clamp

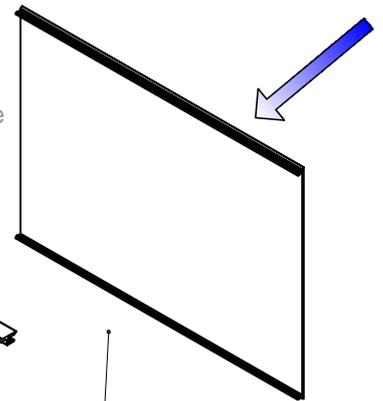
Detalj A
M 2:1





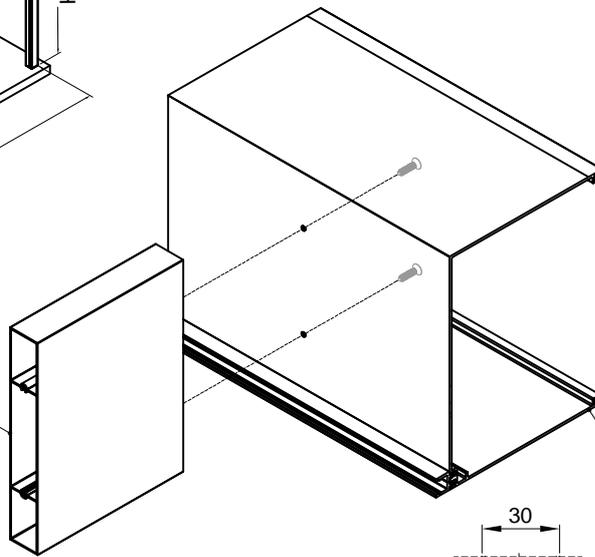
VIII. Spoj lamela s okvirom u tipu pergole s poprečnom gredom

VIII. Lamellae joint with transom in type of the pergolae with crossbeam

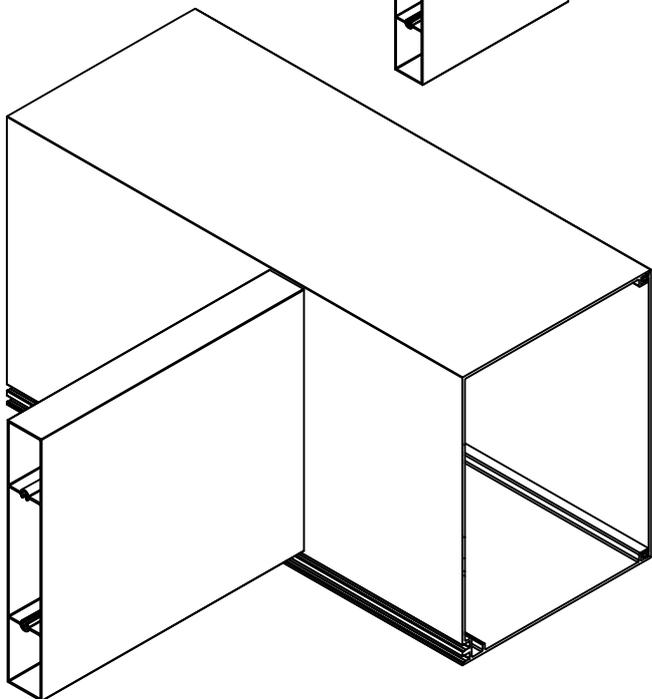


F-1804
Profil lamele
F-1804
Louver profile

F-1801
Maska okvira
F-1801
Transom cover profile



F-1802
Profil okvira
F-1802
Transom profile



30

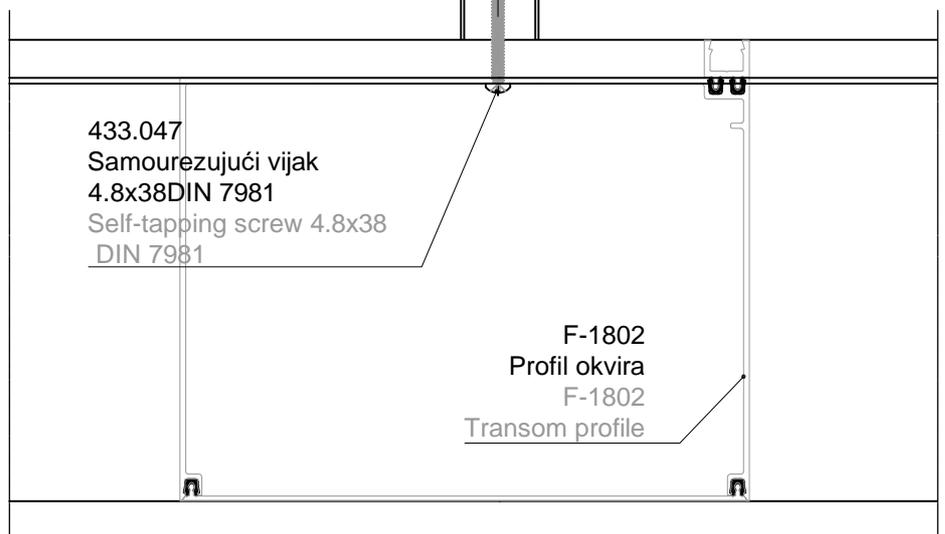
F-1804
Profil lamele
F-1804
Louver profile

Na strani okvira, lamela se montira s samourezujućim vijkom 4.8x38 DIN 7981

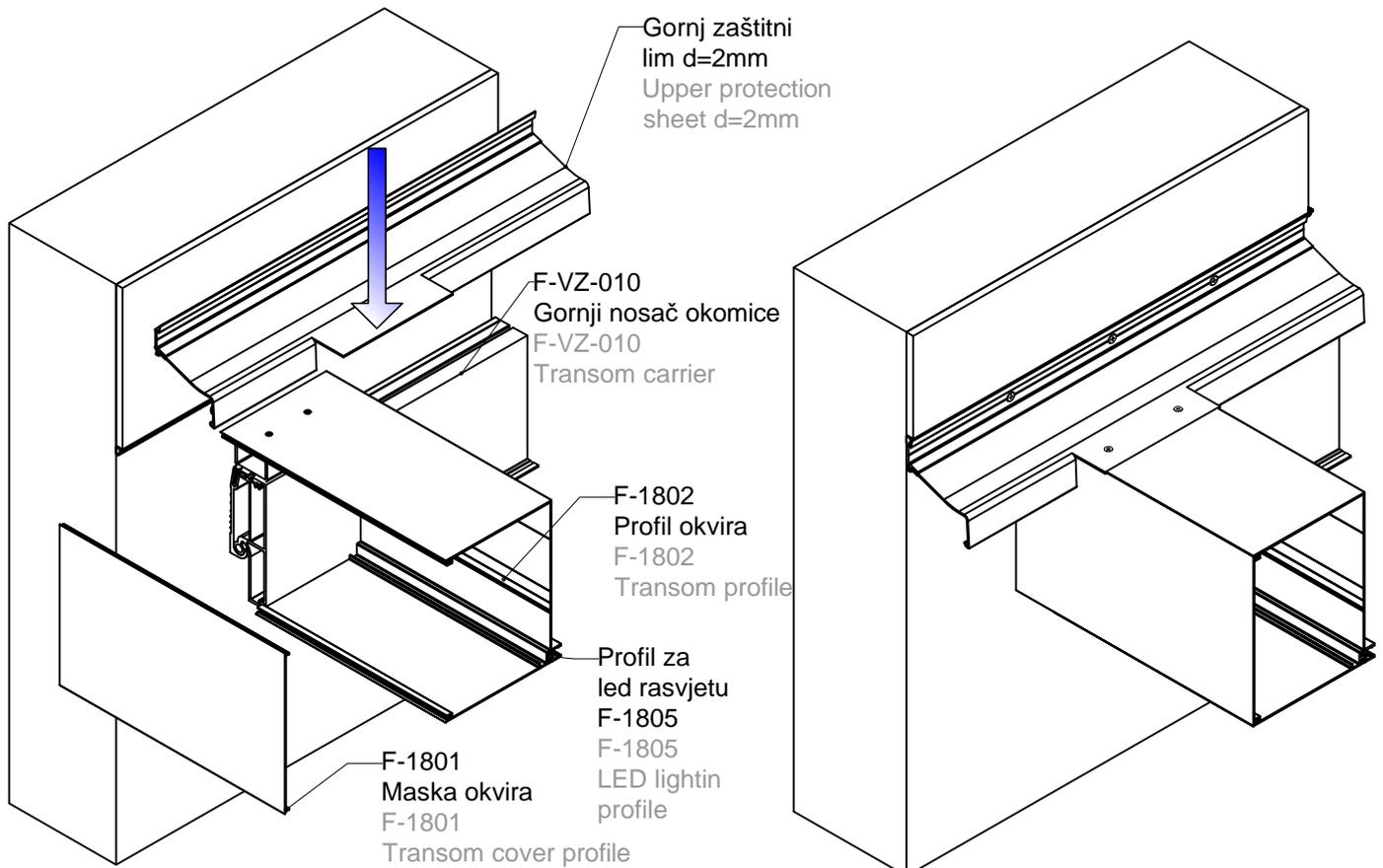
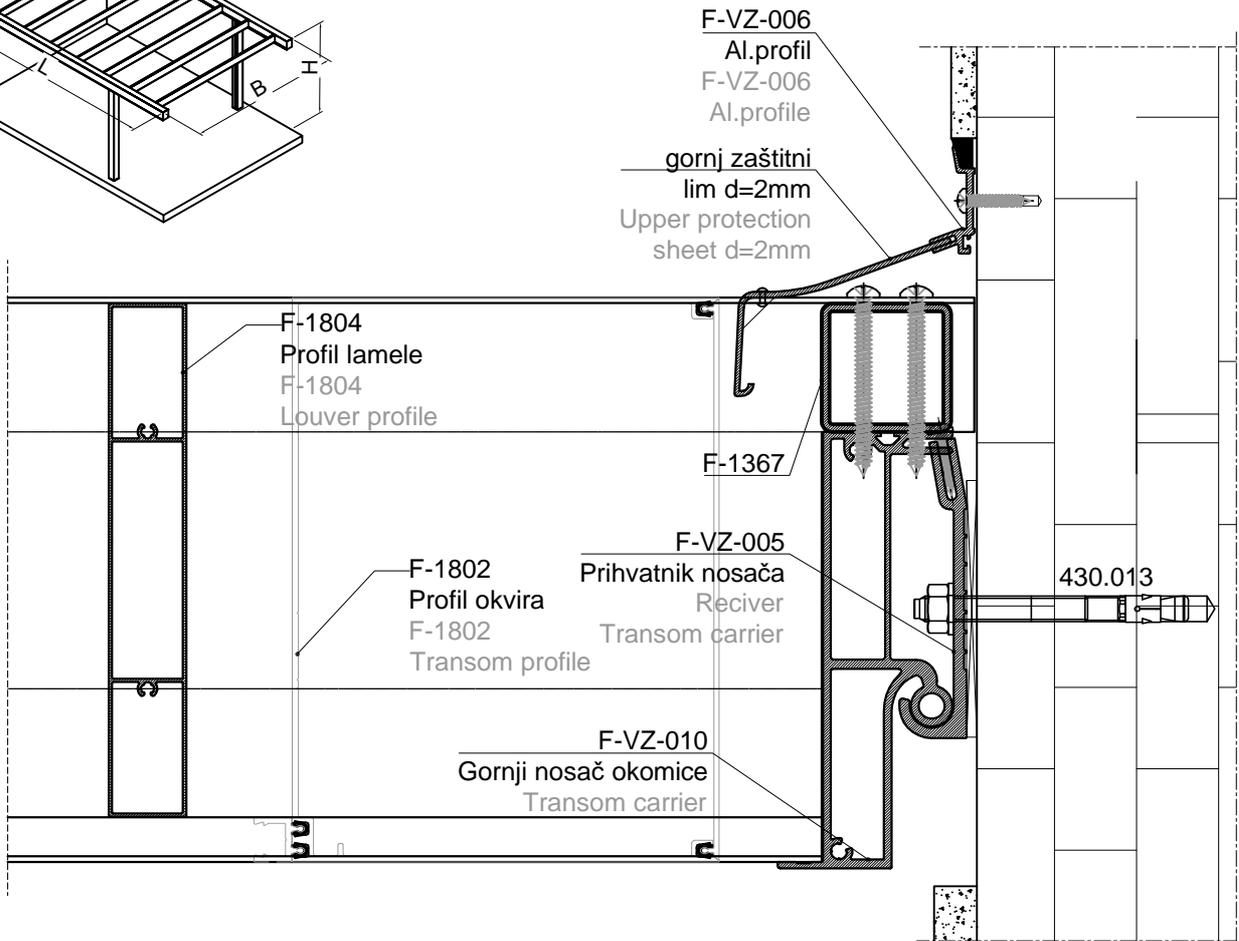
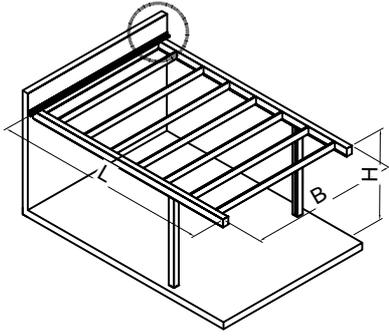
On the side the transom, lamellae mounted with self-tapping screw 4.8x 38 DIN 7981

433.047
Samourezujući vijak
4.8x38DIN 7981
Self-tapping screw 4.8x38
DIN 7981

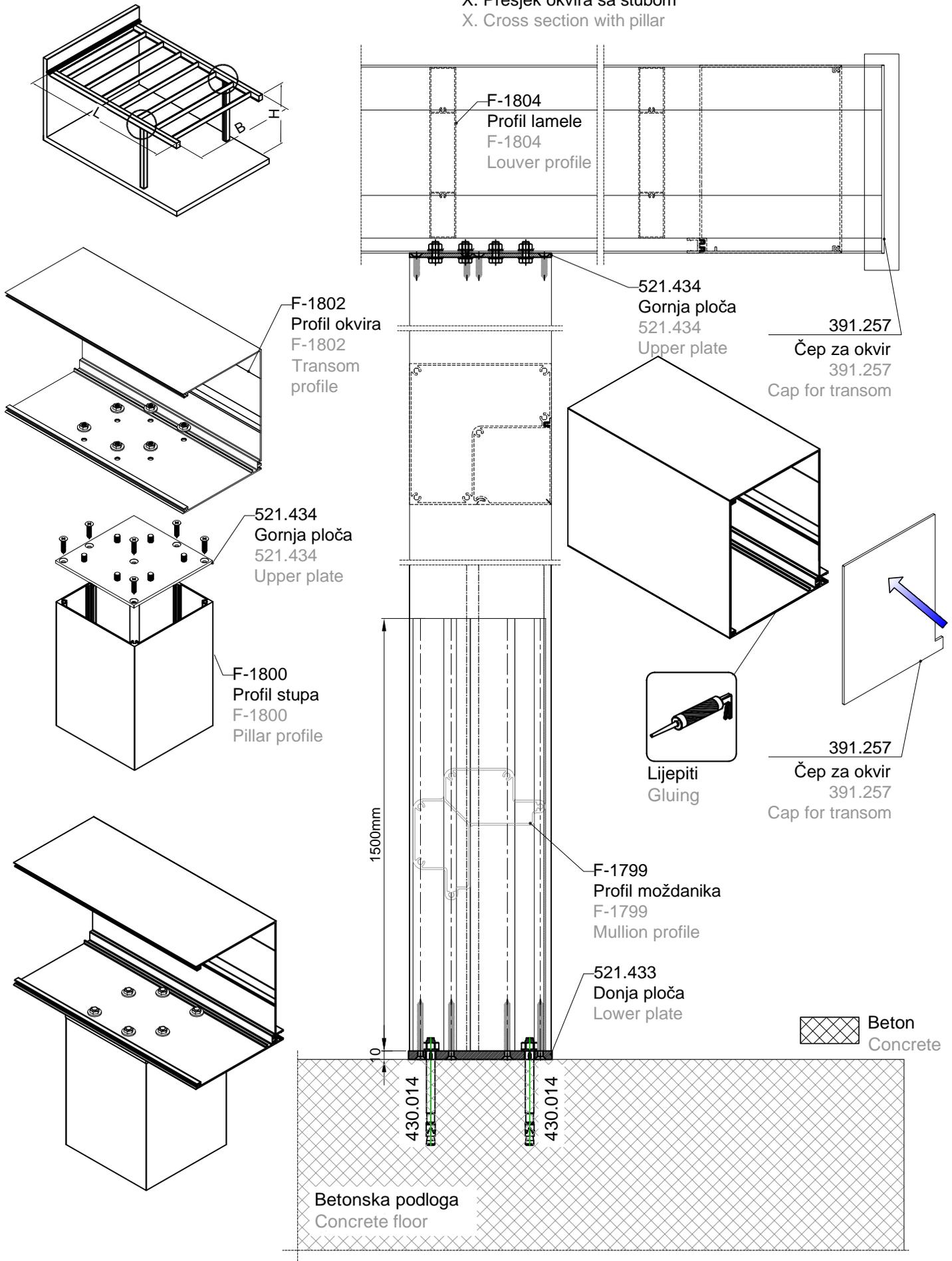
F-1802
Profil okvira
F-1802
Transom profile



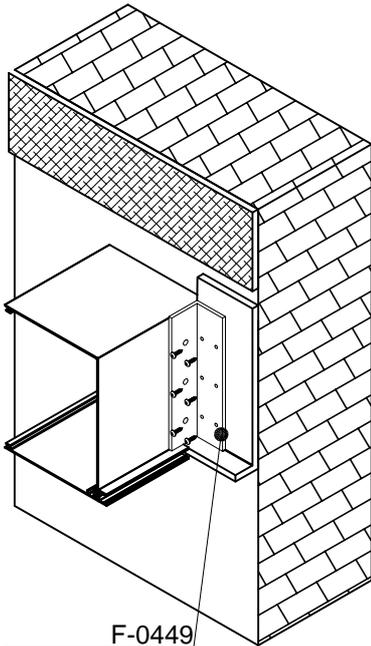
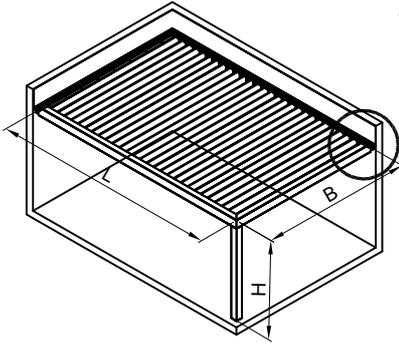
IX. Presjek pergole na spoju sa zidom
IX. Cross section on joint with wall



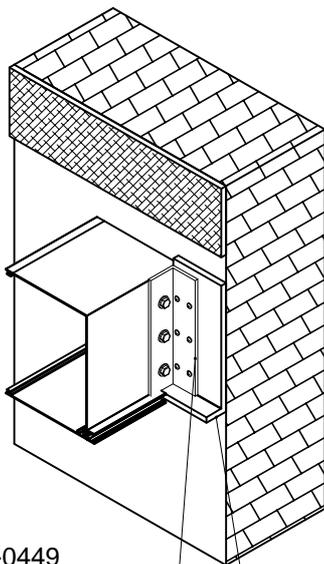
X. Presjek okvira sa stubom
X. Cross section with pillar



XI. Presjek pergole na spoju sa zidom
XI. Cross section on joint with wall

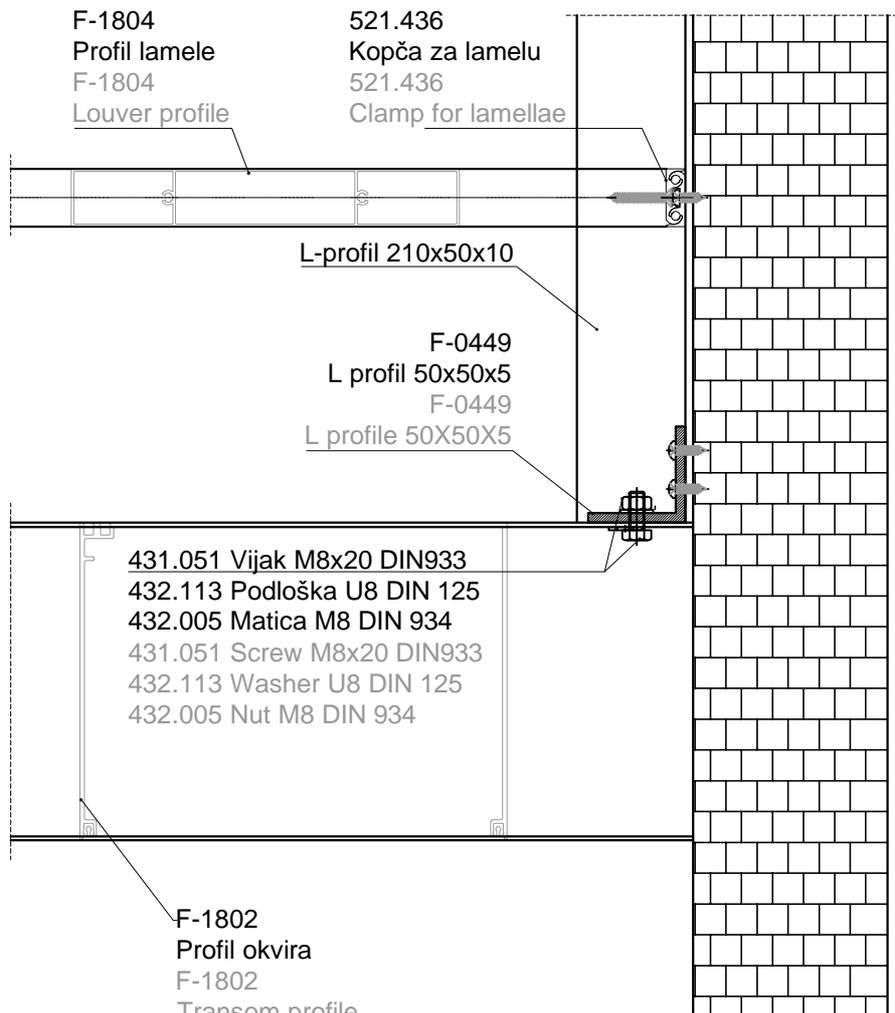
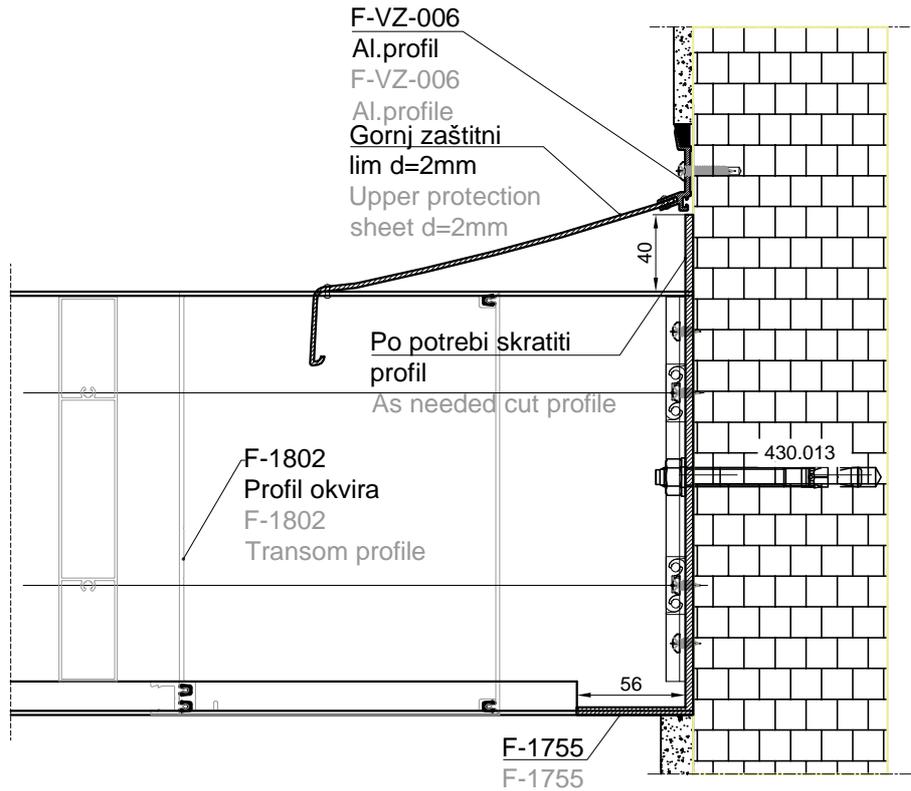


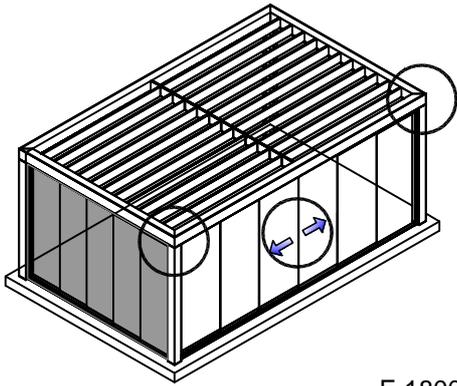
F-0449
L-profil 50x50x5
F-0449
L profile 50x50x5



F-0449
L profil 50x50x5
F-0449
L profile 50x50x5

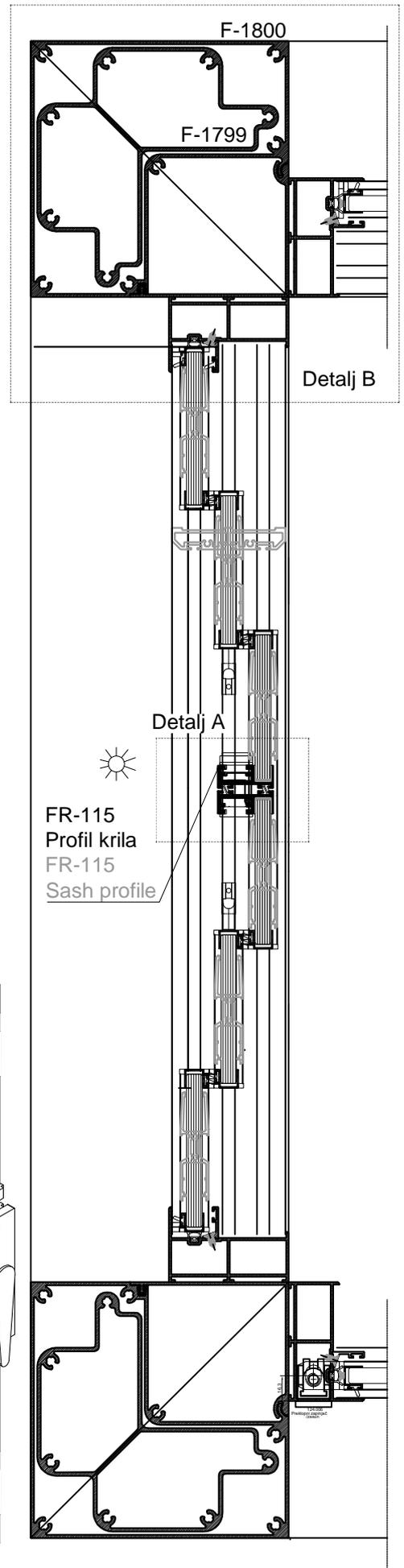
L-profil 210x50x10
L-profile 210x50x10





XII. Presjek s sistemom FEAL FR-18
XII. Cross section with system FEAL FR-18

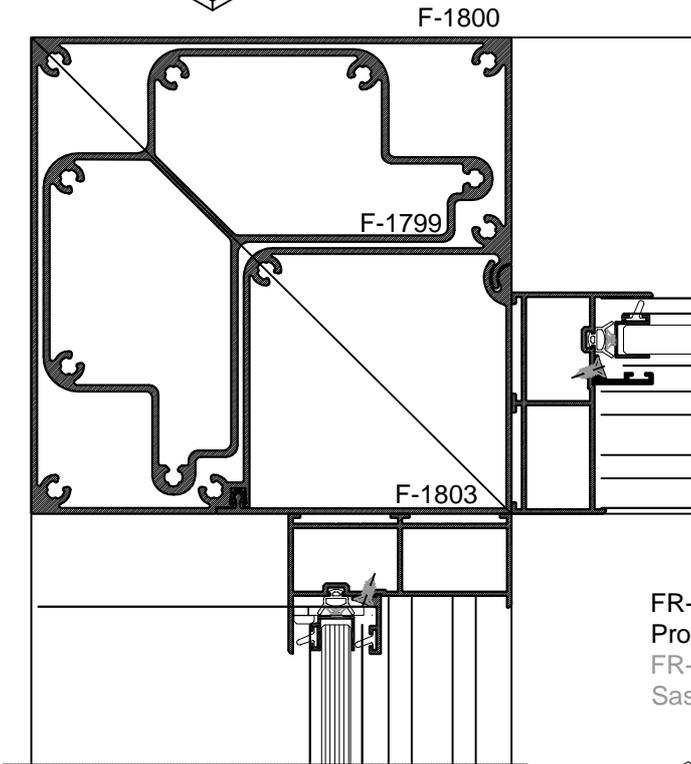
Detalj B
M 1.5:1



Detalj B

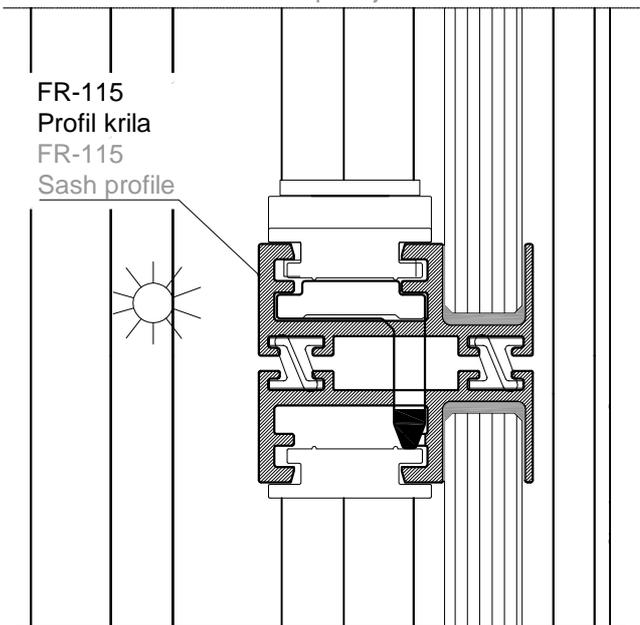
Detalj A

FR-115
Profil krila
FR-115
Sash profile

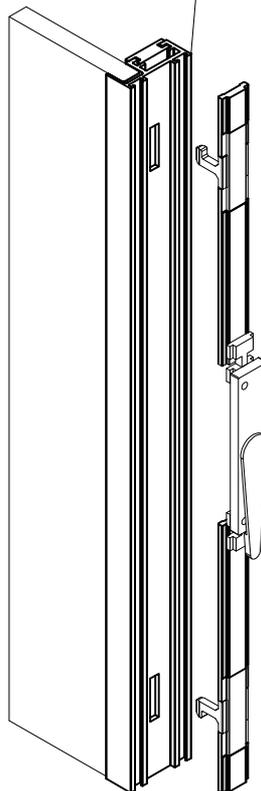


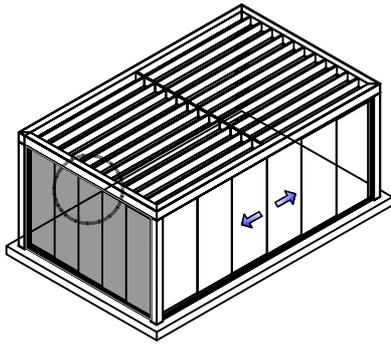
FR-115
Profil krila
FR-115
Sash profile

Prikaz ključanja na spoju dva krila
Look up on join two sash

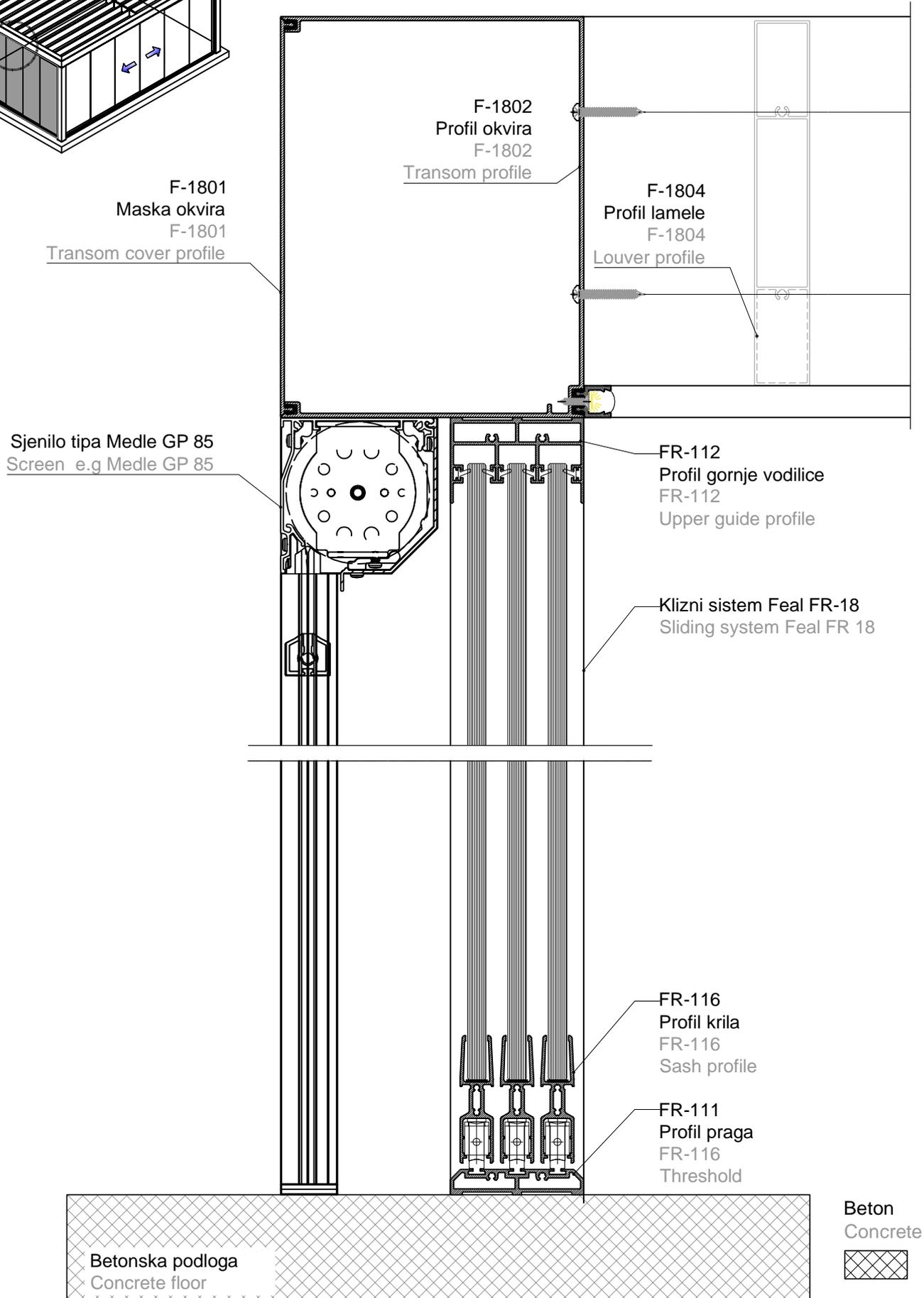


Detalj A
M 4:1



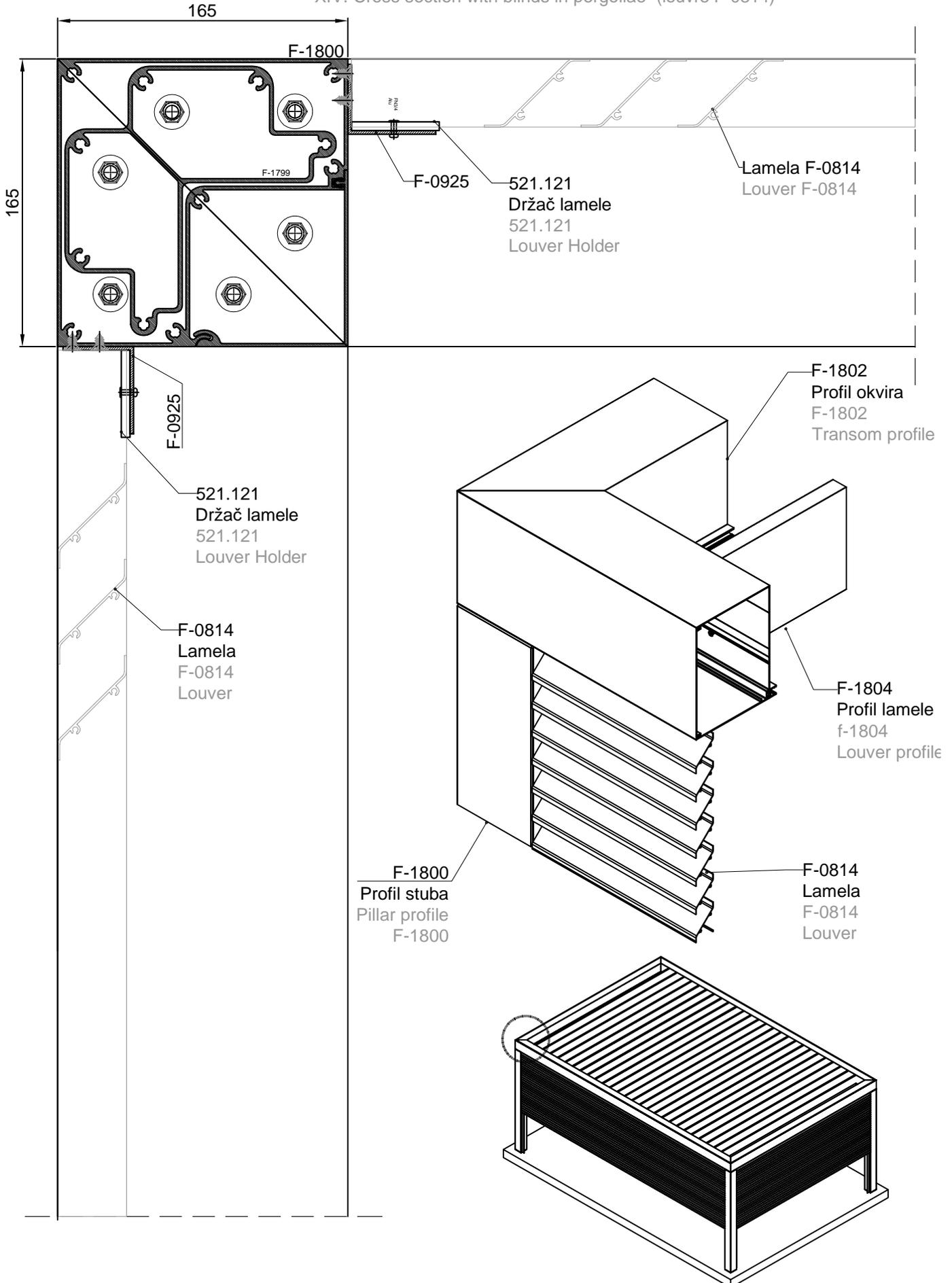


XIII. Mogućnost ugradnje kliznog staklenog sistema
Feal FR 18 kao i screen sjenila tipa Medle GP 85 i sl.
XIII. Possibility installation of the sliding glass system
Feal FR 18 as e.g. screen Medle GP85

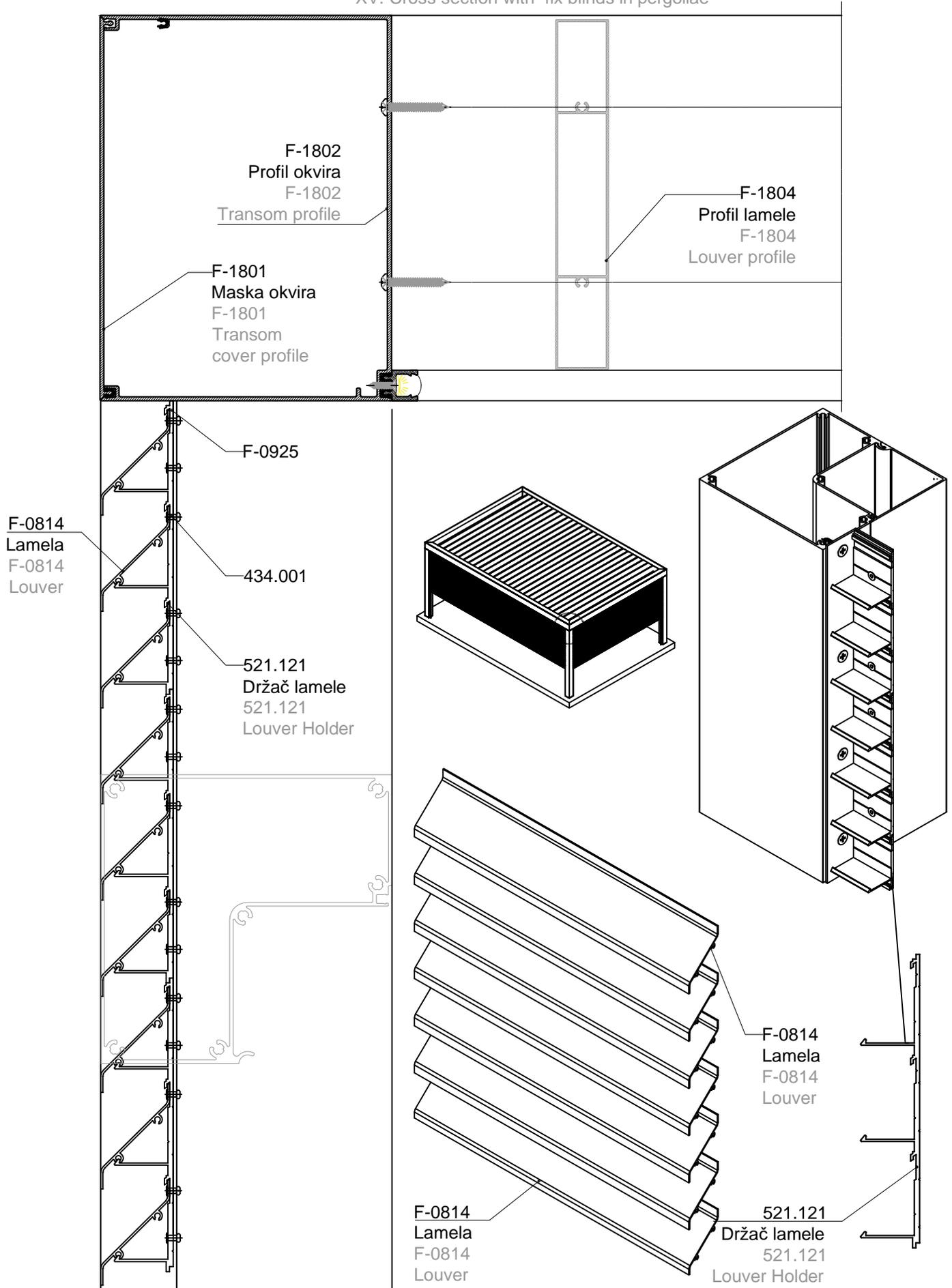


XIV. Priesjek fiksnih žaluzina u pergoli (lamela F-0814)

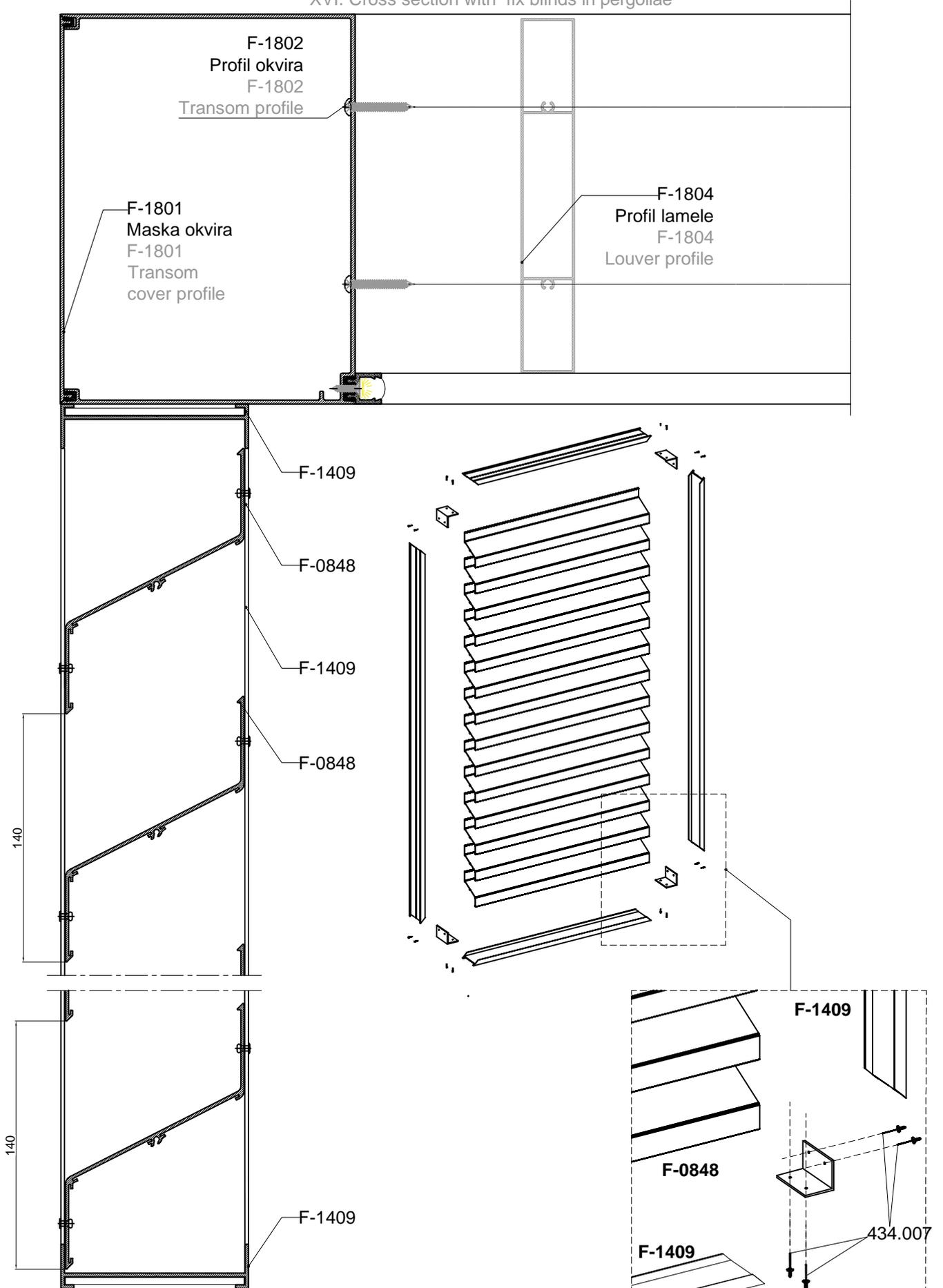
XIV. Cross section with blinds in pergollae (louvre F-0814)



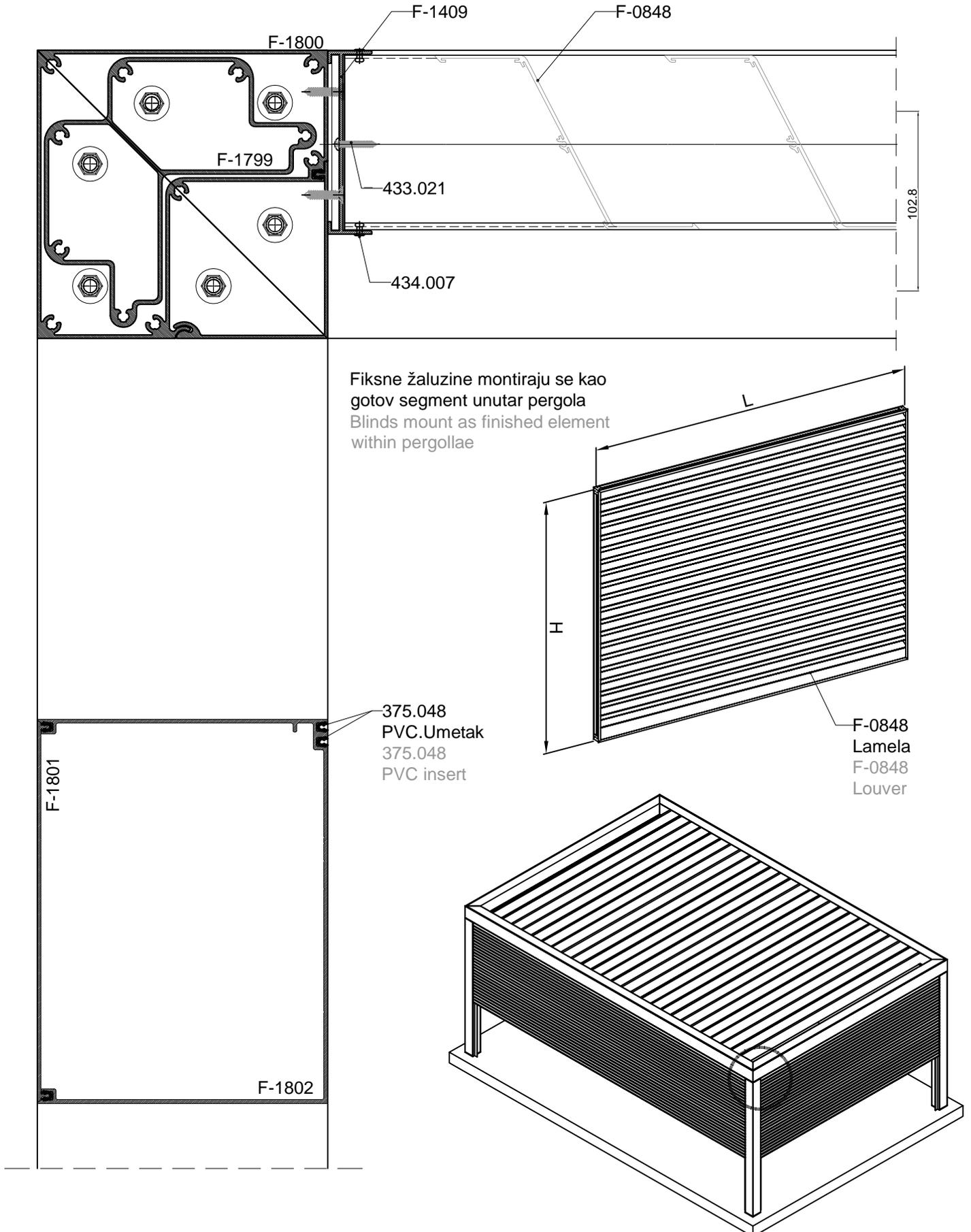
XV. Priesjek fiksnih žaluzina u pergoli
XV. Cross section with fix blinds in pergollae



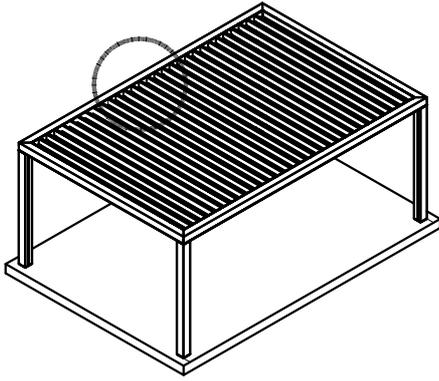
XVI. Priesjek fiksnih žaluzina u pergoli
XVI. Cross section with fix blinds in pergollae



XVII. Priesjek fiksnih žaluzina u pergoli
XVII. Cross section with fix blinds in pergollae

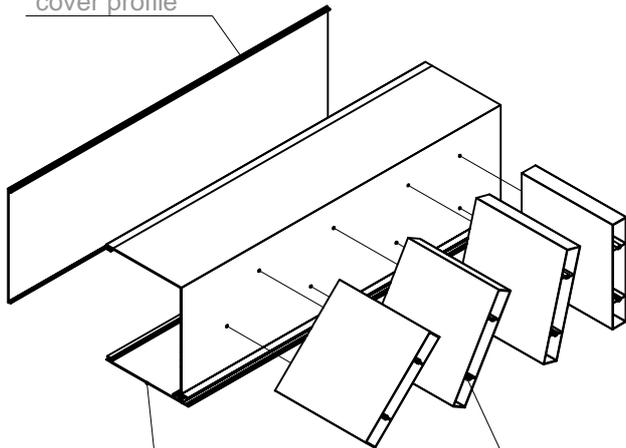


XVIII. Mogućnost okretanja lamela
XVIII. Possibility rotation of louver



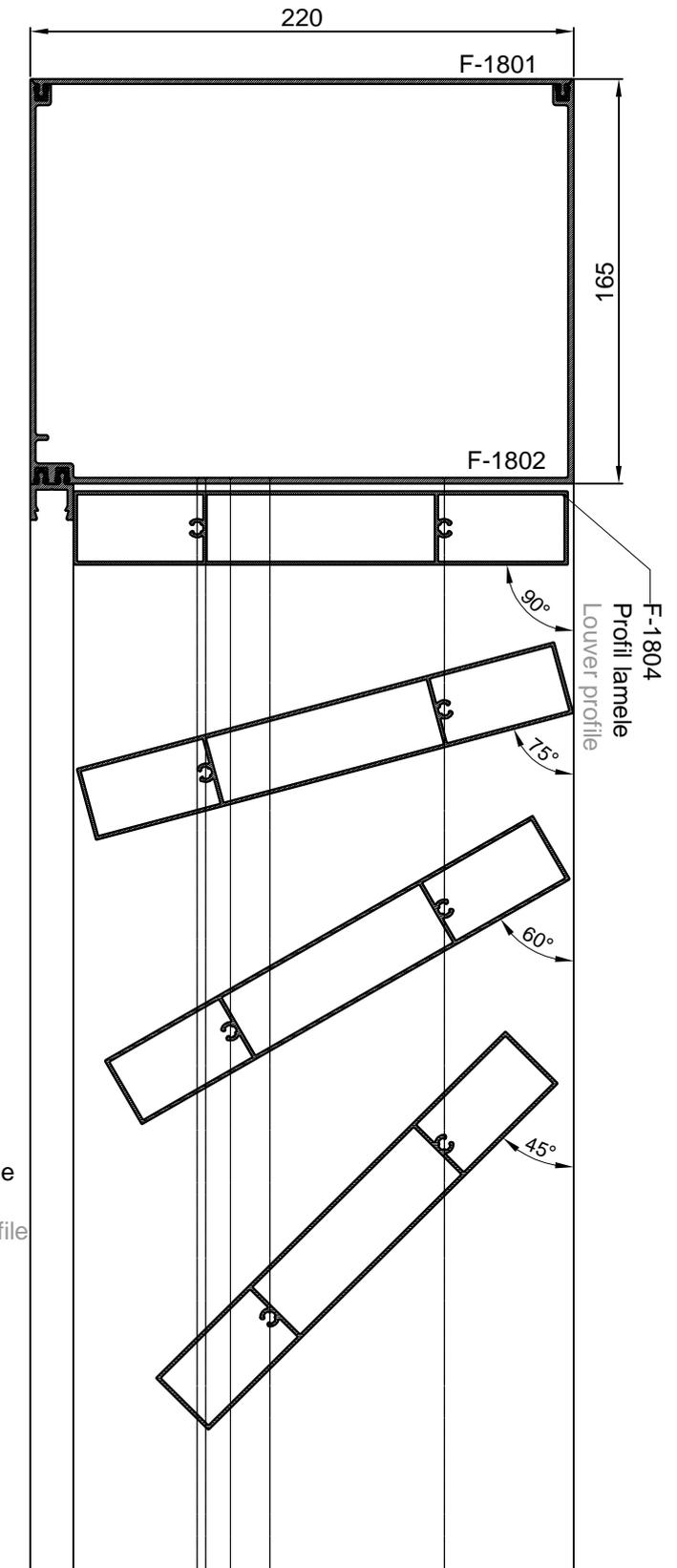
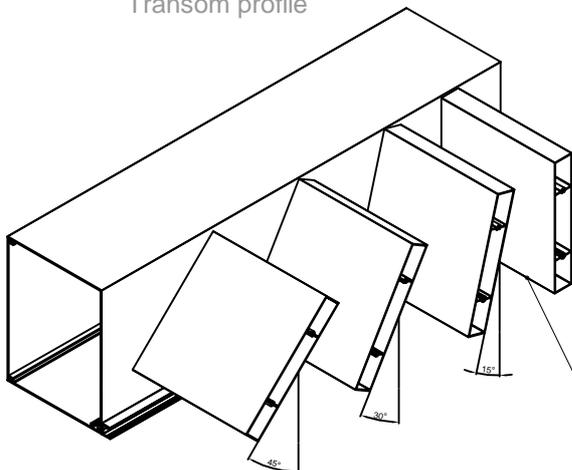
Mogućnost okretanja lamela
pod različitim kutom (0°, 15°, 30°, 45°)
Possibility rotation of louver at
different angle (0°, 15°, 30°, 45°)

F-1801
Maska okvira
F-1801
Transom
cover profile



F-1802
Profil okvira
F-1802
Transom profile

F-1804
Profil lamele
F-1804
Louver profile



F-1804
Profil lamele
F-1804
Louver profile

Obrada i montaža
Processing and montage

I. Obrada profila moždanika F-1799 i stuba F-1800

Pilanje moždanika na visinu $H_{min}=1500mm$.

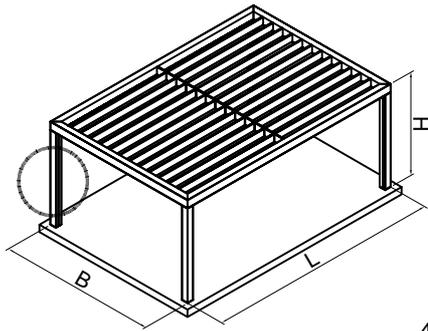
Pilanje profila stuba F-1800 prema crtežu.

I. Processing mullion profile F-1799 and pillar profile F-1800

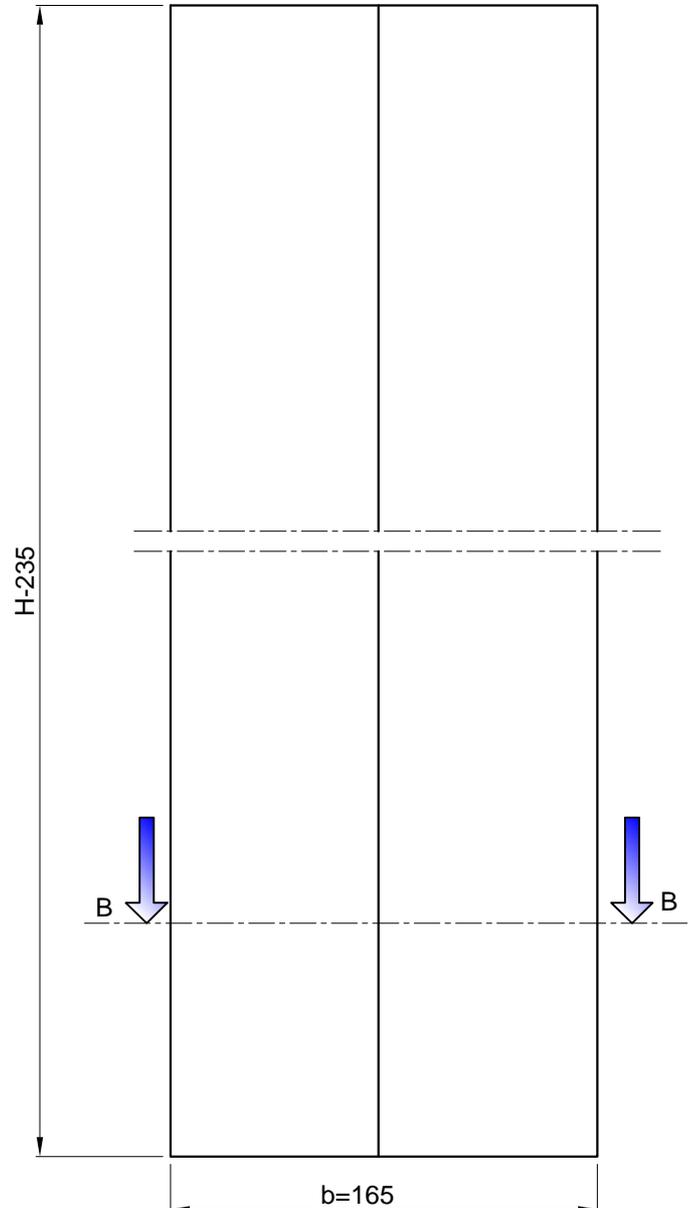
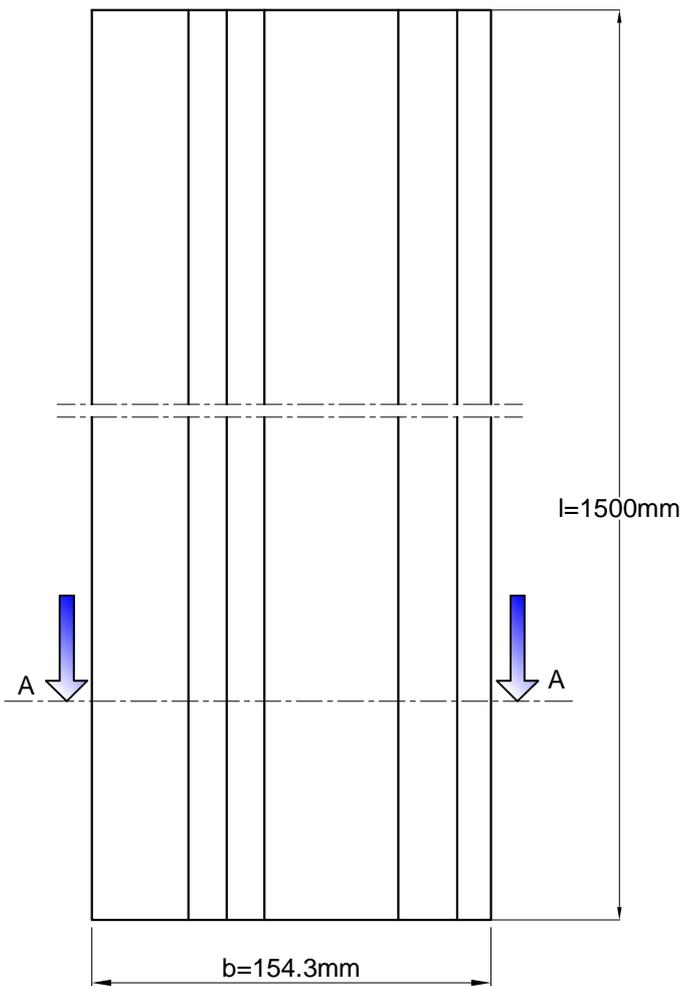
Cutting mullion profile F-1799 to a height H_{min} 1500mm

Cutting pillar profile F-1800 according to draw

4 kom
4 pcs



4 kom
4 pcs

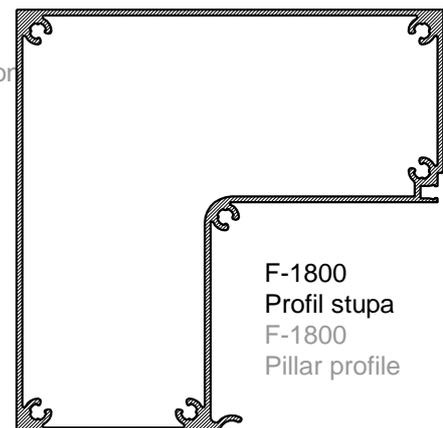


Presjek
A-A
Cross section
A-A



F-1799
Profil moždanika
F-1799
Mullion profile

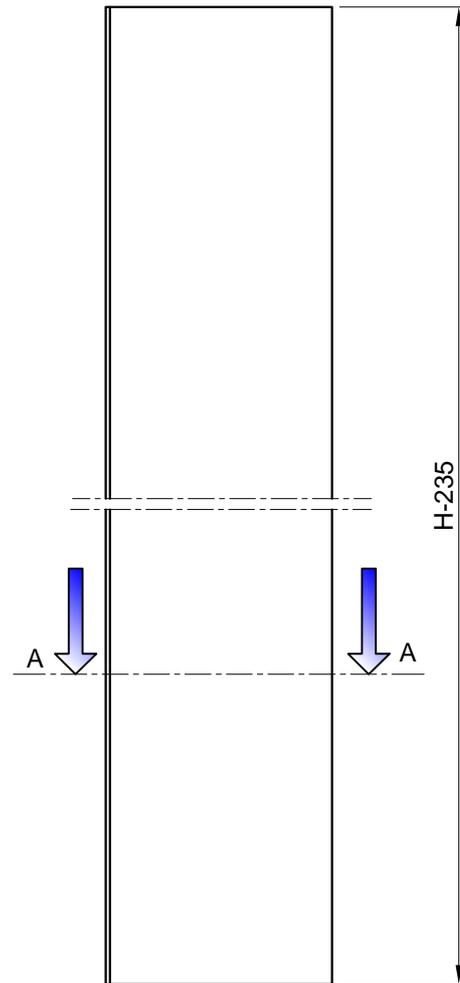
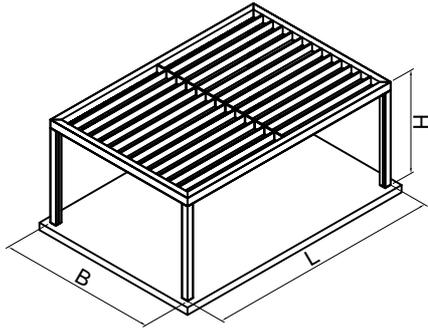
Presjek
B-B
Cross section
B-B



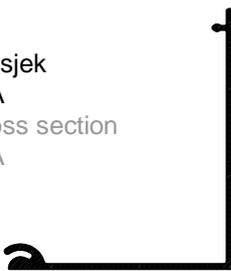
F-1800
Profil stuba
F-1800
Pillar profile

II. Obrada profila maske stuba F-1803, lamele F-1804 i držača led rasvjete F-1805

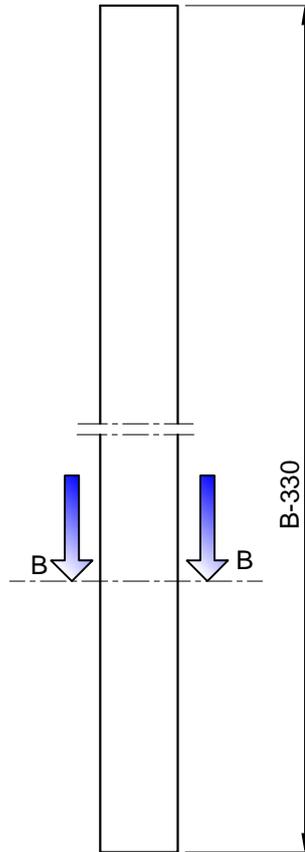
II. Processing pillar cover profile F-1803, louver F-1804 and LED holder profile F-1805



Presjek
A-A
Cross section
A-A



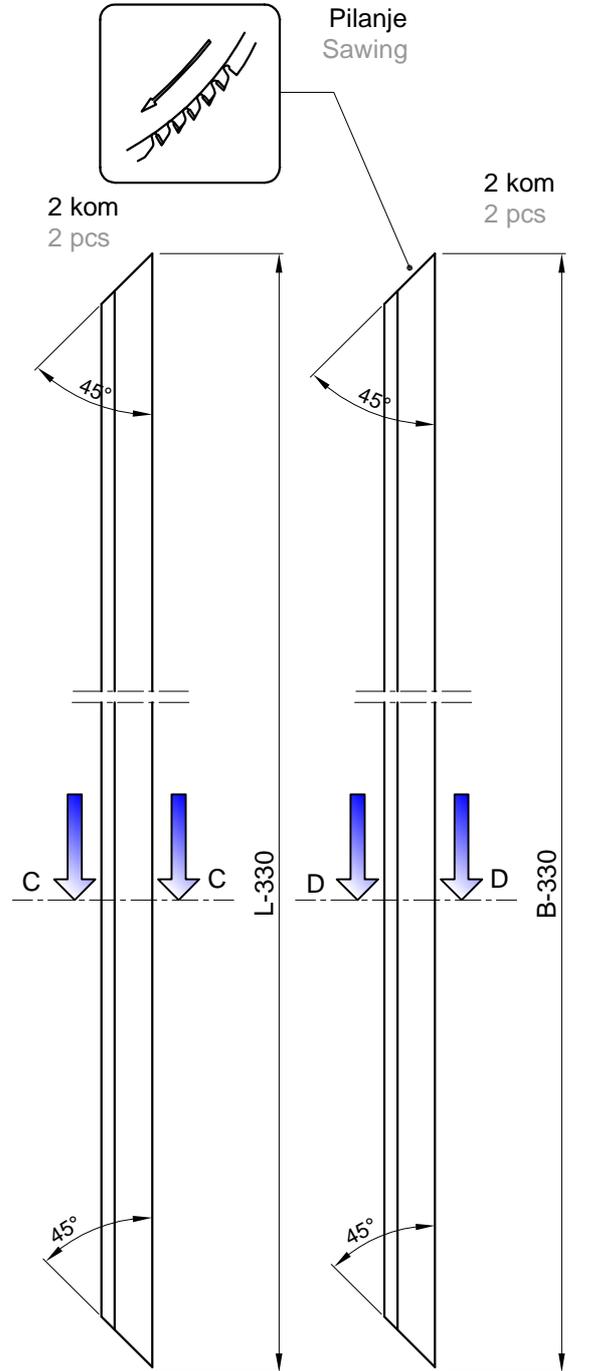
F-1803
Maska stupa
F-1803
Pillar cover plate



Presjek
B-B
Cross section
B-B



F-1804
Profil lamele
F-1804
Louver profile



Presjek
C-C
Cross section
C-C



F-1805
Nosáč LED rasvjete
F-1805
LED light profile

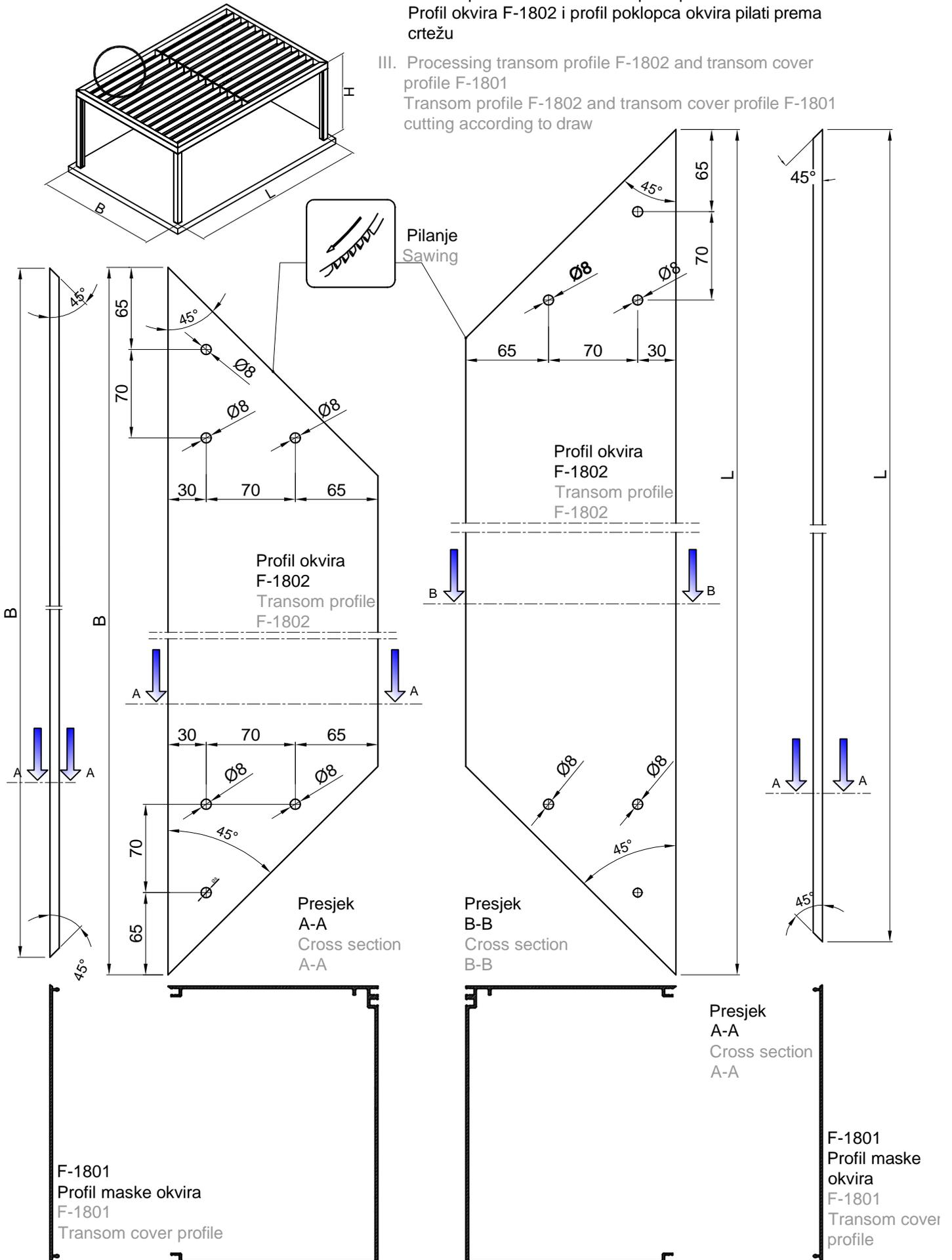
Presjek
D-D
Cross section
D-D



F-1805
Nosáč LED rasvjete
F-1805
LED light profile

III. Obrada profila okvira F-1802 i poklopca okvira F-1801
 Profil okvira F-1802 i profil poklopca okvira pilati prema crtežu

III. Processing transom profile F-1802 and transom cover profile F-1801
 Transom profile F-1802 and transom cover profile F-1801 cutting according to draw

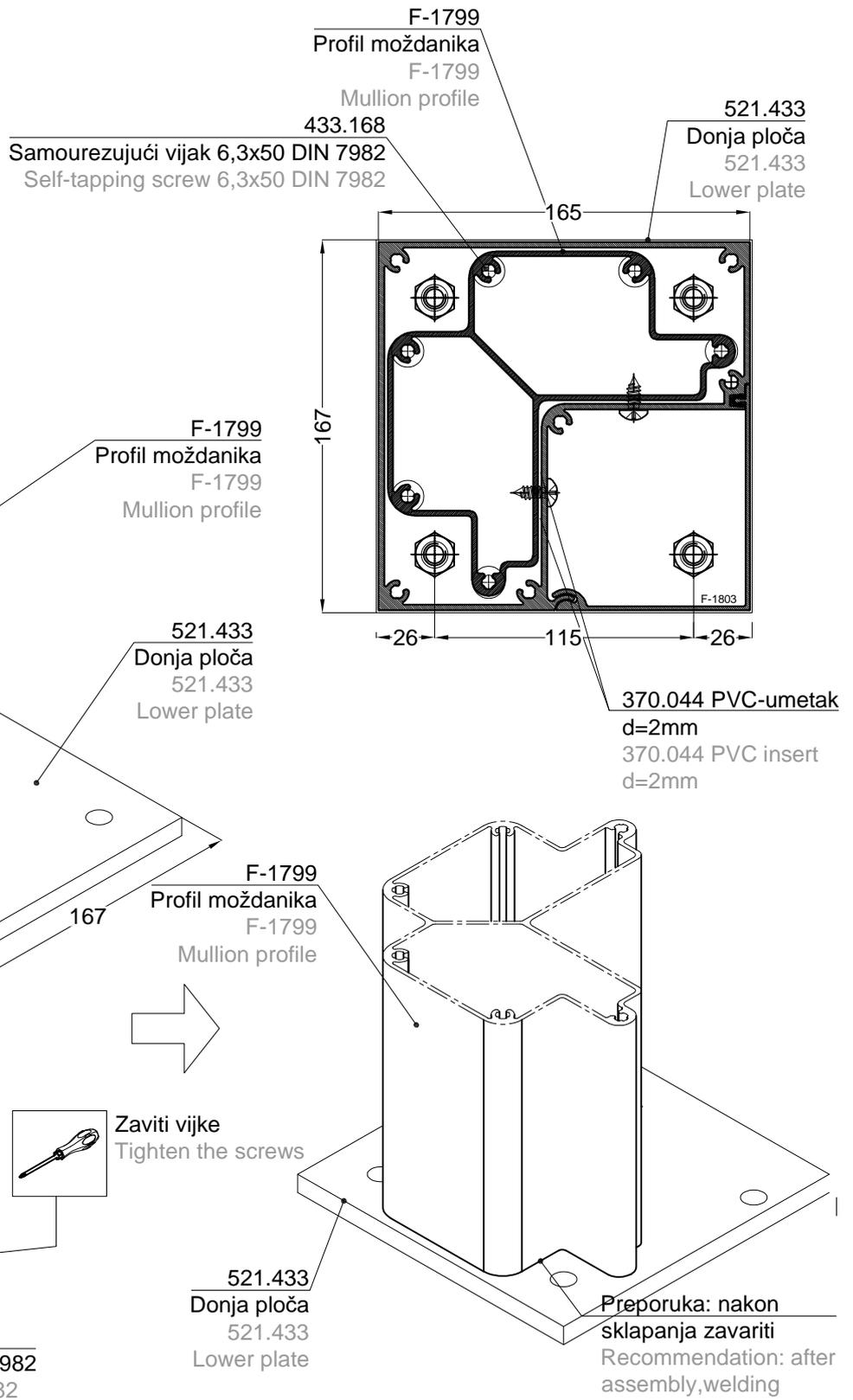
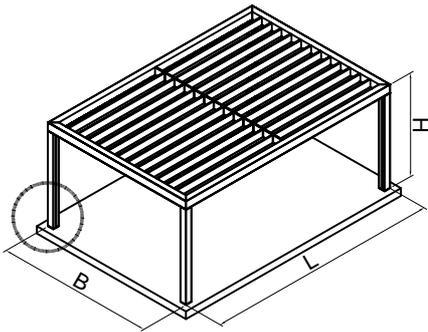


IV. Montaža profila moždanika F-1799 na donju ploču IV. Montage a mullion profile F-1799 on the lower plate

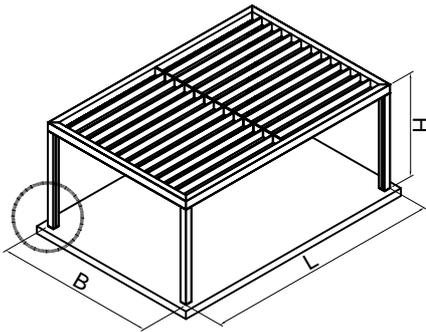
Na donju ploču 521.433 montiramo profil moždanika F-1799.

Donju ploču 521.433 s profilom moždanika F-1799 povezujemo sa 6 samorezujućih vijaka 6,3x50 DIN 7982 433.168.

On the lower plate 521.433 montage mullion profile F-1799
With 6 self-tapping screws, lower plate 521.433 connection with mullion profile F-1799



V. Montaža moždanika s pločom na gotov pod V. Montage a mullion profile F-1799 on the finished floor

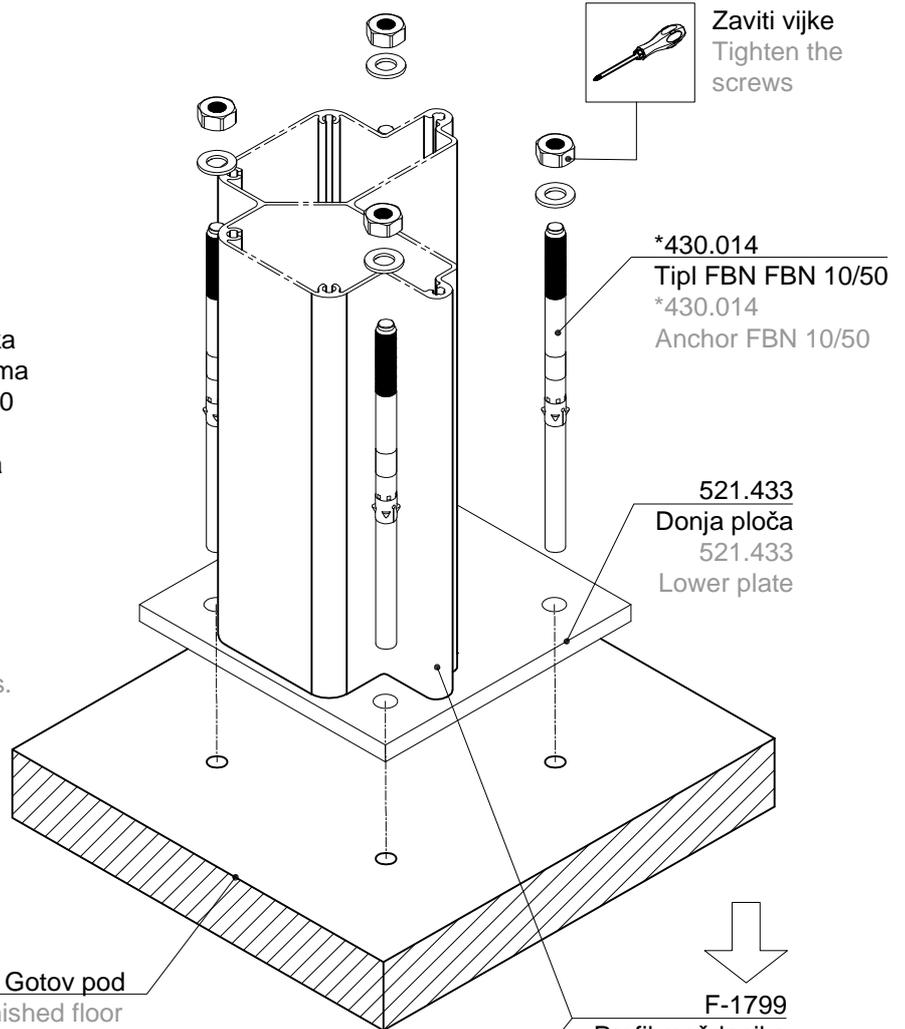


Donju ploču 521.433 s profilom moždanika F-1799 montirati na završnu podlogu prema odgovarajućim rupama. Tiplom FBN 10/50 430.014 fiksiramo donju ploču. Ploču koristiti kao šablon za bušenje rupa za tiplove.

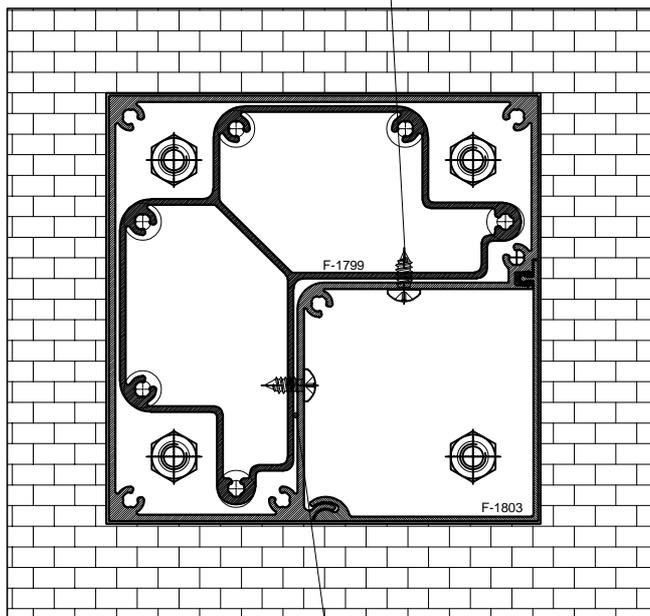
Lower plate 521.433 with mullion profile F-1799 montage on finished floor according to responding hole. With anchor FBN 10/50 430.014 fix lower plate
Lower plate use as template for drill holes.

*Tipl izabrati ovisno o podlozi

*Choose the dowel depending on the substrate



433.074
Samourezujući vijak
6,3x16 DIN 7982
Selfscrew 6,3x16
DIN 7982



370.044
PVC-umetak
d=2mm
370.044 PVC
insert d=2mm

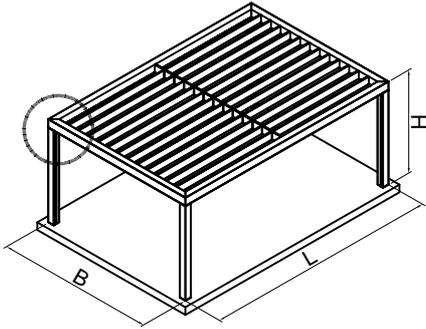
Gotov pod
Finished floor

F-1799
Profil moždanika
F-1799
Mullion profile

Preporuka: nakon
sklapanja zavariti
Recommendation: after
assembly, welding

430.014
Tipl FBN
10/50
430.014
Anchor FBN
10/50

521.433
Donja ploča
521.433
Lower plate



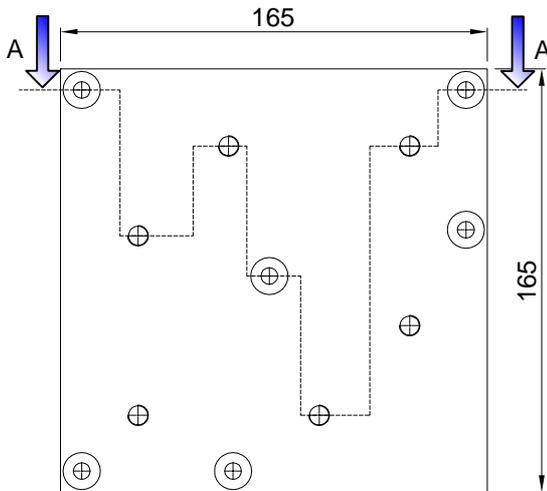
VI. Montaža gornje ploče 521.434 sa vijcima M8x20 DIN 933 431.051
VI. Montage upper plate 521.434 with screw M8x20 DIN 933 431.051

Predmontaža gornje ploče:

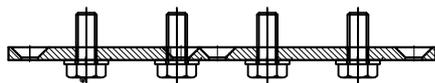
Na gornju ploču 521.434 s donje strane montiramo 6 vijaka M8x20. Između gornje ploče 521.434 i vijaka M8x20 se montiraju podloške.

Pre-montage upper plate:

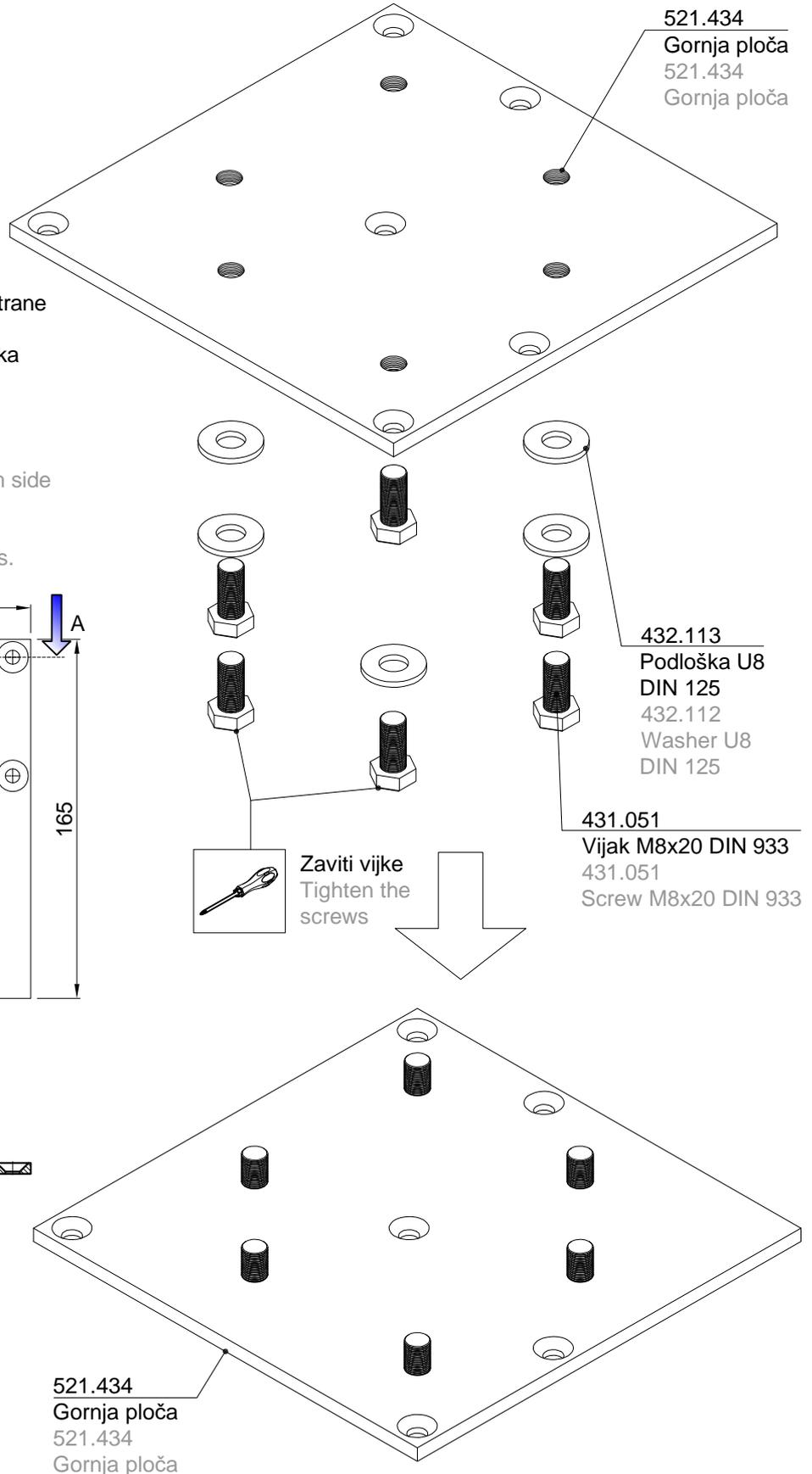
On upper plate 521.434 on bottom side montage 6 screws M8x20. Between upper plate 521.434 and screws M8x20 montage a washers.



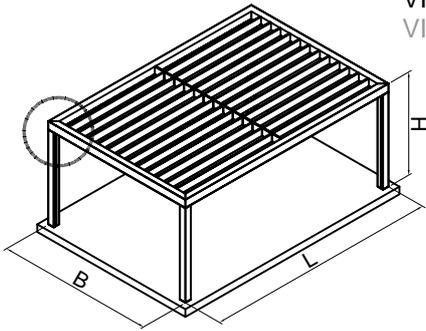
Presjek A-A
Cross section
A-A



431.051
Vijak M8x20 DIN 933
431.051
Screw M8x20 DIN 933

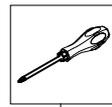


VII. Montaža gornje ploče 521.434 na profil stupa F-1800 VII. Montage upper plate 521.434 on pillar profile F-1800

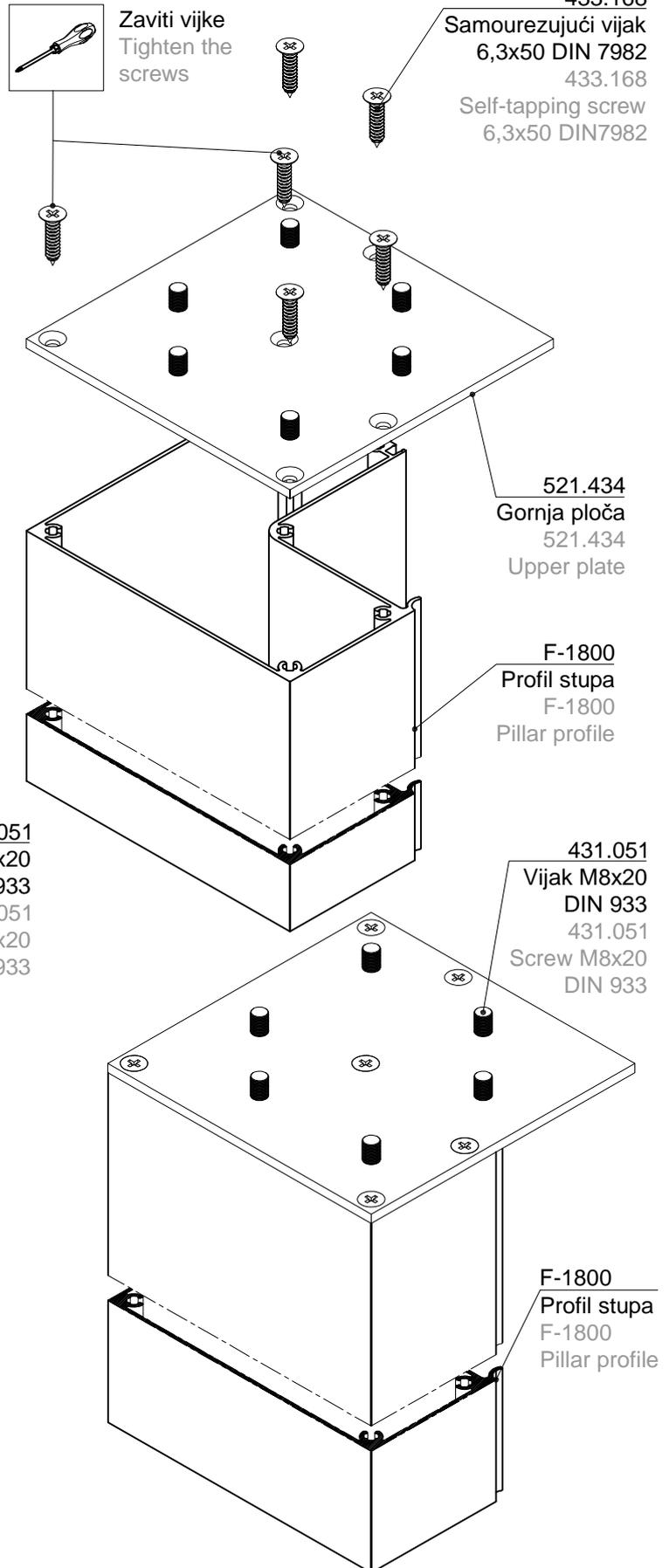


Gornju ploču 521.434 pričvrstiti sa 6 samourezujućih vijaka 6,3x50 DIN 7982 433.168. sa profilom stupa Gornju ploču 521.434 sa 6 vijaka M8x20 DIN 933 431.051 povežujemo profilom okvira F-1802.

Upper plate 521.434 tighten with 6 self-tapping screw 6,3x50 DIN 7982 433.168 with pillar profile
Upper plate 521.434 with 6 screws M8x20 DIN 933 431.051 joined on transom profile F-1800.



Zaviti vijke
Tighten the screws



433.168

Samourezujući vijak
6,3x50 DIN 7982

433.168

Self-tapping screw
6,3x50 DIN7982

521.434

Gornja ploča
521.434

Upper plate

F-1800

Profil stupa
F-1800
Pillar profile

433.168

Samourezujući vijak
6,3x50 DIN 7982

433.168

Self-tapping screw
6,3x50 DIN7982

431.051

Vijak M8x20
DIN 933

431.051

Screw M8x20
DIN 933

431.051

Vijak M8x20
DIN 933

431.051

Screw M8x20
DIN 933

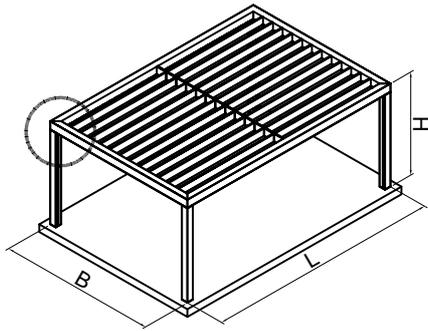
F-1800

Profil stupa
F-1800
Pillar profile

VIII. Montaža stupa na moždanik F-1799

VIII. Montage the pillar profile on mullion profile F-1799

143.168



Spojeni profil stupa F-1800 sa gornjom pločom 521.434 montirati na profil moždanika F-1799.
Finished pillar profile F-1800 with upper plate 521.434 montage at mullion profile F-1799.

Montaža stupa na moždanik ista je za sve tipove pergola
Montage of the pillar on mullion profile is same for all types the pergolaes

Montage of the pillar on mullion profile is same for all types the pergolaes

431.051
Vijak M8x20 DIN933
Screw M8x20
DIN 933

143.168
Samourezujući vijak
6,3x50 DIN 7982
143.168
Self-tapping screw
6,3x50 DIN 7982

521.434
Gornja ploča
521.434
Upper plate

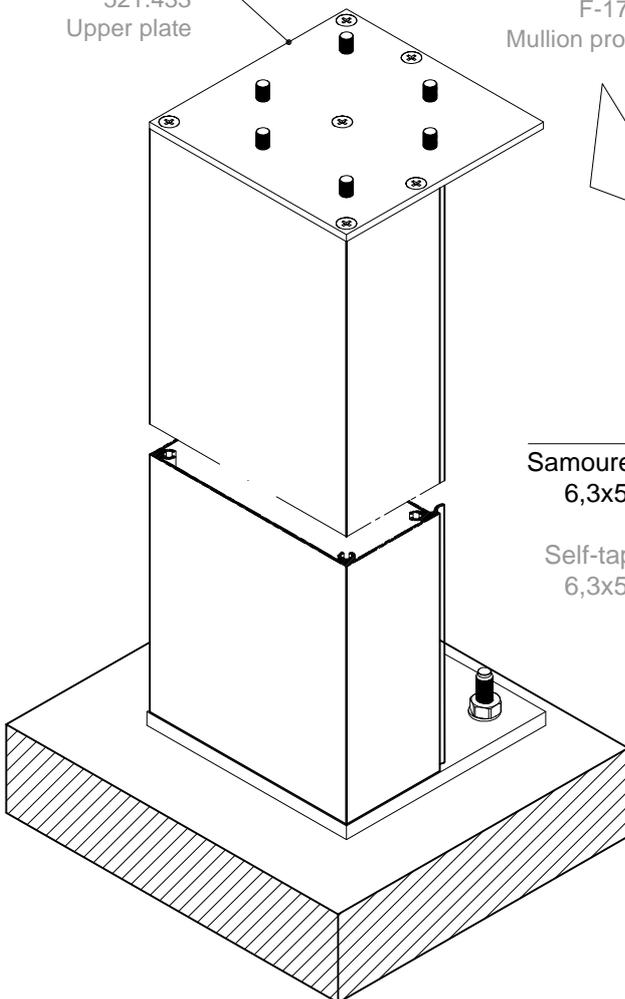
F-1800
Profil stupa
F-1800
Pillar profile

521.433
Donja ploča
521.433
Lower plate

430.014
Tipl FBN 10/50
430.014
Anchor FBN 10/50

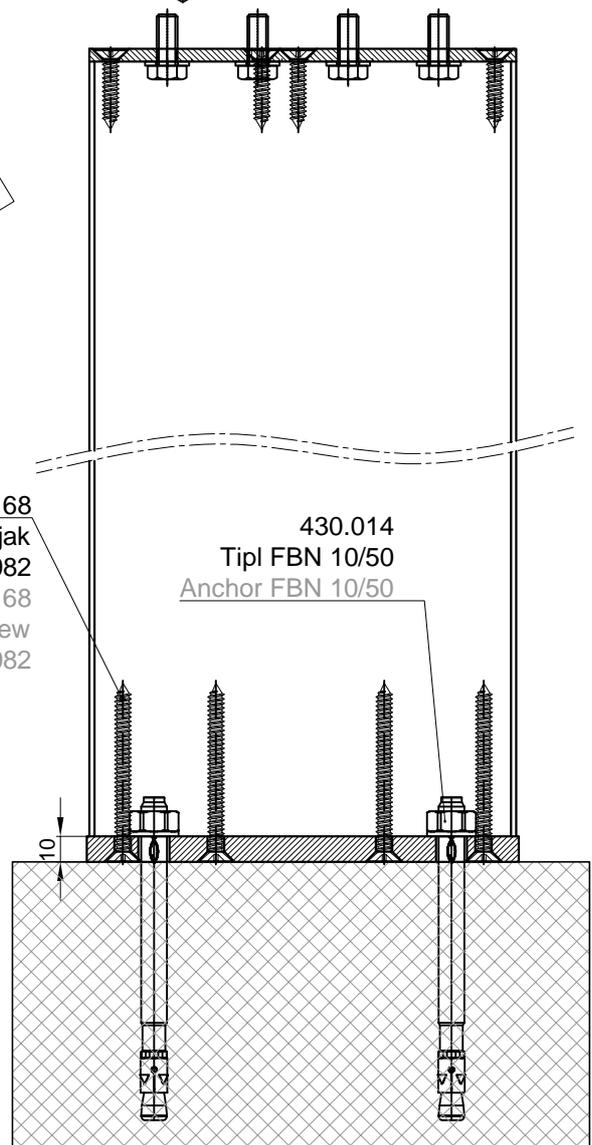
F-1799
Profil moždanika
F-1799
Mullion profile

521.433
Gornja ploča
521.433
Upper plate

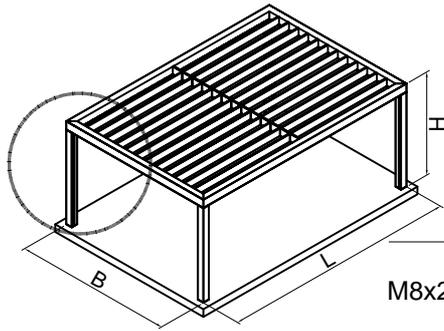


143.168
Samourezujući vijak
6,3x50 DIN 7982
143.168
Self-tapping screw
6,3x50 DIN 7982

430.014
Tipl FBN 10/50
Anchor FBN 10/50



 Beton
Concrete



IX. Montaža profila maske stupa F-1803 na profil stupa F-1800

X. Montage transom cover profile F-1803 on pillar profile F-1800

Prikaz sastavljanja profila maske stupa F-1803 sa profilom stupa F-1800.

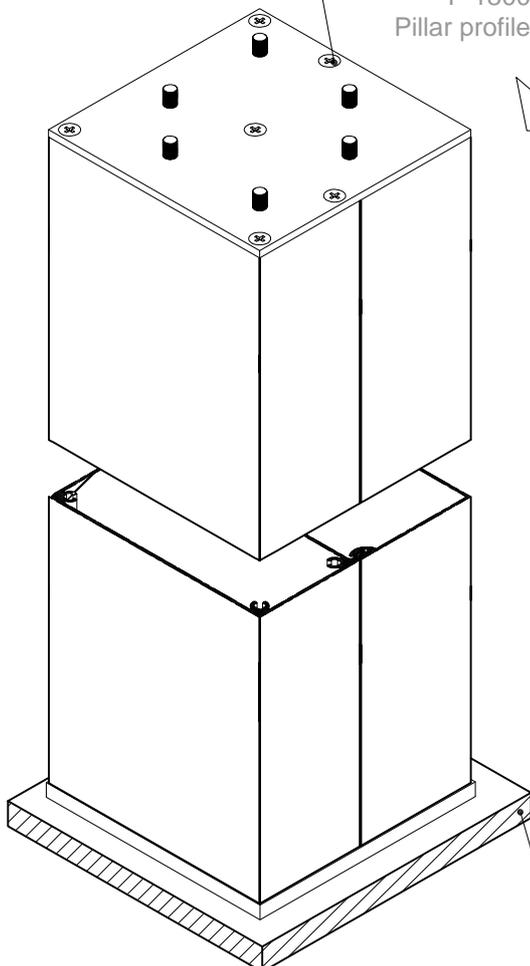
U profil stupa F-1800 prije montaže profila maske stupa F-1803 trebamo montirati PVC umetke.

Prikaz sastavljanja profila maske stupa F-1803 sa profilom stupa F-1800.

U profil stupa F-1800 prije montaže profila maske stupa F-1803 trebamo montirati PVC umetke.

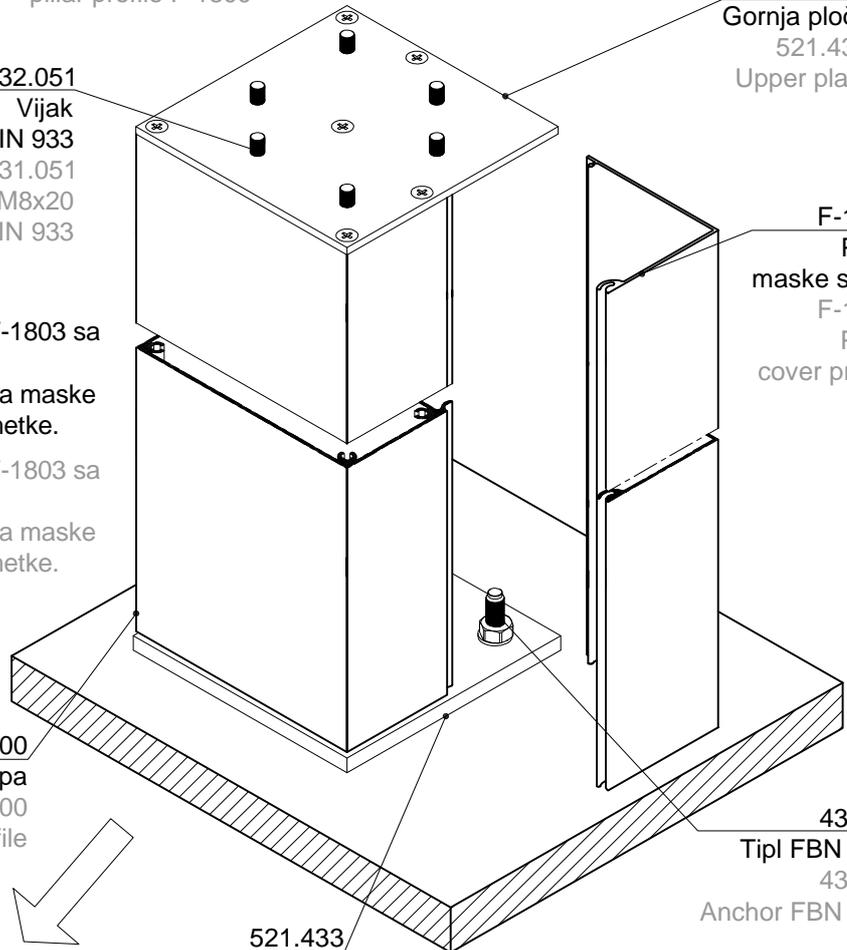
433.168
Samorezujući vijak 6,3x50
DIN7982
433.168
Self-tapping screw
6,3x50 DIN 7982

F-1800
Profil stupa
F-1800
Pillar profile



Gotov pod
Finished floor

432.051
Vijak
M8x20 DIN 933
431.051
Screw M8x20
DIN 933



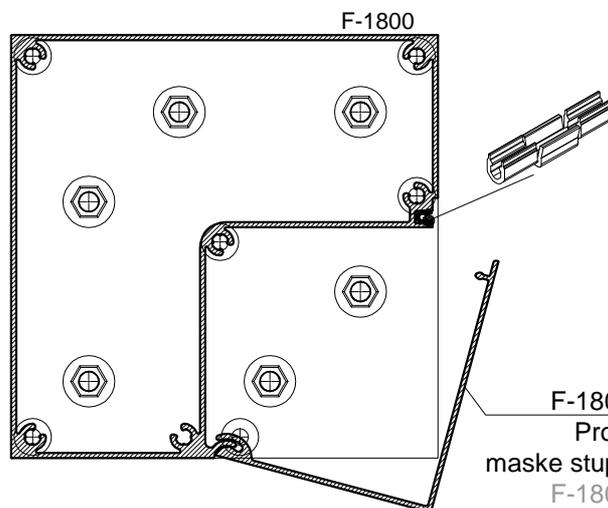
521.434
Gornja ploča
521.434
Upper plate

F-1803
Profil
maske stupa
F-1803
Pillar
cover profile

430.01
Tipl FBN 10/5
430.01
Anchor FBN 10/5

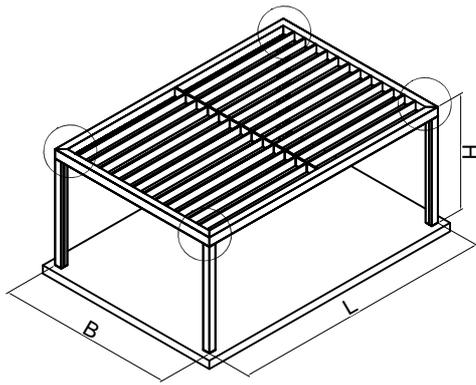
521.433
Donja ploča
521.433
Lower plate

Montaža PVC umetka
375.048-montirati svako
500mm
Montage PVC insert
375.048
montage every 500mm

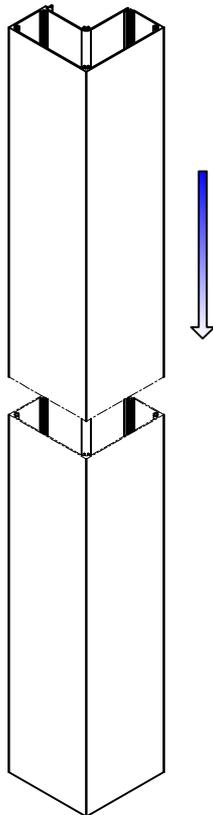
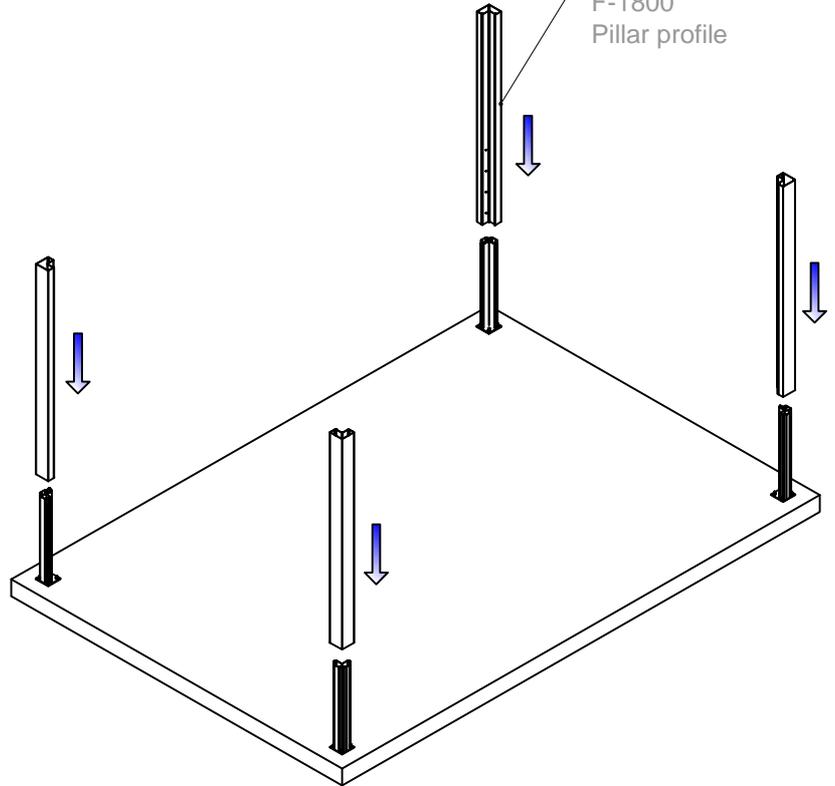


F-1803
Profil
maske stupa
F-1803
Pillar
cover profile

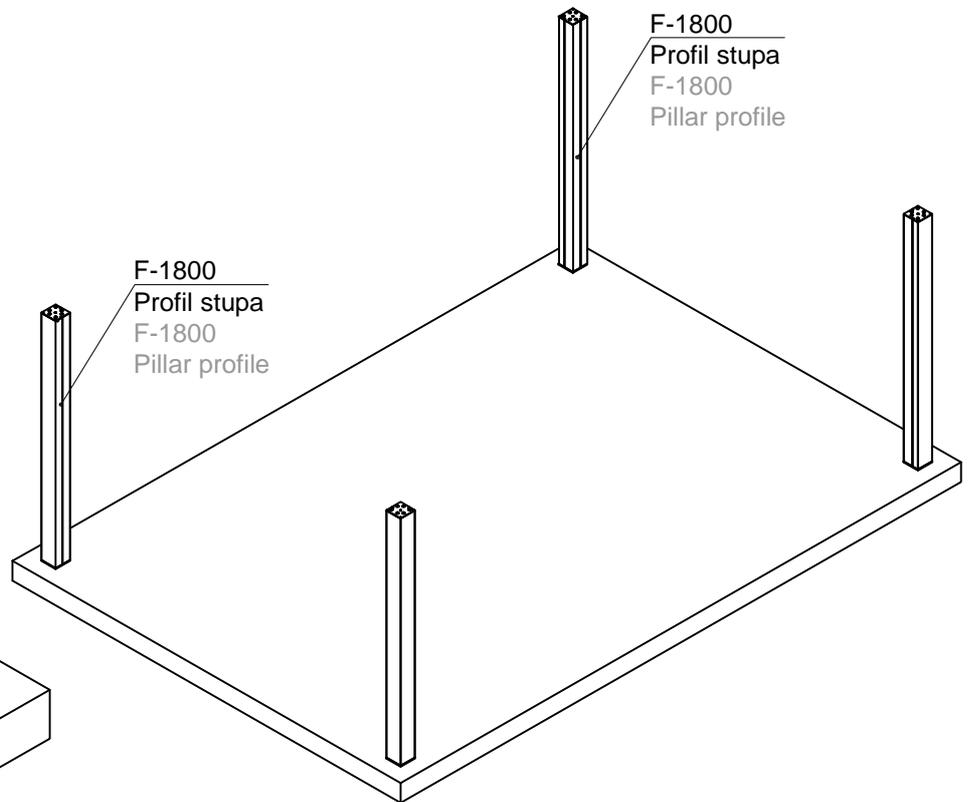
X. Raspored i montaža stupva X. Arrangement and montage of pillars



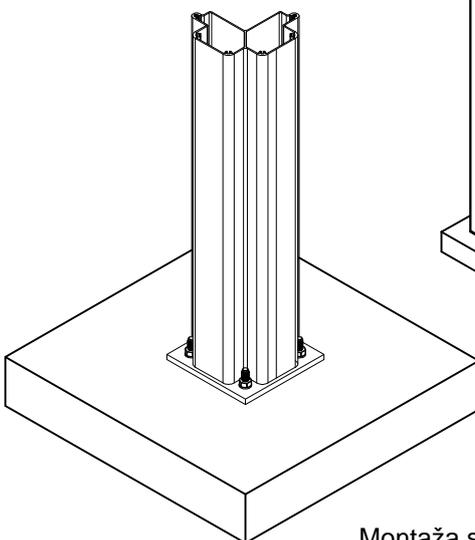
F-1800
Profil stupa
F-1800
Pillar profile



F-1800
Profil stupa
F-1800
Pillar profile

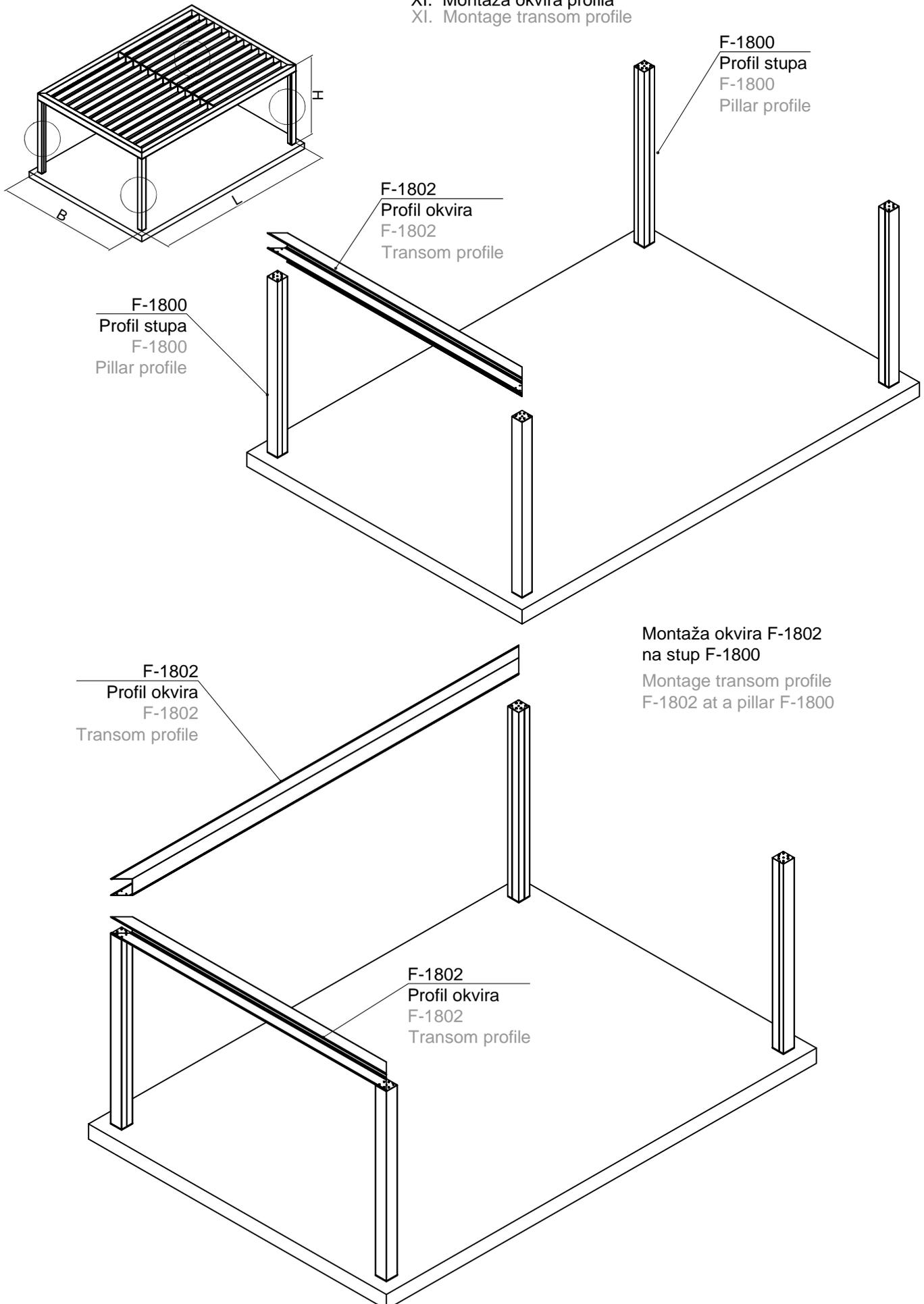


F-1800
Profil stupa
F-1800
Pillar profile



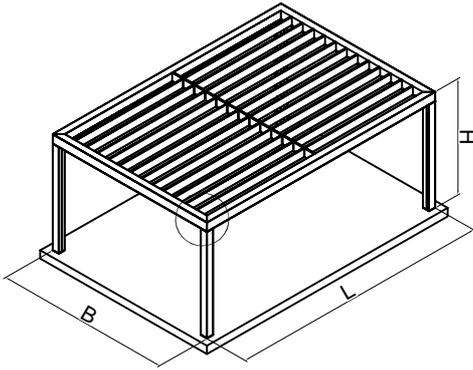
Montaža stupa na moždanik ista je za sve tipove pergola
Montage of the pillar on mullion profile is same for all types the pergolaes

XI. Montaža okvira profila XI. Montage transom profile



XII. Montaža okvira F-1802 na stupove F-1800

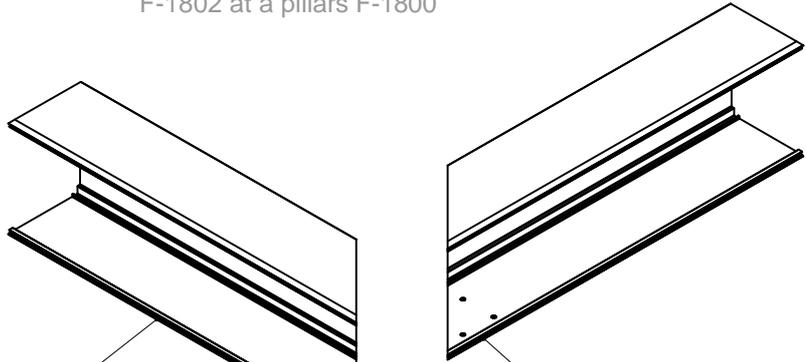
XII. Montage transom profile F-1802 at a pillars F-1800



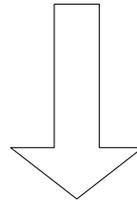
F-1802
Profil okvira
F-1802
Transom profile

Montaža okvira na stup isti je
za sve tipove pergola

Montage of the transom profile on pillar profile
is same for all types the pergolaes

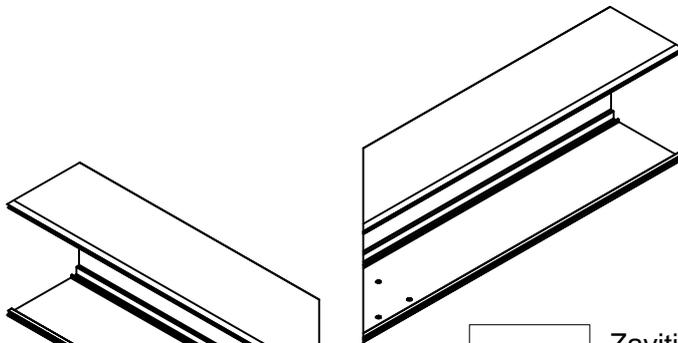


F-1802
Profil okvira
F-1802
Transom profile



F-1800
Profil stupa
F-1800
Pillar profile

F-1802
Profil okvira
F-1802
Transom profile

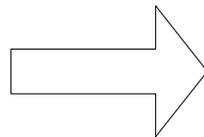


F-1802
Profil okvira
F-1802
Transom profile

F-1800
Profil stupa
F-1800
Pillar profile



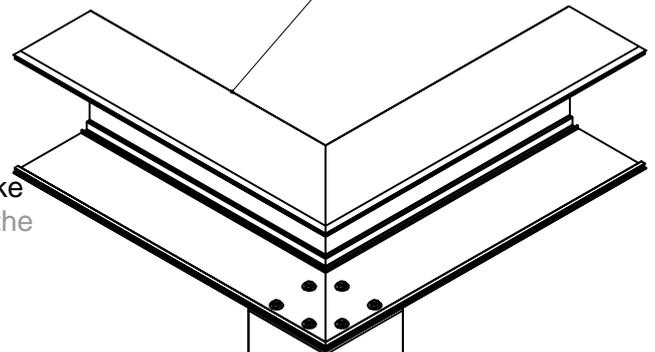
Zaviti vijke
Tighten the
screws



431.051
Vijak M8X20 DIN 933
431.051
Screw M8x20 DIN 933

432.005
Matica M8 DIN934
432.005
Nut U8 DIN 125

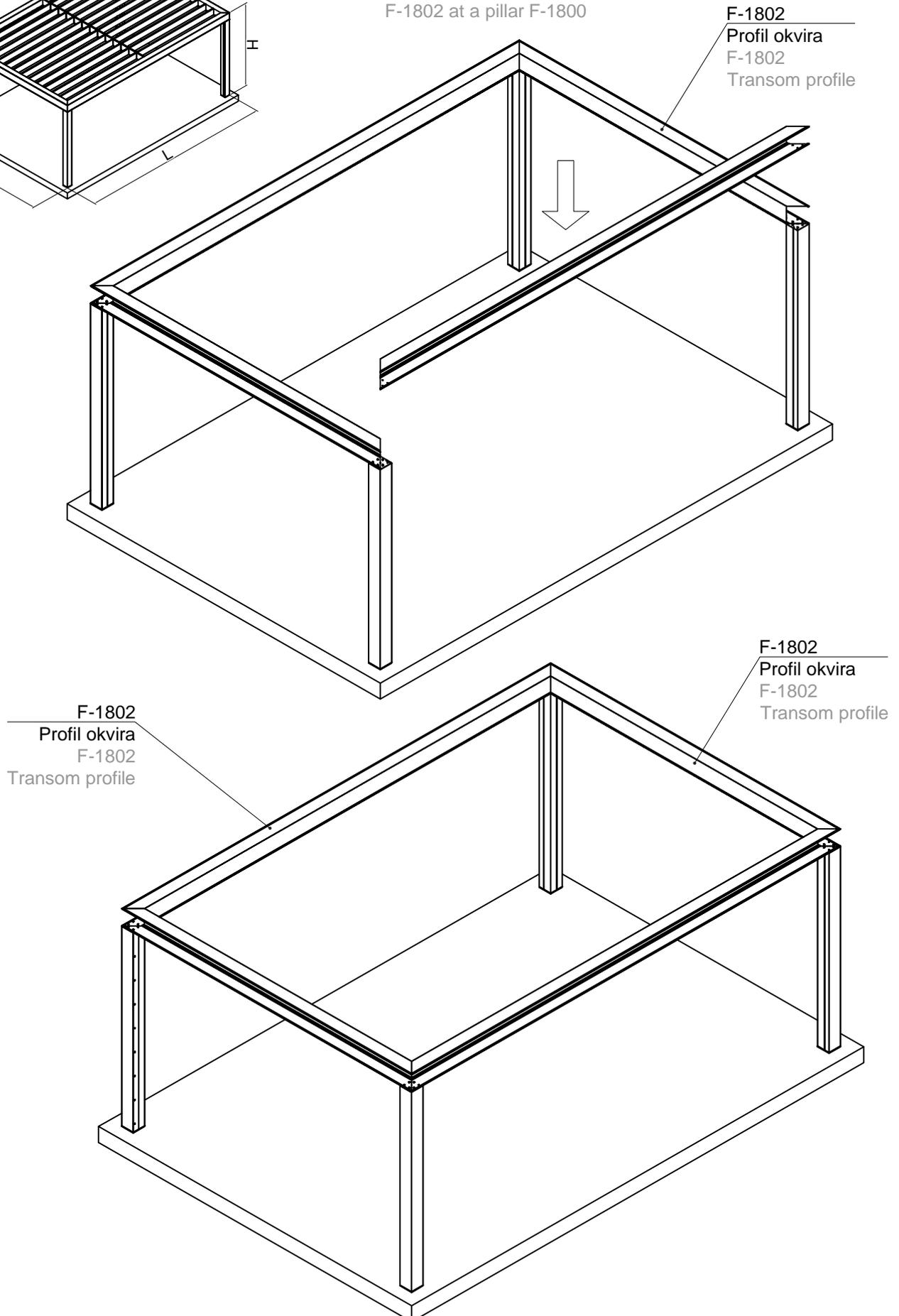
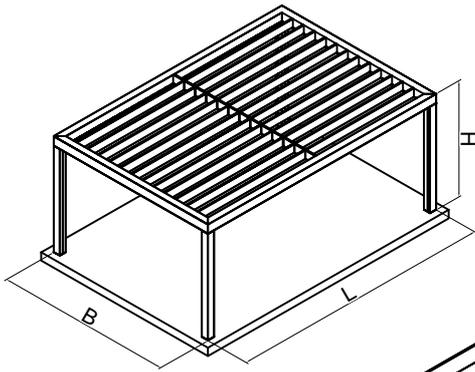
432.113
Podloška U8 DIN 125
432.112
Washer U8 DIN 125



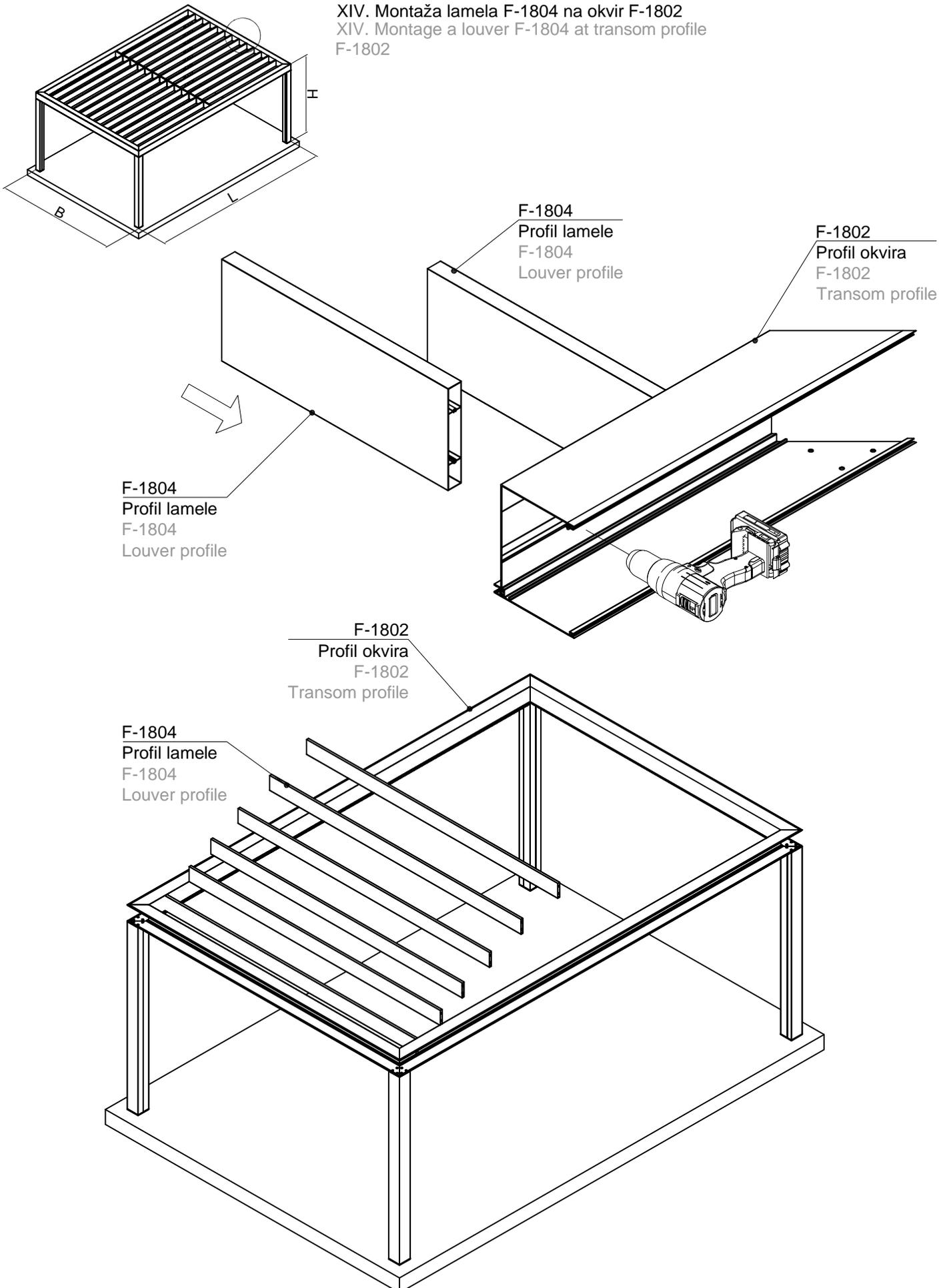
F-1800
Profil stupa
F-1800
Pillar profile

XIII. Montaža okvira F-1802 na stup F-1800

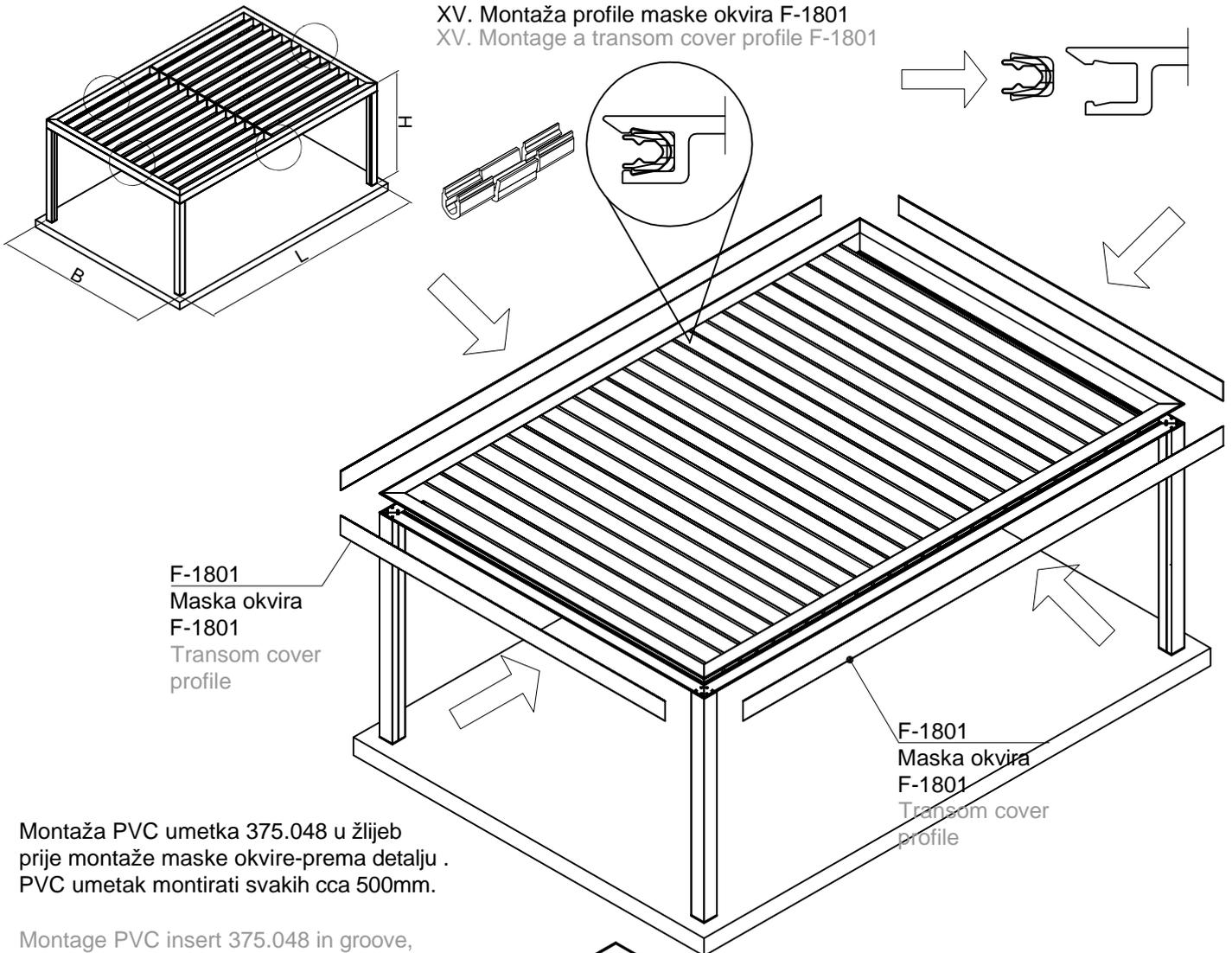
XIII. Montage transom profile F-1802 at a pillar F-1800



XIV. Montaža lamela F-1804 na okvir F-1802 XIV. Montage a louver F-1804 at transom profile F-1802

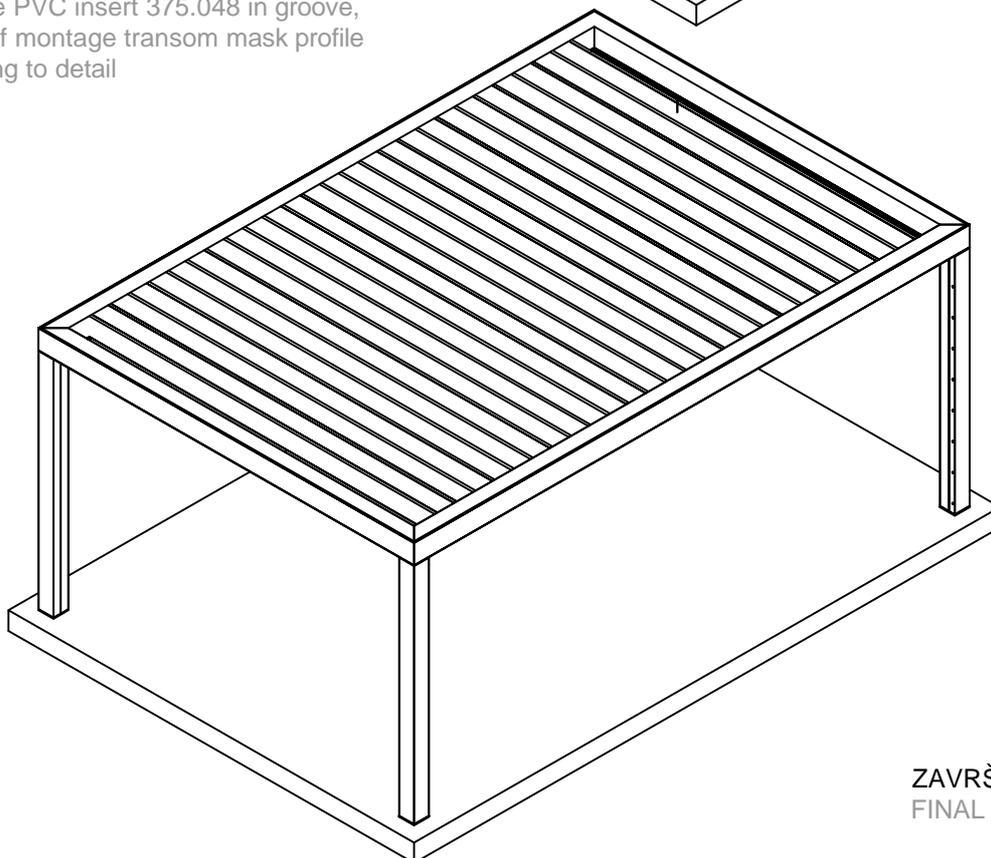


XV. Montaža profile maske okvira F-1801 XV. Montage a transom cover profile F-1801



Montaža PVC umetka 375.048 u žlijeb
prije montaže maske okvira-prema detalju .
PVC umetak montirati svakih cca 500mm.

Montage PVC insert 375.048 in groove,
before of montage transom mask profile
according to detail

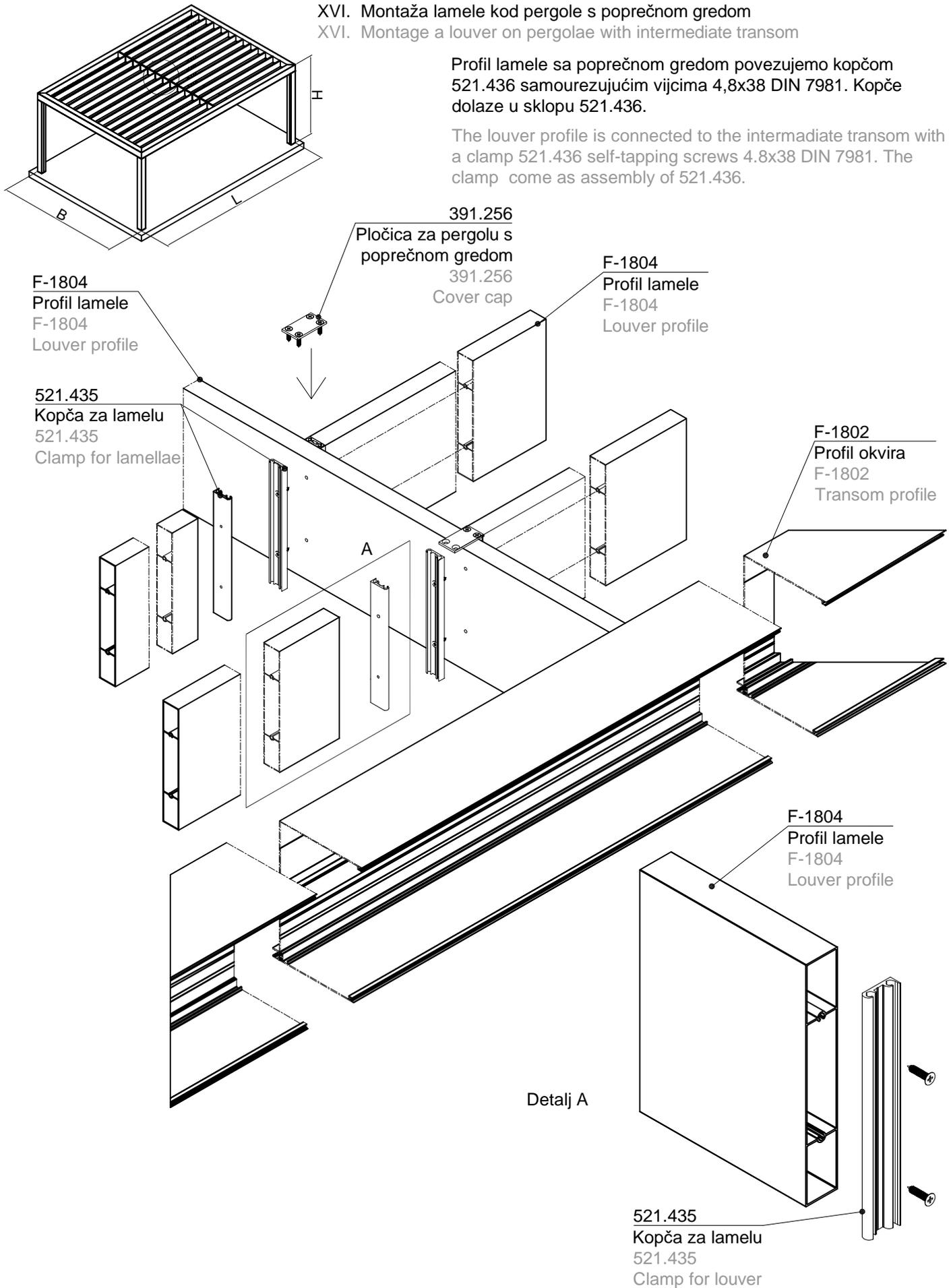


ZAVRŠNI IZGLED PERGOLE
FINAL LOOK

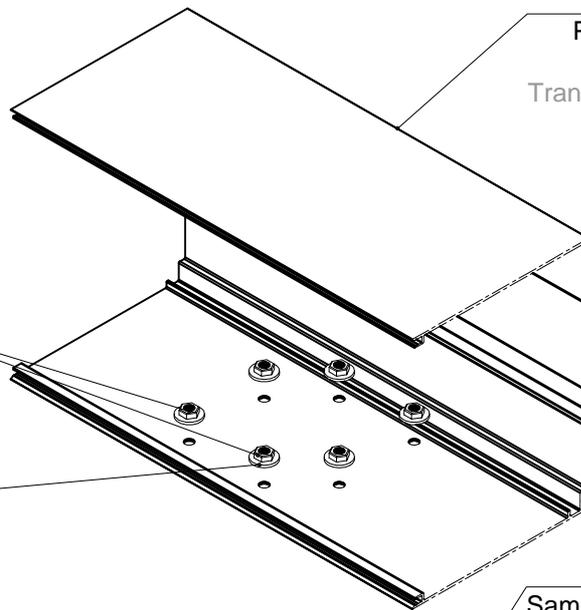
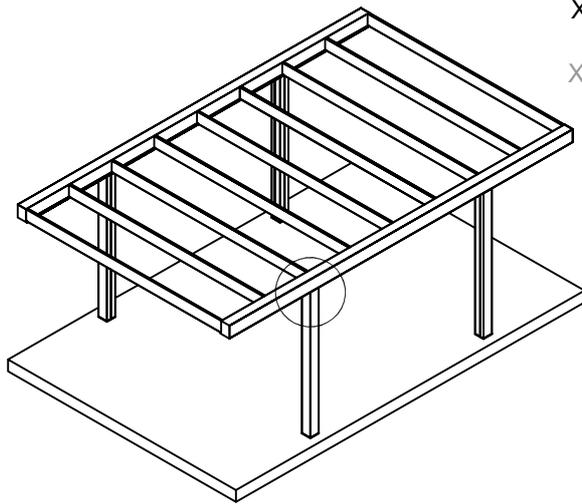
XVI. Montaža lamele kod pergole s poprečnom gredom XVI. Montage a louver on pergolae with intermediate transom

Profil lamele sa poprečnom gredom povezujemo kopčom 521.436 samourezujućim vijcima 4,8x38 DIN 7981. Kopče dolaze u sklopu 521.436.

The louver profile is connected to the intermediate transom with a clamp 521.436 self-tapping screws 4.8x38 DIN 7981. The clamp come as assembly of 521.436.



XVII. Montaža stupova kod pergole
s obostrano prepuštenom gredom
XVII. Mounting a pillars of pergollae
with bothside left transom profile



432.005
Matica M8 DIN 934
432.005
Nut M8 DIN 934

432.113
Podložka U8 DIN 125
432.113
Washer U8 DIN 125

Zaviti vijke
Tighten the
screws

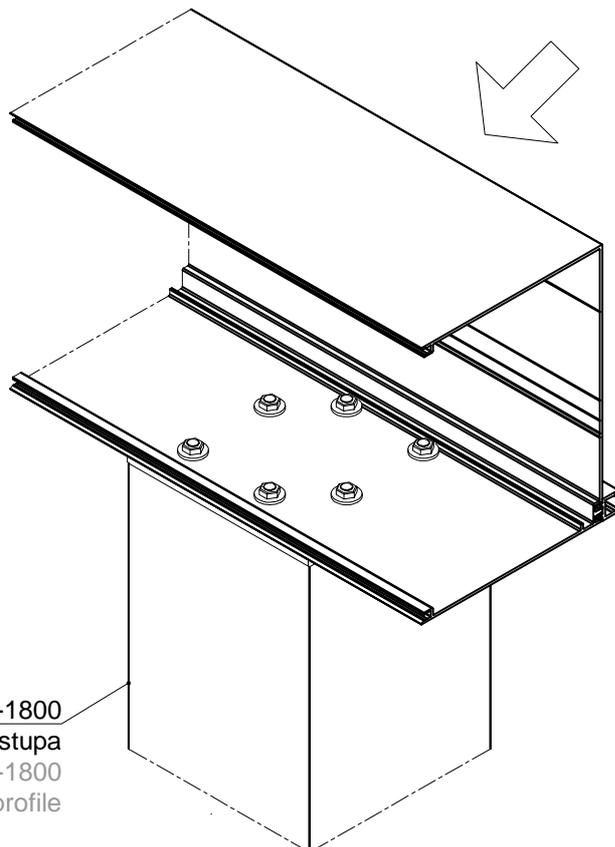


F-1802
Profil okvira
F-1802
Transom profile

433.168
Samorezujući vijak
6,3x32 DIN 7982
433.168
Samorezujući vijak
6,3x32 DIN 7982

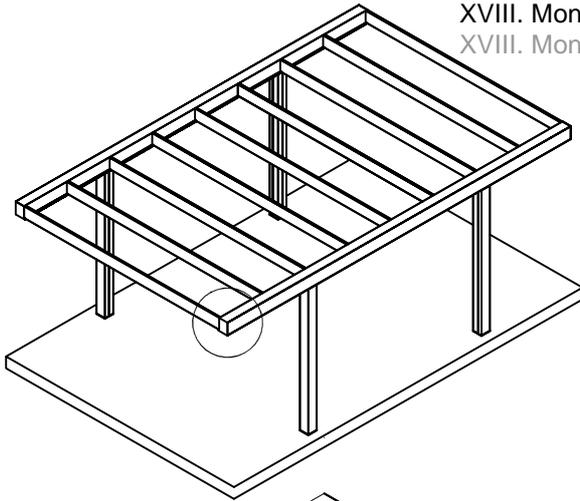
521.434
Gornja ploča
521.434
Upper plate

431.051
Vijak M8x20 DIN 933
431.051
Screw M8x20 DIN 933



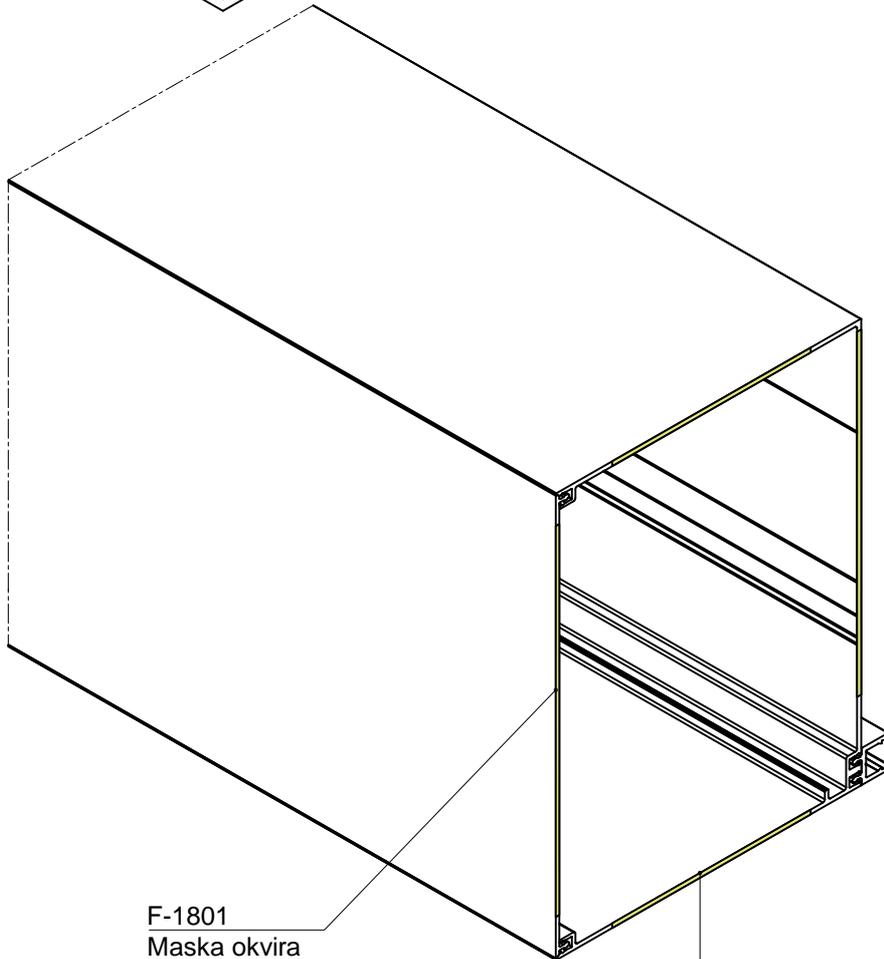
F-1800
Profil stupa
F-1800
Pillar profile

XVIII. Montaža čepa na krajevima profila okvira XVIII. Montage caps on the end transom profile



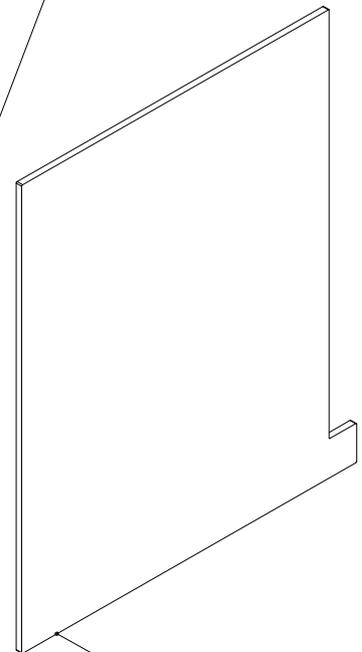
Čep 391.257 postavljamo na kraj profila okvira na kojeg smo prije nanijeli lijepilo.

We place the plug 391.257 on the end of the profile of the frame on which we previously applied the glue.

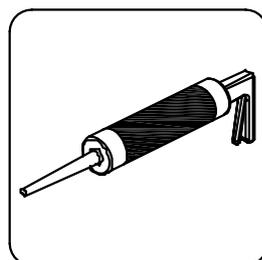


F-1801
Maska okvira
F-1801
Transom cover
profile

Profil za led rasvjetu
F-1805
LED lighting profile
F-1805



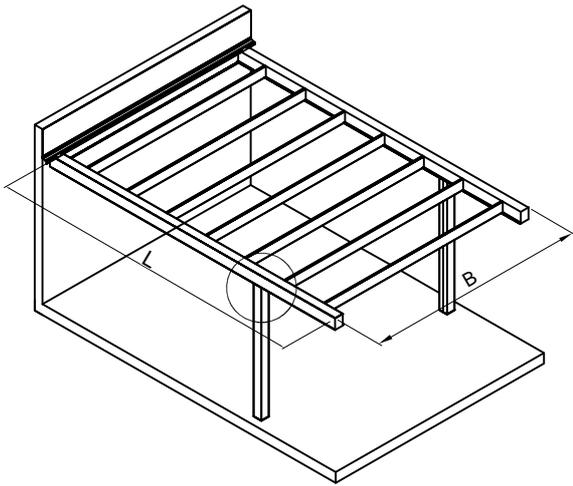
391.257
Čep za okvir
391.257
Cap for transom



Lijepiti
Gluing

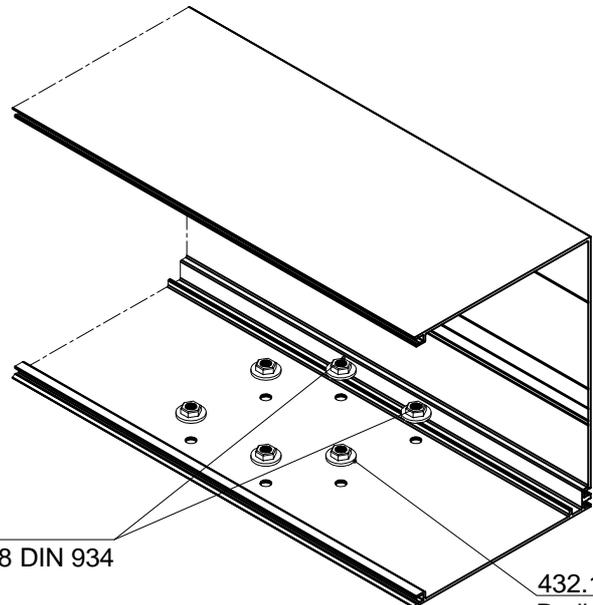
XIX. Montaža stupova kod pergole s prepuštenom gredom

XIX. Mounting a pillars of pergollae with left transom profile



Gornju ploču 521.434 pričvrstiti preko 6 samourezujućih vijaka 6,3x50 DIN 7982 433.168. sa profilom stupa
Gornju ploču 521.434 sa 6 vijaka M8x20 DIN 933 431.051 povezujemo profilom okvira F-1802.

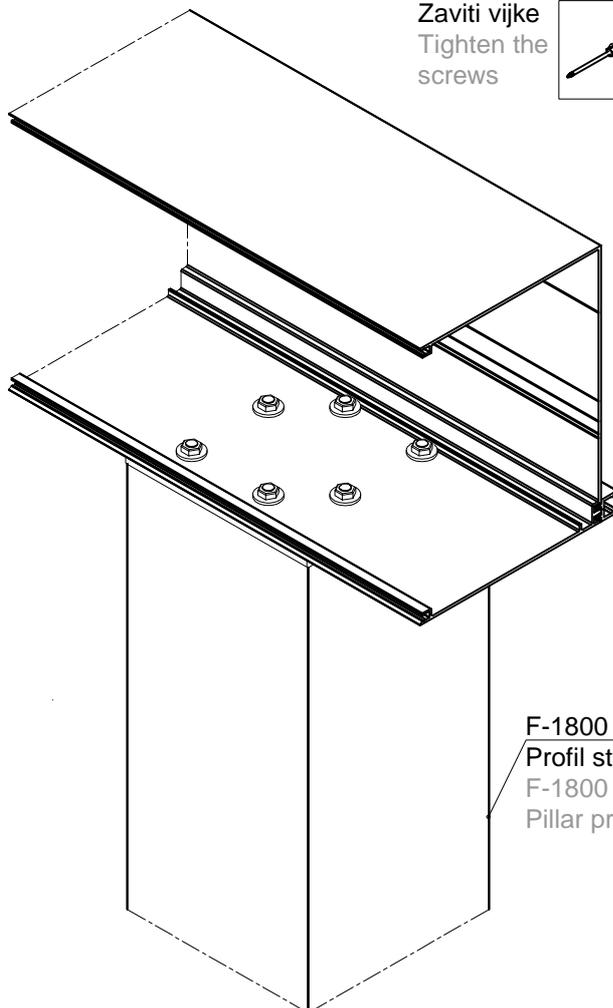
Upper plate 521.434 tighten over 6 self-tapping screw 6,3x50 DIN 7982 433.168 with pillar profile
Upper plate 521.434 with 6 screws M8x20 DIN 933 431.051 joined on transom profile F-1800.



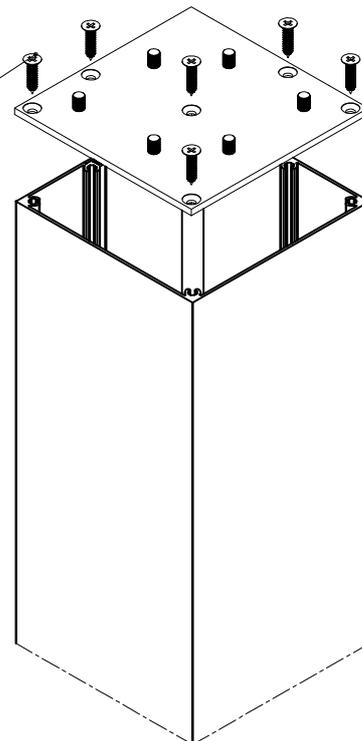
432.005
Matica M8 DIN 934
432.005
Nut M8 DIN 934

432.113
Podloška U8
DIN 125
432.113
Washer U8
DIN 125

Zaviti vijke
Tighten the
screws



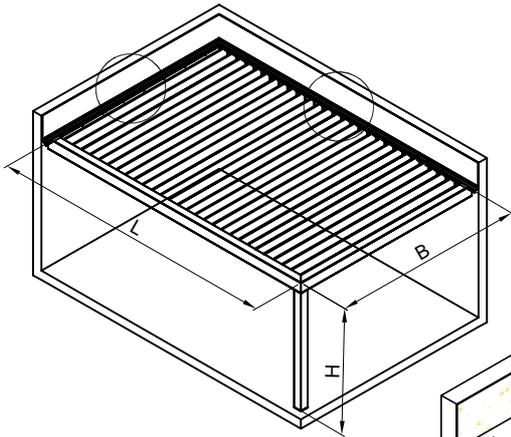
F-1800
Profil stupa
F-1800
Pillar profile



F-1800
Profil stupa
F-1800
Pillar profile

XX. Montaža L-profila na zid
za prihvat lamele

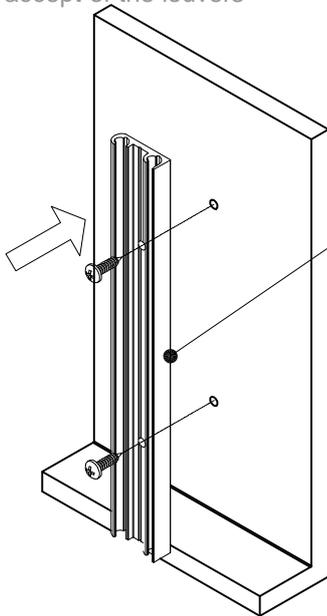
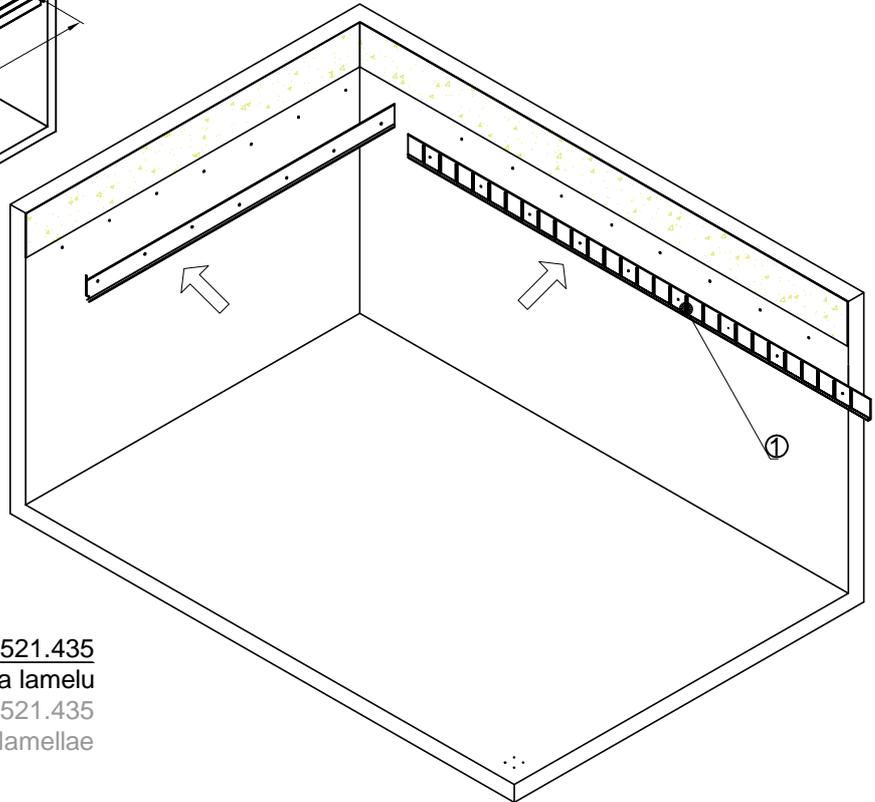
XX. Montaža L-profila na zid
za prihvat lamele



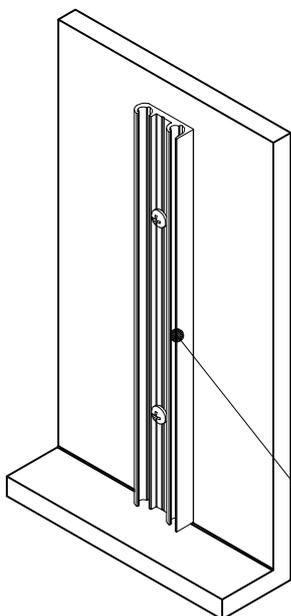
1 Montaža kopče na L-profil za prihvat
lamele

Kopču sa L-profilom montirati na zid

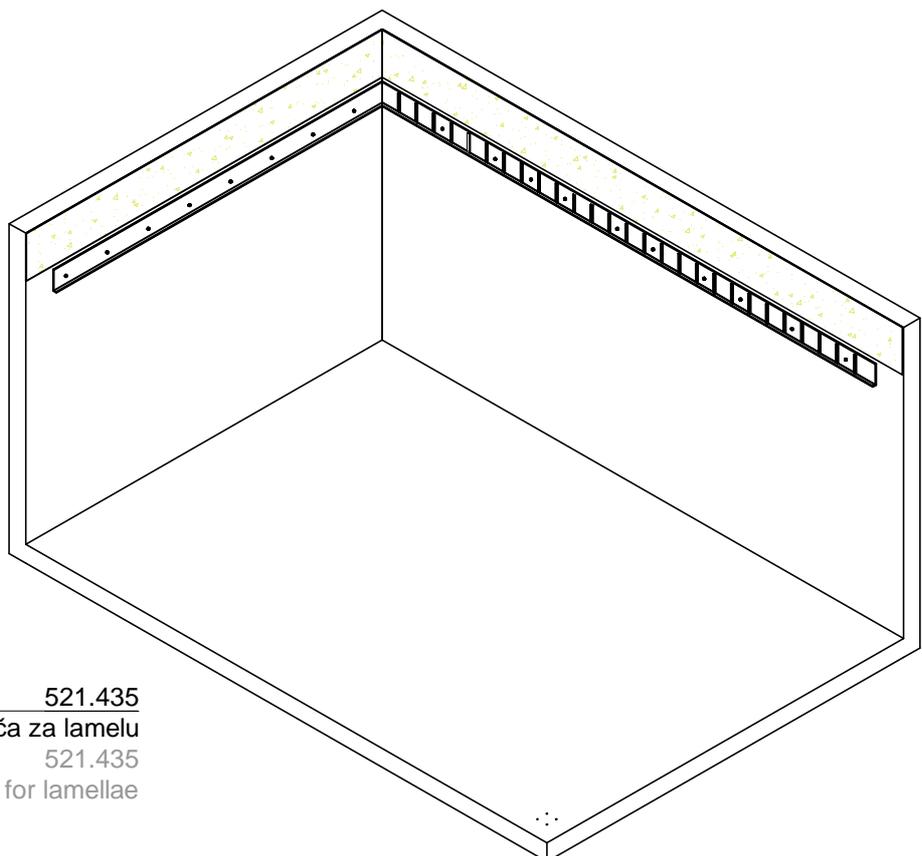
① Montage of the clamp on L-profile
for accept of the louvers



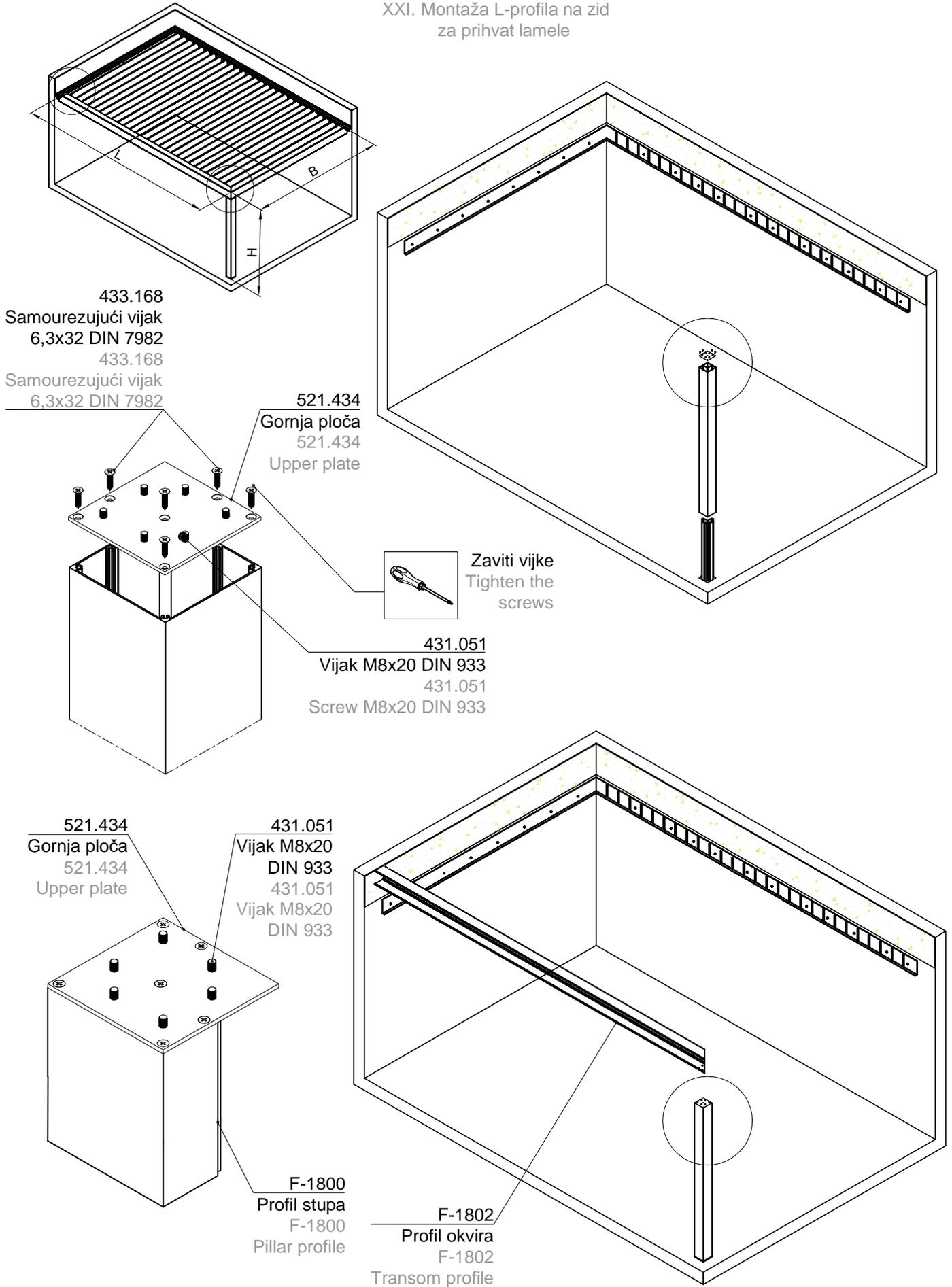
521.435
Kopča za lamelu
521.435
Clamp for lamellae



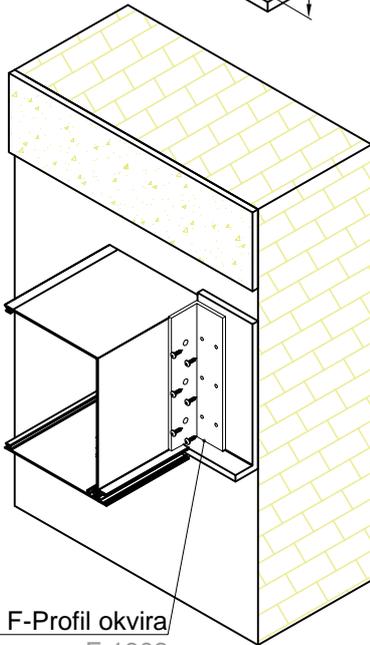
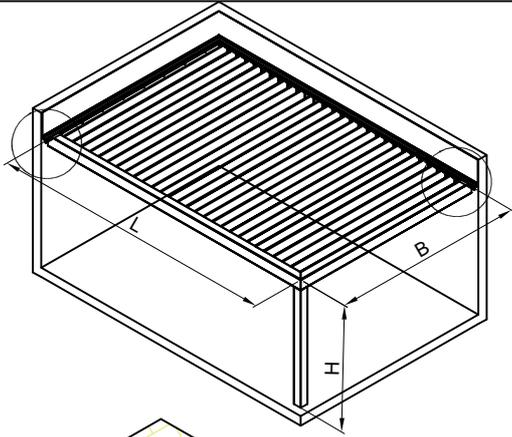
521.435
Kopča za lamelu
521.435
Clamp for lamellae



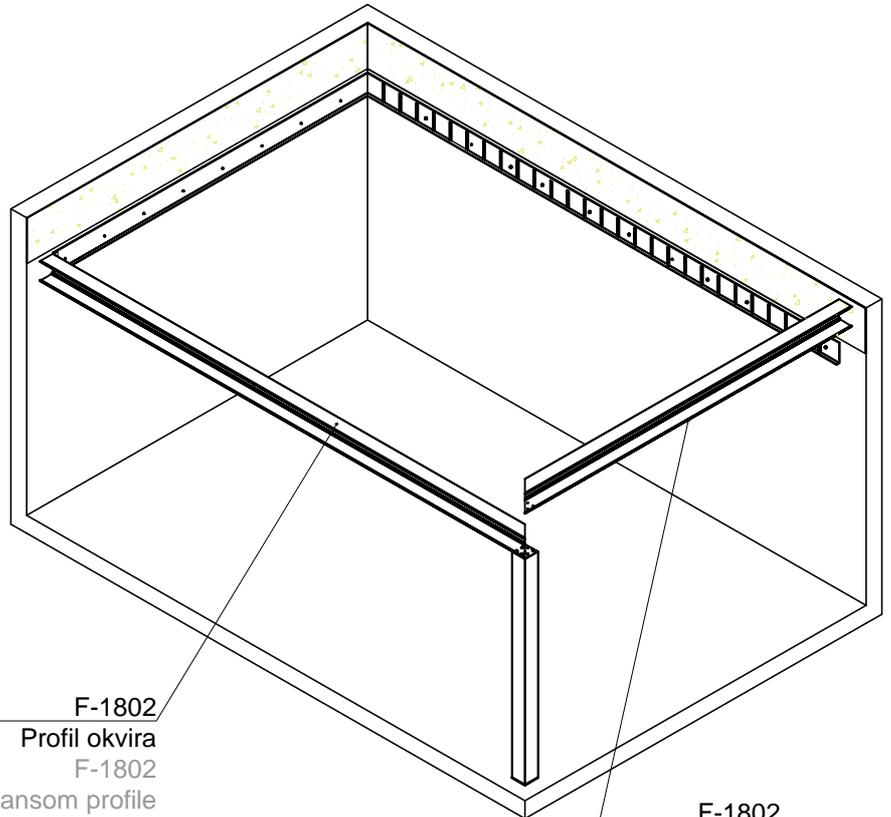
XXI. Montaža stuba i okvira XXI. Montaža L-profila na zid za prihvat lamele



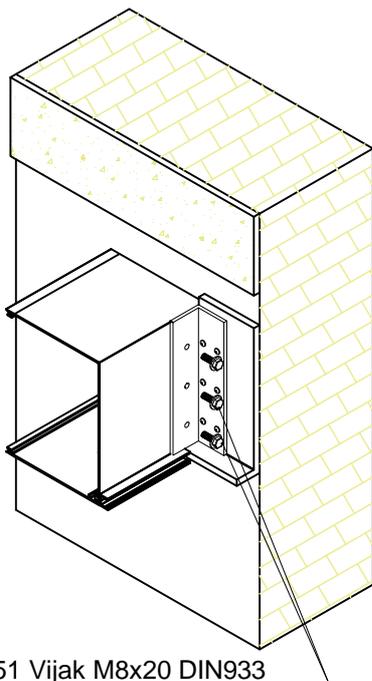
XXII. Montaža okvira na spoju s zidom XXII. Montage of transom on join with wall



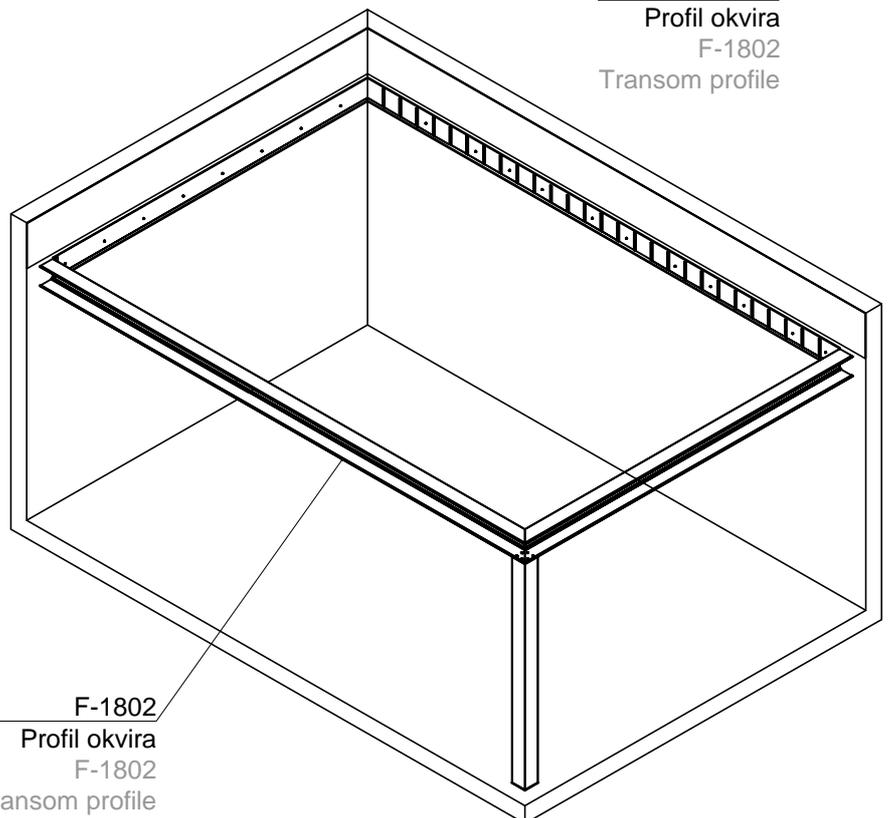
F-Profil okvira
F-1802
Transom profile



F-1802
Profil okvira
F-1802
Transom profile

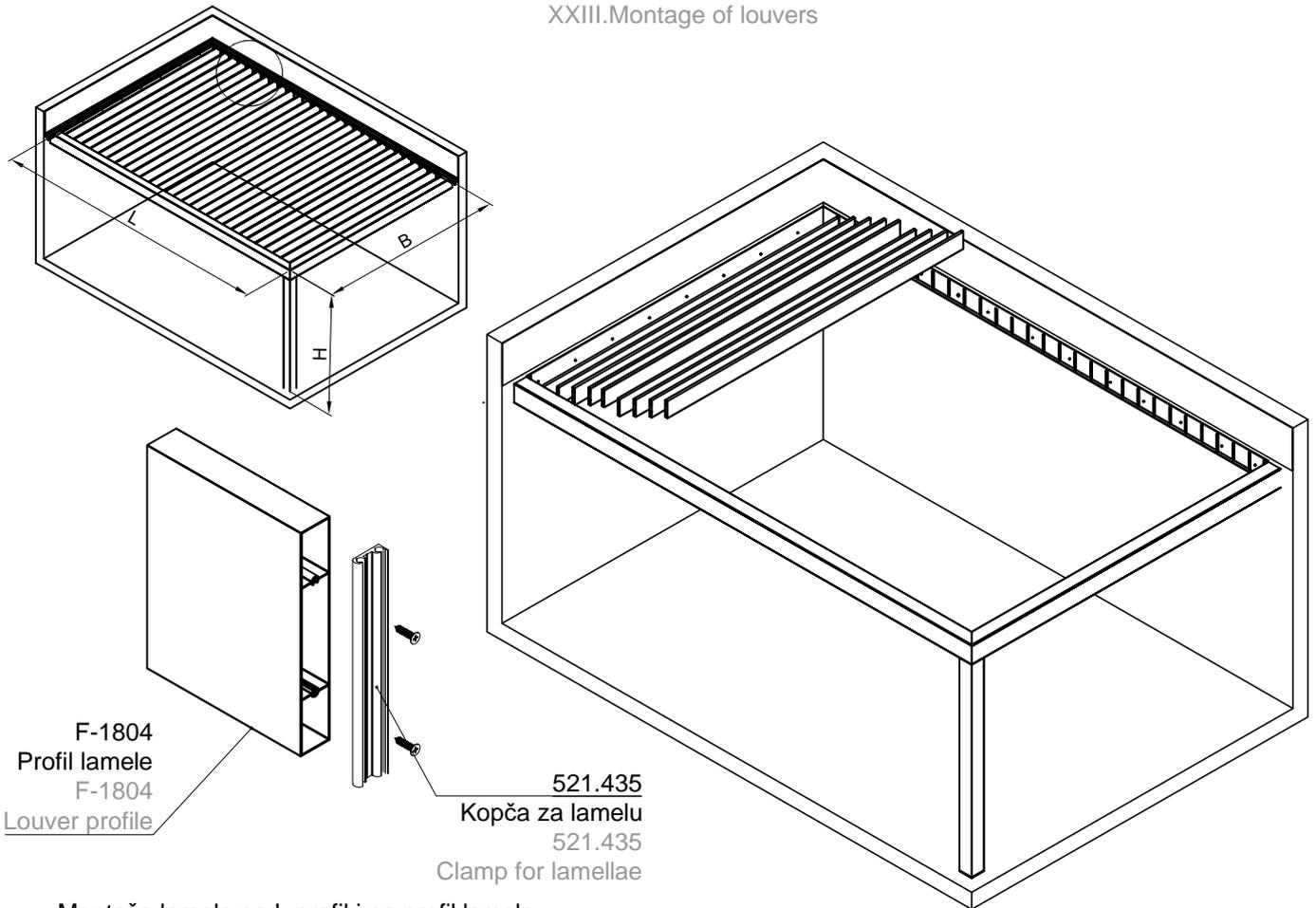


431.051 Vijak M8x20 DIN933
432.113 Podloška U8 DIN 125
432.005 Matica M8 DIN 934
431.051 Screw M8x20 DIN933
432.113 Washer U8 DIN 125
432.005 Nut M8 DIN 934



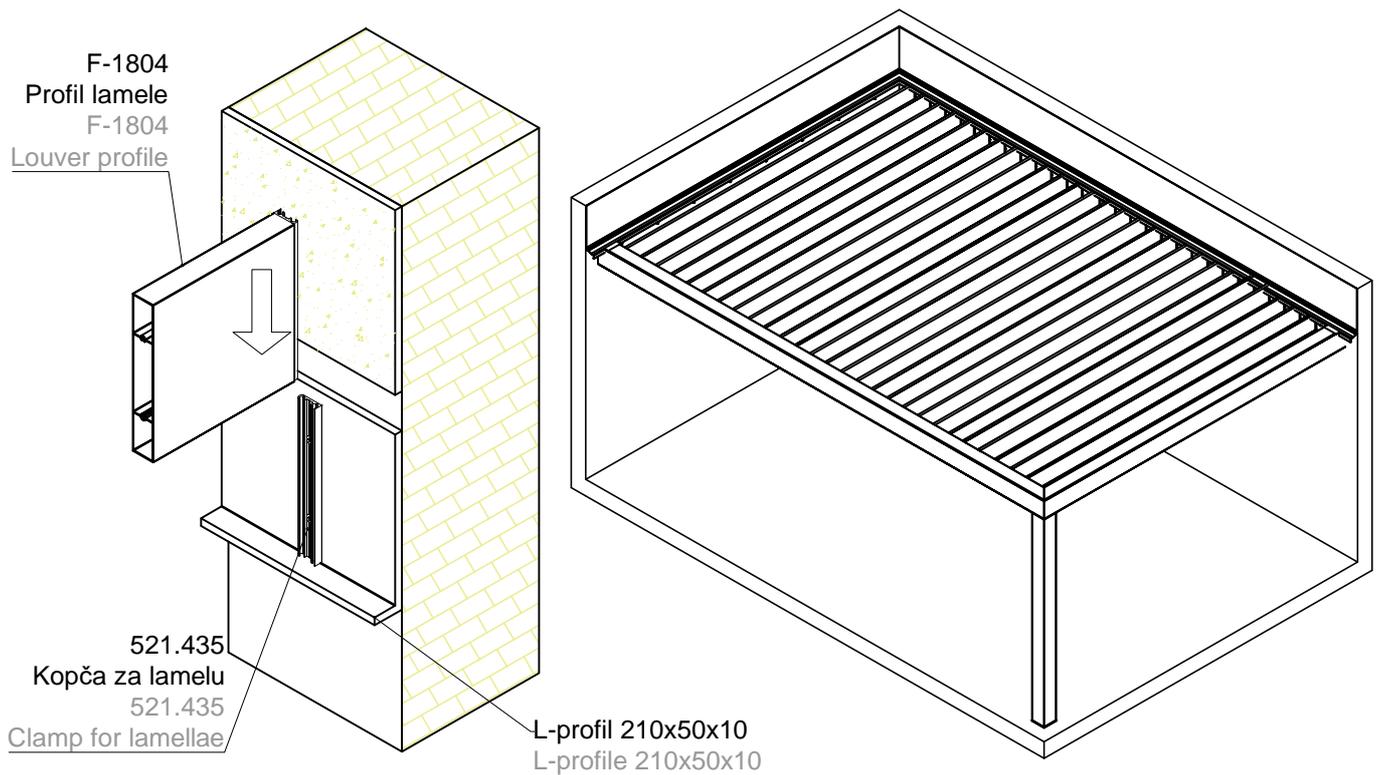
F-1802
Profil okvira
F-1802
Transom profile

XXIII. Montaža lamela XXIII.Montage of louvers

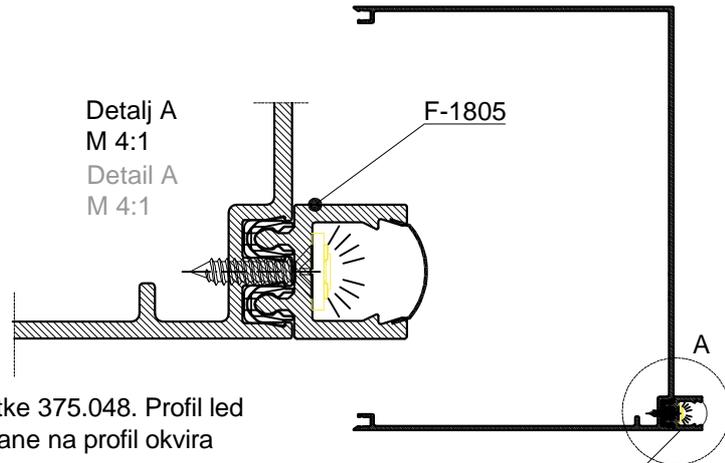
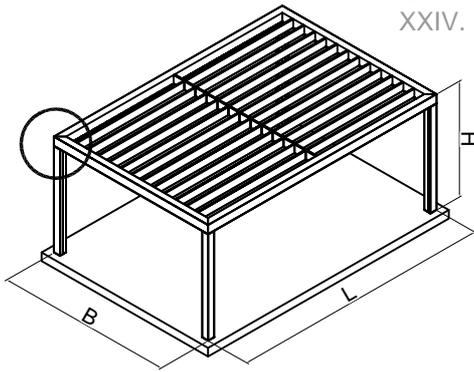


Montaža lamele na L profil i na profil lamele
Dio kopče montiran je na L profil a drugi dio
na lamelu.

Montage of louver on Lprofile and on louver
Part of the clamp montaged on L profile a second part
on the louver



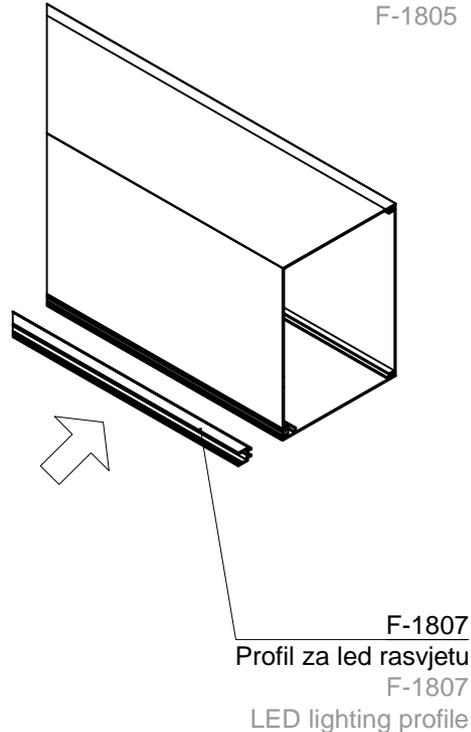
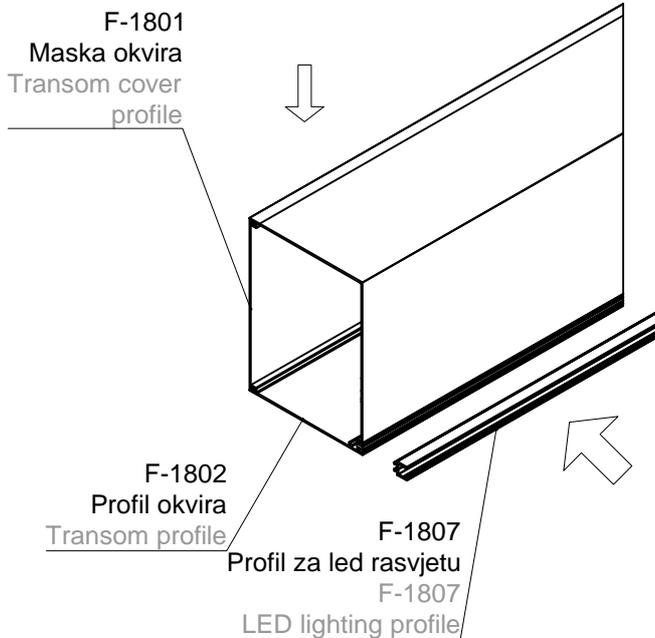
XXIV. Montaža profila led rasvjete na profil okvira XXIV. Montage LED light profile at Transom profile



Na profil led rasvjete postavimo PVC umetke 375.048. Profil led rasvjete F-1805 montiramo s unutarne strane na profil okvira F-1802.

On the Led light profile mount PVC inserts 375.048.
Led light profile F-1805 mount on the inside transom profile F-1802

Profil za led rasvjetu
F-1805
LED lighting profile
F-1805

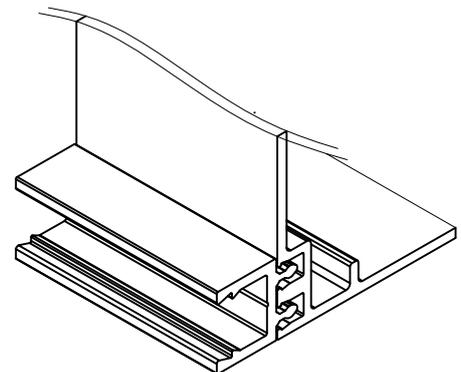
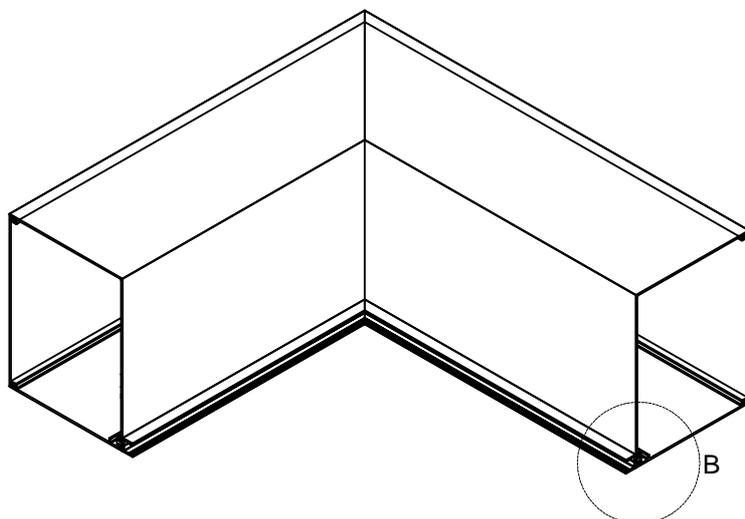


F-1801
Maska okvira
Transom cover
profile

F-1802
Profil okvira
Transom profile

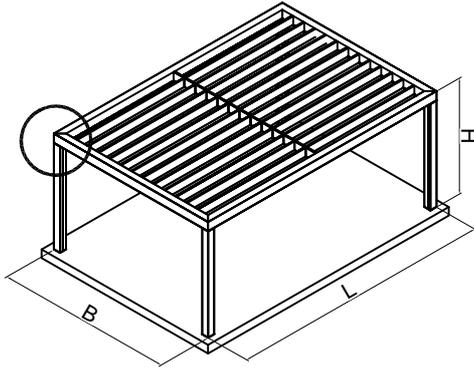
F-1807
Profil za led rasvjetu
F-1807
LED lighting profile

F-1807
Profil za led rasvjetu
F-1807
LED lighting profile



Detalj B
Detail B

XXV. Ojačanje kuta pergole XXV. Corner reinforcement of the pergola



Pločicu za ojačanje montirati unutar profila okvira, zatim nitnama s gornje strane pričvstiti.

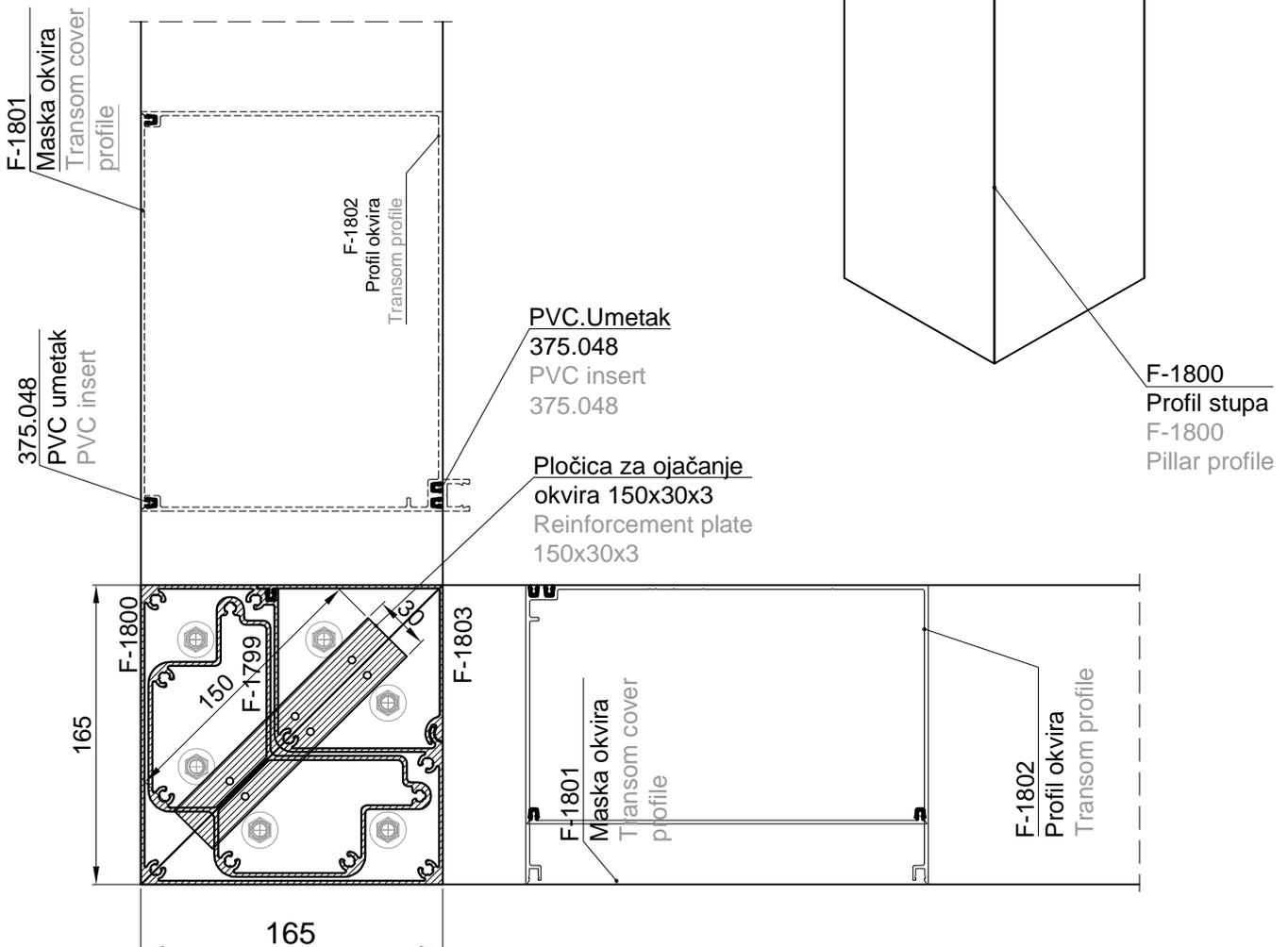
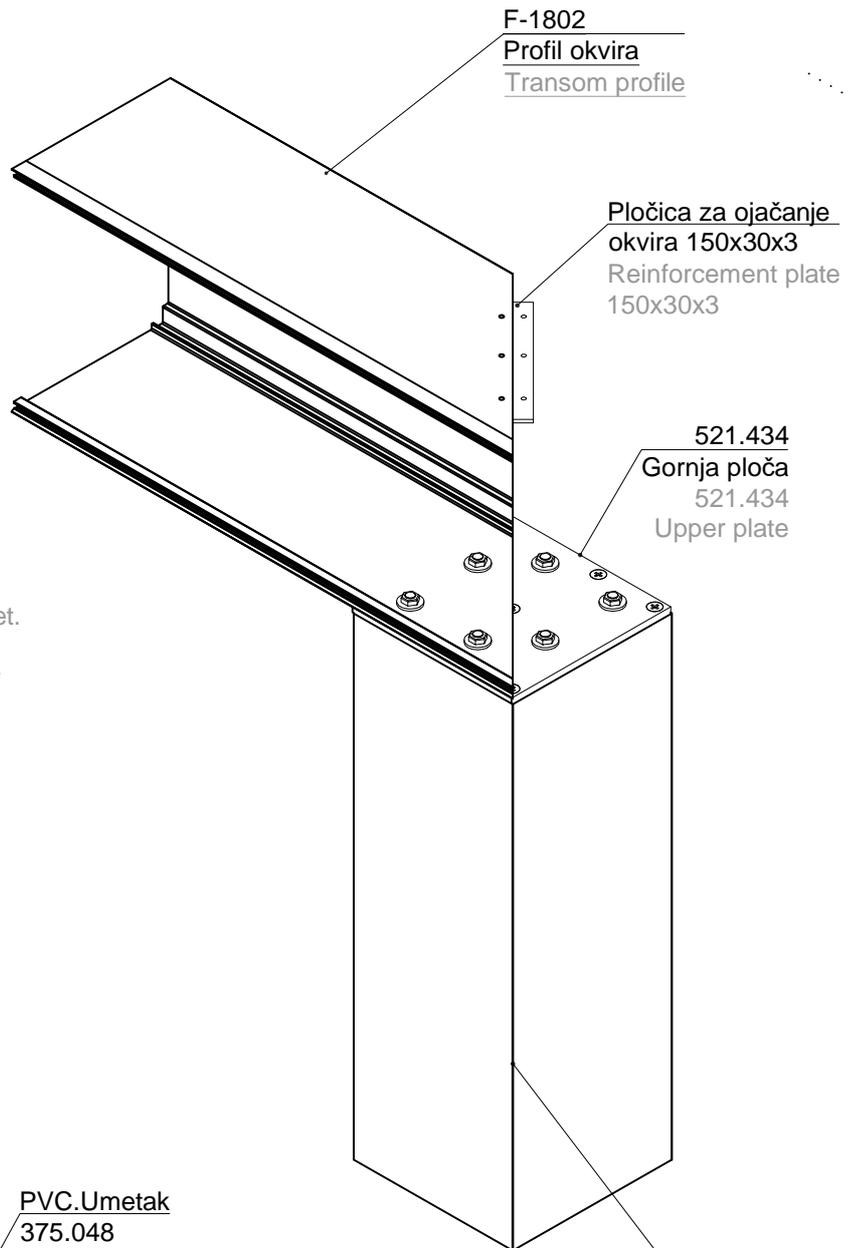
NAPOMENA:

Radi se iz razloga da bi se spriječilo smicanje na kutu okvira

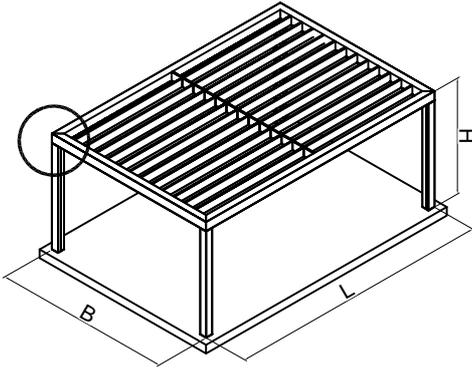
Reinforcement plate montage within transom profile, after that on above side tighten with rivet.

REMARK:

This is done for the purpose of preventing shear at the corner of the frame

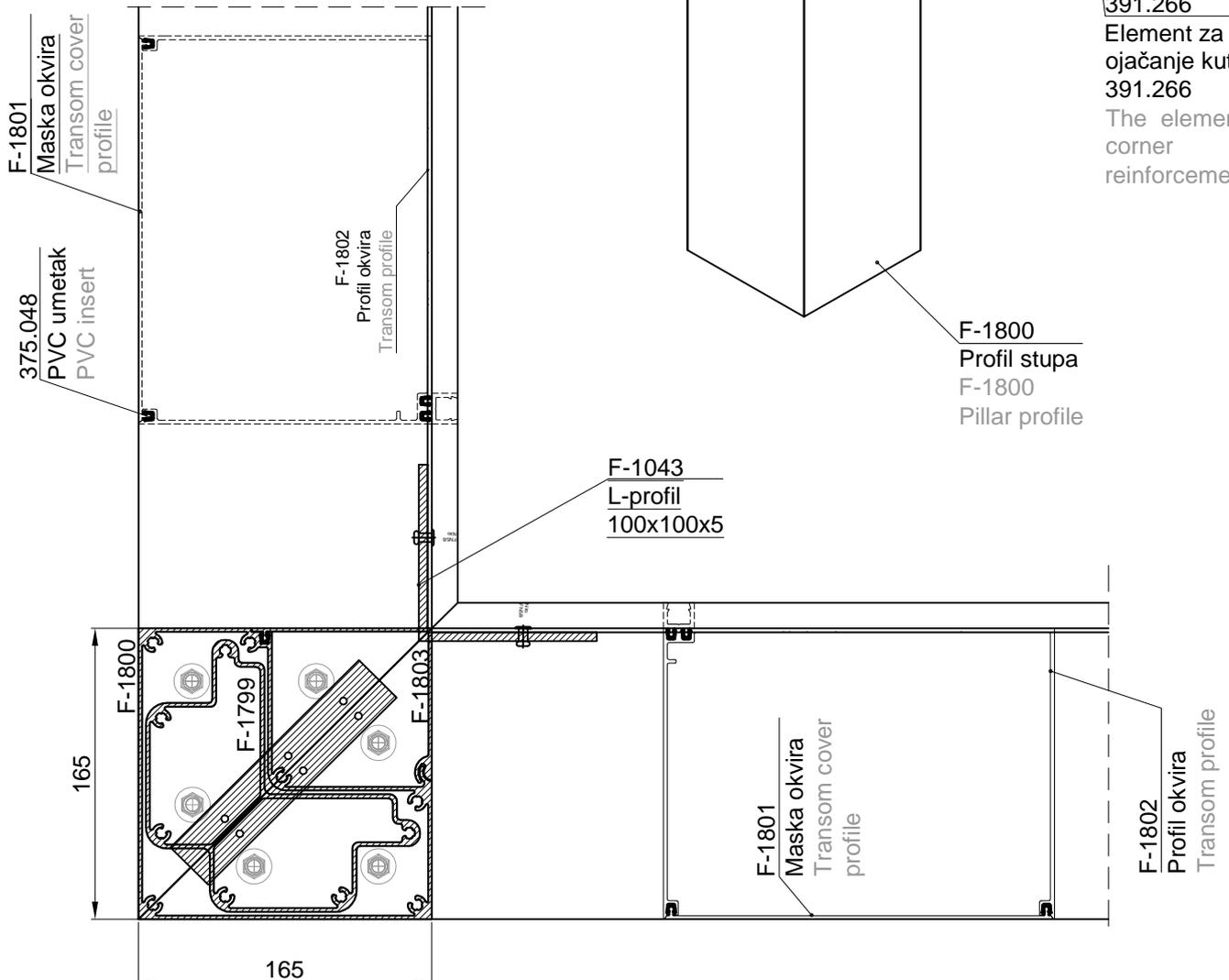
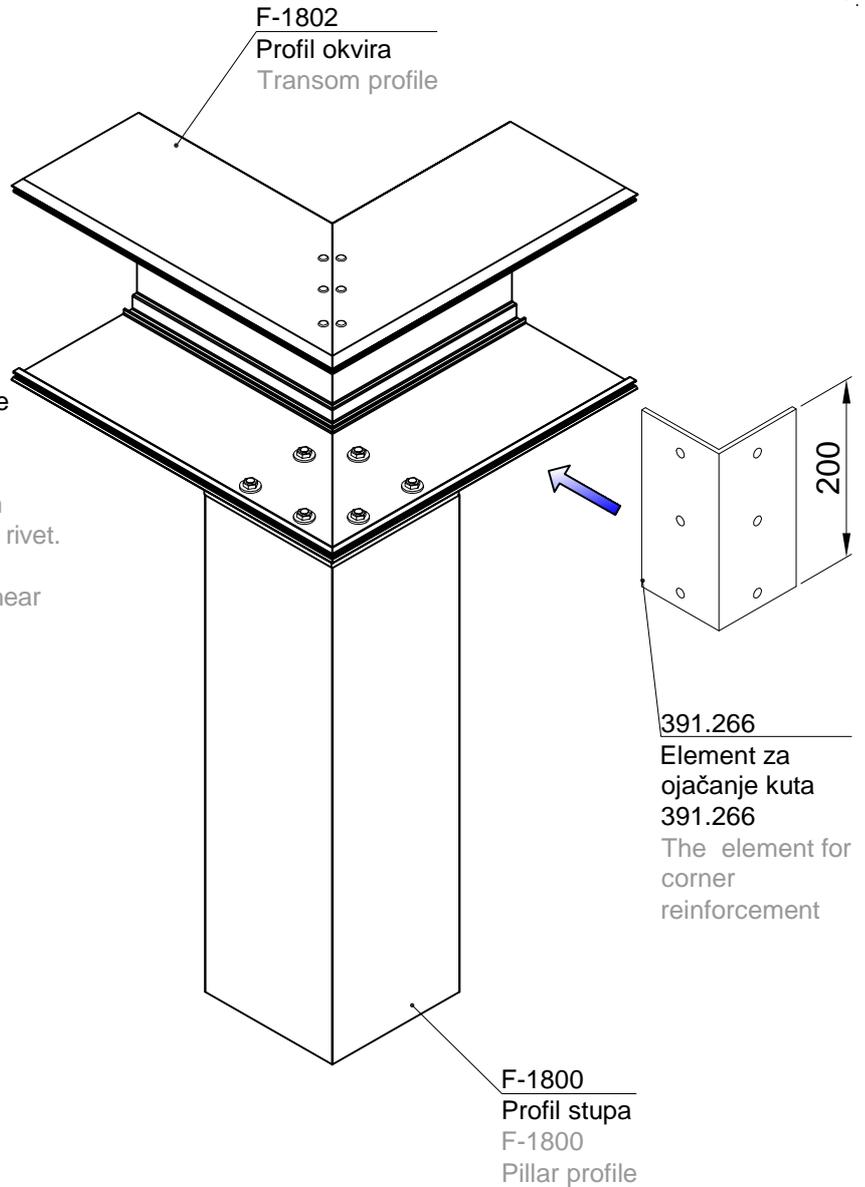


XXVI. Ojačanje kuta pergole
XXVI. Corner reinforcement of the pergola



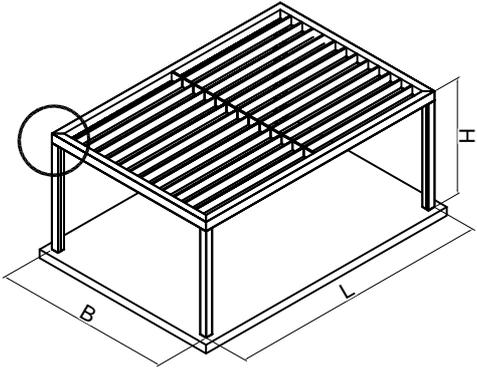
L-komad montirati na unutarnji kut
zatim pričvrstiti nitnama
NAPOMENA:
Radi se iz razloga da bi se spriječilo smicanje
na kutu okvira

Reinforcement plate montage within transom
profile, after that on above side tighten with rivet.
REMARK:
This is done for the purpose of preventing shear
at the corner of the frame



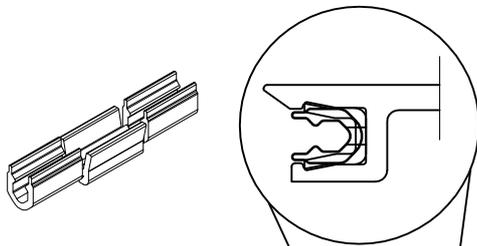
391.266
Element za
ojačanje kuta
391.266
The element for
corner
reinforcement

XXVII. Montaža gotovog elementa kuta-maski okvira XXVII. Montage of the finished corner element



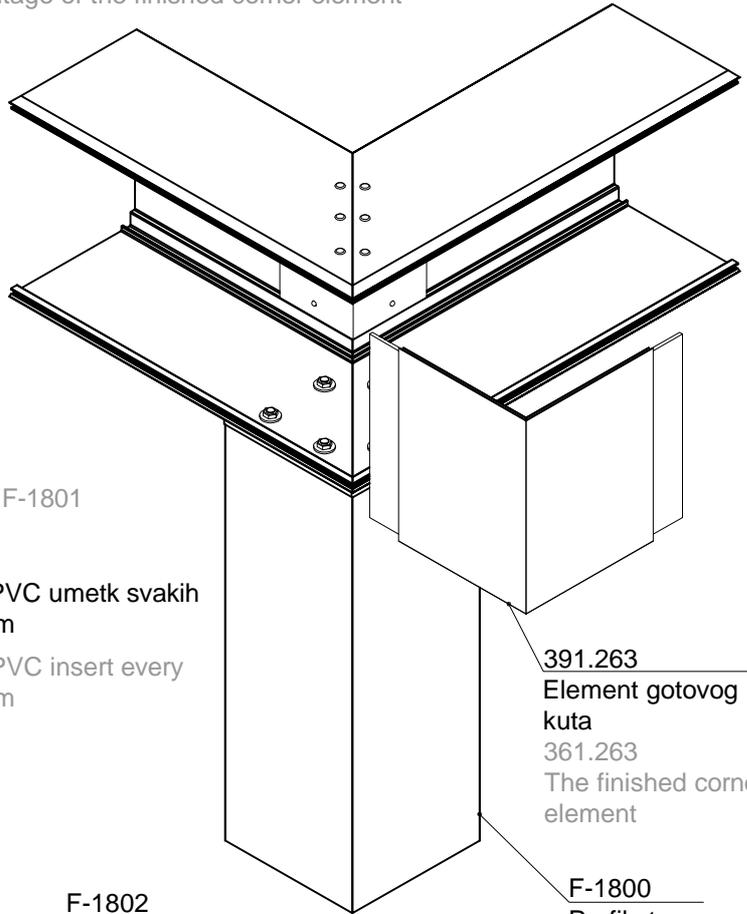
Element gotovog kuta montirati na spoj kuta
zatim montirati ostatak profila maske F-1801

Montage the finished corner element on
corner join then montage transom cover profile F-1801



Montirati PVC umetk svakih
cca 500mm

Montage PVC insert every
cca 500mm



391.263

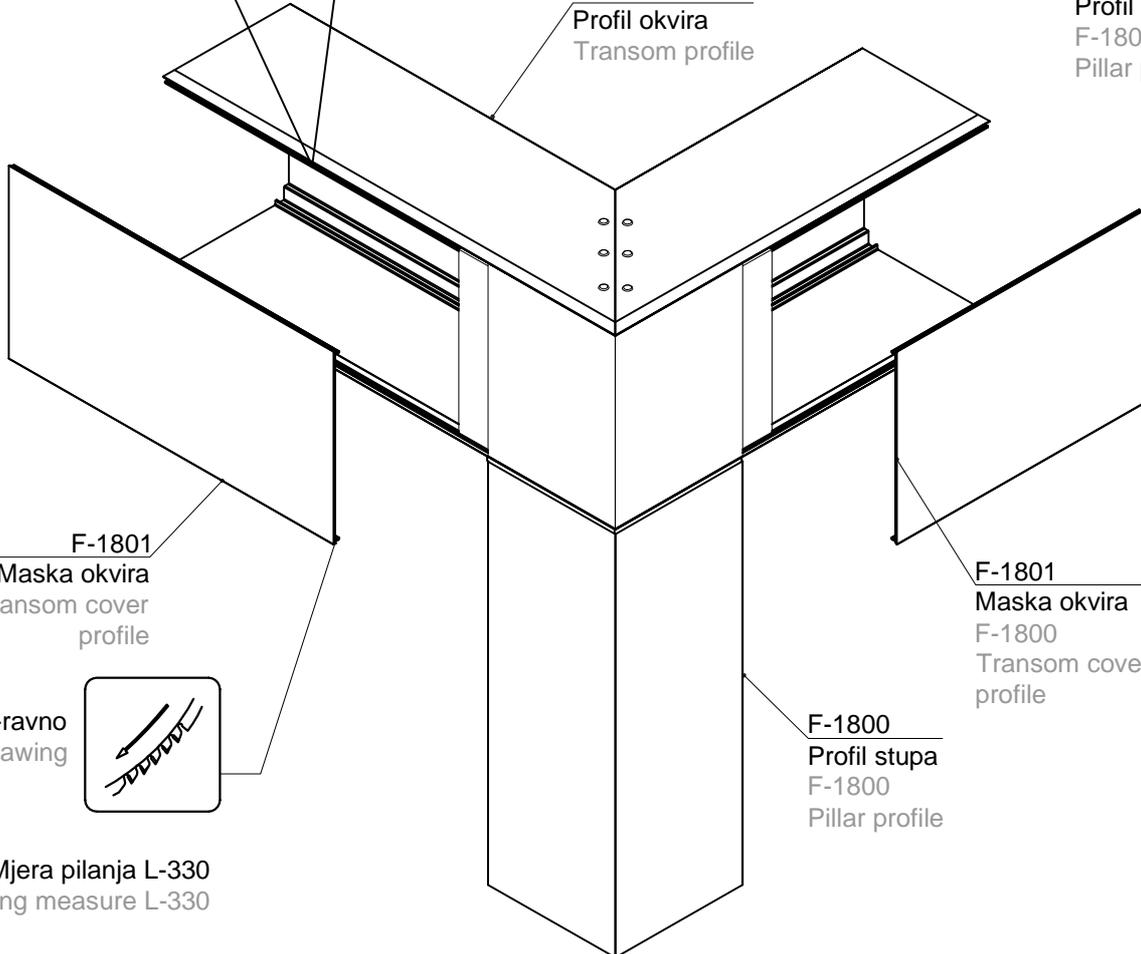
Element gotovog
kuta
361.263
The finished corner
element

F-1800

Profil stupa
F-1800
Pillar profile

F-1802

Profil okvira
Transom profile



F-1801

Maska okvira
Transom cover
profile

F-1801

Maska okvira
F-1800
Transom cover
profile

F-1800

Profil stupa
F-1800
Pillar profile

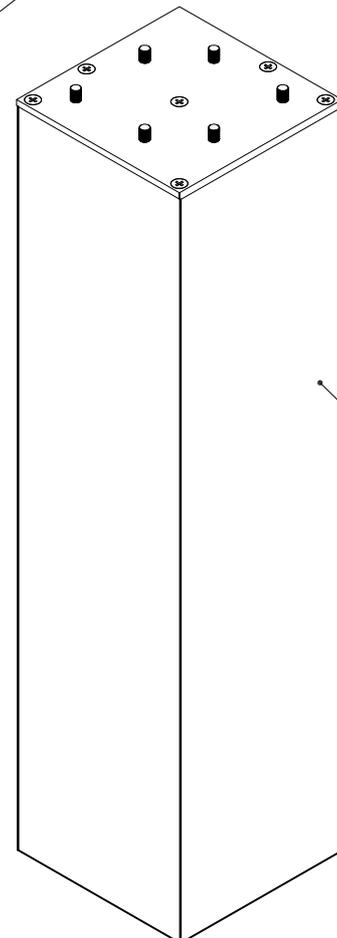
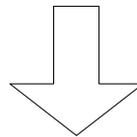
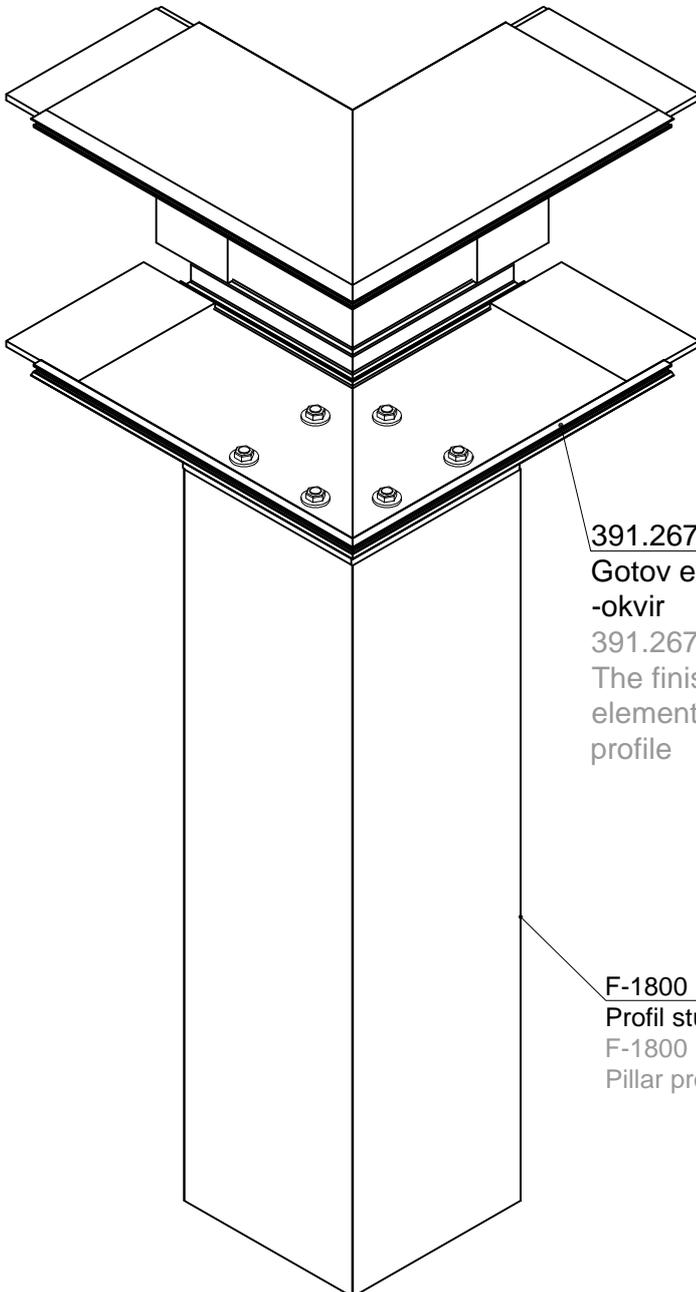
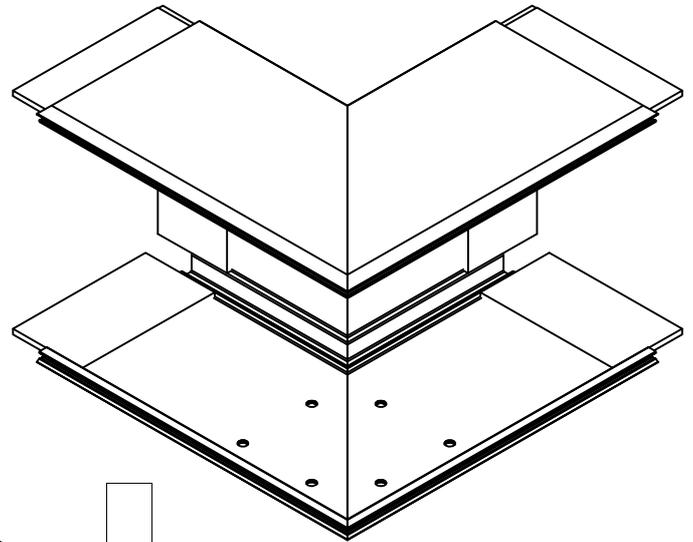
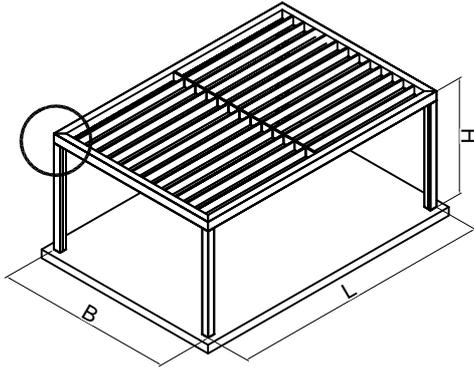
Pilanje-ravno
-Straight-Sawing



Mjera pilanja L-330
Sawing measure L-330

XXVIII. Montaža gotovog elementa kuta-okvir

XXVIII. Montage of the finished corner element-transom profile



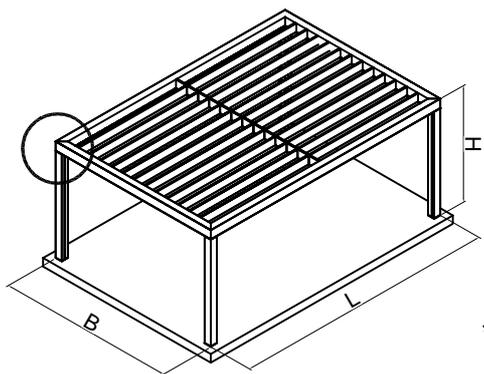
391.267
Gotov elemnt kuta
-okvir
391.267
The finished corner
element-transom
profile

F-1800
Profil stupa
F-1800
Pillar profile

F-1800
Profil stupa
F-1800
Pillar profile

XXIX. Montaža okvira na gotov kut

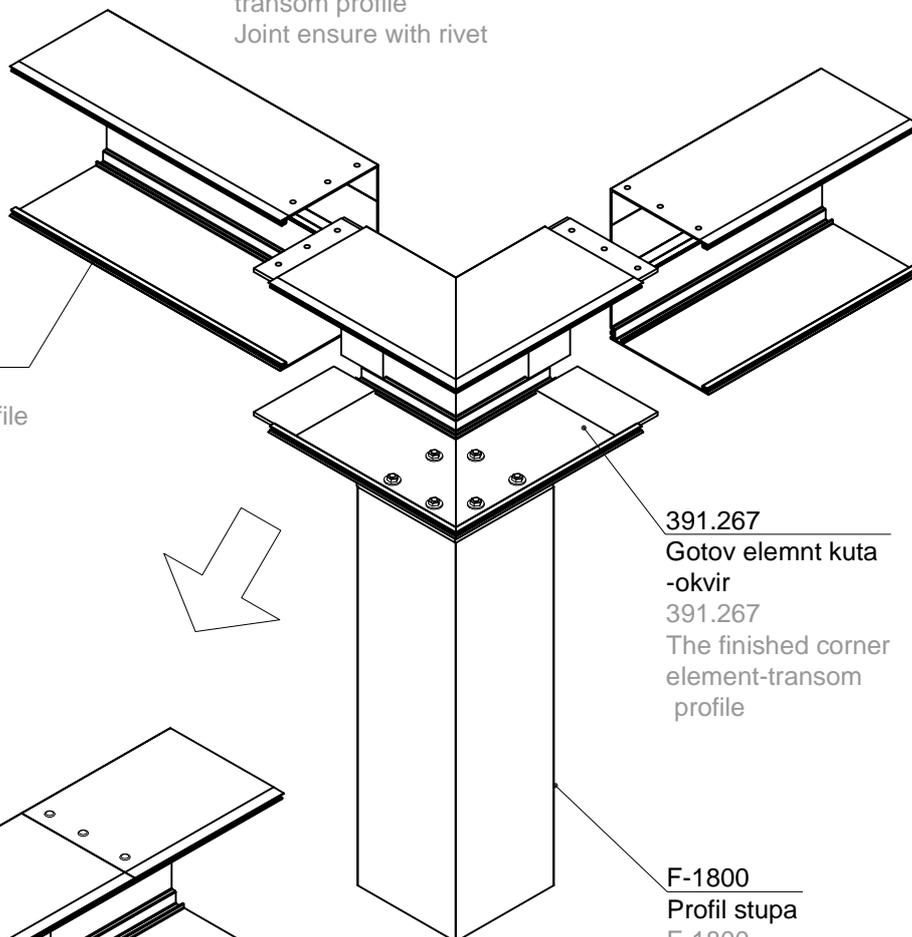
XXII. Montage of the transom profile on finished corner element



Nakon montaže gotovog elementa kuta
montrati ostatak okvira
Spoj osigurati nitnama

After montage the finished
corner element montaged
transom profile
Joint ensure with rivet

F-1802
Profil okvira
Transom profile



391.267
Gotov elemnt kuta
-okvir
391.267
The finished corner
element-transom
profile

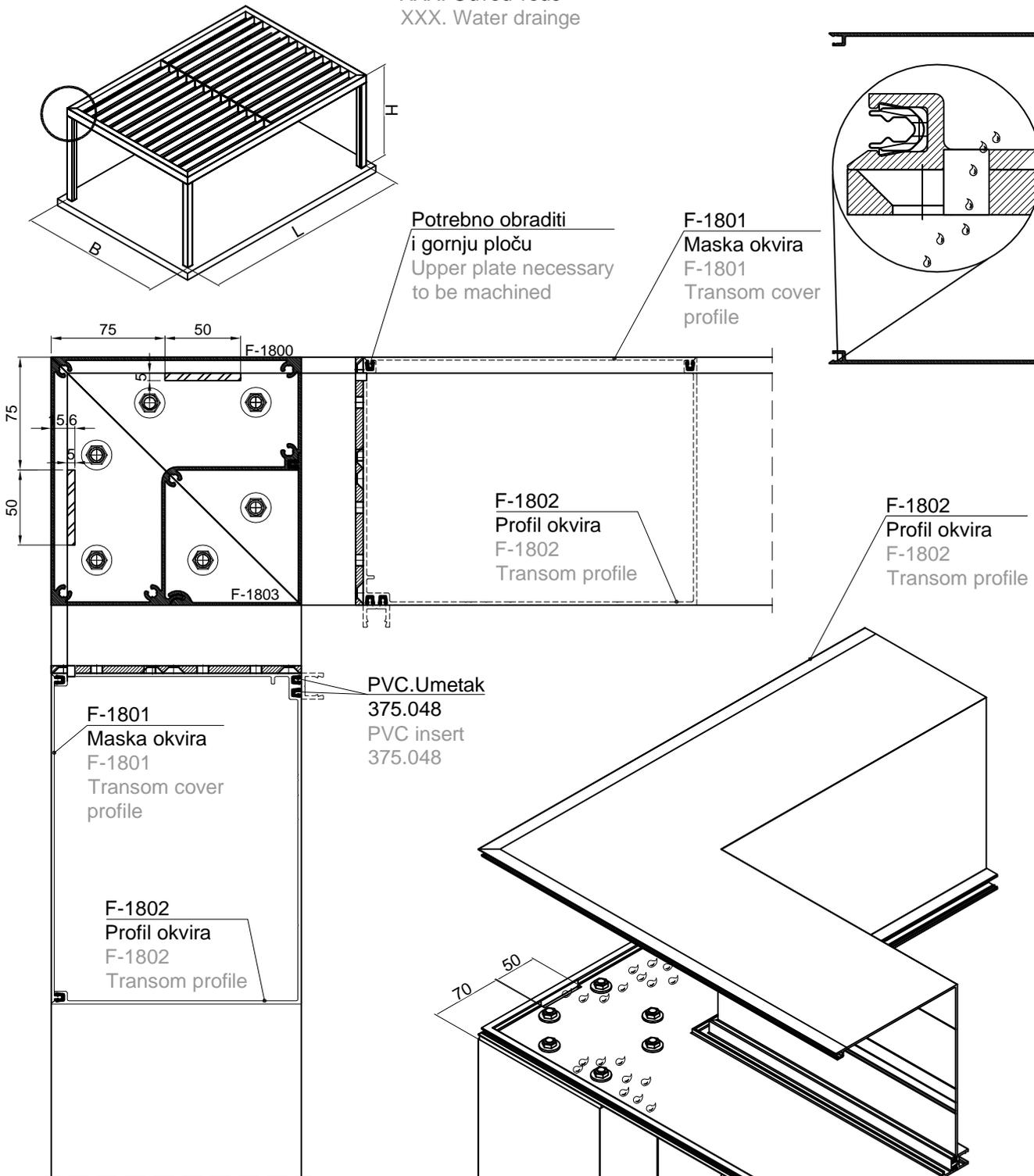
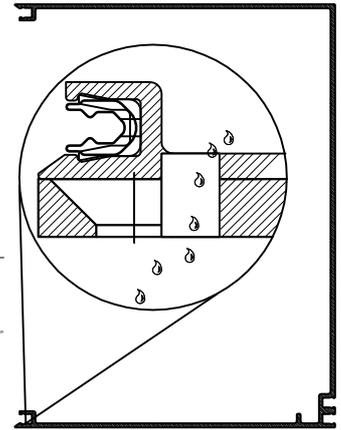
F-1800
Profil stupa
F-1800
Pillar profile

F-1802
Profil okvira
Transom profile

391.265
Element gotovog
kuta
361.265
The finished corner
element

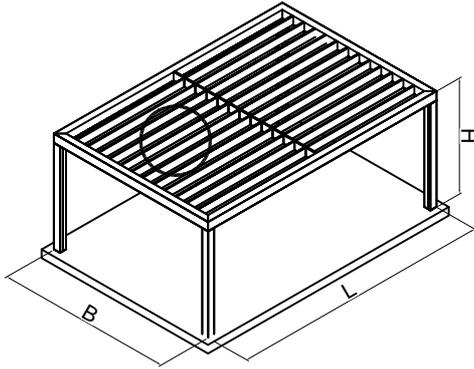
F-1800
Profil stupa
F-1800
Pillar profile

XXX. Odvod vode
XXX. Water drainage



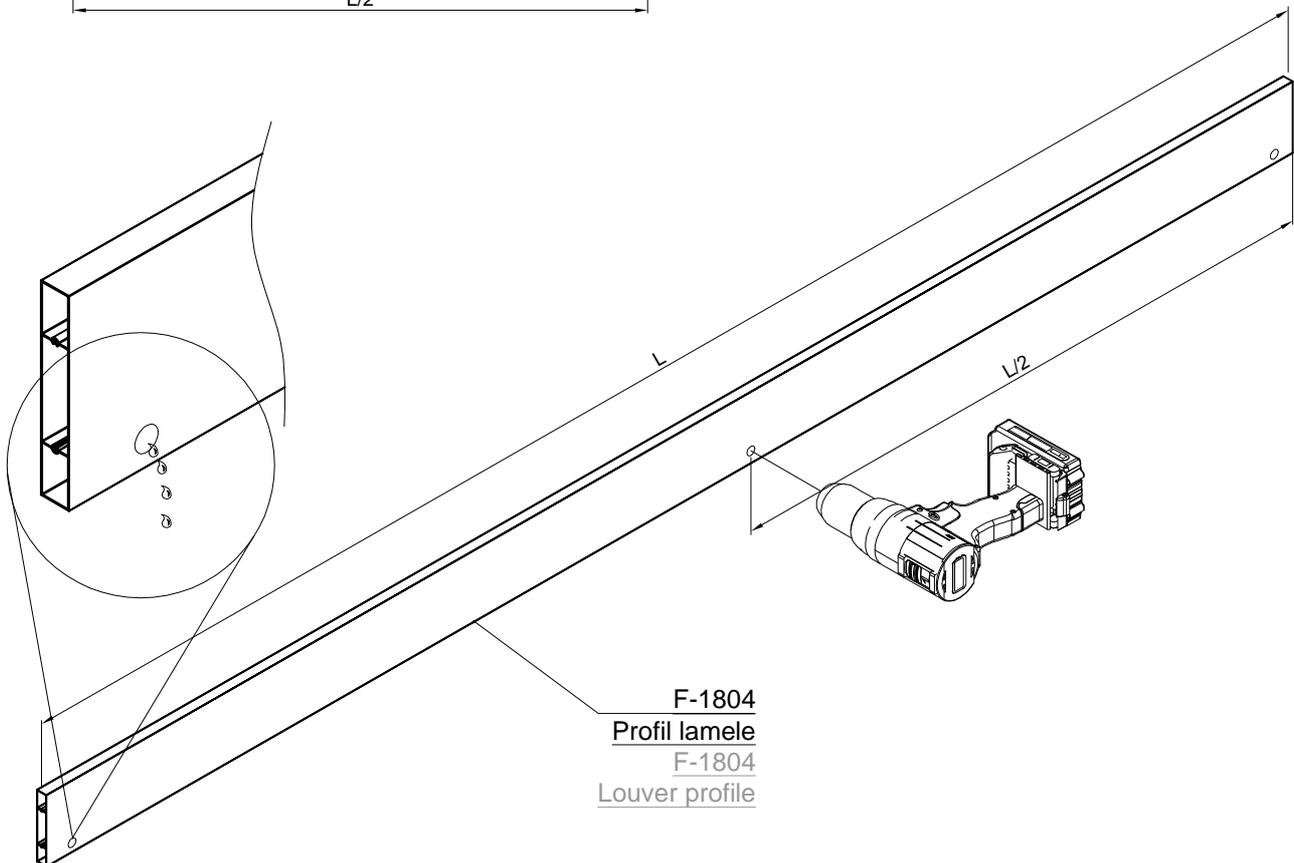
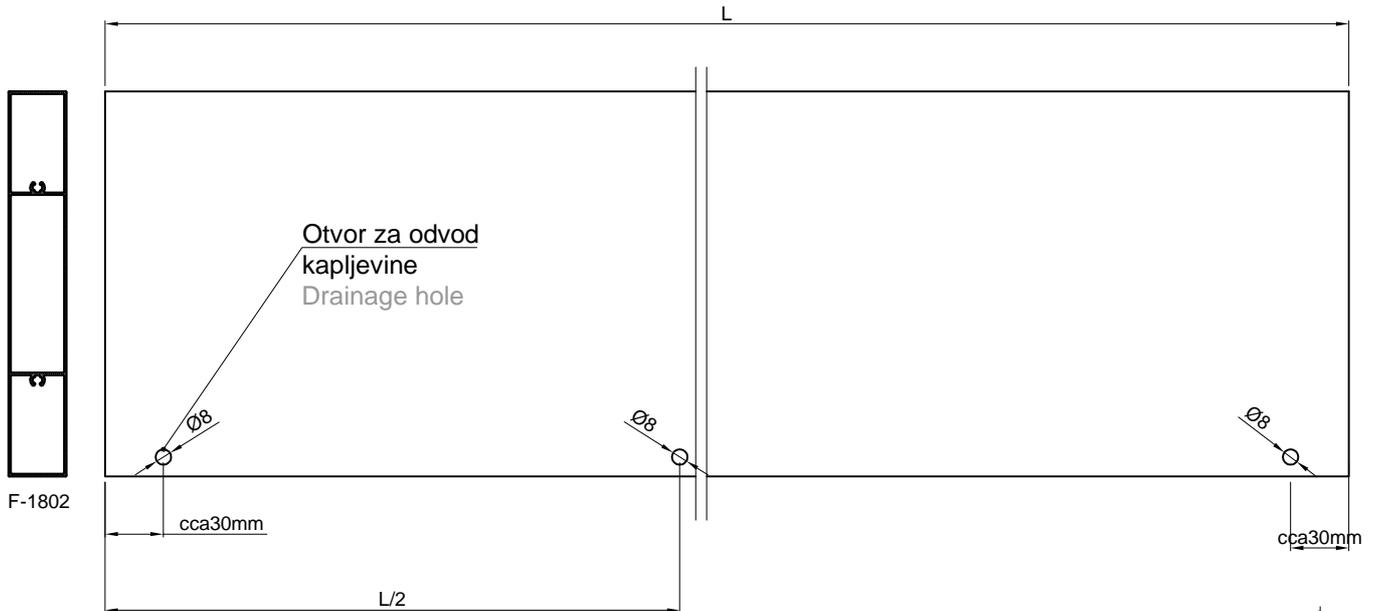
Odvod vode raditi na svakom kutu
prema crtežu
Processing drain hole on every corner
According to draw

XXXI. Odvodnja vode iz profila lamele F-1804 XXXI. Water drainage from lamellae profile F-1804



Potrebno obraditi otvor $\varnothing 8$ za odvod kapljevina iz profila lamele.
Otvore raditi prema crtežu

It is necessary to process the drain hole $\varnothing 8$ drainage water from the lamella profile.
Processing according to drawing



F-1804
Profil lamele
F-1804
Louver profile

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FIKSNE PERGOLE

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