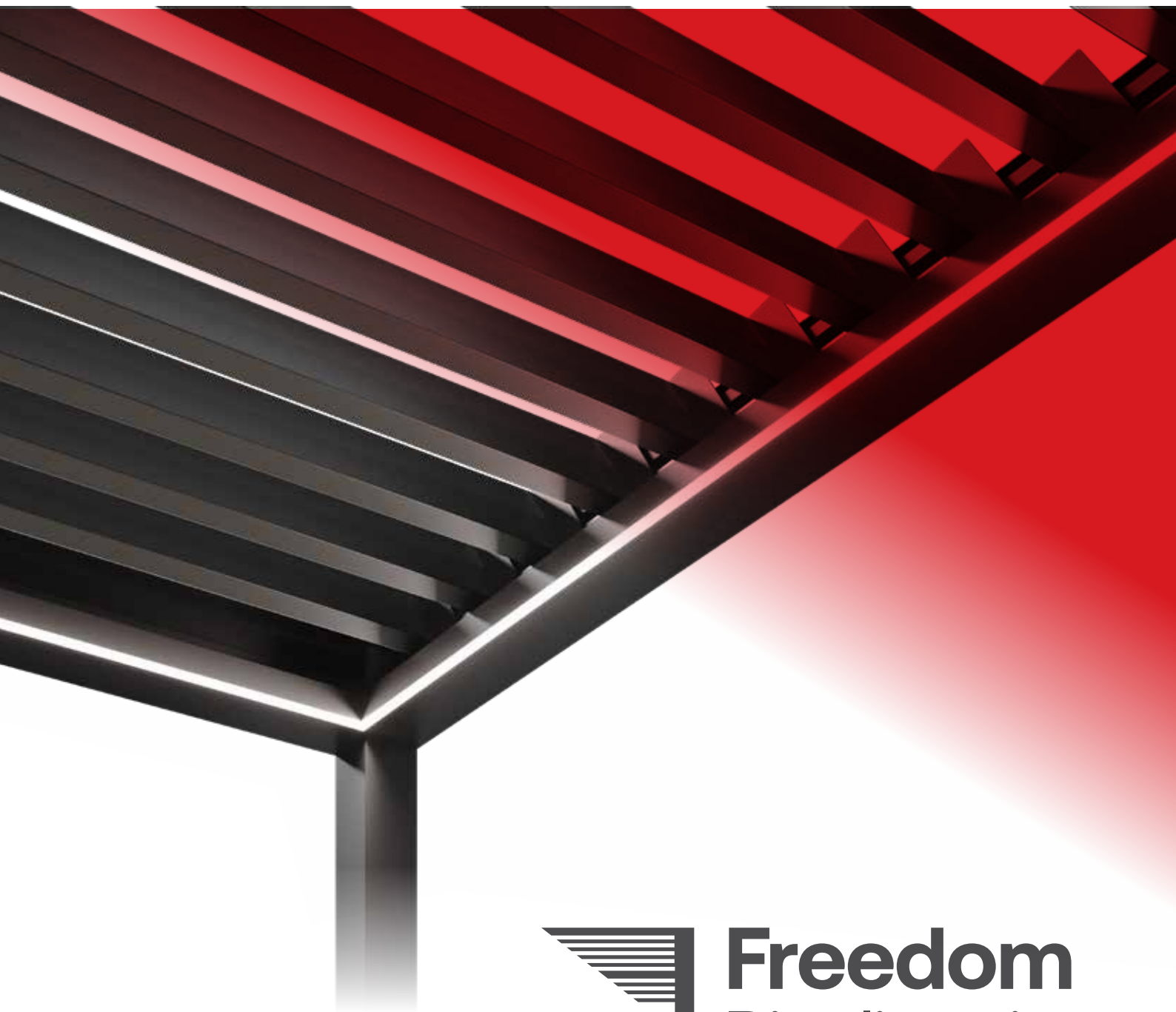


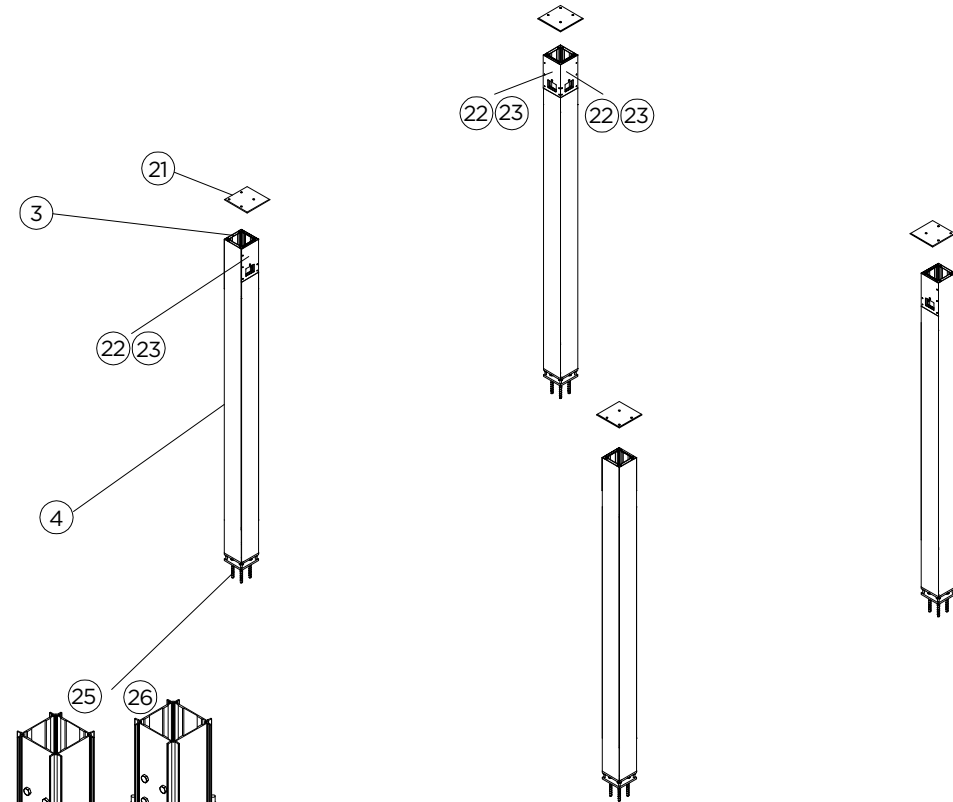
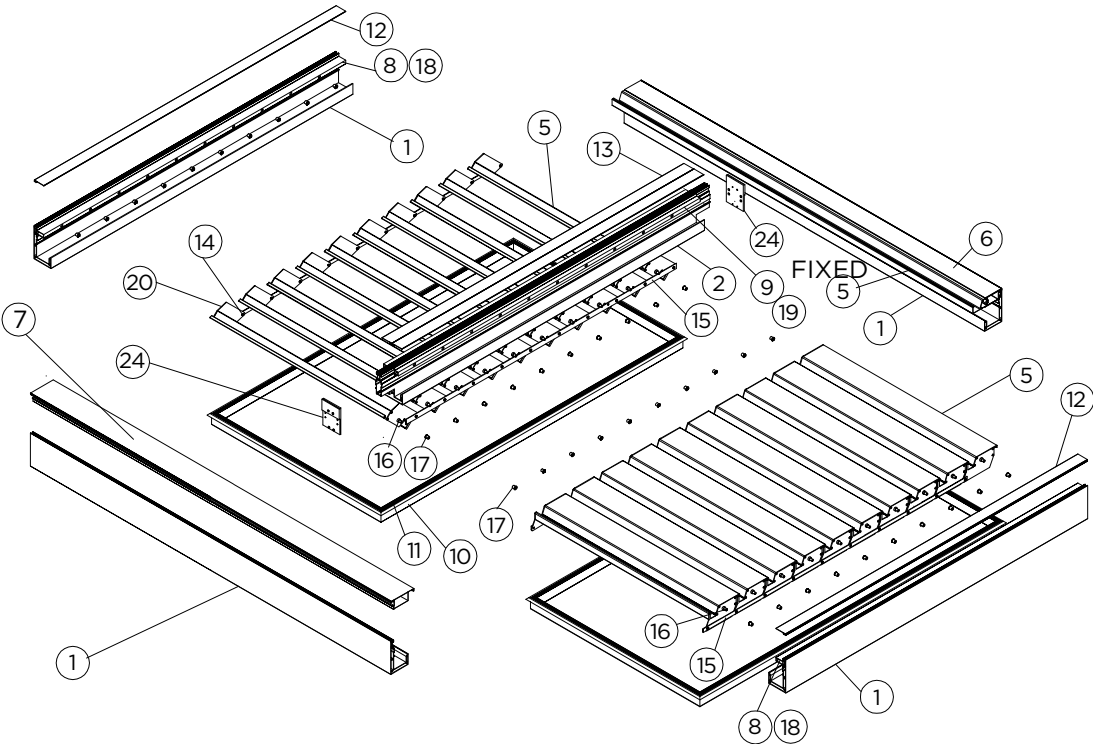


INSTALLATION GUIDE



Freedom Bioclimatic Pergola

ΛΙΣΤΑ ΥΛΙΚΩΝ / PARTS LIST



STANDARD
FOOTPLATE
(APS20-1211)

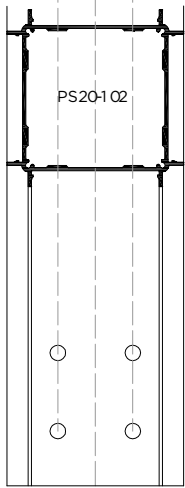
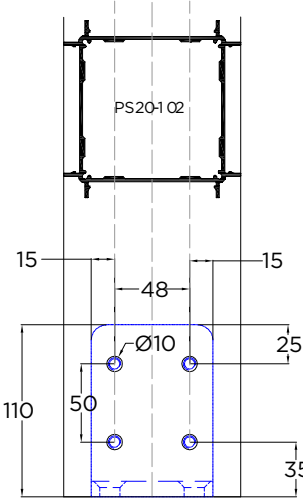
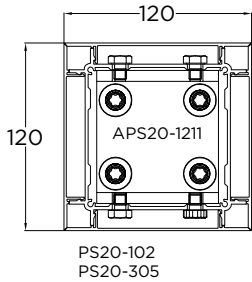
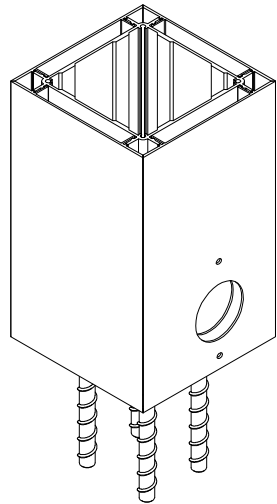
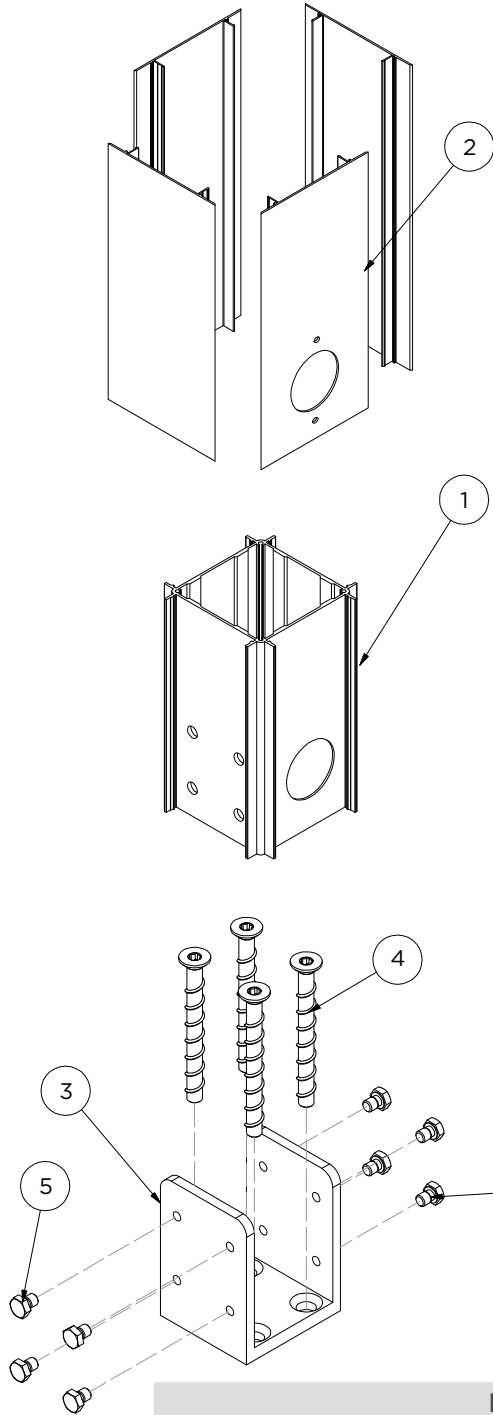
ADJUSTABLE
FOOTPLATE
(APS20-1212)

ITEM	PAR NUMBER	DESCRIPTION	MATERIAL
1	PS20-100	Transom Profile	ALUMINUM 6063-T66
2	PS20-101	T-Profile	ALUMINUM 6063-T66
3	PS20-102	Post Profile	ALUMINUM 6063-T66
4	PS20-305	Post Cover Profile	ALUMINUM 6060-T66
5	PS20-200	Louver Profile	ALUMINUM 6060-T66
6	PS20-300	Extension Profile to Fixed Louver	ALUMINUM 6060-T66
7	PS20-301	Extension Profile	ALUMINUM 6060-T66
8	PS20-310 / PAT49-414	Transom Louver Guiderail Profile	ALUMINUM 6060-T66
9	PS20-303	T-Profile Louver Guiderail Profile	ALUMINUM 6060-T66
10	PS20-315	LED Clipping Profile	ALUMINUM 6060-T66
11	PS20-315	LED Clipping Profile	ALUMINUM 6060-T66
12	PS20-306	Transom Cover Profile	ALUMINUM 6060-T66
13	PS20-307	T-Profile Cover Profile	ALUMINUM 6060-T66
14	APS20-1201	Louver-Motion Blade Connection Pin	INOX 316
15	APS20-1501	Motion Blade	ALUMINUM 6060-T66
16	APS20-1202	Push Pin & Fixed Pin (SET)	BRASS
17	APS20-1203	PINS Bush	BRASS
18	APS20-1502 / 1504	PS20-310 / PAT49-414 Louver Guide Rail	ALUMINUM 6060-T66
19	APS20-1503	PS20-303 Louver Guide Rail	ALUMINUM 6060-T66
20	APS20-1101	Louver Side Covers (SET)	ALUMINUM 6060-T66
21	APS20-1103	Post Cover	ALUMINUM 6060-T66
22	APS20-1206	Transom Corner Hangers (SET)	ALUMINUM 6063-T66
23	APS20-1207	Post Corner Hangers (SET)	ALUMINUM 6063-T66
24	APS20-1210	T-Profile Transom Hanger	ALUMINUM 6063-T66
25	APS20-1211	Standard Footplate	GALVANIZED STEEL
26	APS20-1212	Adjustable Footplate	GALVANIZED STEEL

1-A3

ΣΤΑΘΕΡΟ ΠΕΛΜΑ ΒΙΟΚΛΙΜΑΤΙΚΗΣ ΠΕΡΓΚΟΛΑΣ

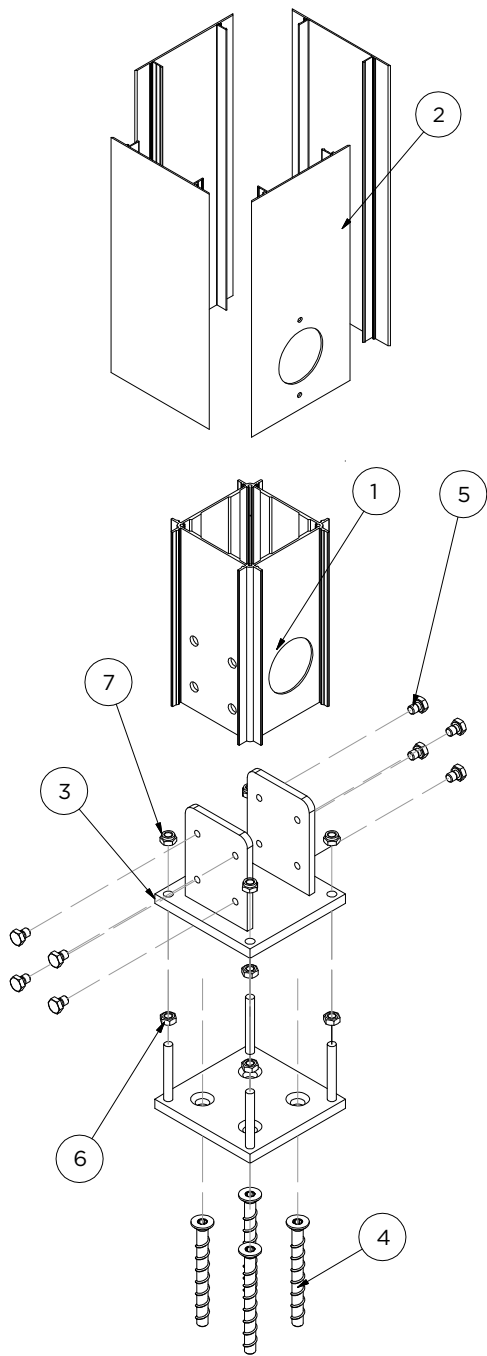
BIO-PERGOLA STANDARD FIXING FOOTPLATE



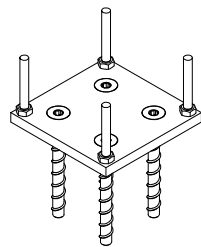
POST HOLES DRILLING FOR FIXING FOOTPLATE

PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	PS20-305	POST COVER	ALUMINUM 6060-T66
3	1	APS20-1211	BIO-PERGOLA FIX FOOTPLATE	GALVANIZED STEEL
4	4	EMB10-120G/2	COUNTERSUNK CONCRETE SCREW	GALVANIZED STEEL
5	8	DIN 933 - M8 x 10	Hex-Head Bolt	STAINLESS STEEL

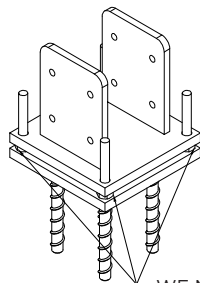
1-B3 ΡΥΘΜΙΖΟΜΕΝΟ ΠΕΛΜΑ ΒΙΟΚΛΙΜΑΤΙΚΗΣ ΠΕΡΓΚΟΛΑΣ
BIO-PERGOLA ADJUSTABLE FIXING FOOTPLATE



STEP-01

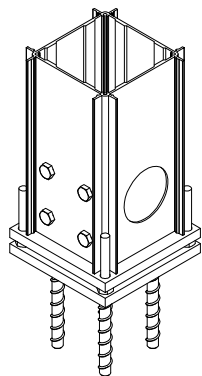


STEP-02

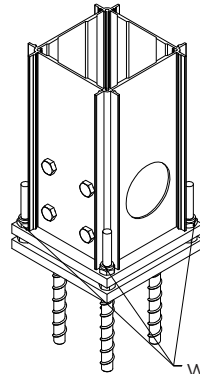


WE MAKE ALL (4) HEX-NUT
ADJUSTMENTS
FOR UPRIGHT
POST LEVEL UP TO
2CM.

STEP-03

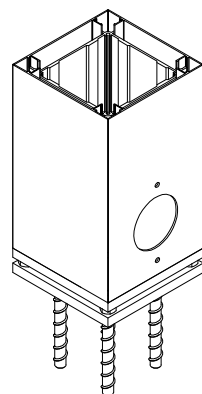


STEP-04



WE TIGHT
ALL (4) HEX-LOCK
NUTS
FOR
UPRIGHT POST

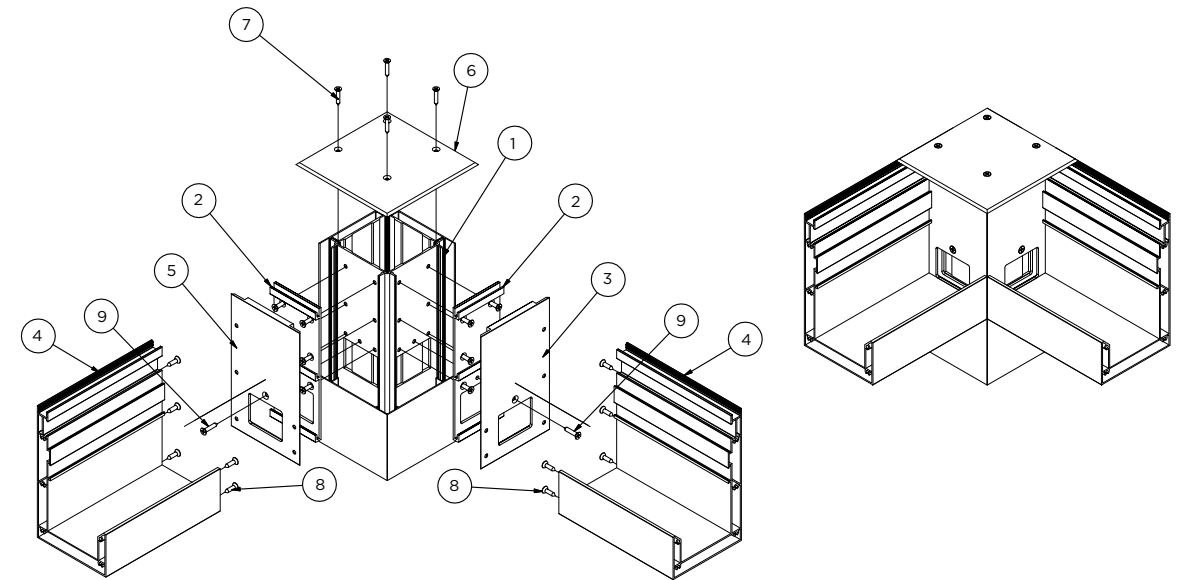
STEP-05



PARTS LIST

ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	PS20-305	POST COVER	ALUMINUM 6060-T66
3	1	APS20-1212	BIO-PERGOLA ADJUSTABLE FOOTPLATE	GALVANIZED STEEL
4	4	EMB10-120G/2	COUNTERSUNK CONCRETE SCREW	GALVANIZED STEEL
5	8	DIN 933 - M8 x 10	Hex-Head Bolt	STAINLESS STEEL
6	8	DIN 934 - M8	Hex-Nut	STAINLESS STEEL
7	8	DIN 985 - M8	Hex-Lock Nut	STAINLESS STEEL

ΣΥΝΔΕΣΗ ΚΟΛΩΝΑΣ ΜΕ ΤΡΑΒΕΡΣΑ
POST - TRANSOM FIXATION

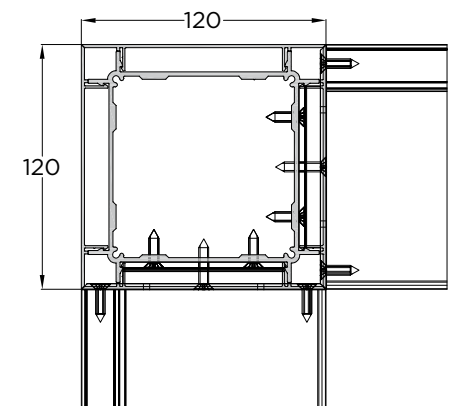
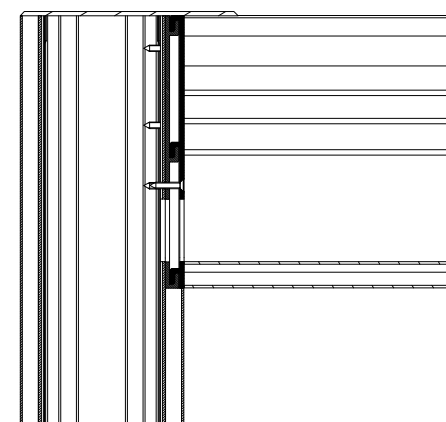
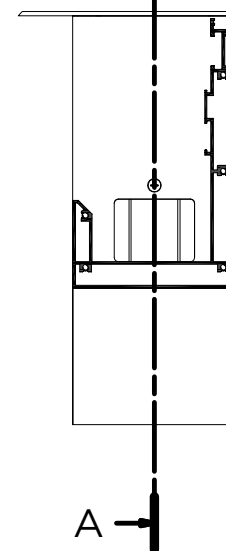


PARTS LIST

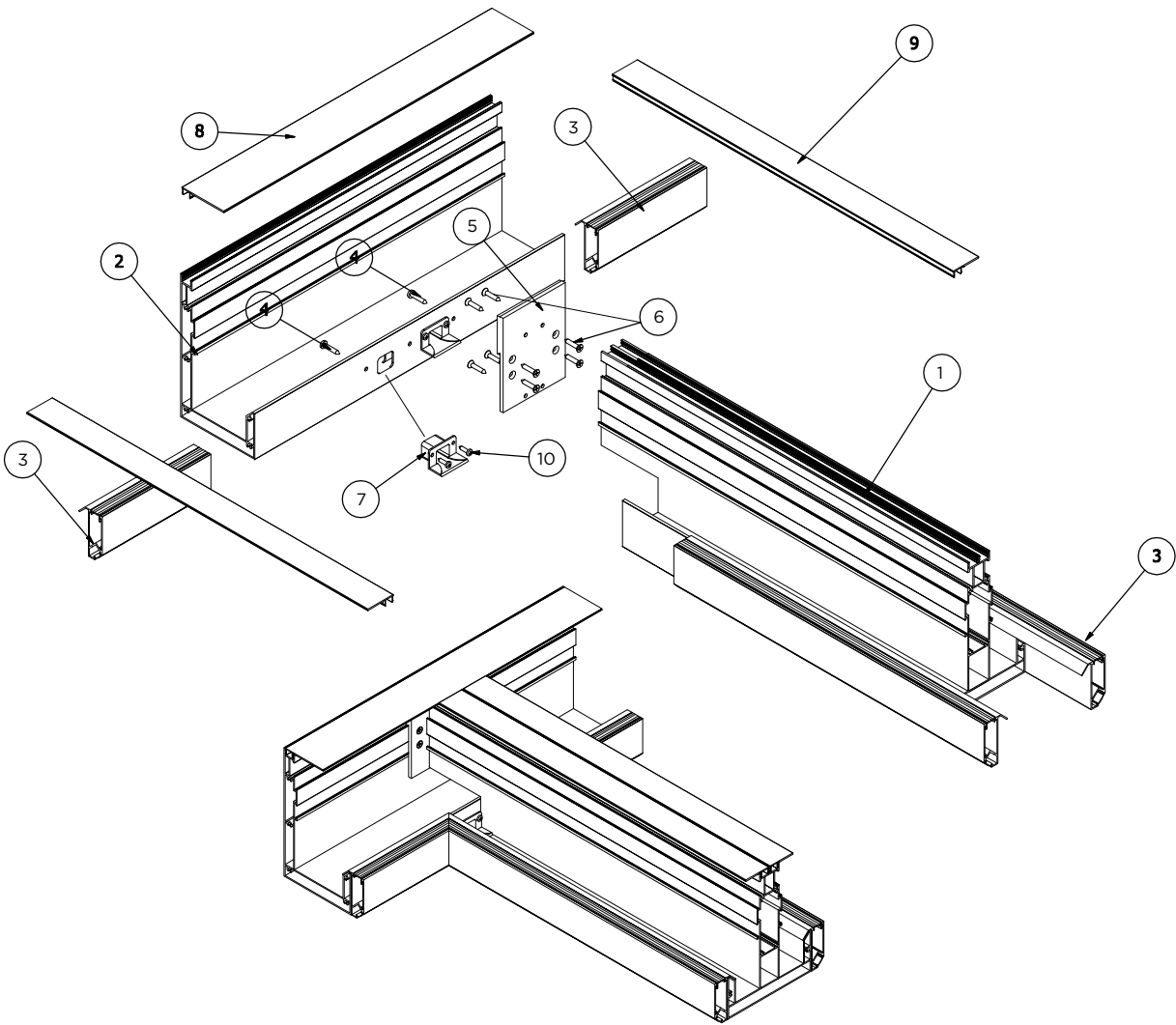
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	2	APS20-1207	BIO-Hanger ONTO POST PS20-102	ALUMINUM 6063-T66
3	1	APS20-1206 (PAIR L/R)	BIO-Hanger ONTO TRANSOM PS20-100	ALUMINUM 6063-T66
4	2	PS20-100	Transom	ALUMINUM 6063-T66
5	1	APS20-1206 (PAIR L/R)	BIO-Hanger ONTO TRANSOM PS20-100	ALUMINUM 6063-T66
6	1	APS20-1103	Post Cover	ALUMINUM 6060-T66
7	4	DIN 7982-C 4.2x19	(Sheetmetal) Tapping Screw	STAINLESS STEEL
8	22	DIN 7982-C 4.8x19	(Sheetmetal) Tapping Screw	STAINLESS STEEL
9	2	DIN 7982-C - ST4.8x22	(Sheetmetal) Tapping Screw	STAINLESS STEEL

A

SECTION VIEW A-A

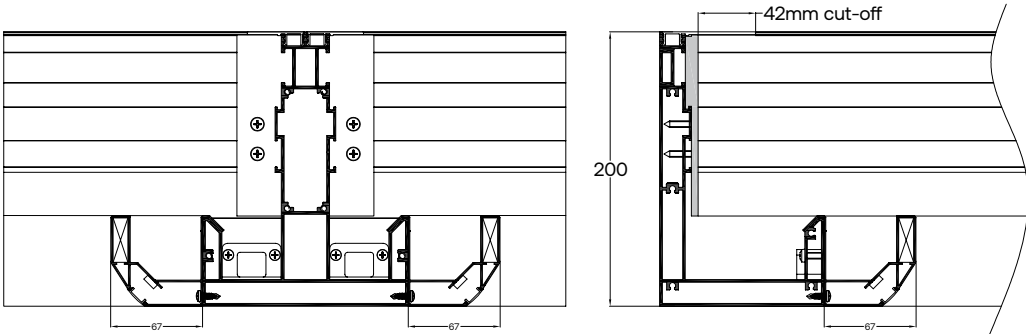


ΣΥΝΔΕΣΗ ΤΡΑΒΕΡΣΑ ΜΕ ΤΑΥ-01
TAY/T-PROFILE - TRANSOM FIXATION

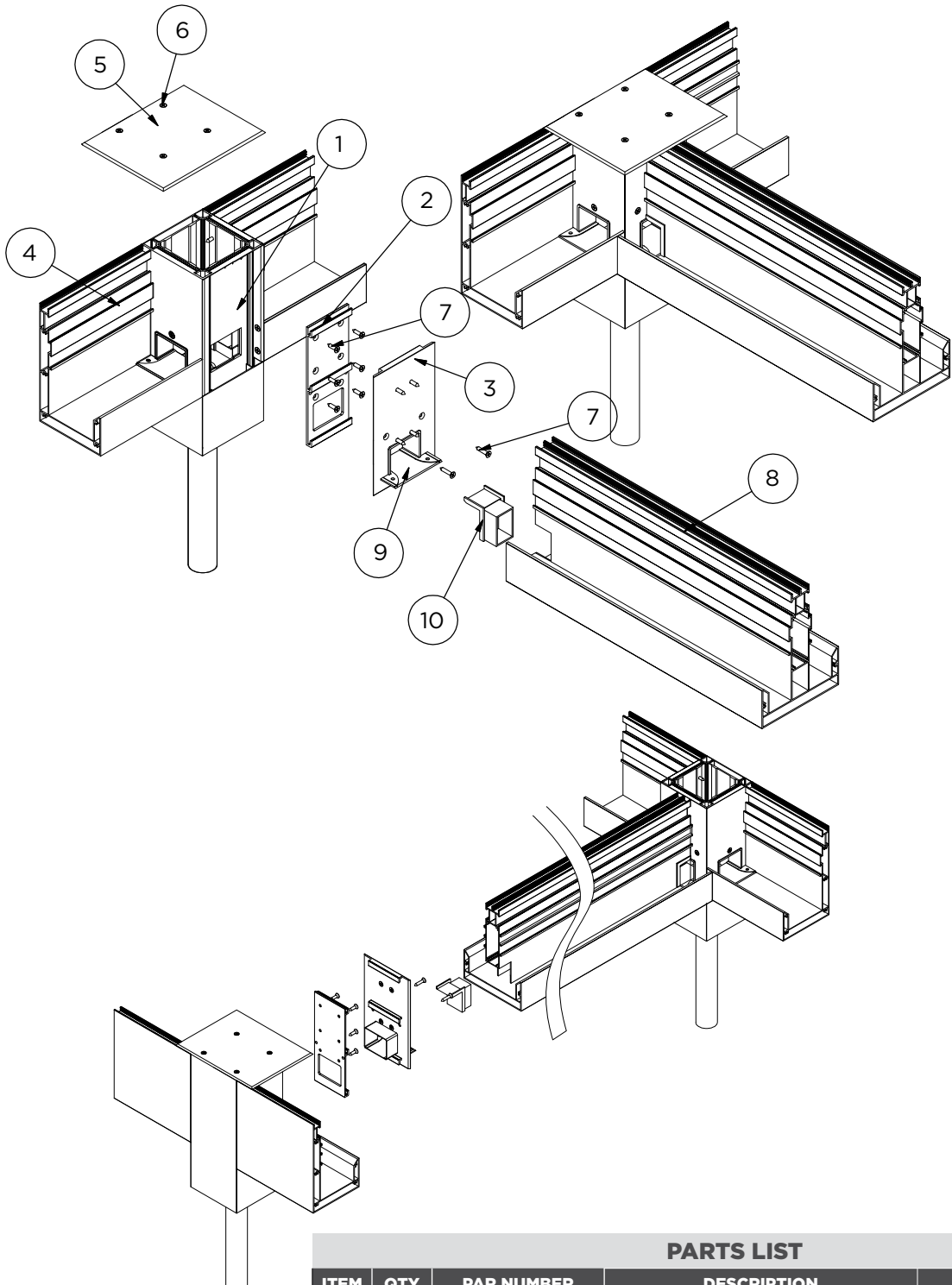


PARTS LIST

ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-101	T-Profile	ALUMINUM 6063-T66
2	1	PS20-100	Transom Profile	ALUMINUM 6063-T66
3	4	PS20-304	Transom & T-Profile Clipping Profile	ALUMINUM 6060-T66
4	2	DIN 6928-4.8x25	Sheetmetal Screw	STAINLESS STEEL
5	1	APS20-1210	T-Profile Hanger	ALUMINUM 6063-T66
6	8	DIN 7982-C 4.8x25	Sheetmetal Screw	STAINLESS STEEL
7	2	APS20-1307	T-Profile Plastic Water Drainage	PLASTIC
8	1	PS20-306	Transom Cover Profile	ALUMINUM 6060-T66
9	2	PS20-307	T-Profile Cover Profile	ALUMINUM 6060-T66
10	4	DIN 7981- 4.2x16	Sheetmetal Screw	STAINLESS STEEL



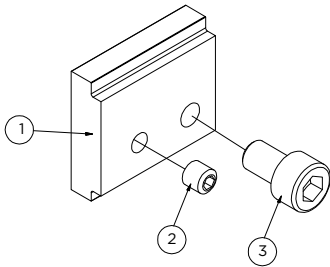
ΣΥΝΔΕΣΗ ΚΟΛΩΝΑΣ ΜΕ ΤΑΥ
POST - TAY/T-PROFILE FIXATION



PARTS LIST

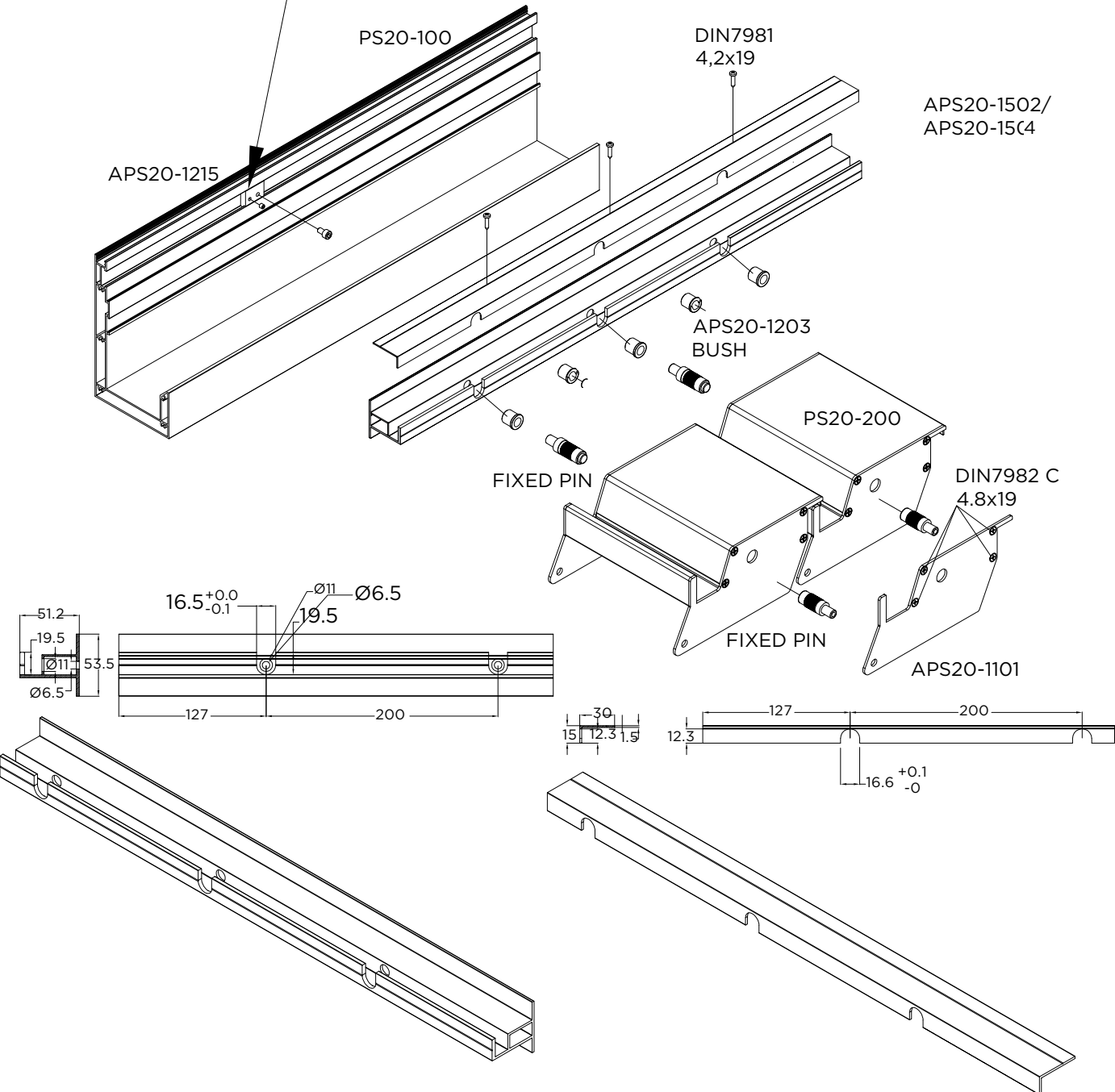
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	APS20-1209	T-Profile Hanger ONTO the Post	ALUMINUM 6063-T66
3	1	APS20-1208	T-Profile Hanger ONTO the T-Profile	ALUMINUM 6063-T66
4	1	PS20-100	Transom	ALUMINUM 6063-T66
5	1	APS20-1104	T-Profile - Post Top Cover	ALUMINUM 6060-T66
6	4	DIN 7982-C 4.2x19	Sheetmetal Screw	STAINLESS STEEL
7	42	DIN 7982-C 4.8x19	Sheetmetal Screw	STAINLESS STEEL
8	1	PS20-101	T-Profile	ALUMINUM 6063-T66
9	1	APS20-1308	Plastic Water Drainage Shim	PLASTIC
10	1	APS20-1306	T-Profile Plastic Cover	PLASTIC

ΠΛΑΚΑ ΠΡΟΣΔΕΣΗΣ APS20-1215
FIXING PLATE APS20-1215

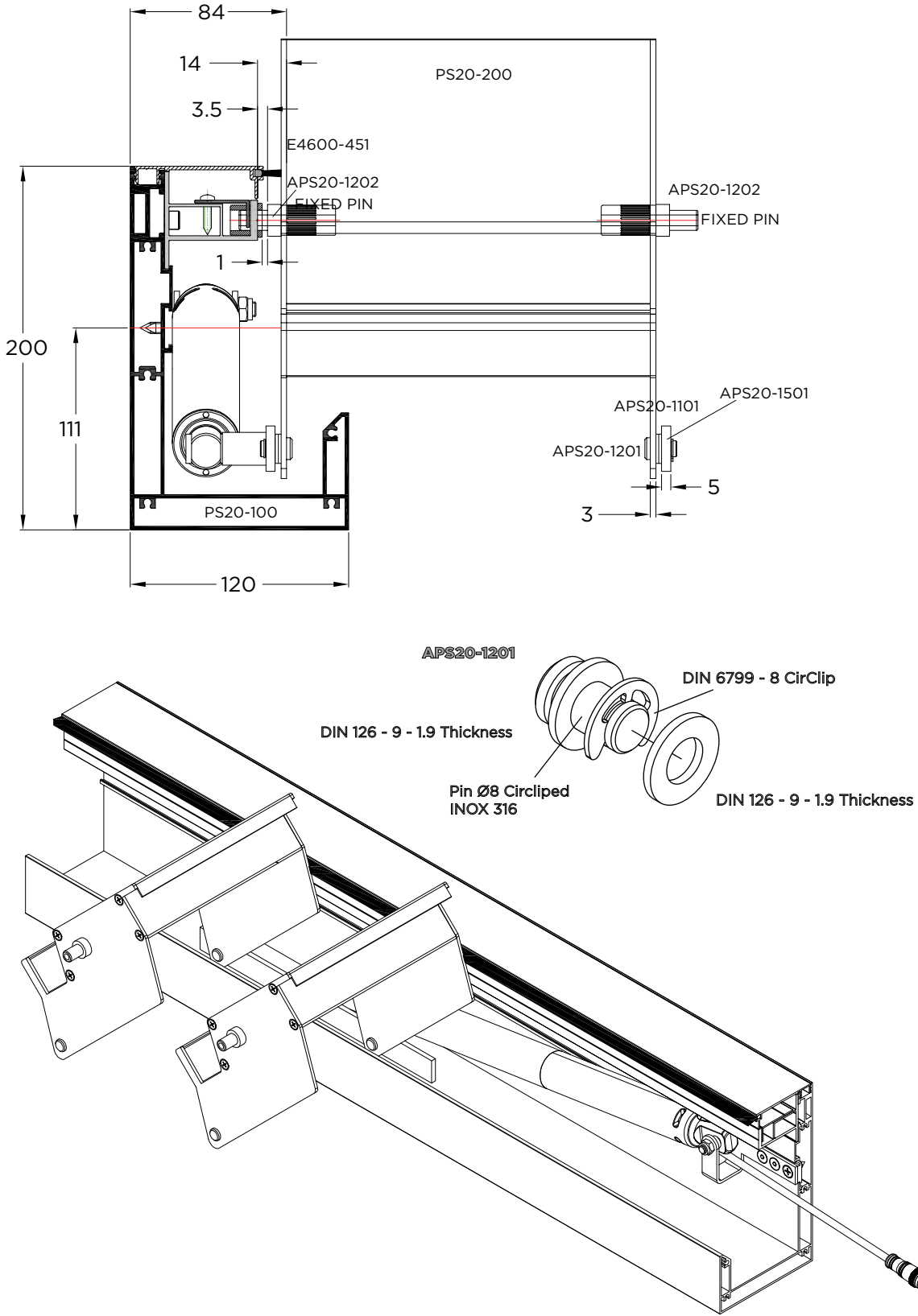


PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	APS20-1215	FIXING PLATE	ALUMINUM 6060-T66
2	1	DIN 913 - M5 x 5	Hexagon Socket Set Screw	STAINLESS STEEL
3	1	DIN 912 - M6 x 10	Cylinder Head Cap Screw	STAINLESS STEEL

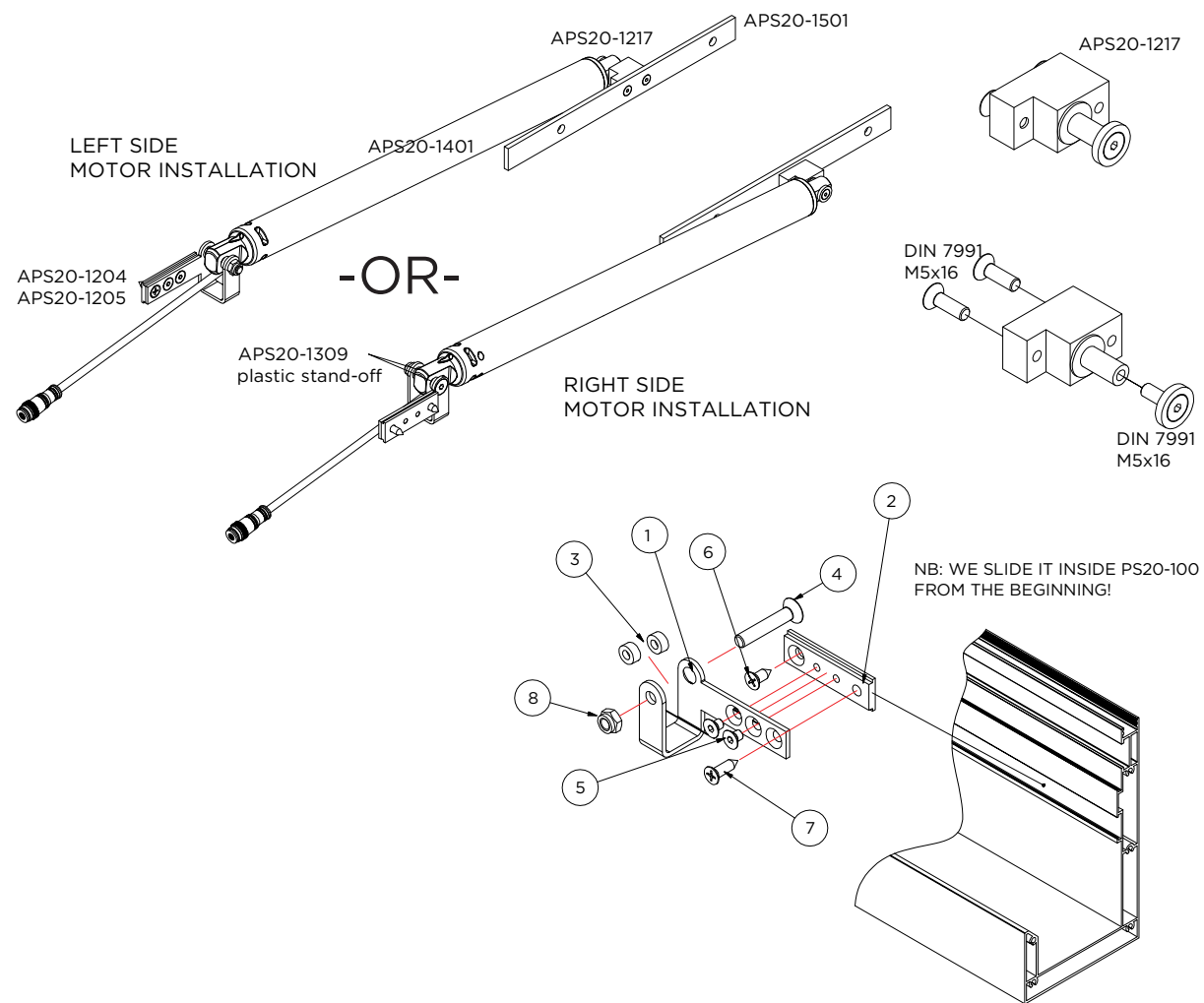
NB: WE CONNECT (1) COMPONENT EVERY (2) LOUVER BUSH HOLES (EVERY 400mm DISTANCE).



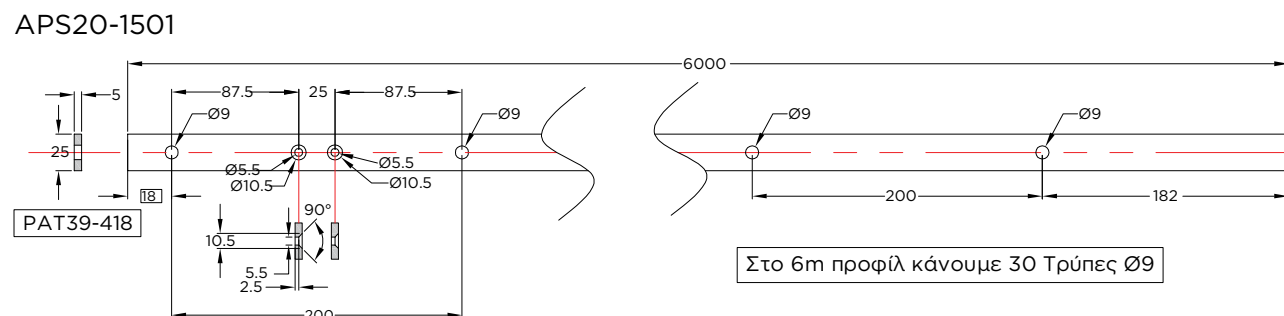
ΣΥΝΔΕΣΗ MOTER-01
MOTOR FIXATION-01



ΣΥΝΔΕΣΗ MOTER-02
MOTOR FIXATION-02



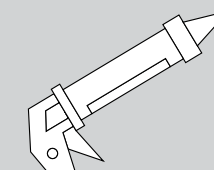
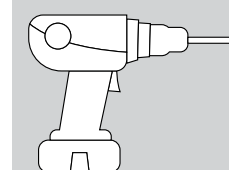
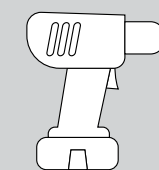
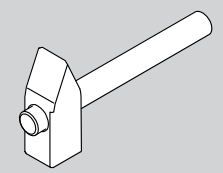
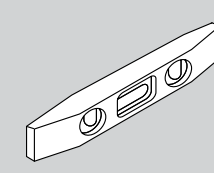
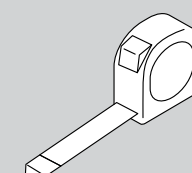
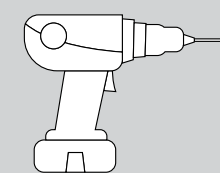
PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	APS20-1204	MOUNTING BRACKET-01	STAINLESS STEEL
2	1	APS20-1205	MOUNTING BRACKET-02	ALUMINUM 6063-T66
3	2	APS20-1309	Piston Stand-Off	BRASS
4	1	DIN 7991 - M8x45	Hexagon socket countersunk head cap screws	STAINLESS STEEL
5	2	DIN 7991 - M6x8	Hexagon socket countersunk head cap	STAINLESS STEEL
6	1	DIN 7982-C -6.3x16	SheetMetal Screw Countersunk	STAINLESS STEEL
7	1	DIN 7982-C -6.3x22	SheetMetal Screw Countersunk	STAINLESS STEEL
8	1	DIN 985-M8	Hex Lock Nut	STAINLESS STEEL



ALUMINCO

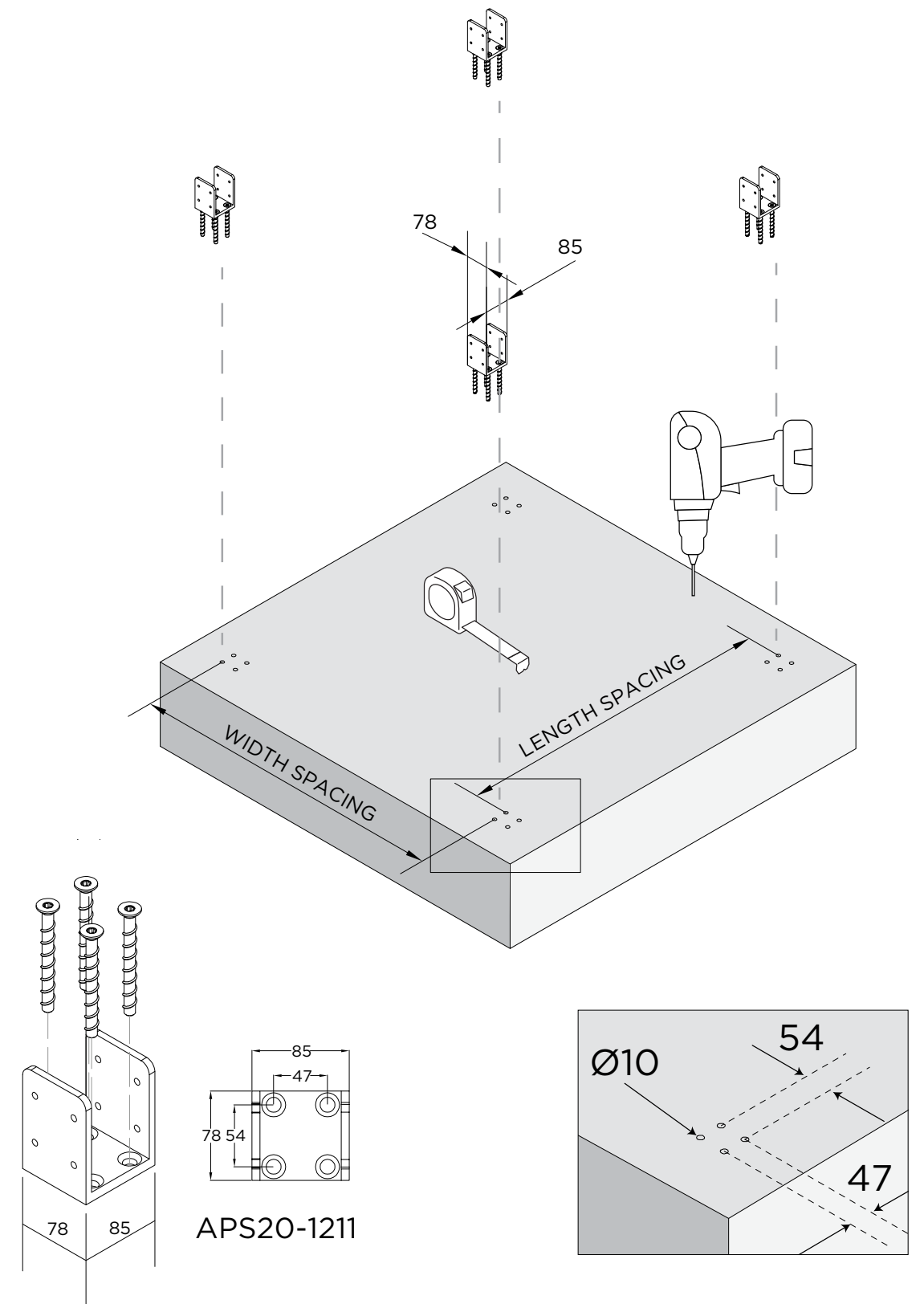
ΟΔΗΓΙΕΣ ΕΓΚΑΤΑΣΤΑΣΗΣ / INSTALLATION MANUAL

REQUIRED TOOLS

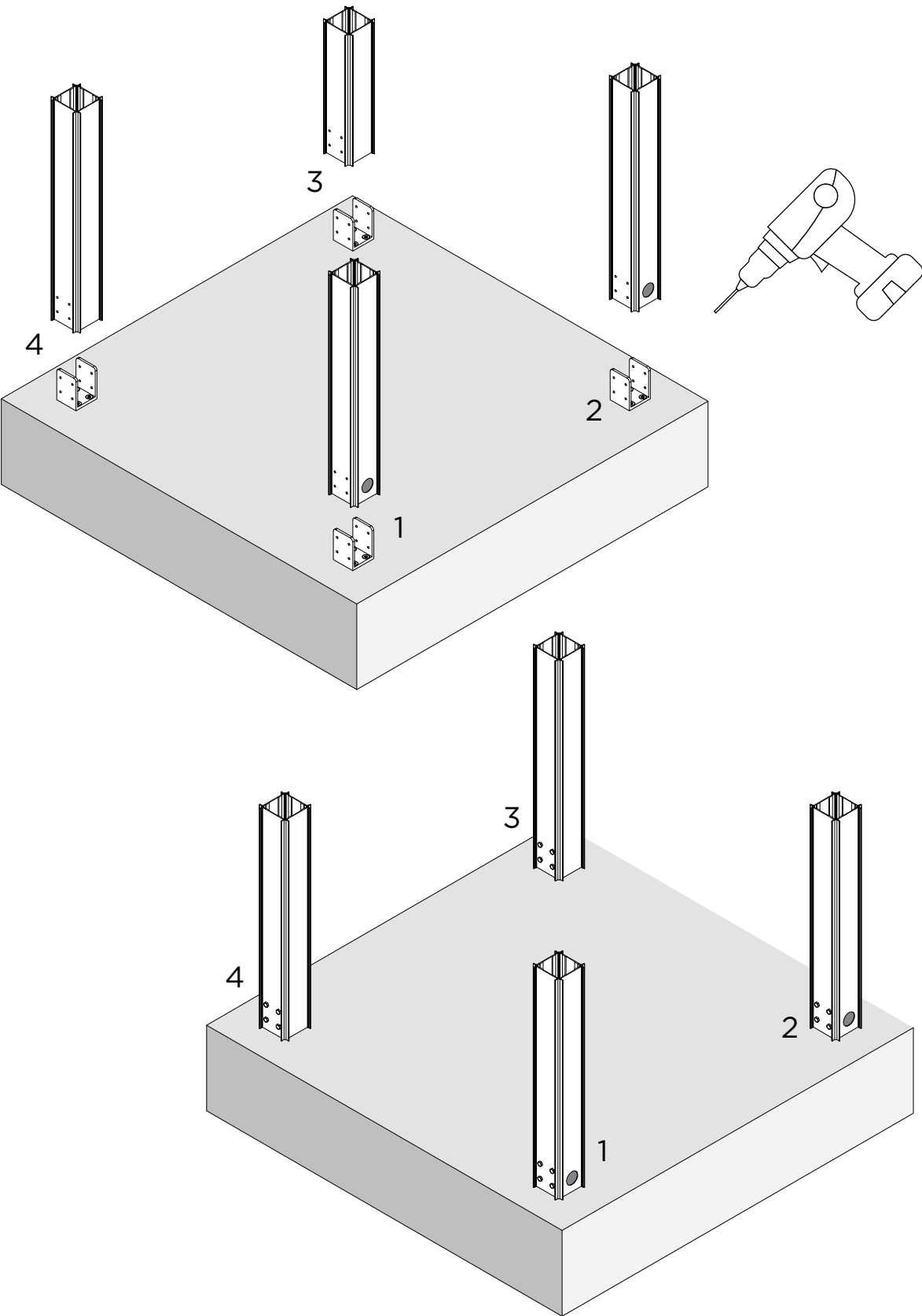




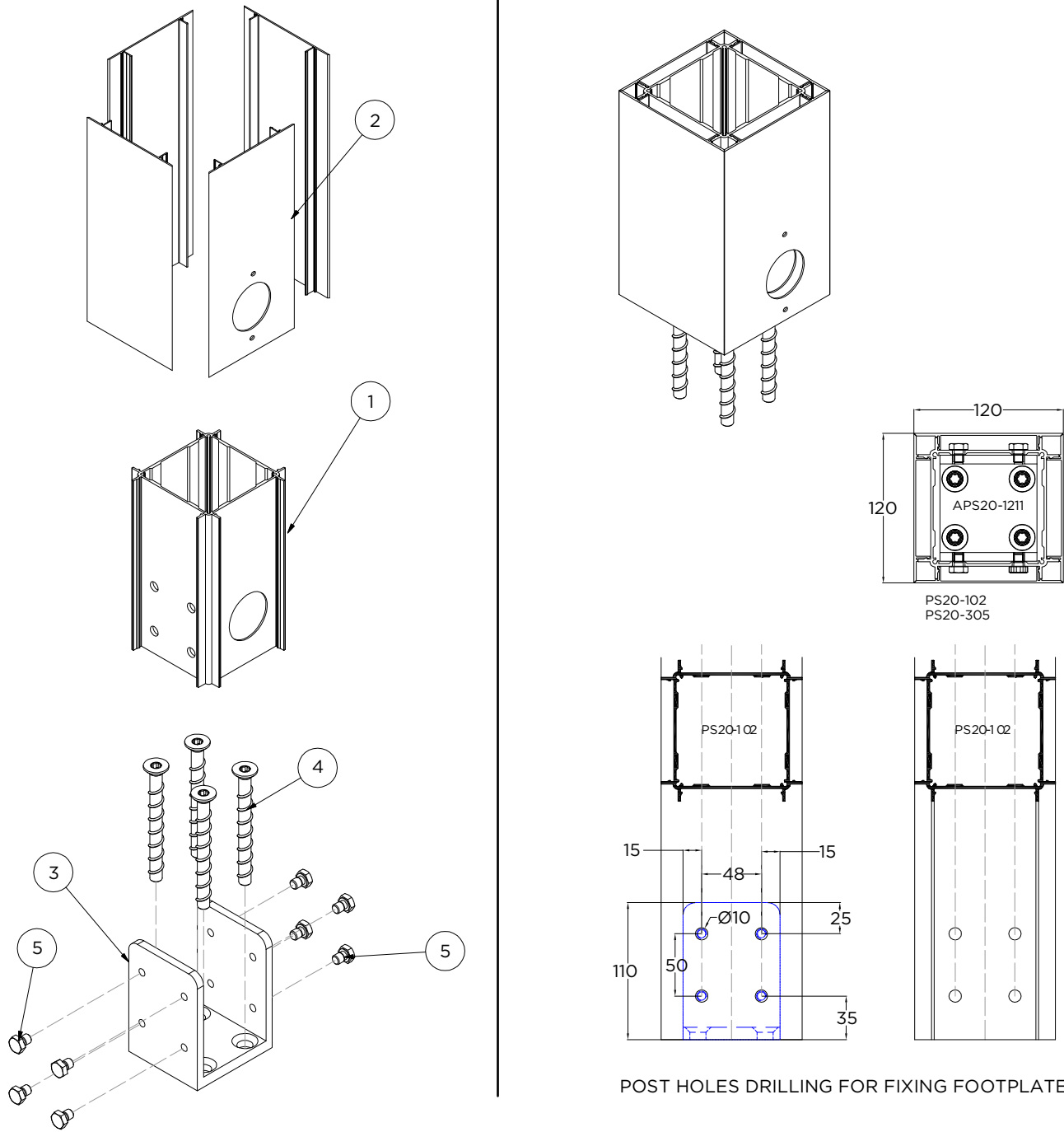
1-A1 ΣΤΕΡΕΩΣΗ ΣΤΑΘΕΡΩΝ ΚΟΛΩΝΩΝ ΣΤΟ ΕΔΑΦΟΣ INSTALLING FIXED POSTS ONTO GROUND



1-A2 ΣΤΕΡΕΩΣΗ ΣΤΑΘΕΡΩΝ ΚΟΛΩΝΩΝ ΣΤΟ ΕΔΑΦΟΣ
INSTALLING FIXED POSTS ONTO GROUND

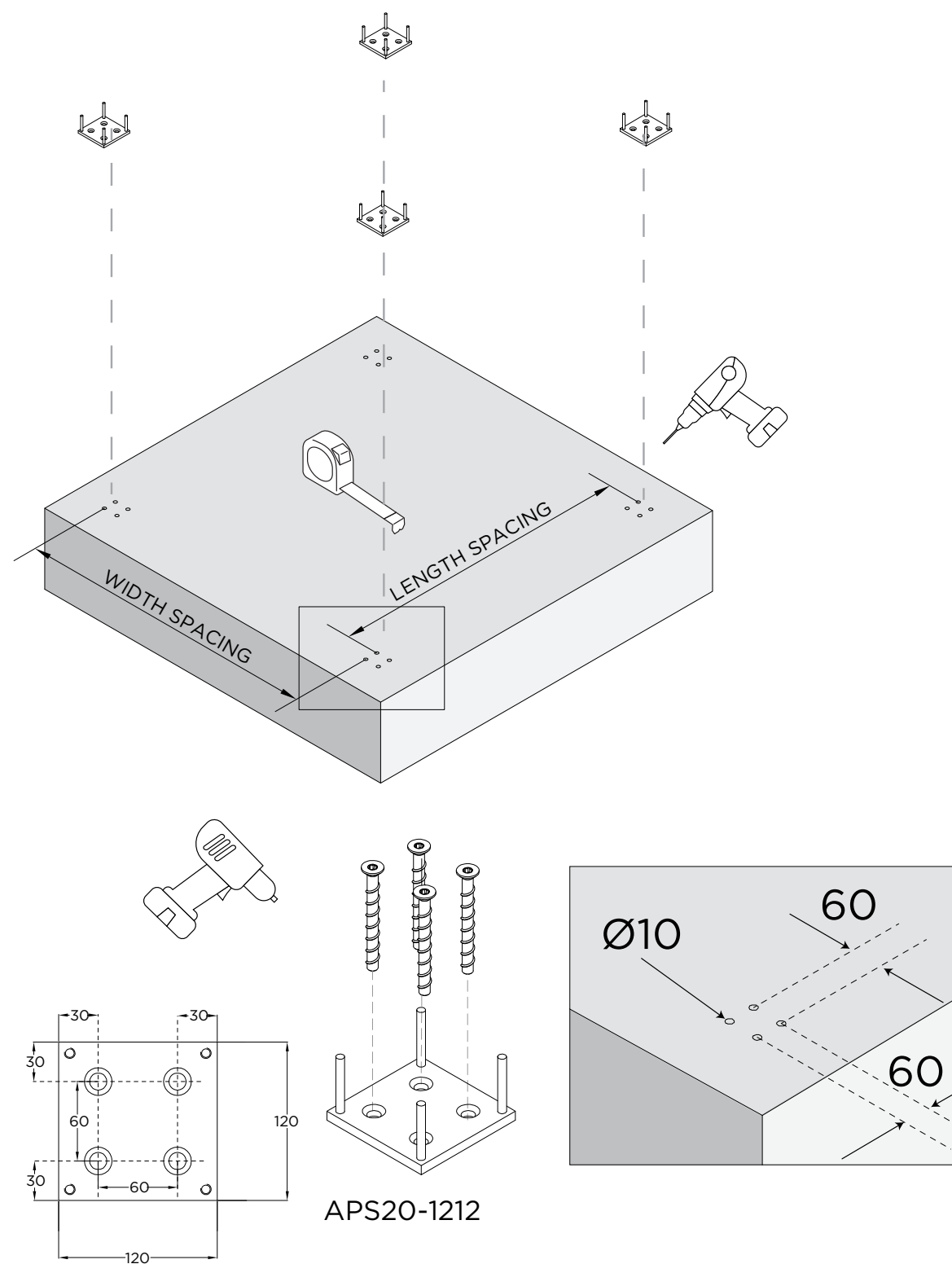


1-A3 ΣΤΑΘΕΡΟ ΠΕΛΜΑ ΒΙΟΚΛΙΜΑΤΙΚΗΣ ΠΕΡΓΚΟΛΑΣ
BIO-PERGOLA STANDARD FIXING FOOTPLATE

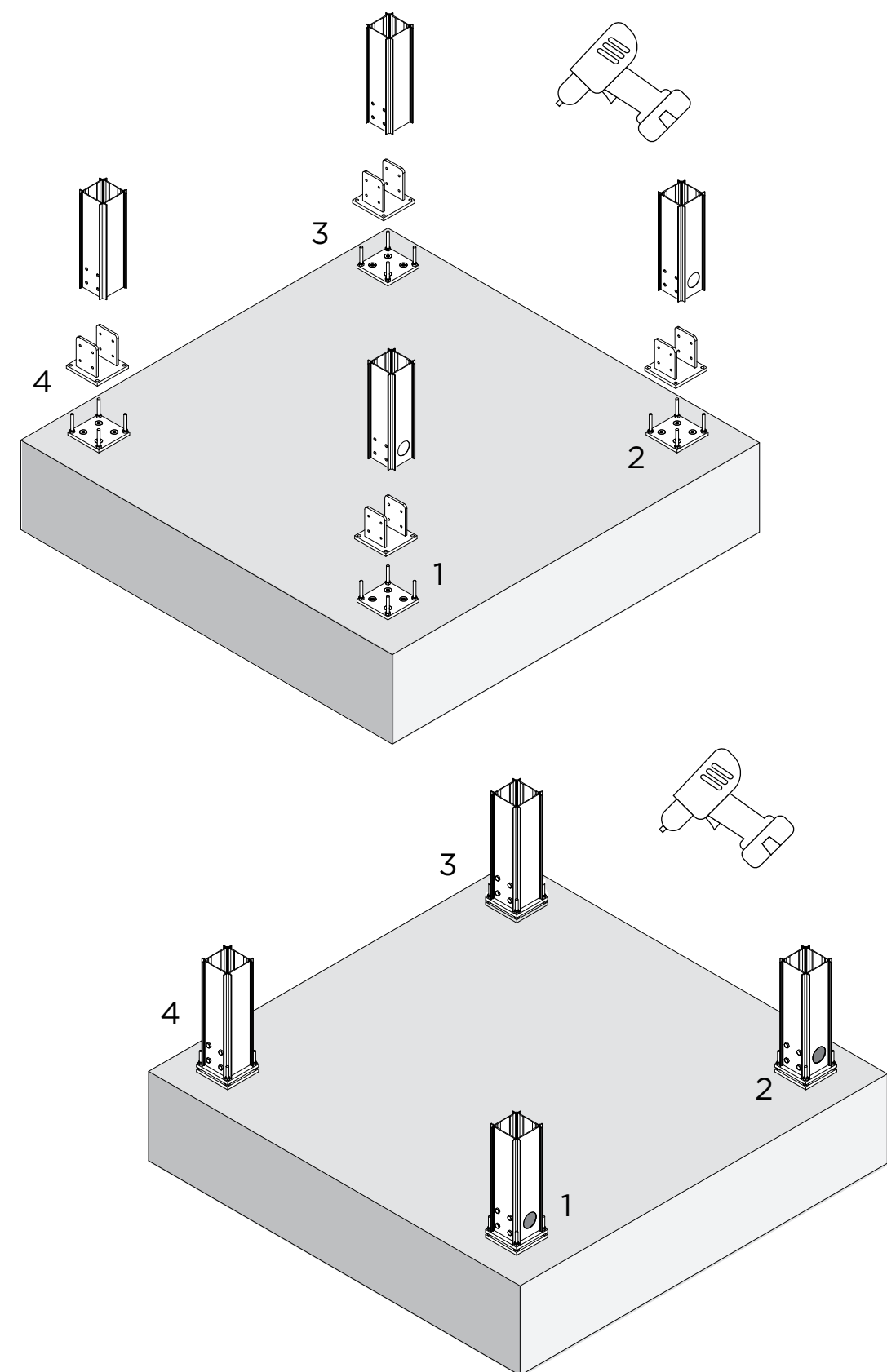


PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	PS20-305	POST COVER	ALUMINUM 6060-T66
3	1	APS20-1211	BIO-PERGOLA FIX FOOTPLATE	GALVANIZED STEEL
4	4	EMB10-120G/2	COUNTERSUNK CONCRETE SCREW	GALVANIZED STEEL
5	8	DIN 933 - M8 x 10	Hex-Head Bolt	STAINLESS STEEL

1-B1 ΣΤΕΡΕΩΣΗ ΡΥΘΜΙΖΟΜΕΝΩΝ ΚΟΛΩΝΩΝ ΣΤΟ ΕΔΑΦΟΣ INSTALLING ADJUSTABLE POSTS ONTO GROUND

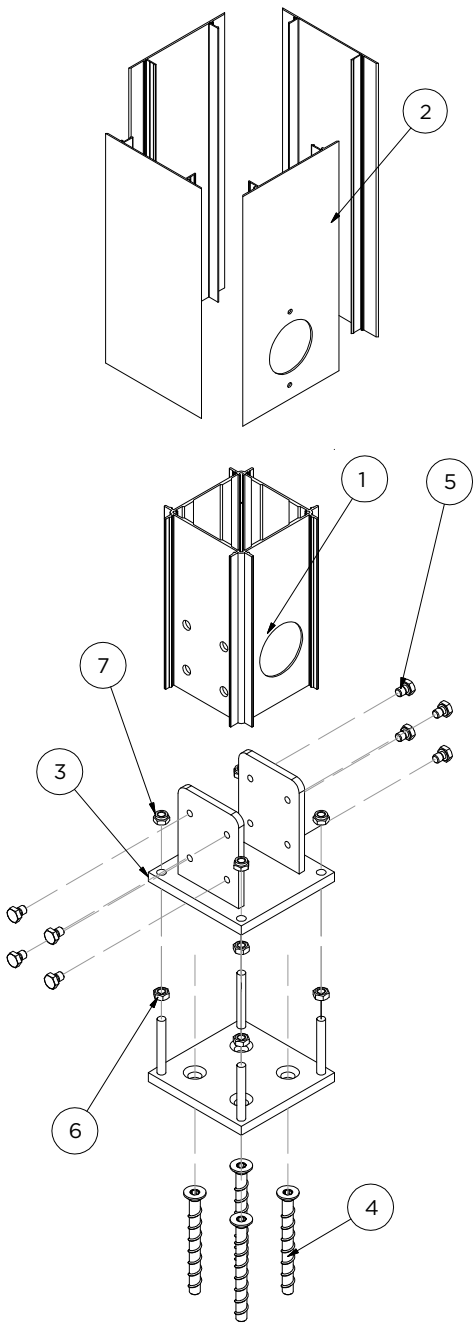


1-B2 ΣΤΕΡΕΩΣΗ ΡΥΘΜΙΖΟΜΕΝΩΝ ΚΟΛΩΝΩΝ ΣΤΟ ΕΔΑΦΟΣ INSTALLING ADJUSTABLE POSTS ONTO GROUND

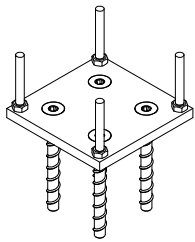


1-B3

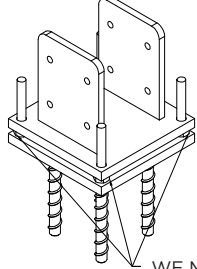
ΡΥΘΜΙΖΟΜΕΝΟ ΠΕΛΜΑ ΒΙΟΚΛΙΜΑΤΙΚΗΣ ΠΕΡΓΚΟΛΑΣ
BIO-PERGOLA ADJUSTABLE FIXING FOOTPLATE



STEP-01

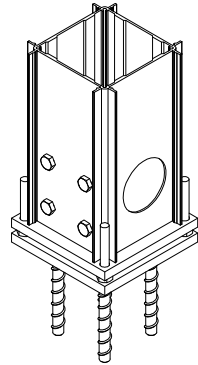


STEP-02

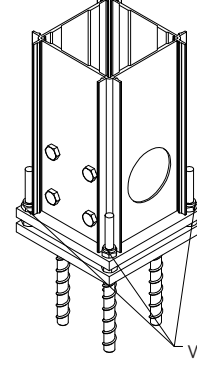


WE MAKE ALL (4) HEX-NUT
ADJUSTMENTS
FOR UPRIGHT
POST LEVEL UP TO
2CM.

STEP-03

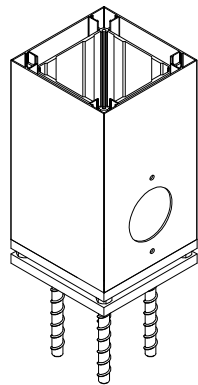


STEP-04



WE TIGHT
ALL (4) HEX-LOCK
NUTS
FOR
UPRIGHT POST

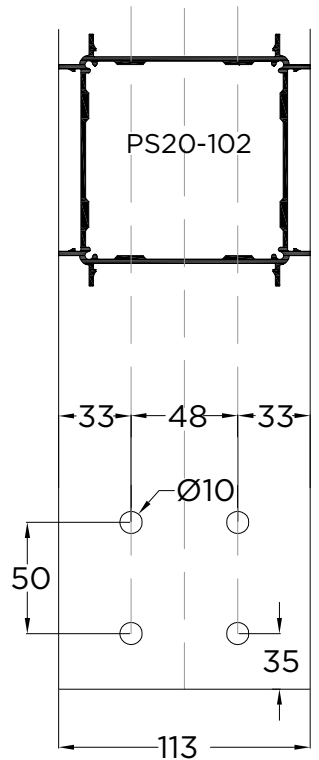
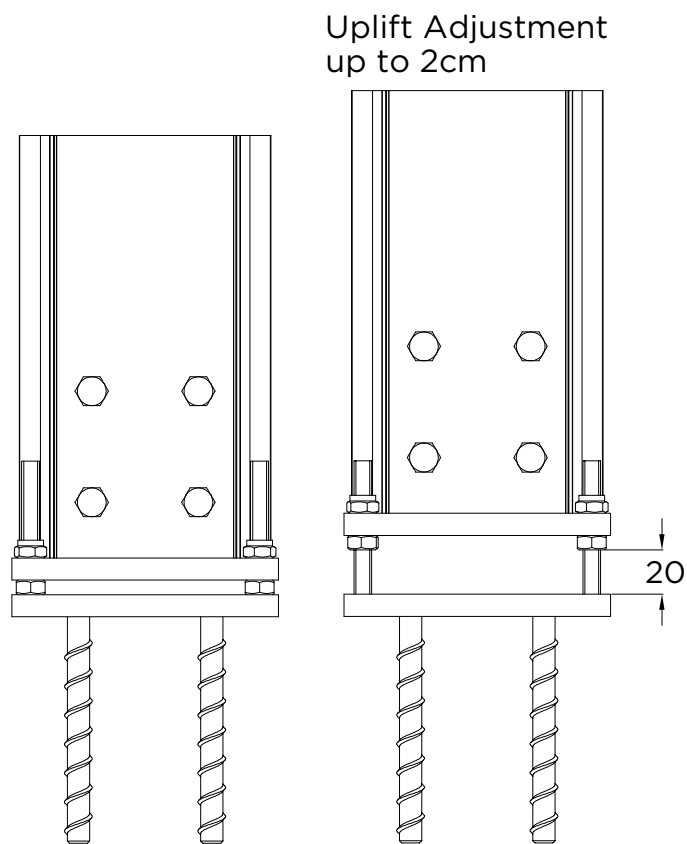
STEP-05



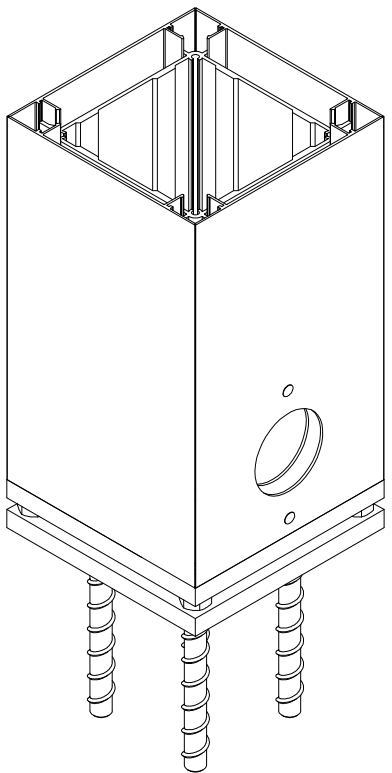
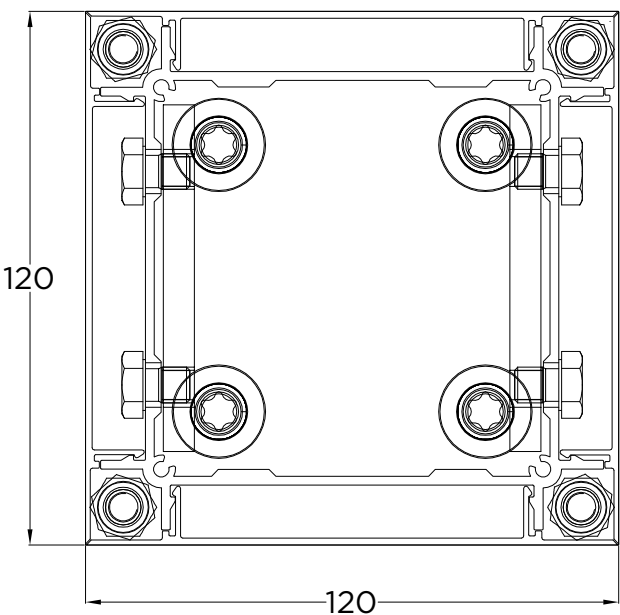
PARTS LIST

ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	PS20-305	POST COVER	ALUMINUM 6060-T66
3	1	APS20-1212	BIO-PERGOLA ADJUSTABLE FOOTPLATE	GALVANIZED STEEL
4	4	EMB10-120G/2	COUNTERSUNK CONCRETE SCREW	GALVANIZED STEEL
5	8	DIN 933 - M8 x 10	Hex-Head Bolt	STAINLESS STEEL
6	8	DIN 934 - M8	Hex-Nut	STAINLESS STEEL
7	8	DIN 985 - M8	Hex-Lock Nut	STAINLESS STEEL

ΡΥΘΜΙΖΟΜΕΝΟ ΠΕΛΜΑ ΒΙΟΚΛΙΜΑΤΙΚΗΣ ΠΕΡΓΚΟΛΑΣ_02
PERGOLA ADJUSTABLE FIXING FOOTPLATE_02

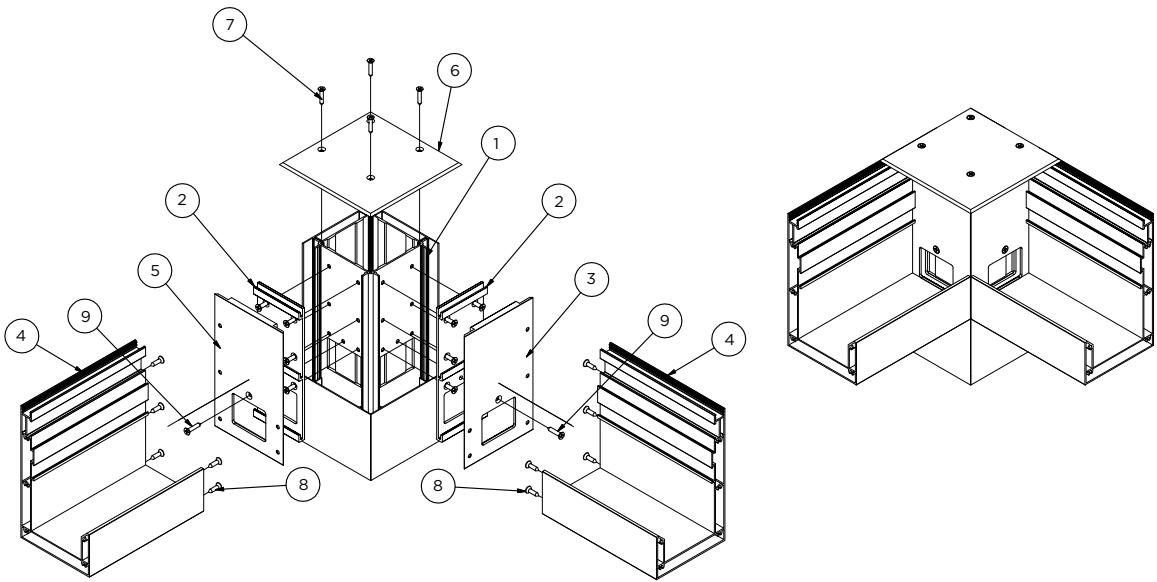


Post Holes Drilling for
Adjustable Footplate



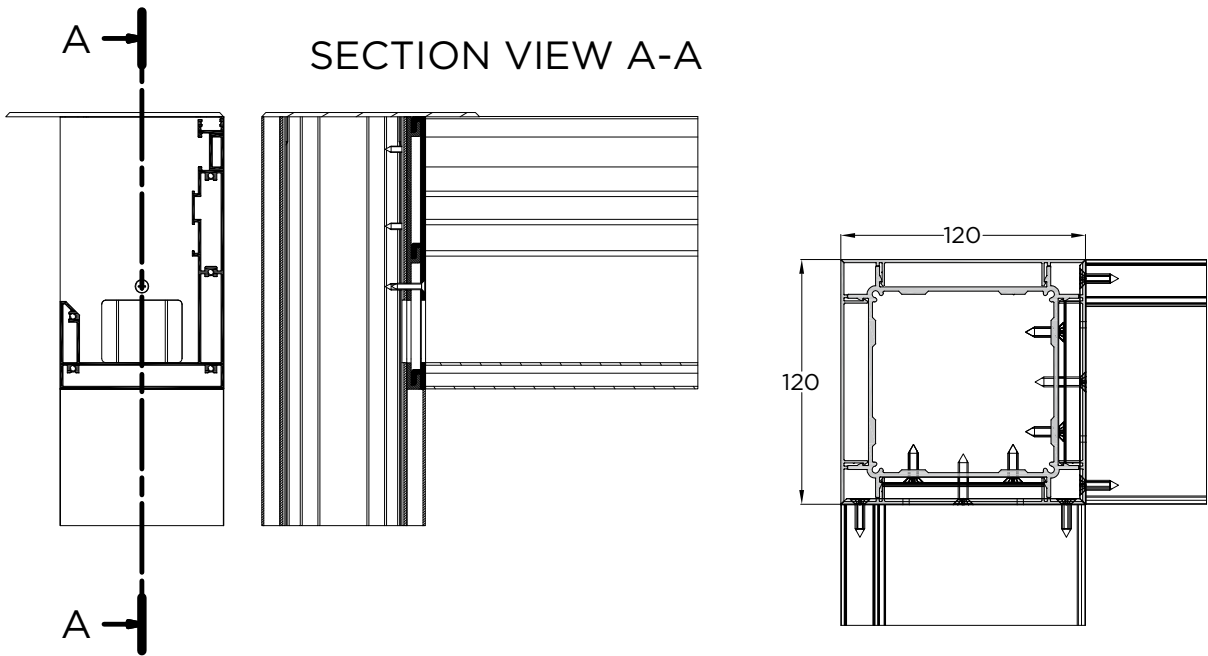
2

ΣΥΝΔΕΣΗ ΚΟΛΩΝΑΣ ΜΕ ΤΡΑΒΕΡΣΑ
POST - TRANSOM FIXATION



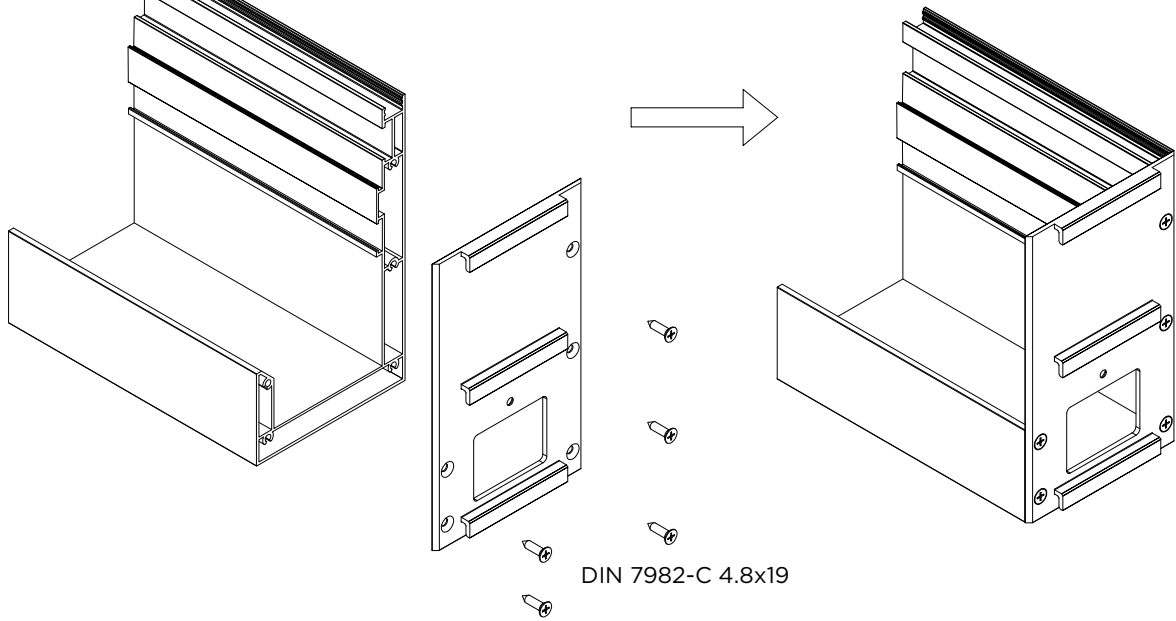
PARTS LIST

ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	2	APS20-1207	BIO-Hanger ONTO POST PS20-102	ALUMINUM 6063-T66
3	1	APS20-1206 (PAIR L/R)	BIO-Hanger ONTO TRANSOM PS20-100	ALUMINUM 6063-T66
4	2	PS20-100	Transom	ALUMINUM 6063-T66
5	1	APS20-1206 (PAIR L/R)	BIO-Hanger ONTO TRANSOM PS20-100	ALUMINUM 6063-T66
6	1	APS20-1103	Post Cover	ALUMINUM 6060-T66
7	4	DIN 7982-C 4.2x19	(Sheetmetal) Tapping Screw	STAINLESS STEEL
8	22	DIN 7982-C 4.8x19	(Sheetmetal) Tapping Screw	STAINLESS STEEL
9	2	DIN 7982-C - ST4.8x22	(Sheetmetal) Tapping Screw	STAINLESS STEEL



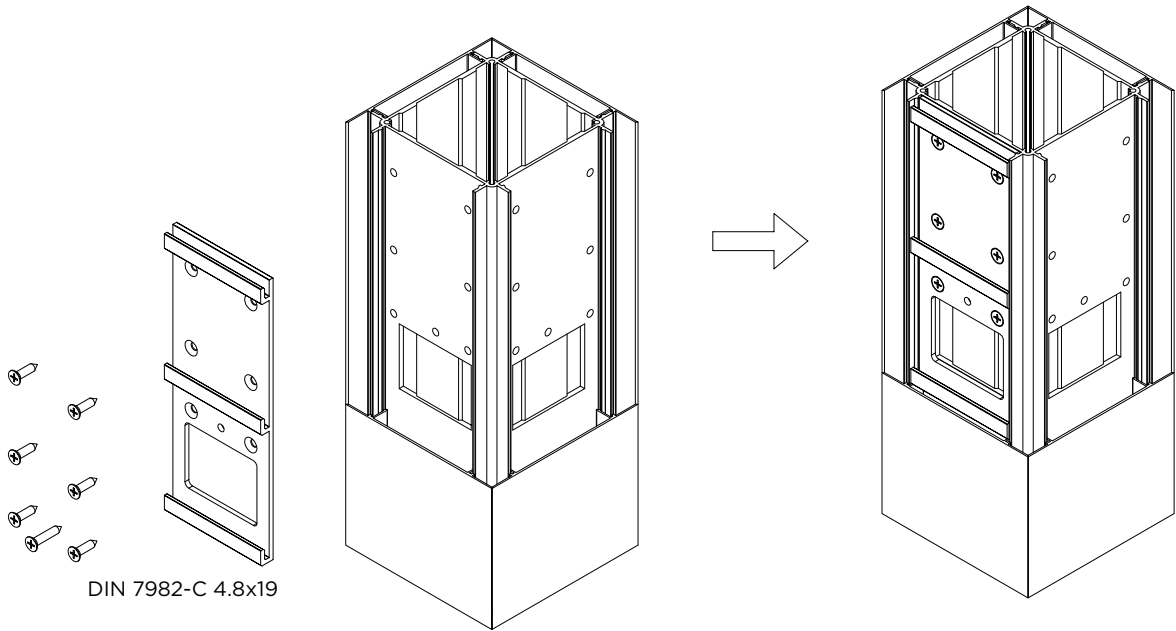
2A

Τοποθέτηση εξαρτήματος κρεμάστρας στην τεγίδα
Installation of the hook connector on the transom

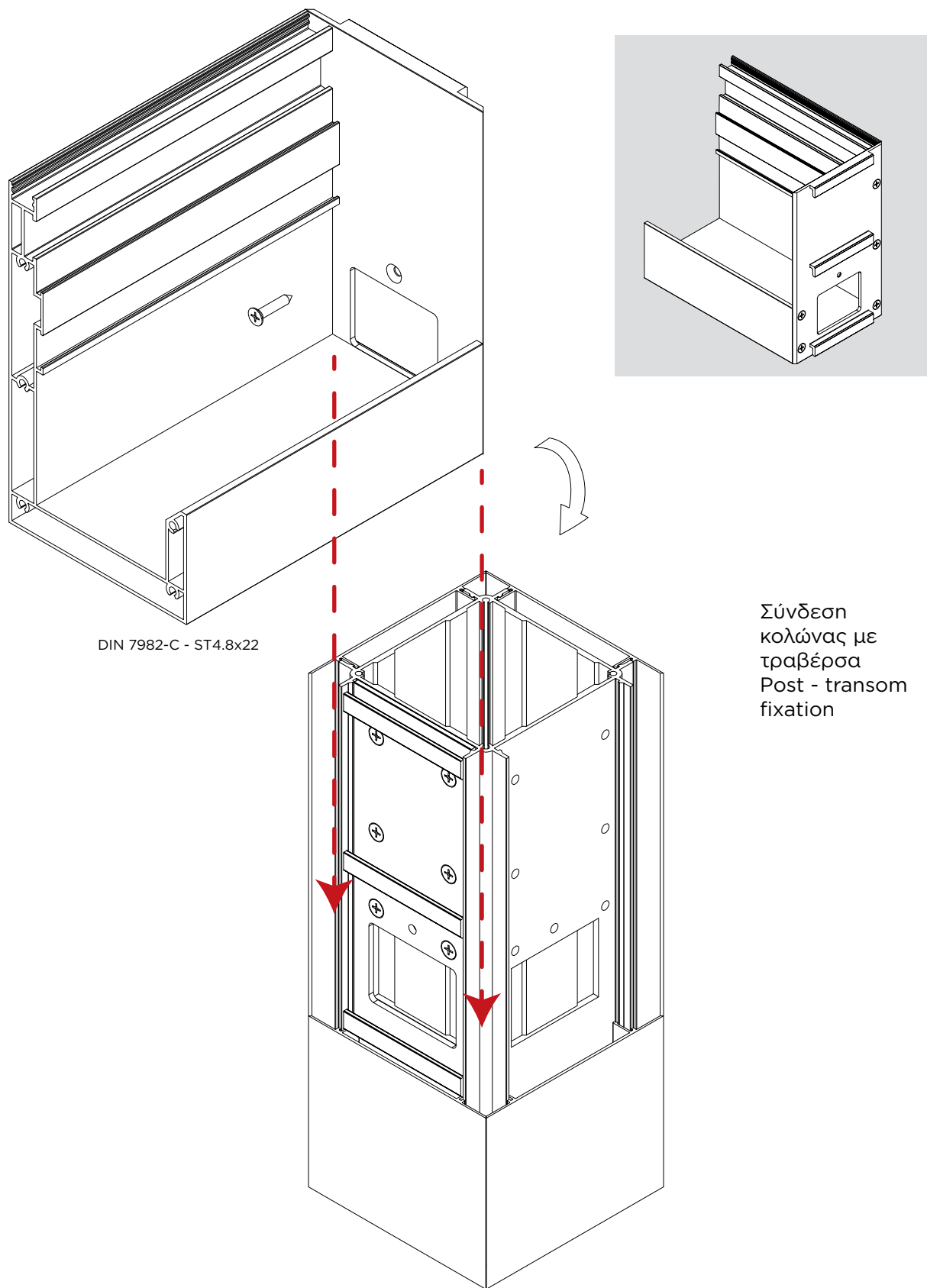


2B

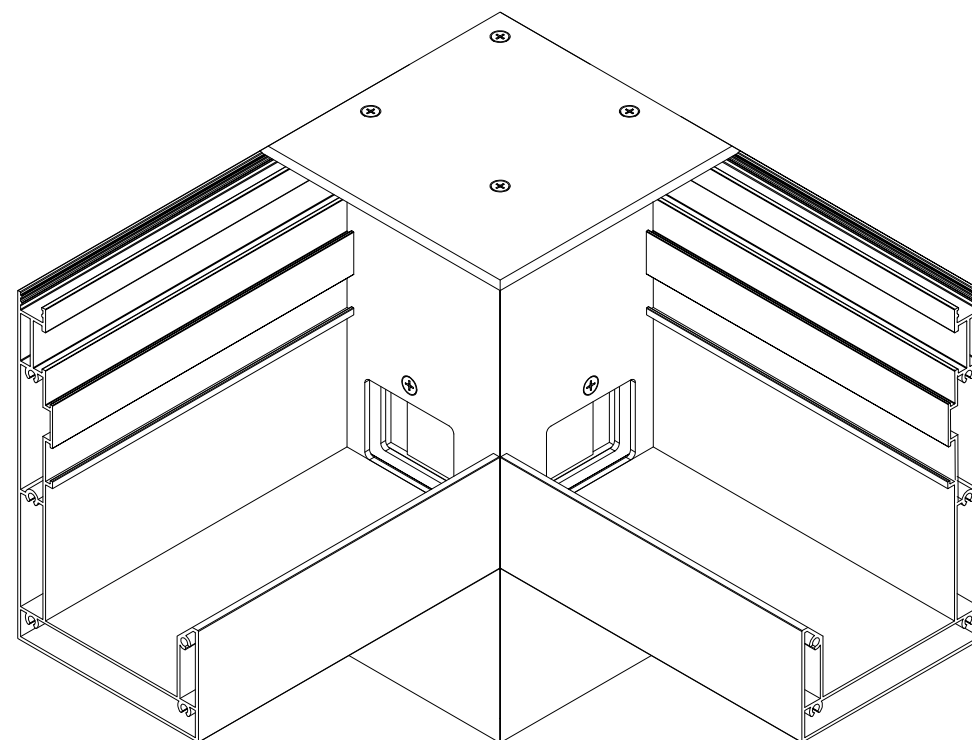
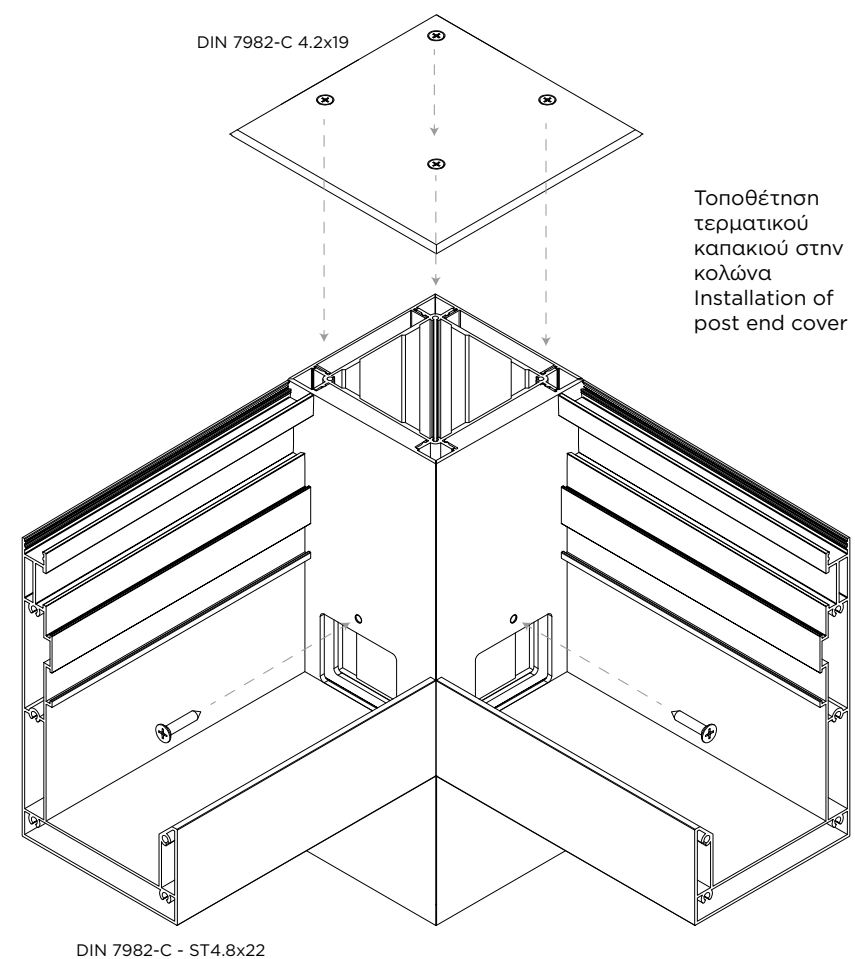
Τοποθέτηση εξαρτήματος κρεμάστρας στην κολώνα
Installation of the hook connector onto the post



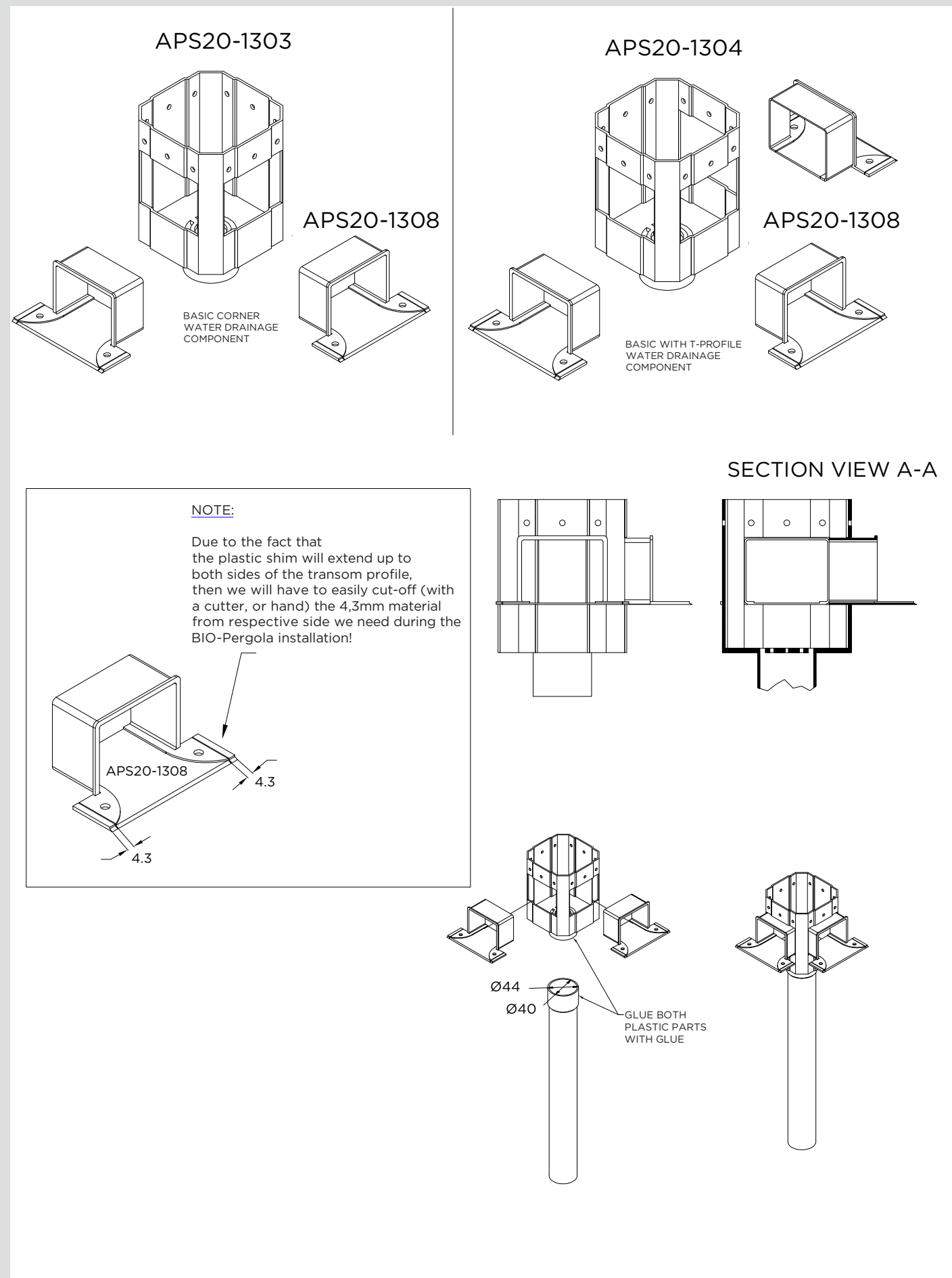
2C



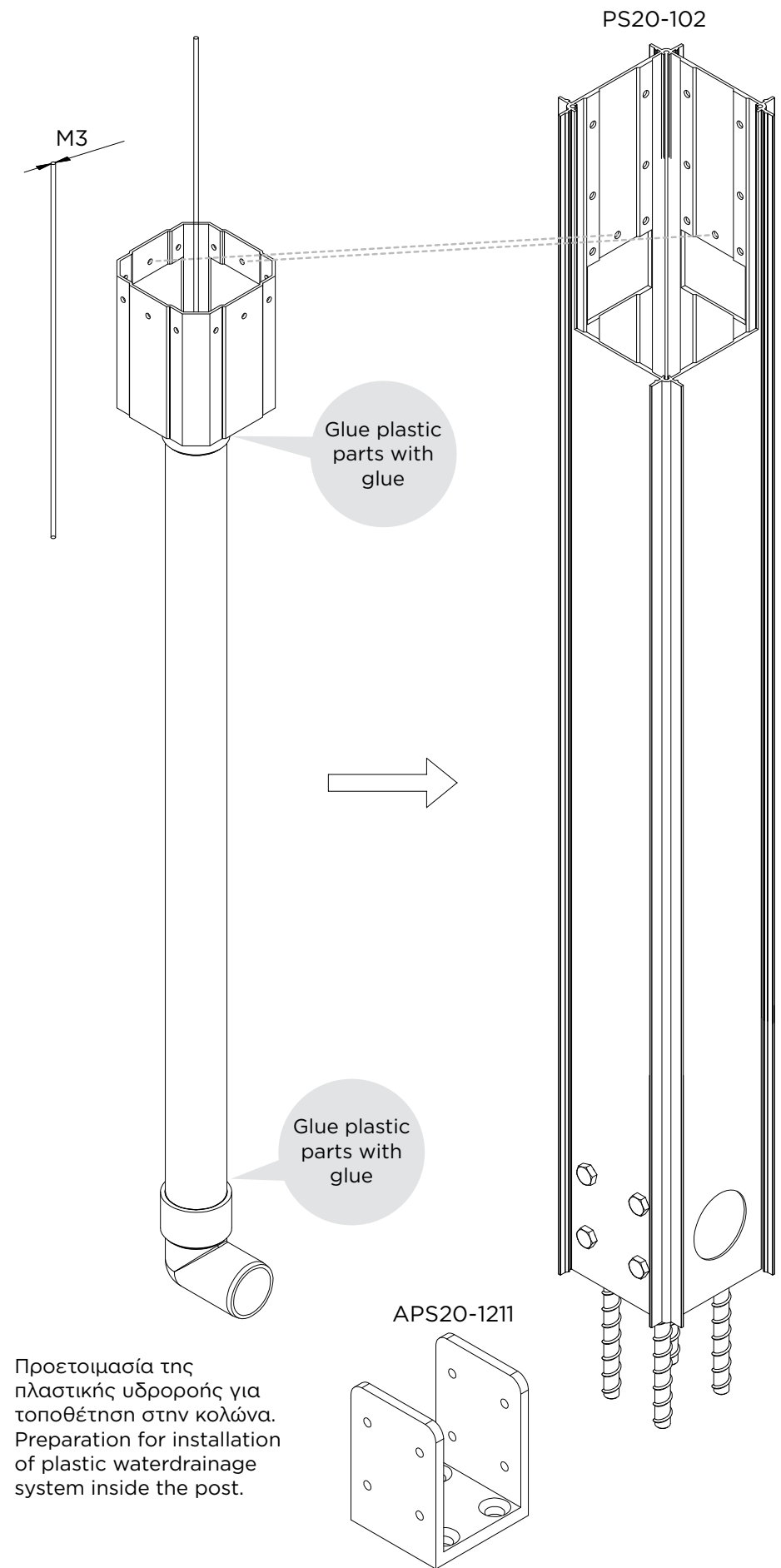
2D



3 ΣΥΝΔΕΣΗ ΚΟΛΩΝΑΣ ΜΕ ΠΛΑΣΤΙΚΗ ΥΔΡΟΡΟΗ POST - PLASTIC WATER DRAINAGE FIXATION

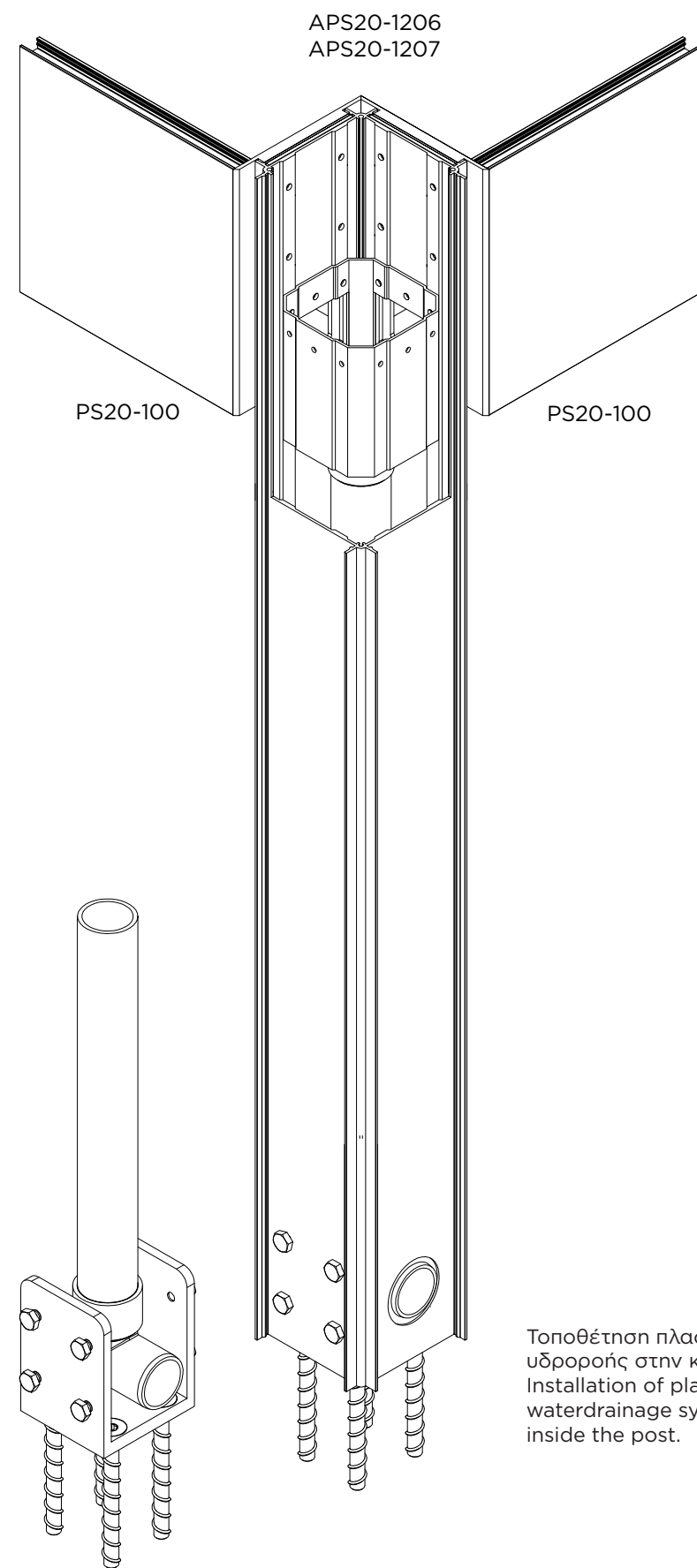


3A



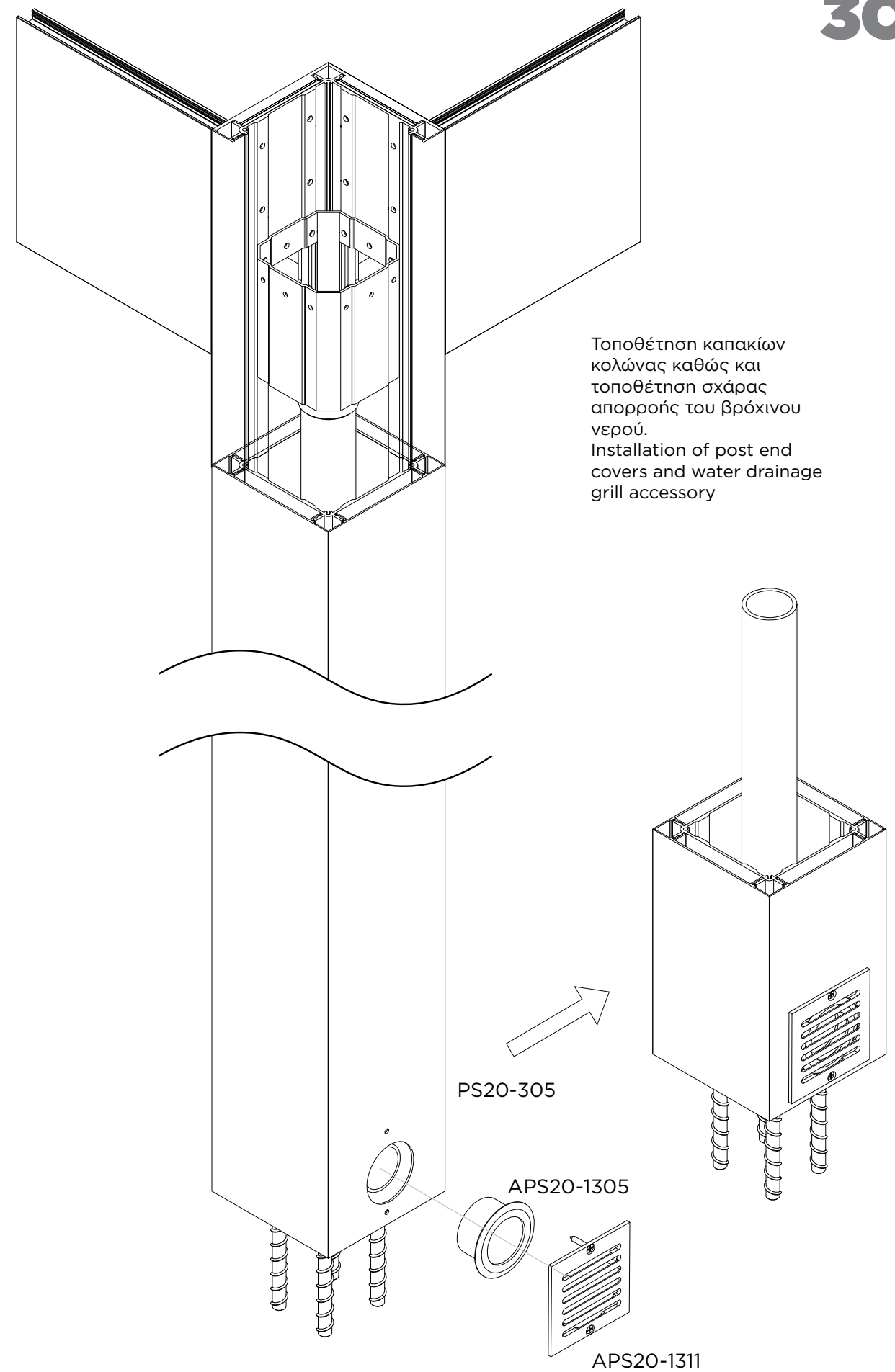
Προετοιμασία της πλαστικής υδροροής για τοποθέτηση στην κολώνα.
Preparation for installation of plastic waterdrainage system inside the post.

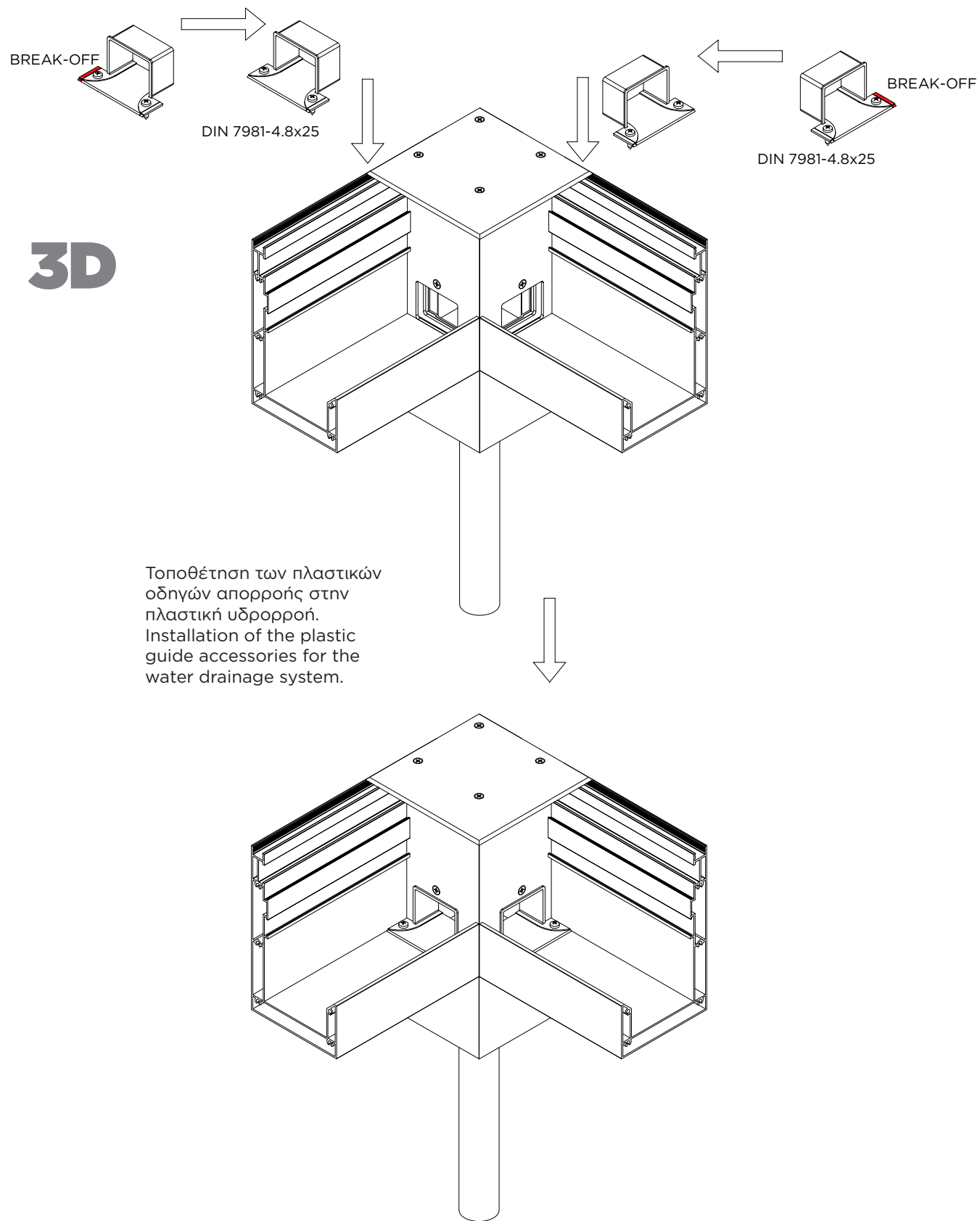
3B



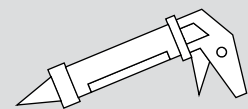
Τοποθέτηση πλαστικής
υδροροής στην κολώνα.
Installation of plastic
waterdrainage system
inside the post.

3C





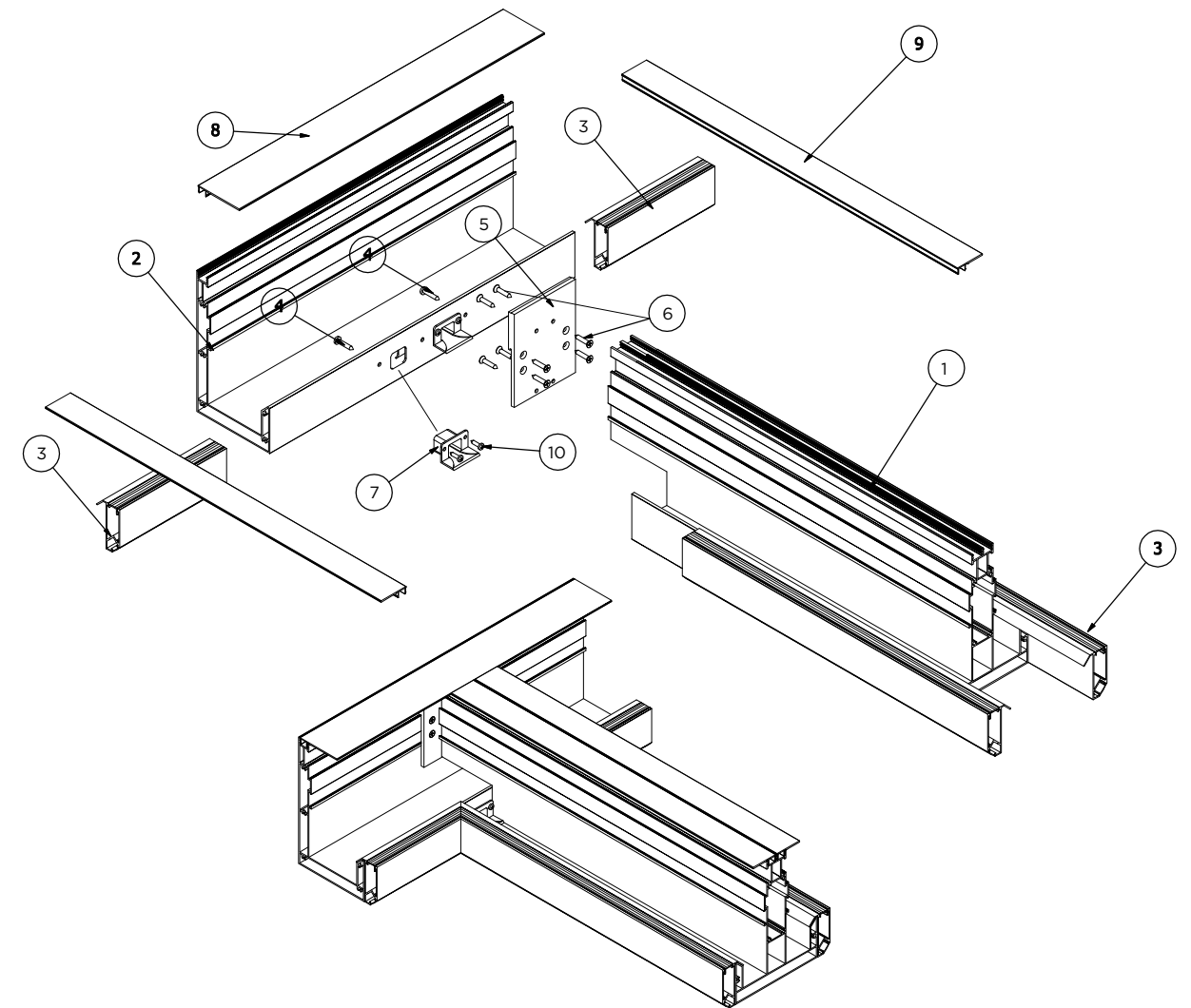
Τοποθέτηση των πλαστικών οδηγών απορροής στην πλαστική υδρορροή.
Installation of the plastic guide accessories for the water drainage system.



Η χρήση σιλικόνης είναι υποχρεωτική σε όλα τα σημεία της κατασκευής στα οποία έχουμε αρμούς, στοιχεία στήριξης και συνδέσεις εξαρτημάτων μεταξύ τους και από τα οποία υπάρχει πάντα ο κίνδυνος να περάσει το βρόχινο νερό με κατεύθυνση προς το εσωτερικό της πέργκολας.

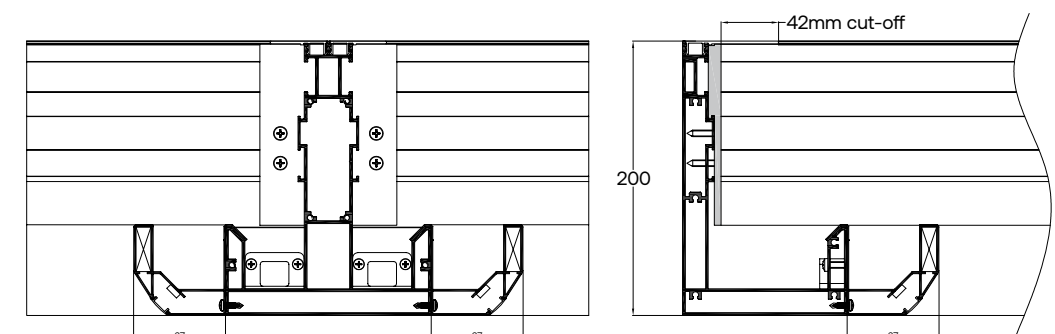
The use of silicone is mandatory in all parts of the construction in which we have joints, support elements and connections of parts between them and through which there is always a risk of rainwater passing towards the inside of the pergola.

4 ΣΥΝΔΕΣΗ ΤΡΑΒΕΡΣΑ ΜΕ ΤΑΥ T-PROFILE - TRANSOM FIXATION



PARTS LIST

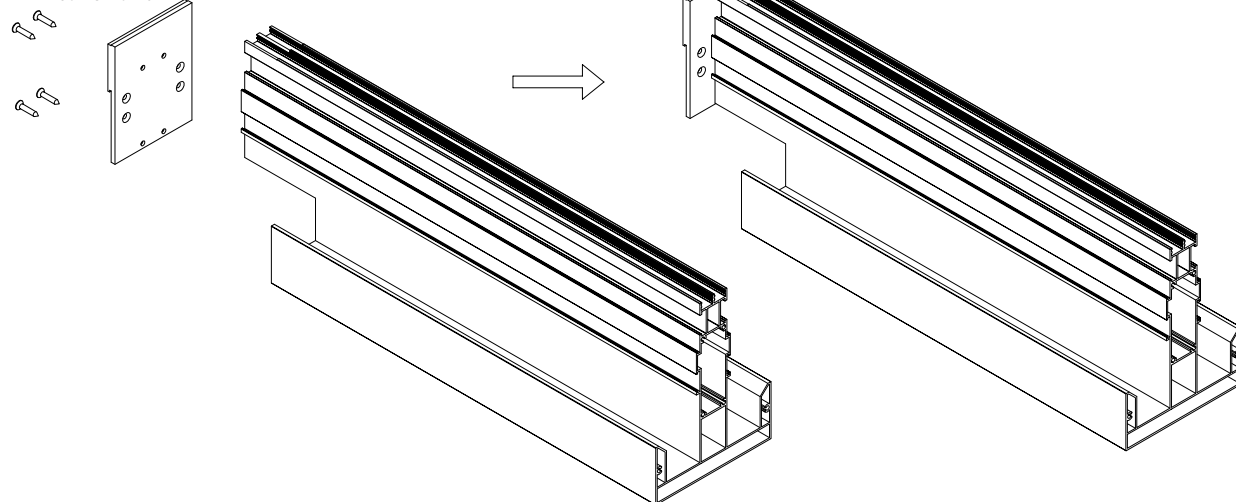
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-101	T-Profile	ALUMINUM 6063-T66
2	1	PS20-100	Transom Profile	ALUMINUM 6063-T66
3	4	PS20-304	Transom & T-Profile Clipping Profile	ALUMINUM 6060-T66
4	2	DIN 6928-4.8x25	Sheetmetal Screw	STAINLESS STEEL
5	1	APS20-1210	T-Profile Hanger	ALUMINUM 6063-T66
6	8	DIN 7982-C 4.8x25	Sheetmetal Screw	STAINLESS STEEL
7	2	APS20-1307	T-Profile Plastic Water Drainage	PLASTIC
8	1	PS20-306	Transom Cover Profile	ALUMINUM 6060-T66
9	2	PS20-307	T-Profile Cover Profile	ALUMINUM 6060-T66
10	4	DIN 7981- 4.2x16	Sheetmetal Screw	STAINLESS STEEL



4A

Τοποθέτηση εξαρτήματος κρεμάστρας στο ταυ
Installation of the hook connector on the t-profile

DIN 7982-C 4.8x25



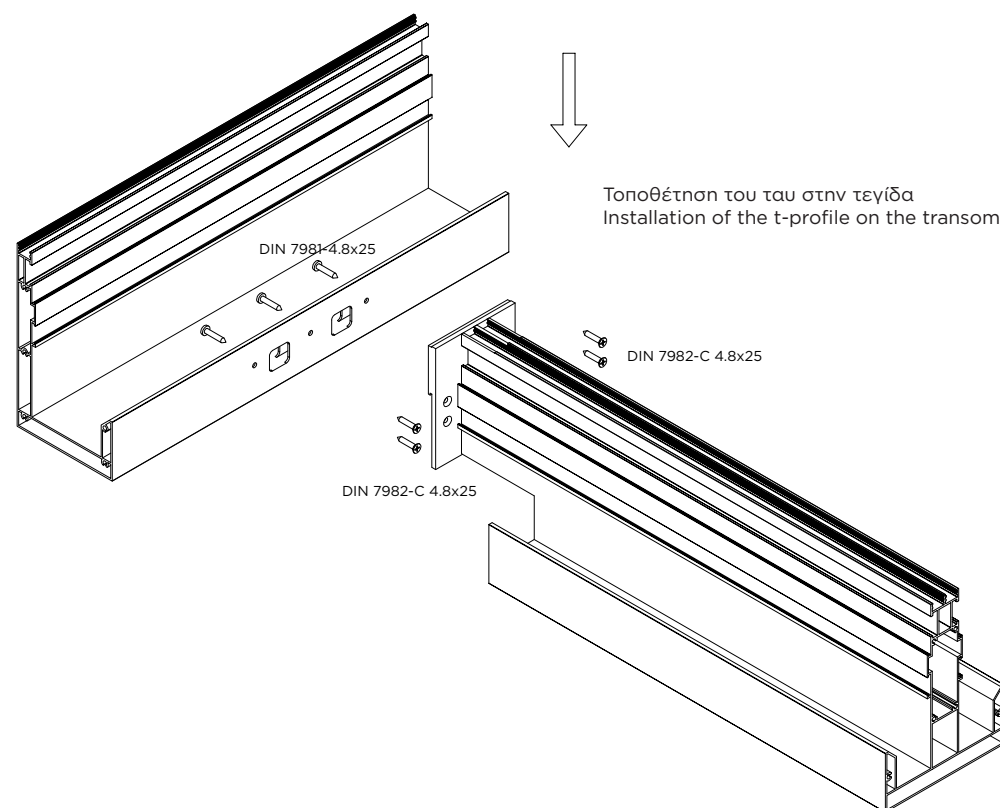
4B

Τοποθέτηση του ταυ στην τεγίδα
Installation of the t-profile on the transom

DIN 7981 4.8x25

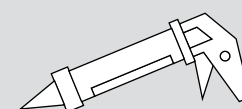
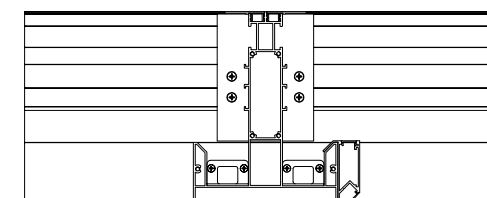
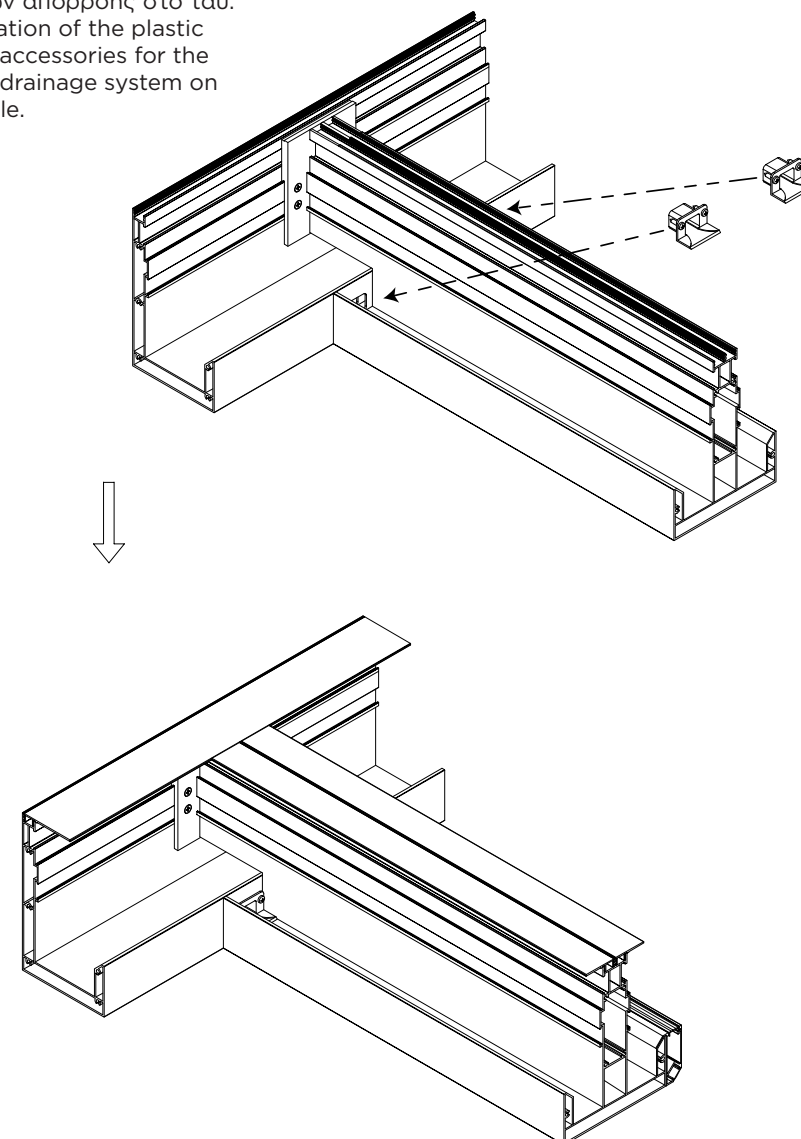
DIN 7982-C 4.8x25

DIN 7982-C 4.8x25



4C

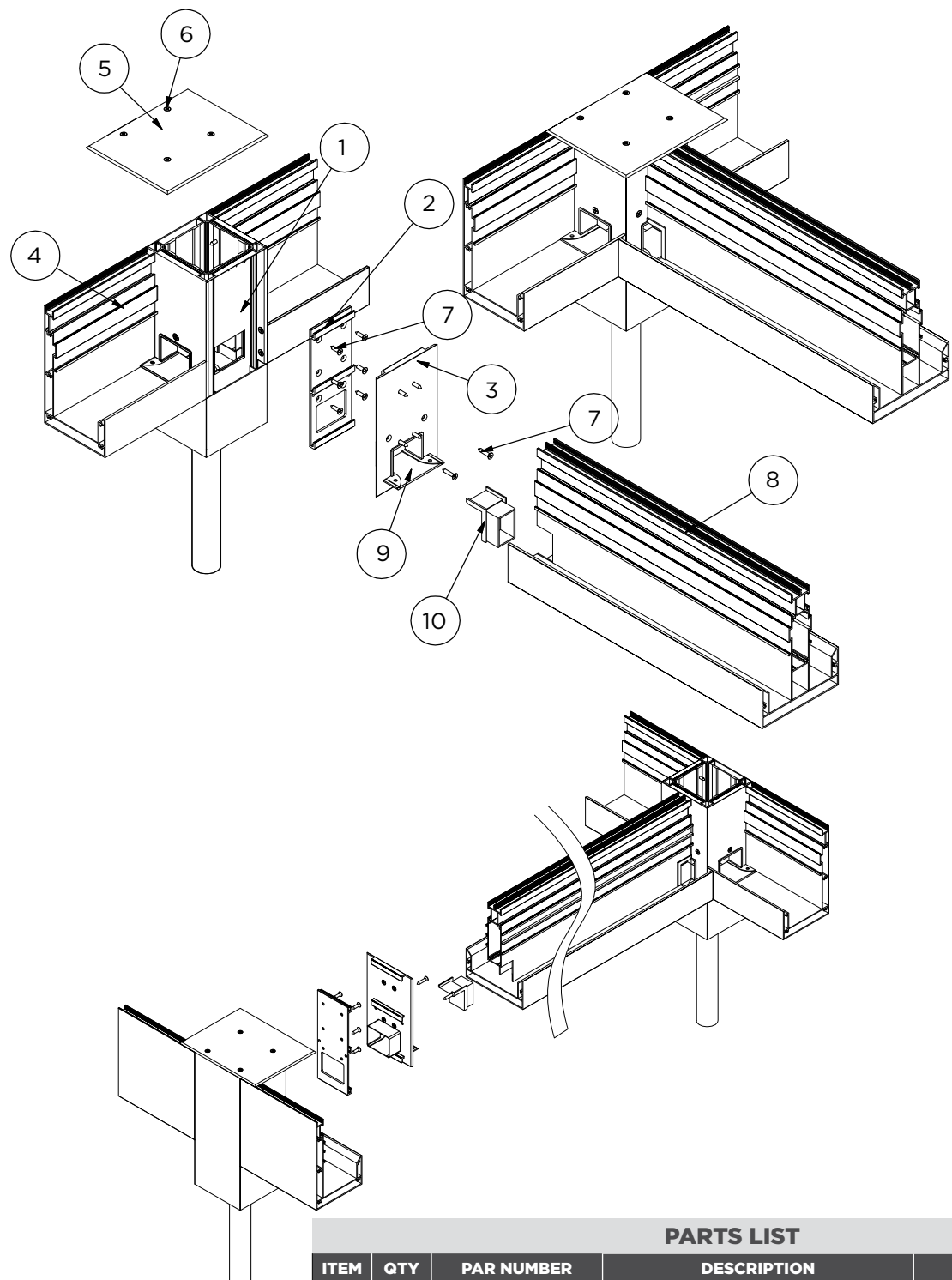
Τοποθέτηση των πλαστικών
οδηγών απορροής στο ταυ.
Installation of the plastic
guide accessories for the
water drainage system on
t-profile.



Η χρήση σιλικόνης είναι υποχρεωτική σε όλα τα σημεία της κατασκευής στα οποία έχουμε αρμούς, στοιχεία στήριξης και συνδέσεις εξαρτημάτων μεταξύ τους και από τα οποία υπάρχει πάντα ο κίνδυνος να περάσει το βρόχινο νερό με κατεύθυνση προς το εσωτερικό της πέργκολας.

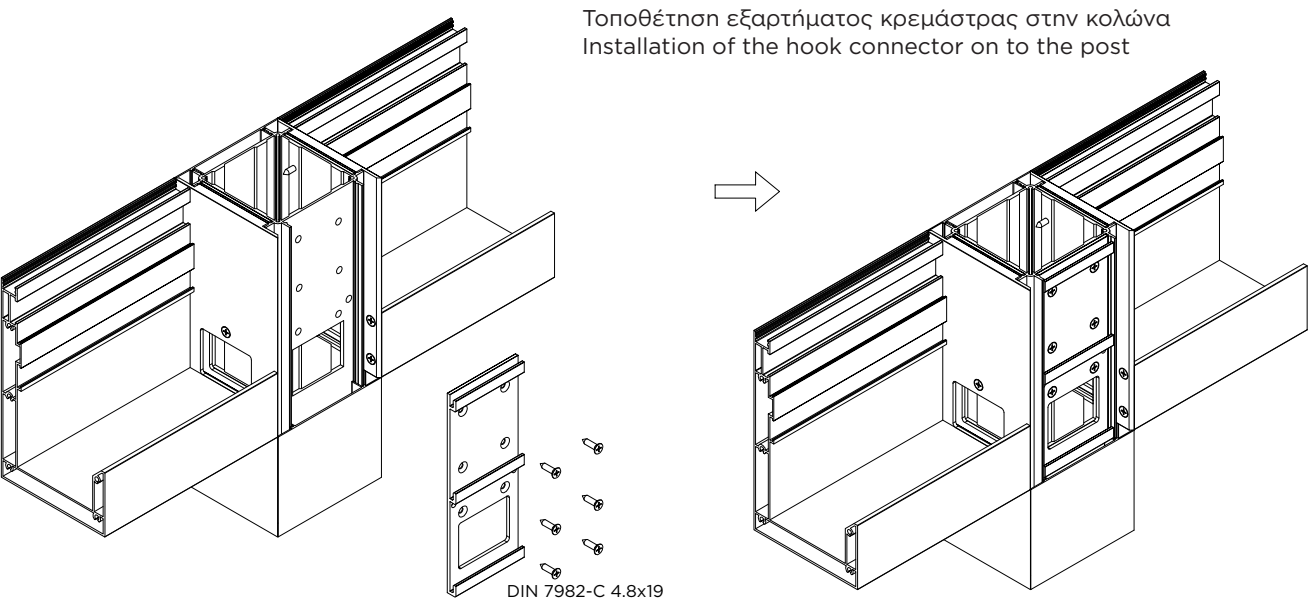
The use of silicone is mandatory in all parts of the construction in which we have joints, support elements and connections of parts between them and through which there is always a risk of rainwater passing towards the inside of the pergola.

5 ΣΥΝΔΕΣΗ ΚΟΛΩΝΑΣ ΜΕ ΤΑΥ
POST - T-PROFILE FIXATION



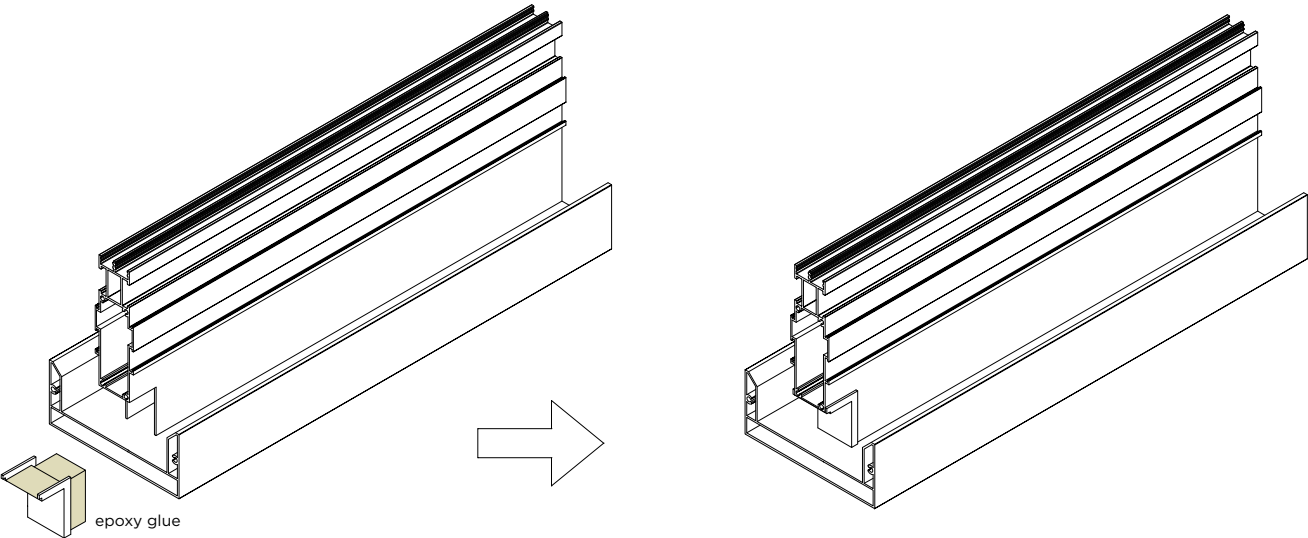
PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	PS20-102	Post	ALUMINUM 6063-T66
2	1	APS20-1209	T-Profile Hanger ONTO the Post	ALUMINUM 6063-T66
3	1	APS20-1208	T-Profile Hanger ONTO the T-Profile	ALUMINUM 6063-T66
4	1	PS20-100	Transom	ALUMINUM 6063-T66
5	1	APS20-1104	T-Profile - Post Top Cover	ALUMINUM 6060-T66
6	4	DIN 7982-C 4.2x19	Sheetmetal Screw	STAINLESS STEEL
7	42	DIN 7982-C 4.8x19	Sheetmetal Screw	STAINLESS STEEL
8	1	PS20-101	T-Profile	ALUMINUM 6063-T66
9	1	APS20-1308	Plastic Water Drainage Shim	PLASTIC
10	1	APS20-1306	T-Profile Plastic Cover	PLASTIC

5A



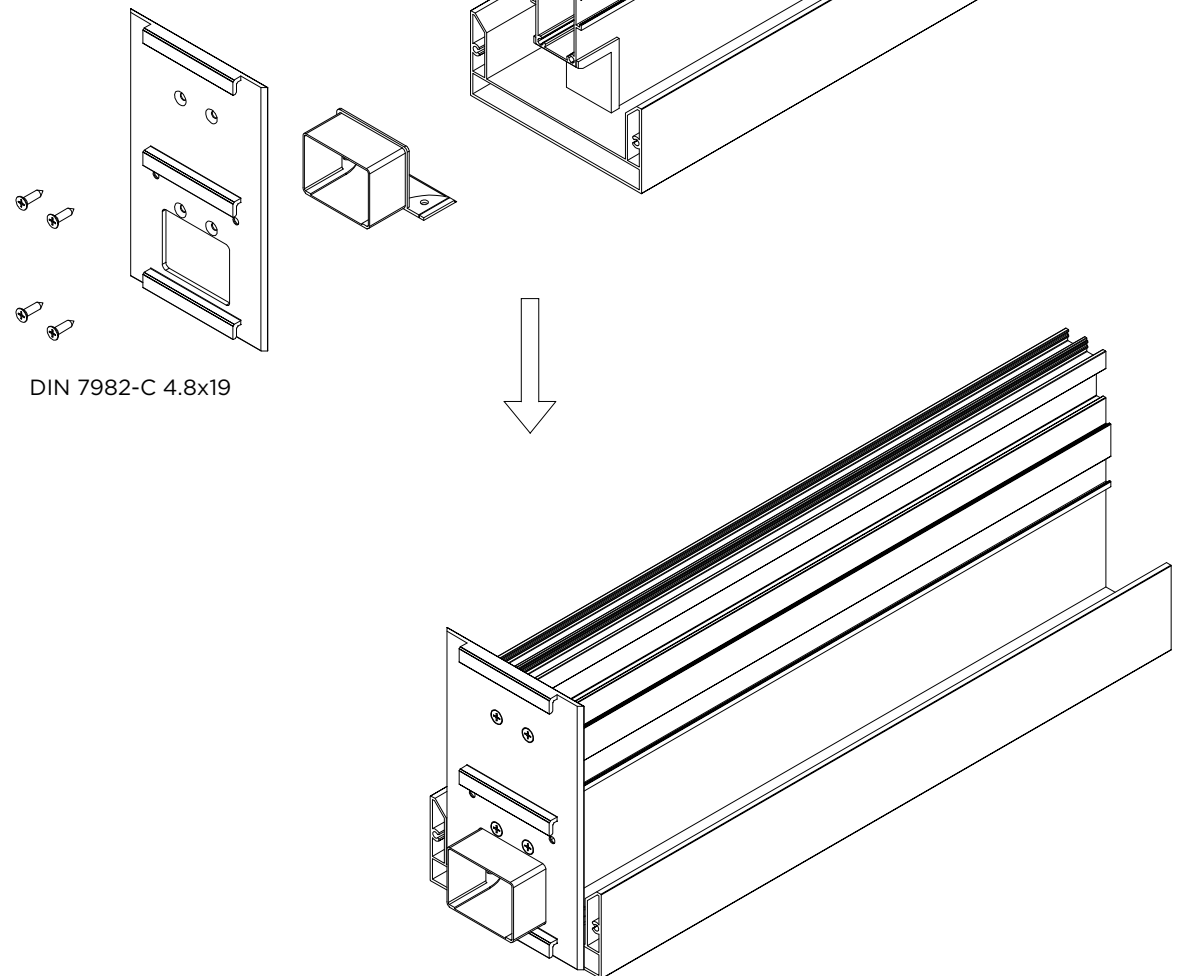
5B

Τοποθέτηση ειδικού εξαρτήματος (πλαστικής τάπας) στο ταυ
Installation of special accessory (plastic end cover) onto t-profile



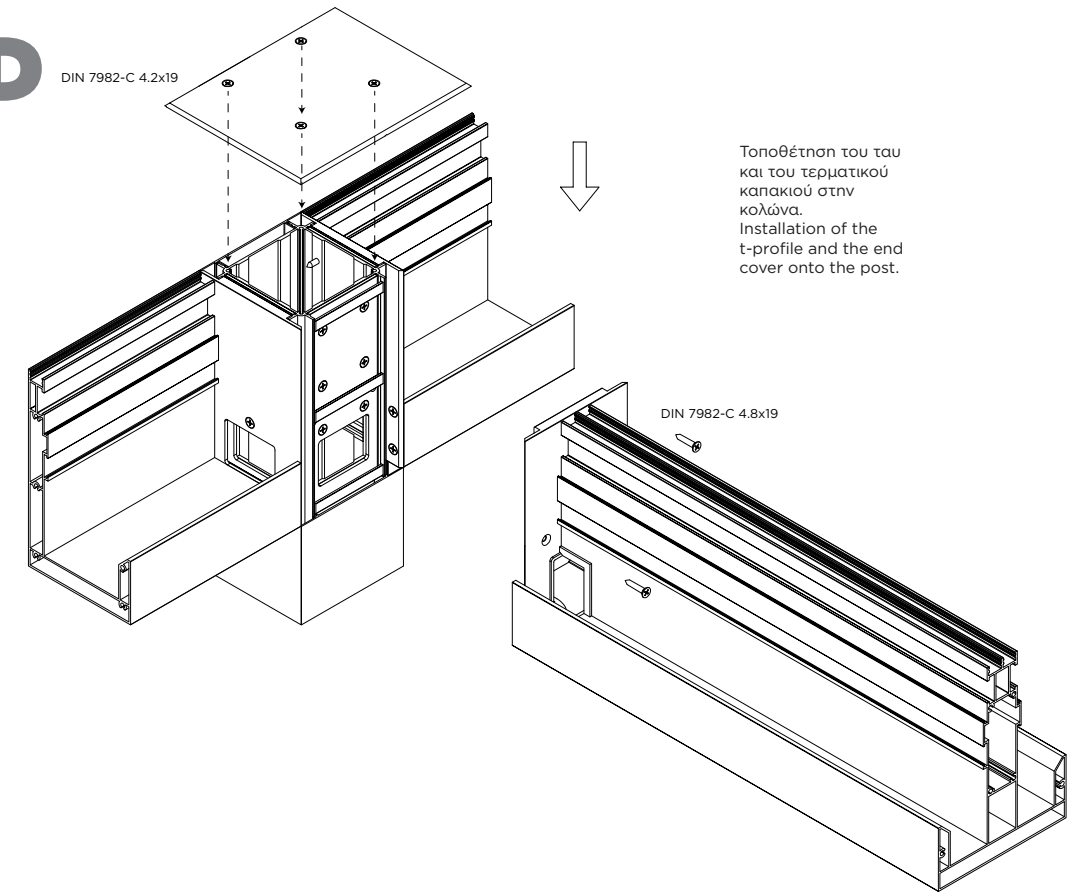
5C

Τοποθέτηση εξαρτήματος κρεμάστρας και εξαρτήματος οδηγού απορροής βρόχινου νερού στο ταυ.
Installation of the hook connector and of the water drainage guide accessory onto the t-profile.



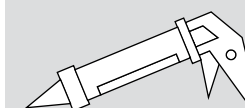
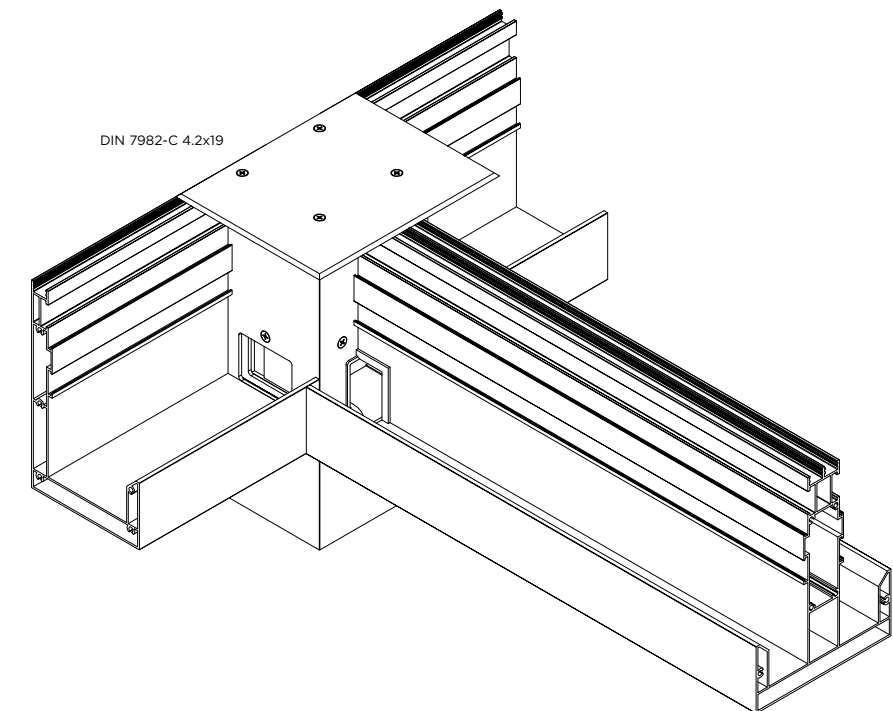
5D

DIN 7982-C 4.2x19



Τοποθέτηση του ταυ και του τερματικού καπακιού στην κολώνα.
Installation of the t-profile and the end cover onto the post.

DIN 7982-C 4.2x19

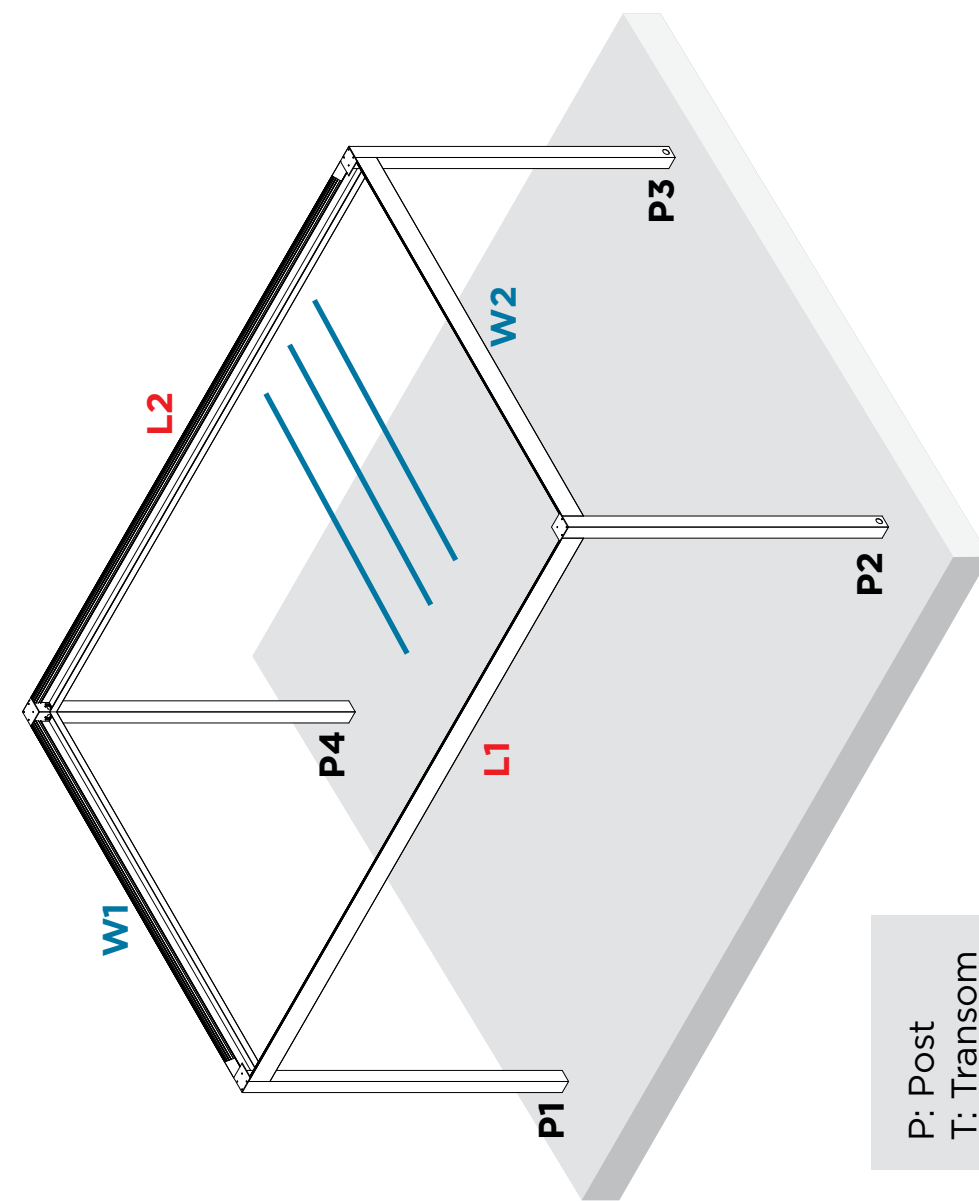


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ΚΩΔΙΚΟΠΟΙΗΣΗ CODING

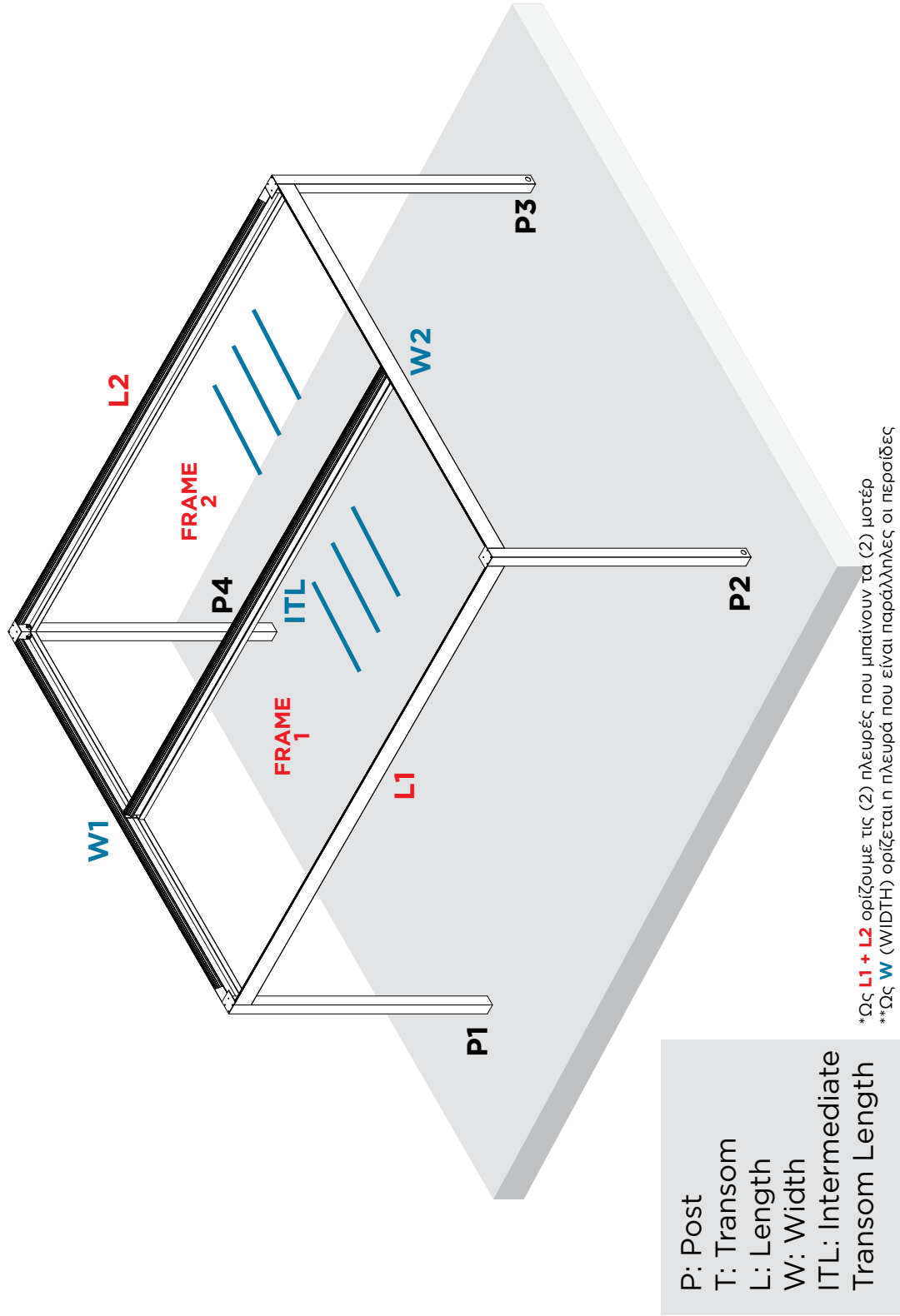
ΚΩΔΙΚΟΠΟΙΗΣΗ ΣΤΕΛΕΧΩΝ ΚΑΤΑΣΚΕΥΗΣ ΤΥΠΙΚΗΣ ΠΕΡΓΚΟΛΑΣ ΧΩΡΙΣ ΤΑΥ
CODING FOR STRUCTURAL MEMBERS OF TYPICAL PERGOLA WITHOUT T-PROFILE



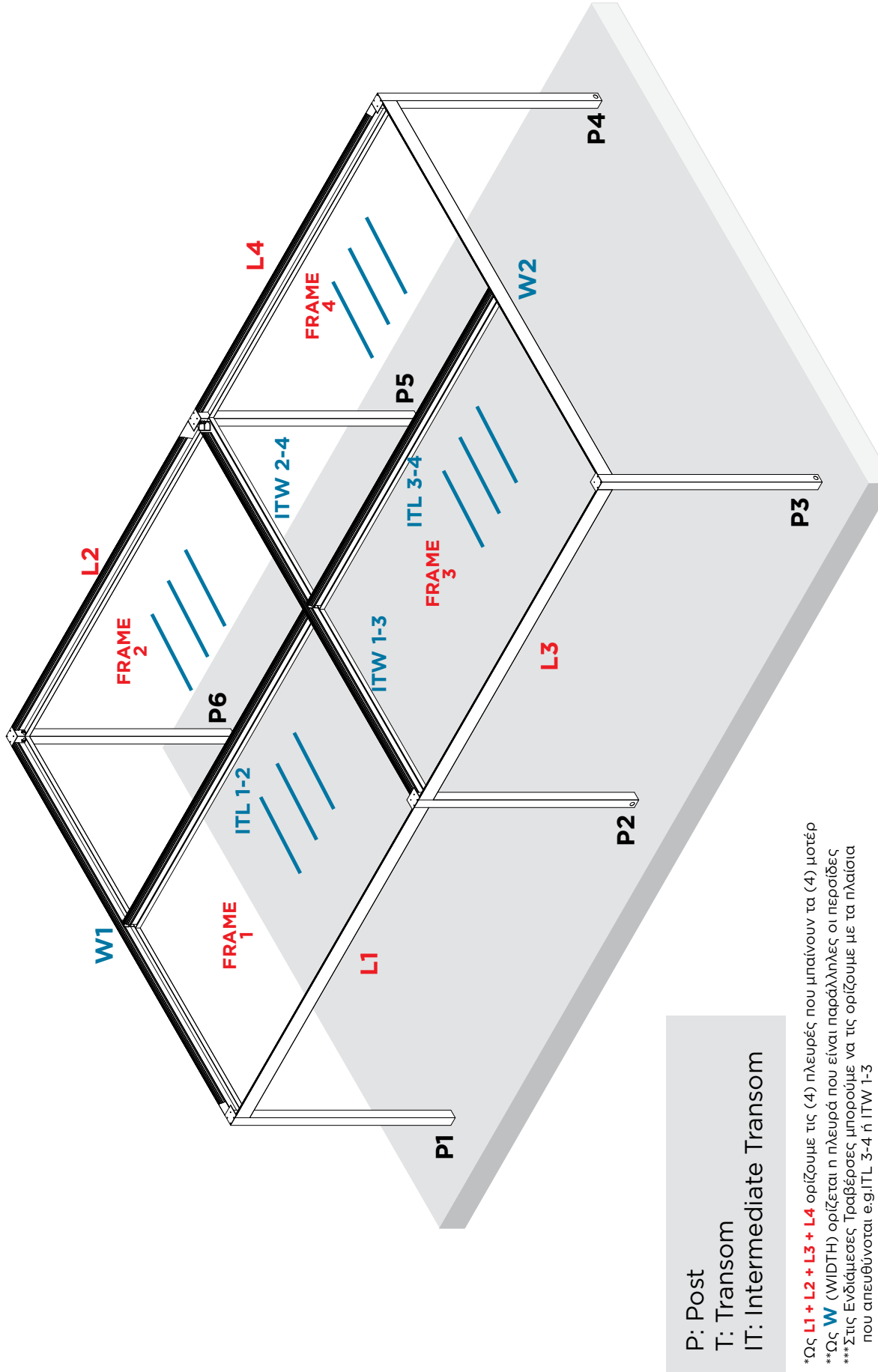
P: Post
T: Transom
L: Length
W: Width

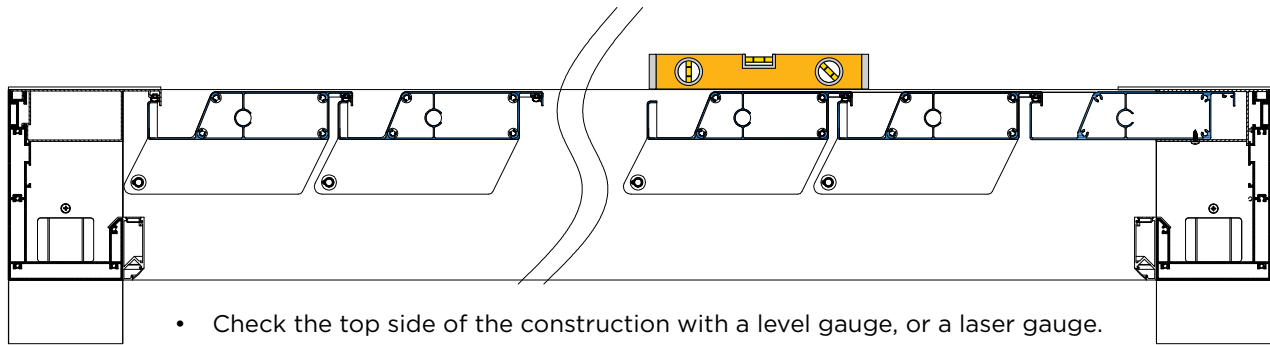
*Ως **L1** ορίζουμε την πλευρά που μπαίνει το μοτέρ
Ως **W (WIDTH) ορίζεται η πλευρά που είναι παράλληλες οι περσίδες

ΚΩΔΙΚΟΠΟΙΗΣΗ ΣΤΕΛΕΧΩΝ ΚΑΤΑΣΚΕΥΗΣ ΤΥΠΙΚΗΣ ΠΕΡΓΚΟΛΑΣ ΜΕ ΤΑΥ
CODING FOR STRUCTURAL MEMBERS OF TYPICAL PERGOLA WITH T-PROFILE

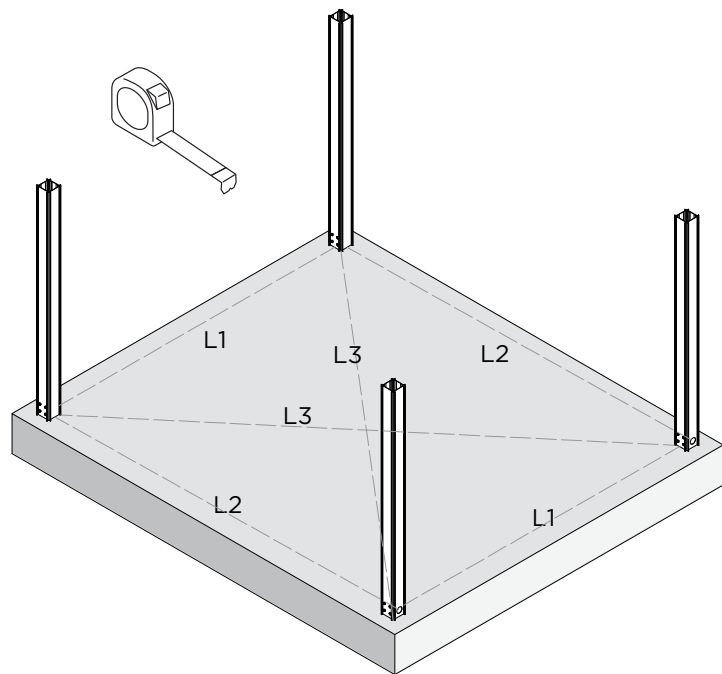
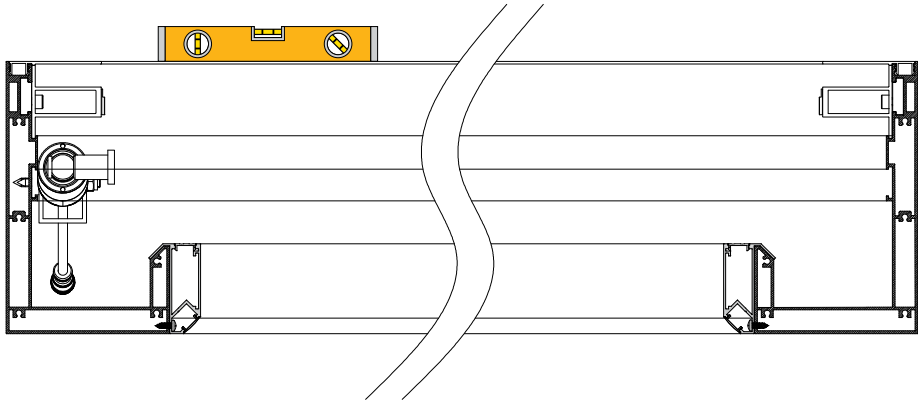


ΚΩΔΙΚΟΠΟΙΗΣΗ ΣΤΕΛΕΧΩΝ ΚΑΤΑΣΚΕΥΗΣ ΤΥΠΙΚΗΣ ΠΕΡΓΚΟΛΑΣ ΜΕ ΤΑΥ ΣΕ ΣΤΑΥΡΟ
CODING FOR STRUCTURAL MEMBERS OF TYPICAL PERGOLA WITH CROSS T-PROFILE





- Check the top side of the construction with a level gauge, or a laser gauge.
- If necessary adjust the construction.
- Move the vertical poles upward until the top side of the construction is completely level.
- Check perpendicularity through the following dimension (L1+-2mm). Also check the diagonals, and top side.



APS20-1202 PIN SET ΣΤΙΣ ΤΑΠΕΣ ΠΕΡΣΙΔΩΝ APS20-1101
APS20-1202 PIN SET ONTO LOUVER COVERS APS20-1101

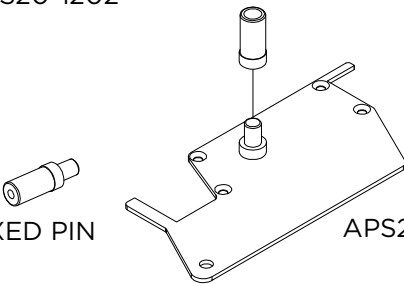
STEP-01

APS20-1202

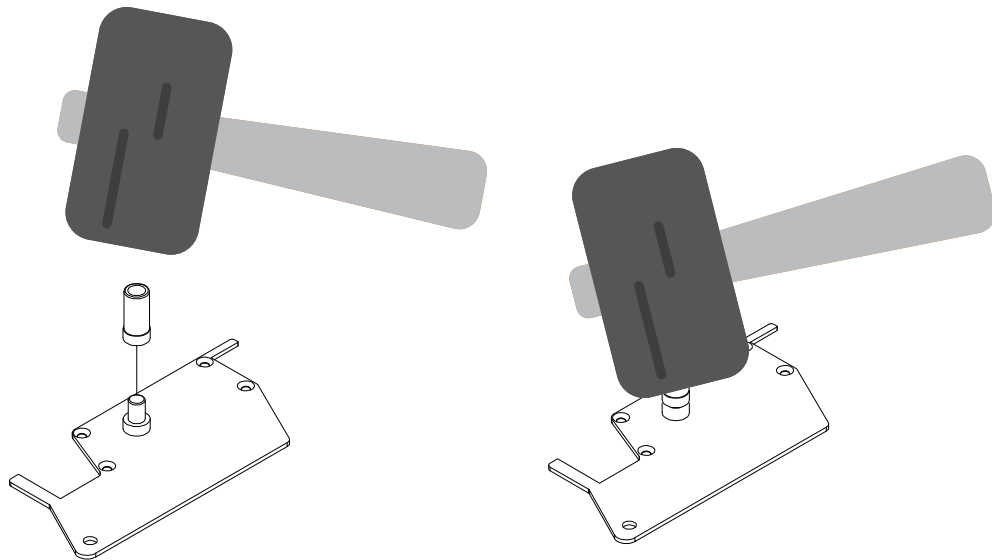
DISMANTLED SLEEVE FROM APS20-1202
PUSH-PIN, TO USE AS HAMMERED
PROTECTION SLEEVE

FIXED PIN

APS20-1101



STEP-02

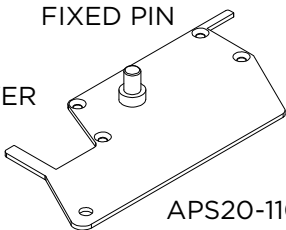


STEP-03

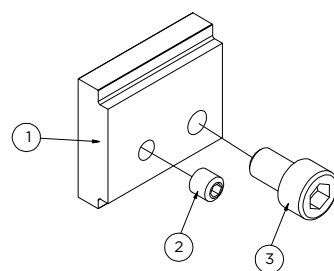
WE HAVE SECURELY FIXED BOTH
APS20-1202 PIN TYPES ONTO LOUVER
COVER APS20-1101

FIXED PIN

APS20-1101

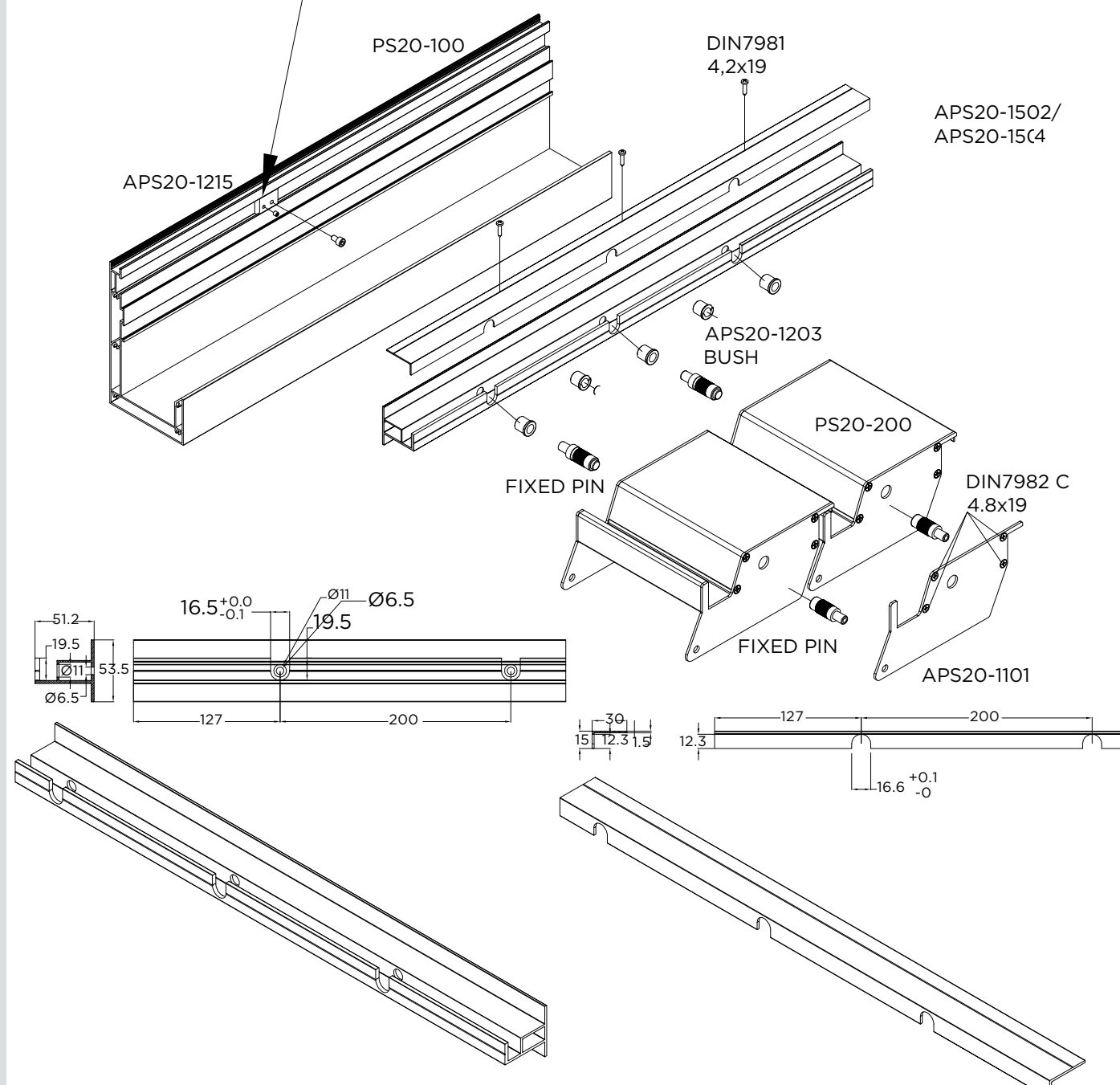


ΠΛΑΚΑ ΠΡΟΣΔΕΣΗΣ APS20-1215
FIXING PLATE APS20-1215

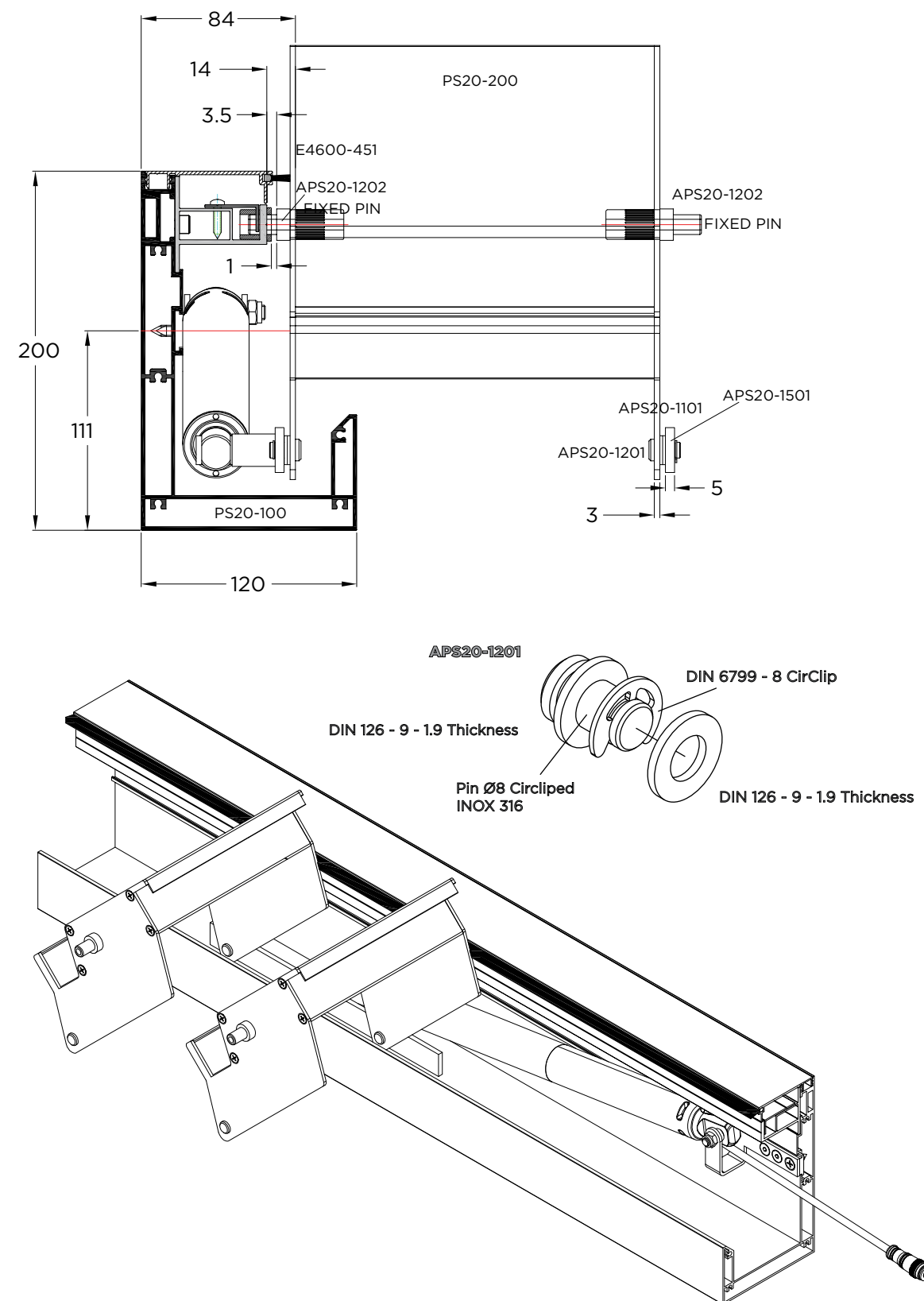


PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	APS20-1215	FIXING PLATE	ALUMINUM 6060-T66
2	1	DIN 913 - M5 x 5	Hexagon Socket Set Screw	STAINLESS STEEL
3	1	DIN 912 - M6 x 10	Cylinder Head Cap Screw	STAINLESS STEEL

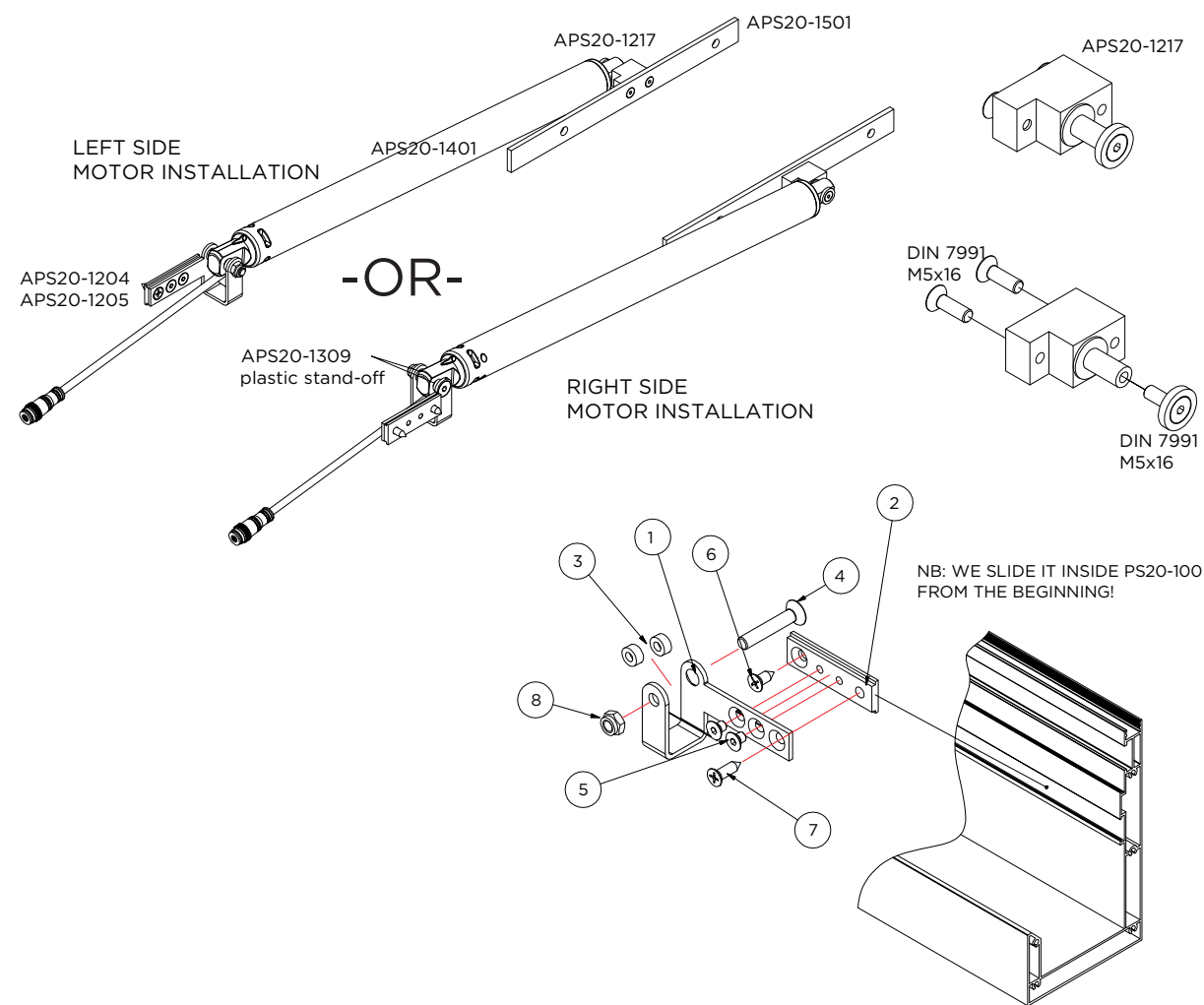
NB: WE CONNECT (1) COMPONENT EVERY (2)
LOUVER BUSH HOLES (EVERY 400mm DISTANCE).



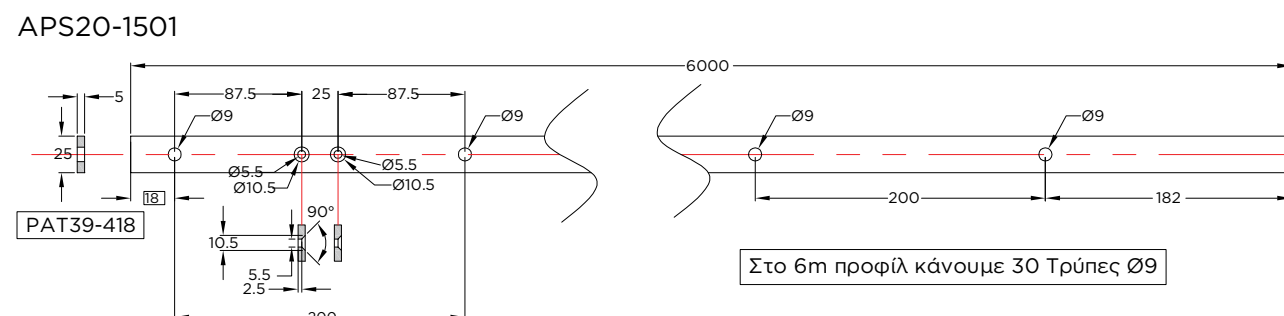
ΣΥΝΔΕΣΗ MOTER-01
MOTOR FIXATION-01



ΣΥΝΔΕΣΗ MOTER-02
MOTOR FIXATION-02



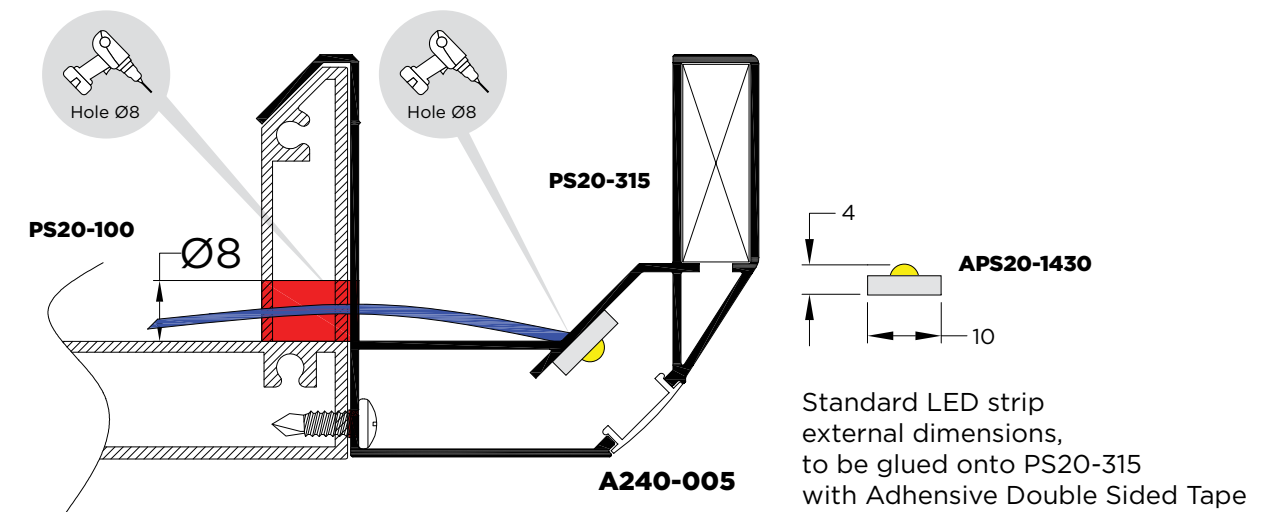
PARTS LIST				
ITEM	QTY	PAR NUMBER	DESCRIPTION	MATERIAL
1	1	APS20-1204	MOUNTING BRACKET-01	STAINLESS STEEL
2	1	APS20-1205	MOUNTING BRACKET-02	ALUMINUM 6063-T66
3	2	APS20-1309	Piston Stand-Off	BRASS
4	1	DIN 7991 - M8x45	Hexagon socket countersunk head cap screws	STAINLESS STEEL
5	2	DIN 7991 - M6x8	Hexagon socket countersunk head cap	STAINLESS STEEL
6	1	DIN 7982-C - 6.3x16	SheetMetal Screw Countersunk	STAINLESS STEEL
7	1	DIN 7982-C - 6.3x22	SheetMetal Screw Countersunk	STAINLESS STEEL
8	1	DIN 985-M8	Hex Lock Nut	STAINLESS STEEL



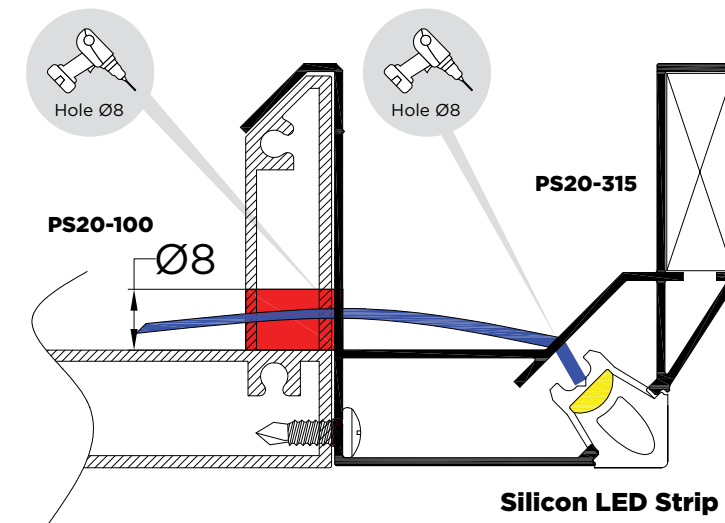
XPHΣH LED / USE OF LED

LED ΤΑΙΝΙΑ ΣΥΝΔΕΣΗ ΜΕ ΠΡΟΦΙΛ PS20-304
LED STRIP FIXATION ONTO PS20-304

STANDARD LED USE



DELICATE LED USE



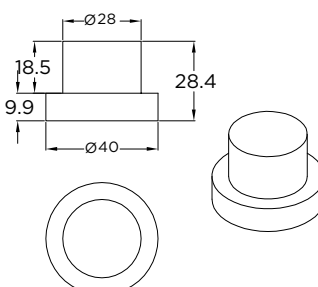
Η χρήση σιλικόνης είναι υποχρεωτική σε όλα τα σημεία της κατασκευής στα οποία έχουμε αρμούς, στοιχεία στήριξης και συνδέσεις εξαρτημάτων μεταξύ τους και από τα οποία υπάρχει πάντα ο κίνδυνος να περάσει το βρόχινο νερό με κατεύθυνση προς το εσωτερικό της πέργολας.

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ΣΥΝΔΕΣΗ LED SPOT ΣΤΗΝ ΠΕΡΣΙΔΑ PS20-200
FIXATION LED SPOT ONTO LOUVER PS20-200

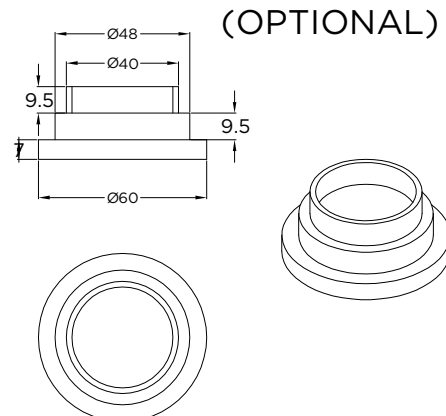


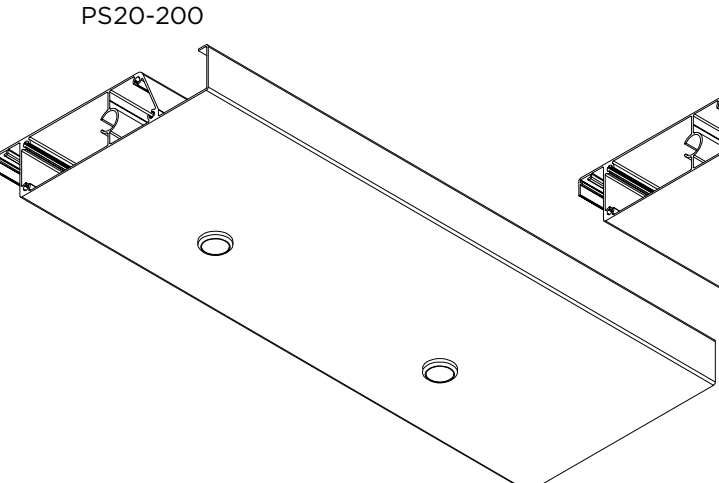
APS20-1405



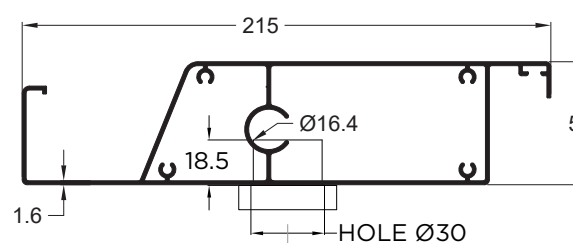


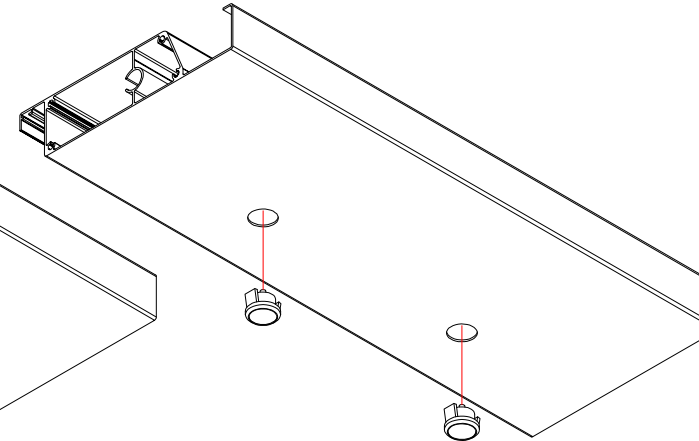
(OPTIONAL)



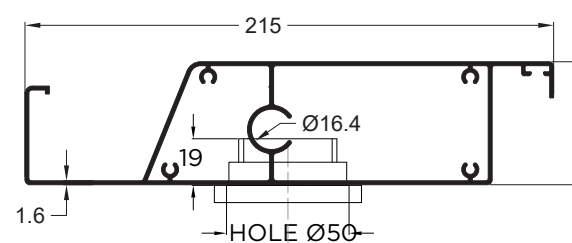


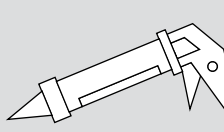
PS20-200



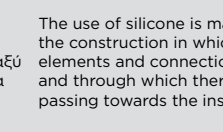


(OPTIONAL)





Η χρήση σιλικόνης είναι υποχρεωτική σε όλα τα σημεία της κατασκευής στα οποία έχουμε αρμούς, στοιχεία στήριξης και συνδέσεις εξαρτημάτων μεταξύ τους και από τα οποία υπάρχει πάντα ο κίνδυνος να περάσει το βρόχινο νερό με κατεύθυνση προς το εσωτερικό της πέργκολας.



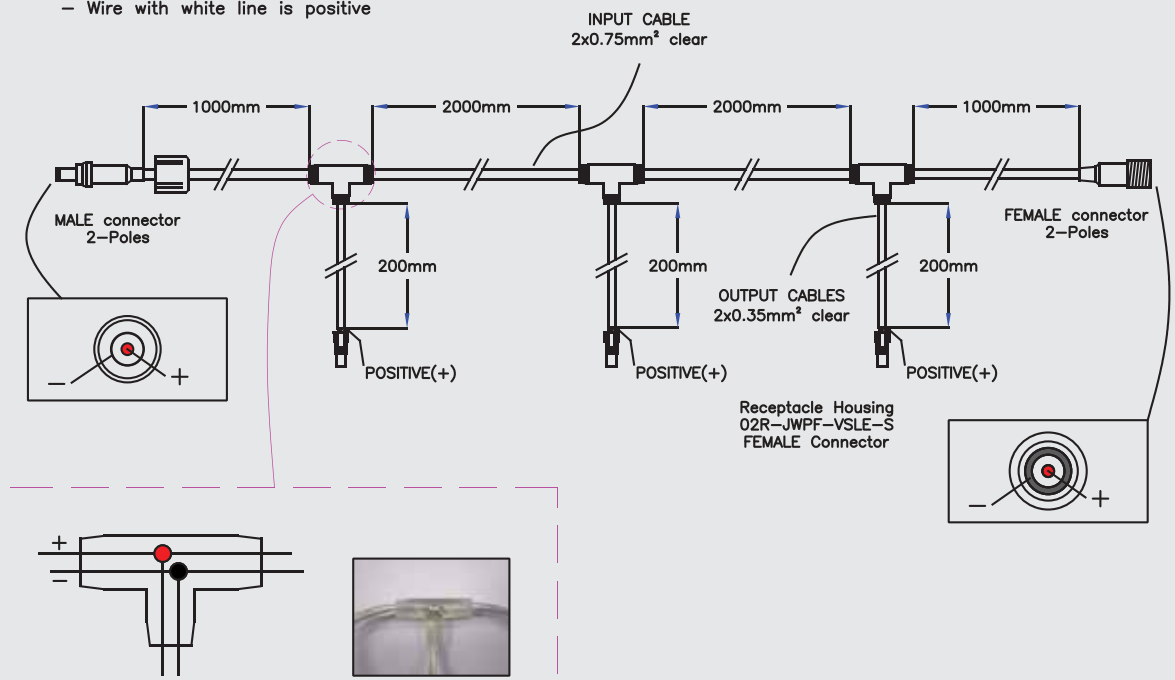
The use of silicone is mandatory in all parts of the construction in which we have joints, support elements and connections of parts between them and through which there is always a risk of rainwater passing towards the inside of the pergola.

ΣΥΝΔΕΣΗ ΚΑΛΩΔΙΟΥ SPOT ΣΤΟ ΣΤΑΘΕΡΟ ΠΕΙΡΟ APS20-1202
CABLE CONNECTION OF SPOT TO FIXED PIN APS20-1202

NOTES

- Double insulation
- IP65
- Wire with white line is positive

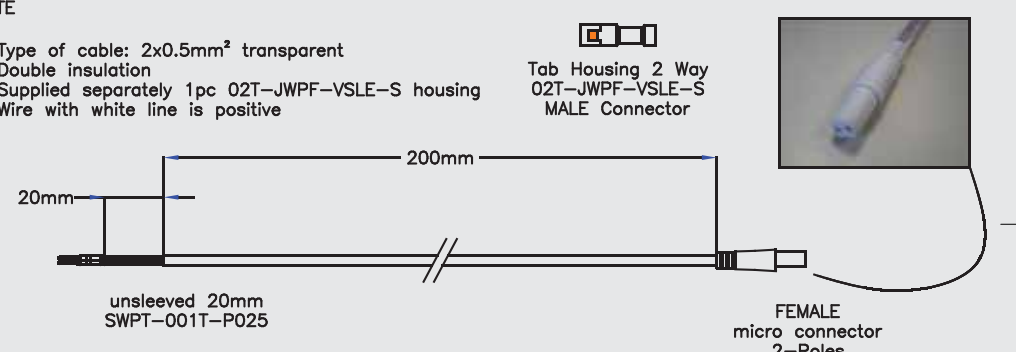
APS20-1407

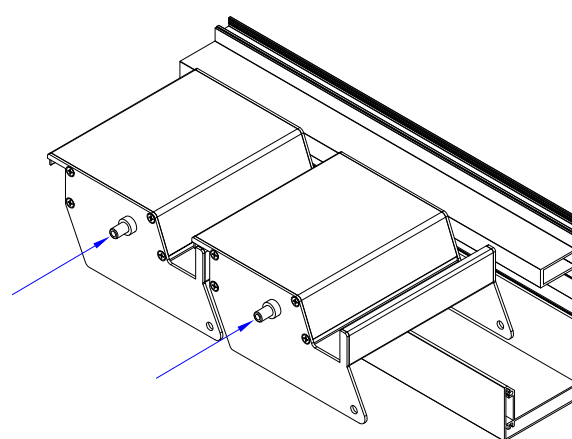


NOTE

- Type of cable: 2x0.5mm² transparent
- Double insulation
- Supplied separately 1pc 02T-JWPF-VSLE-S housing
- Wire with white line is positive

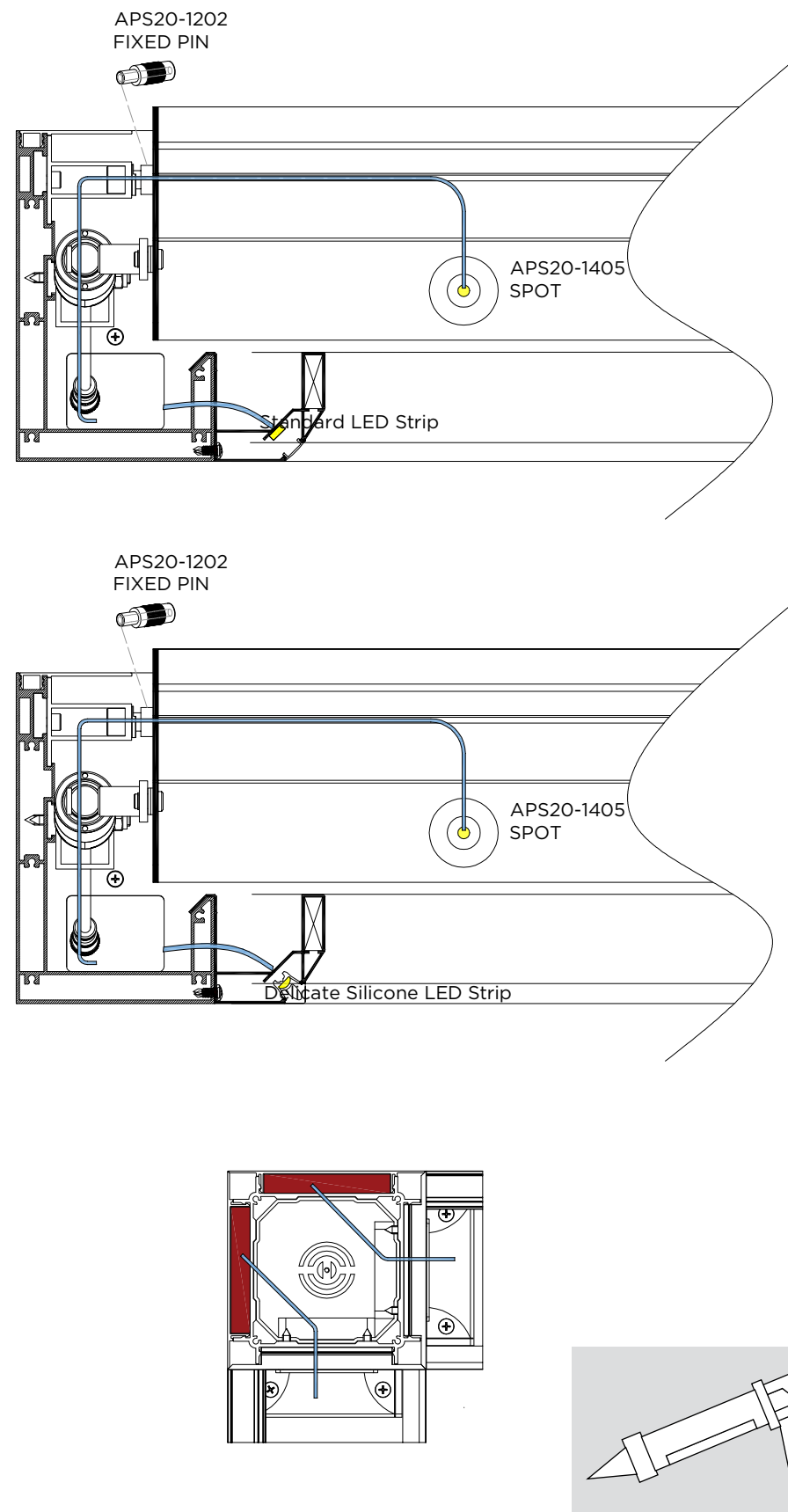
APS20-1409



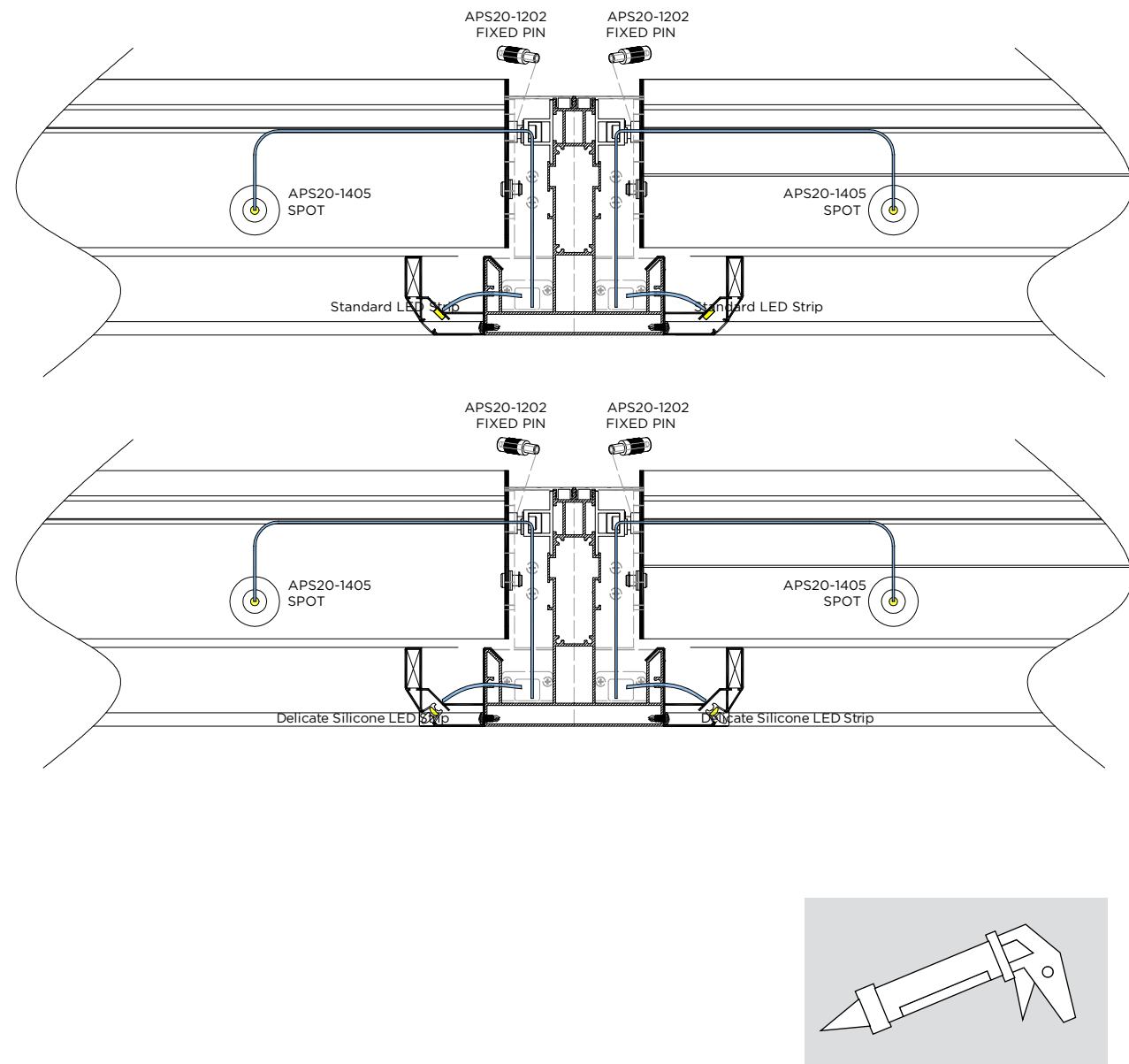


FIXED PIN
APS20-1202
(Φ6mm)

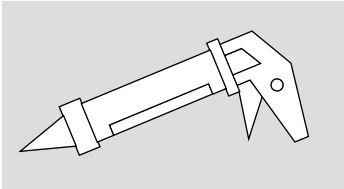
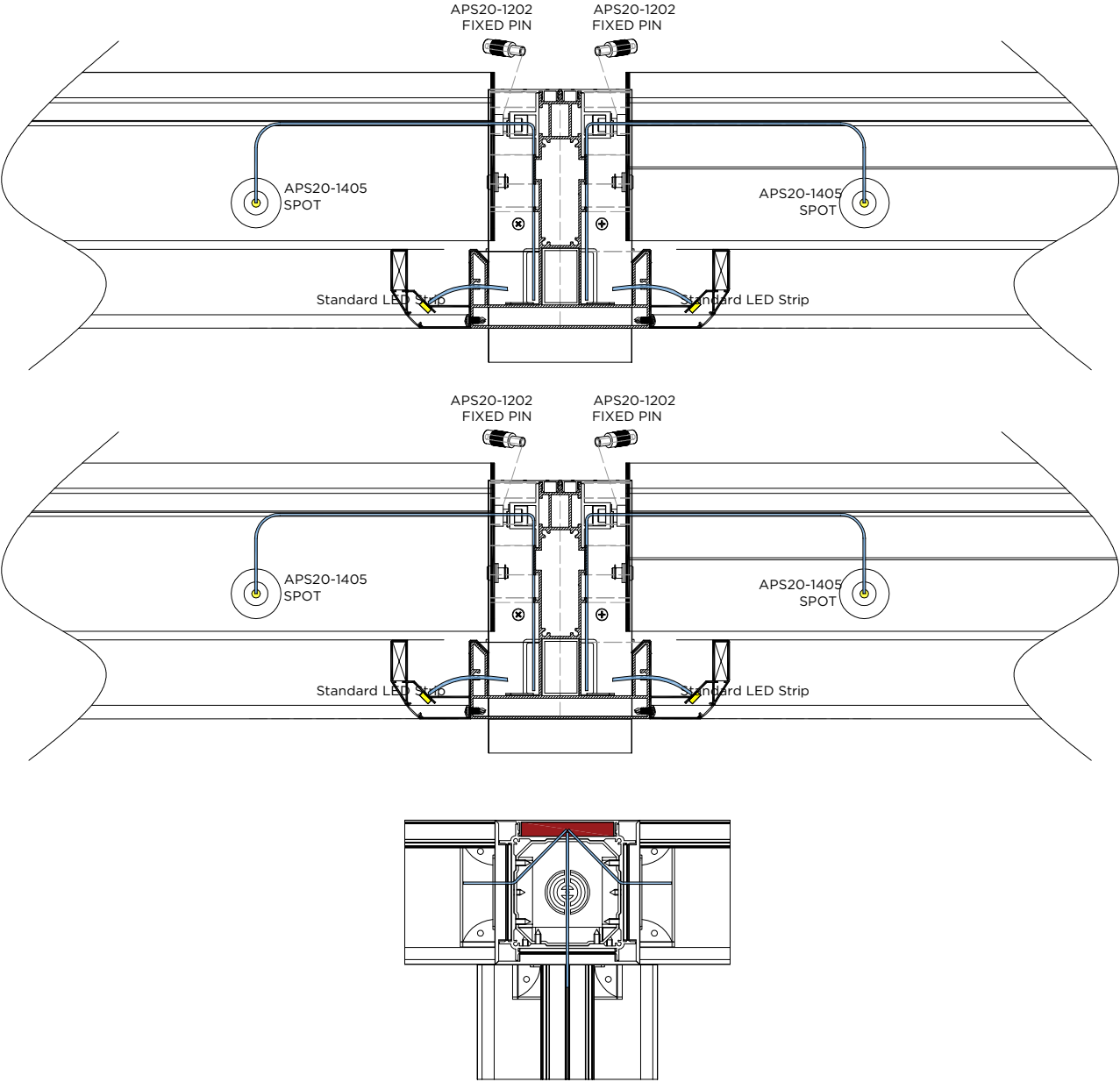
ΚΑΛΩΔΙΩΣΗ LED STRIP + LED SPOT ΣΕ ΓΩΝΙΑΚΗ ΚΟΛΩΝΑ
CABLE LINES LED STRIP + LED SPOT FOR CORNER POST



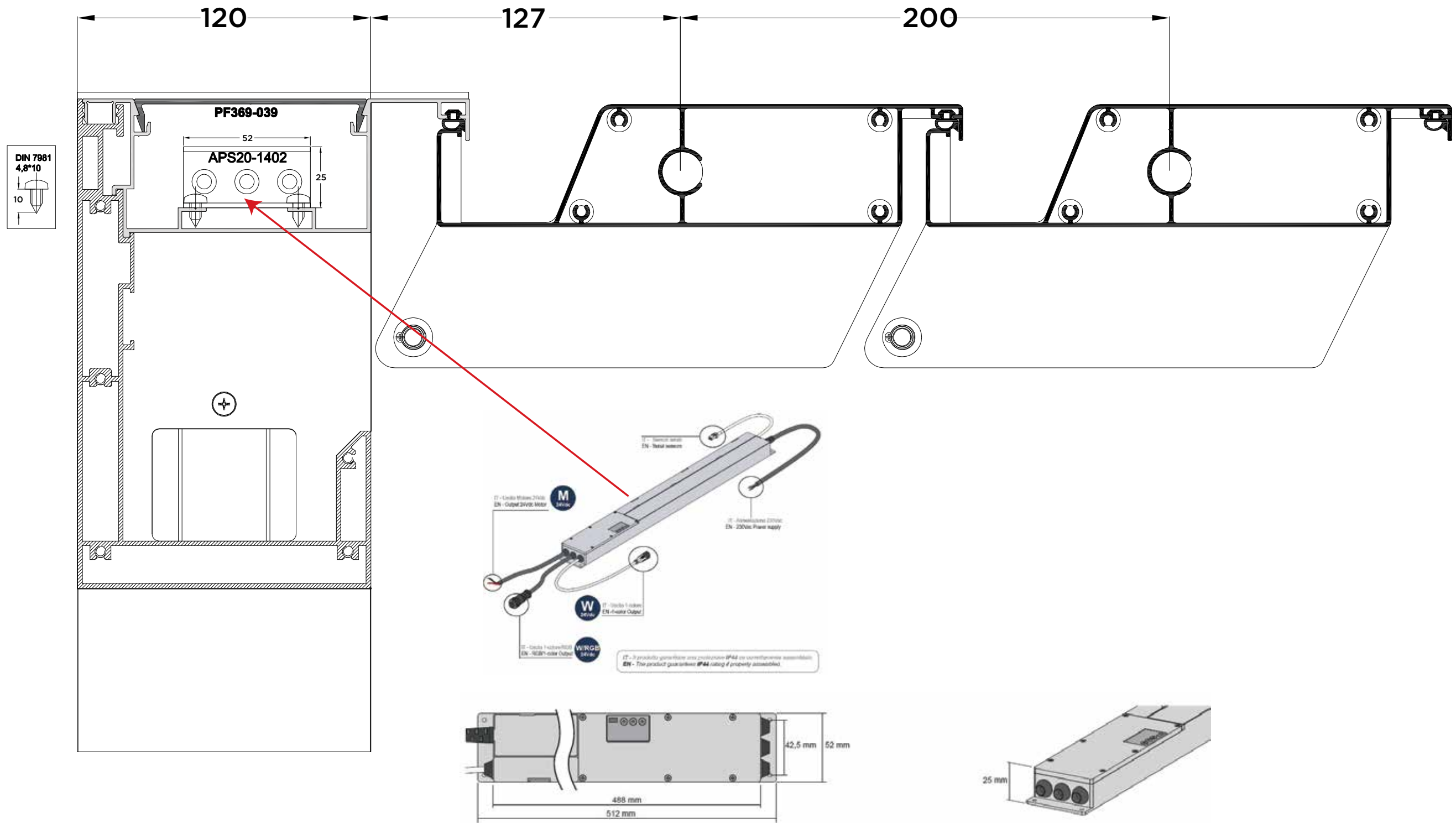
ΚΑΛΩΔΙΩΣΗ LED STRIP + LED SPOT ΣΕ ΤΕΓΙΔΑ - TAY
CABLE LINES LED STRIP + LED SPOT FOR TRANSOM - T PROFILE



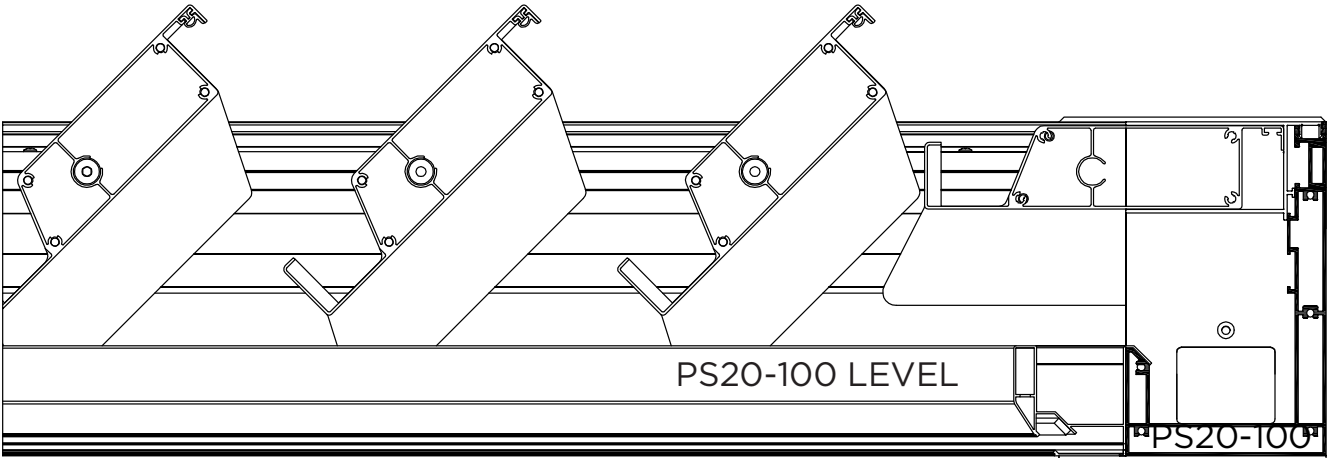
ΚΑΛΩΔΙΩΣΗ LED STRIP + LED SPOT ΣΕ ΜΕΣΑΙΑ ΚΟΛΩΝΑ
CABLE LINES LED STRIP + LED SPOT FOR INTERMEDIATE POST



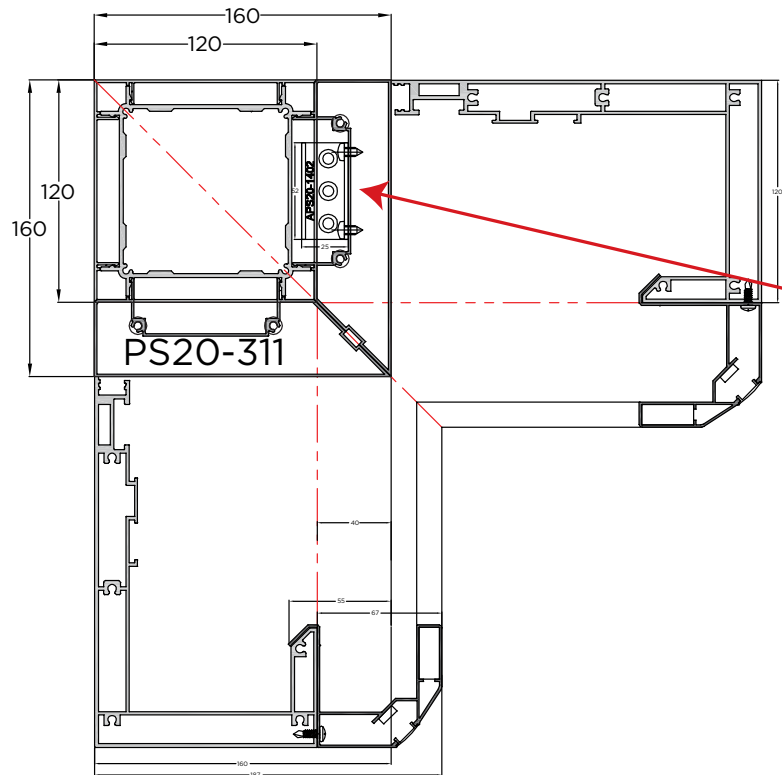
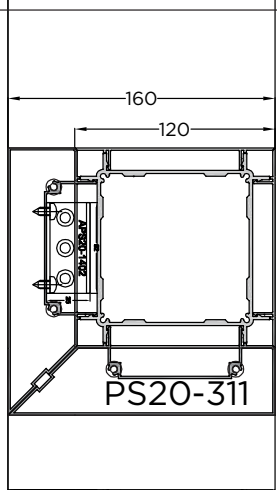
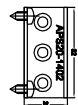
MCU INSTALLATION (Motor Control Unit) INTERNAL TO PS20-301



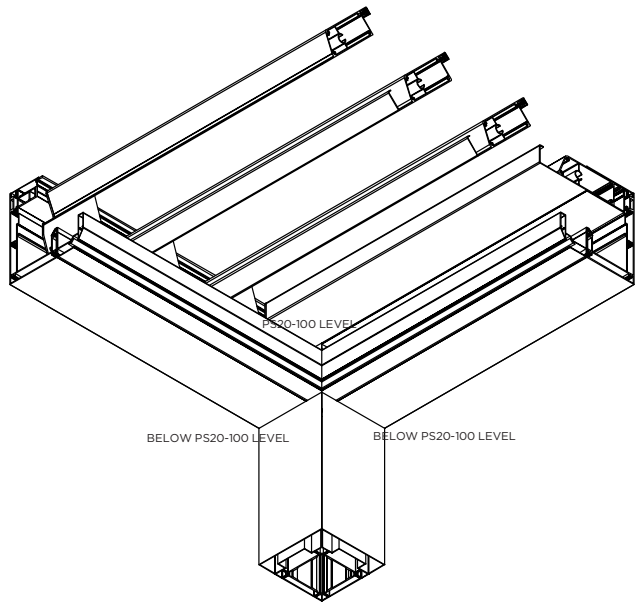
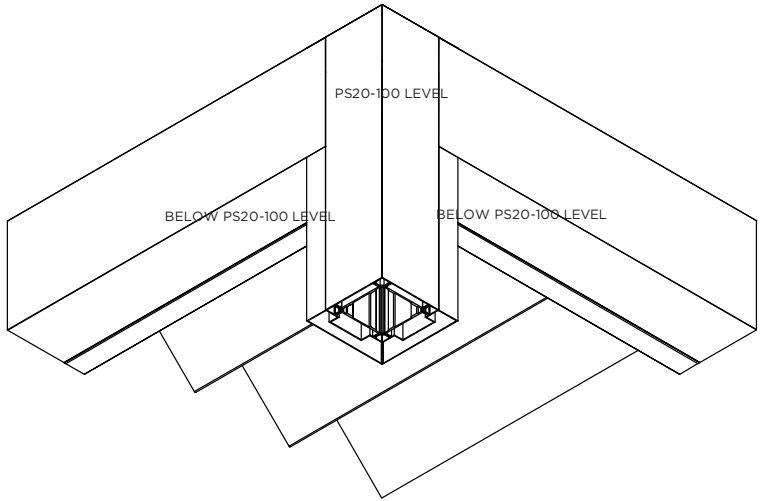
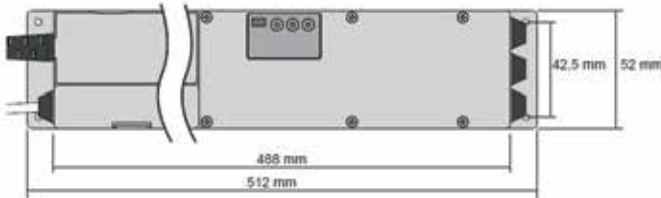
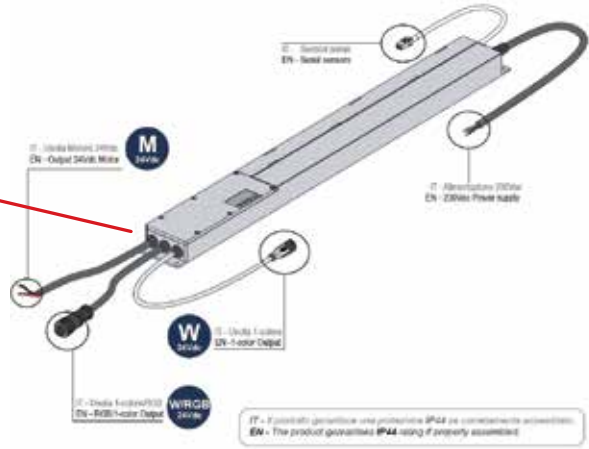
2ος ΤΡΟΠΟΣ ΤΟΠΟΘΕΤΗΣΗΣ ΤΟΥ MCU (Motor Control Unit) ΕΣΩΤΕΡΙΚΑ ΤΟΥ PS20-311
2nd WAY OF MCU INSTALLATION (Motor Control Unit) INTERNAL TO PS20-311

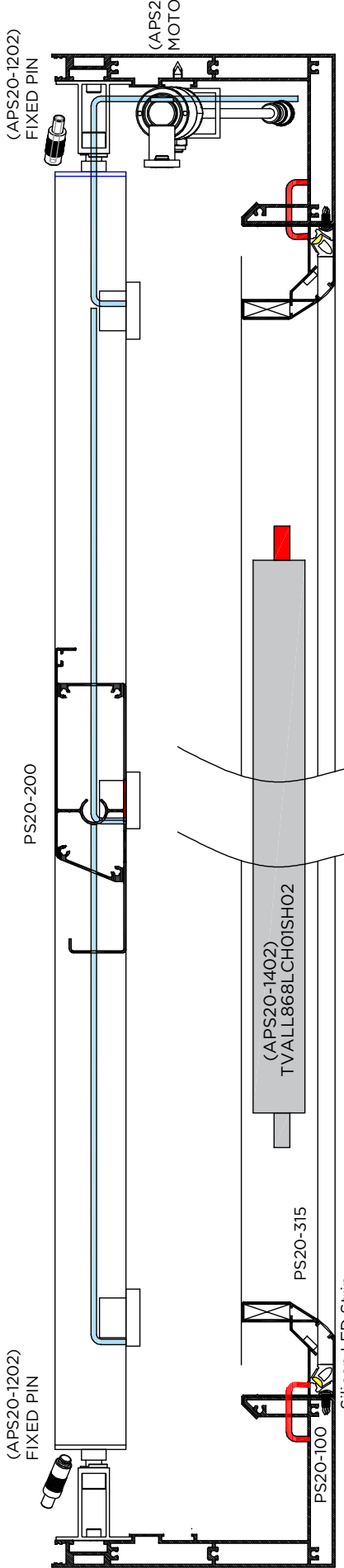
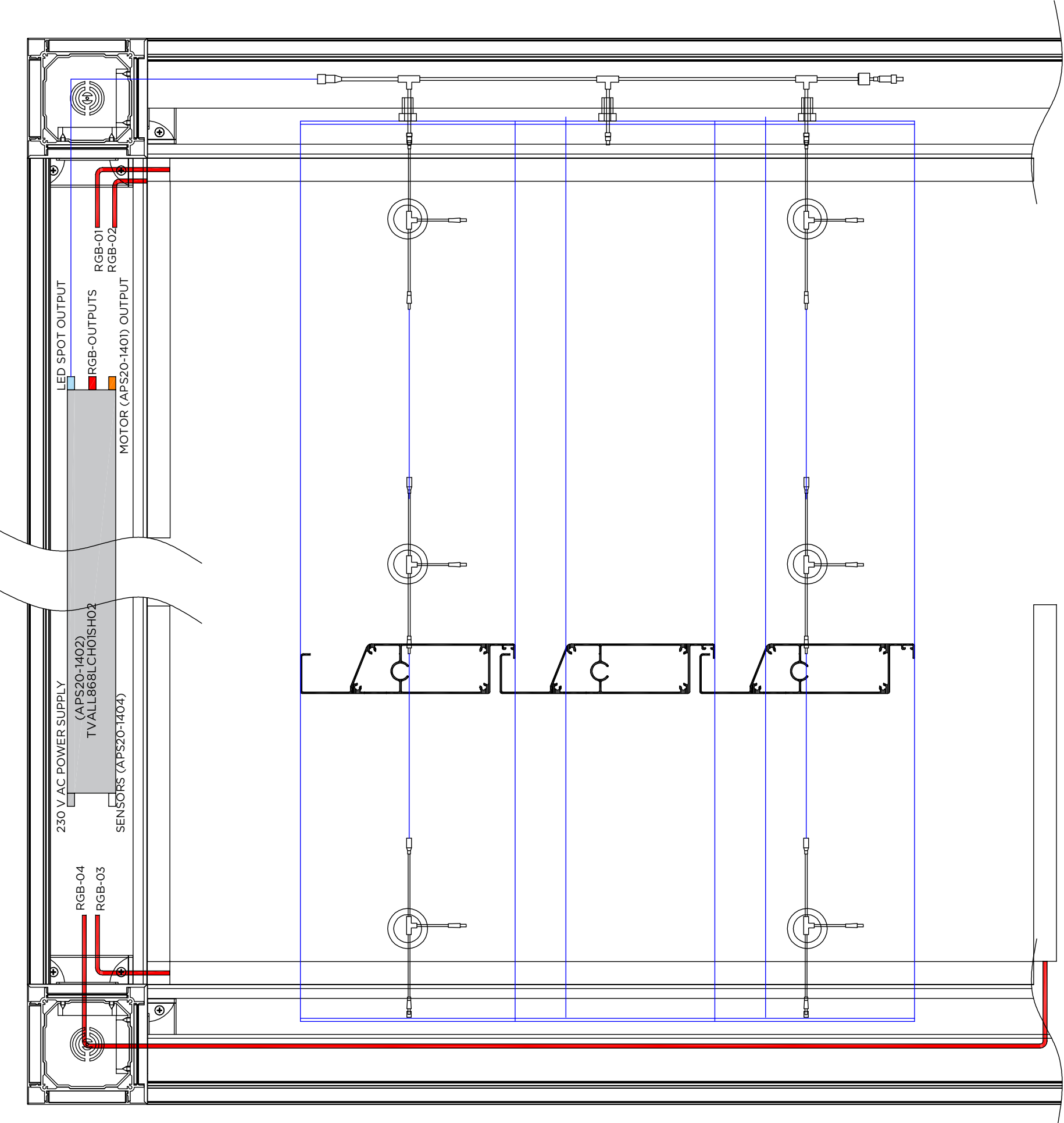


BELOW PS20-100 LEVEL
WITH MOTOR MCU
CONCEALED INSIDE
PS20-311



PS20-100







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