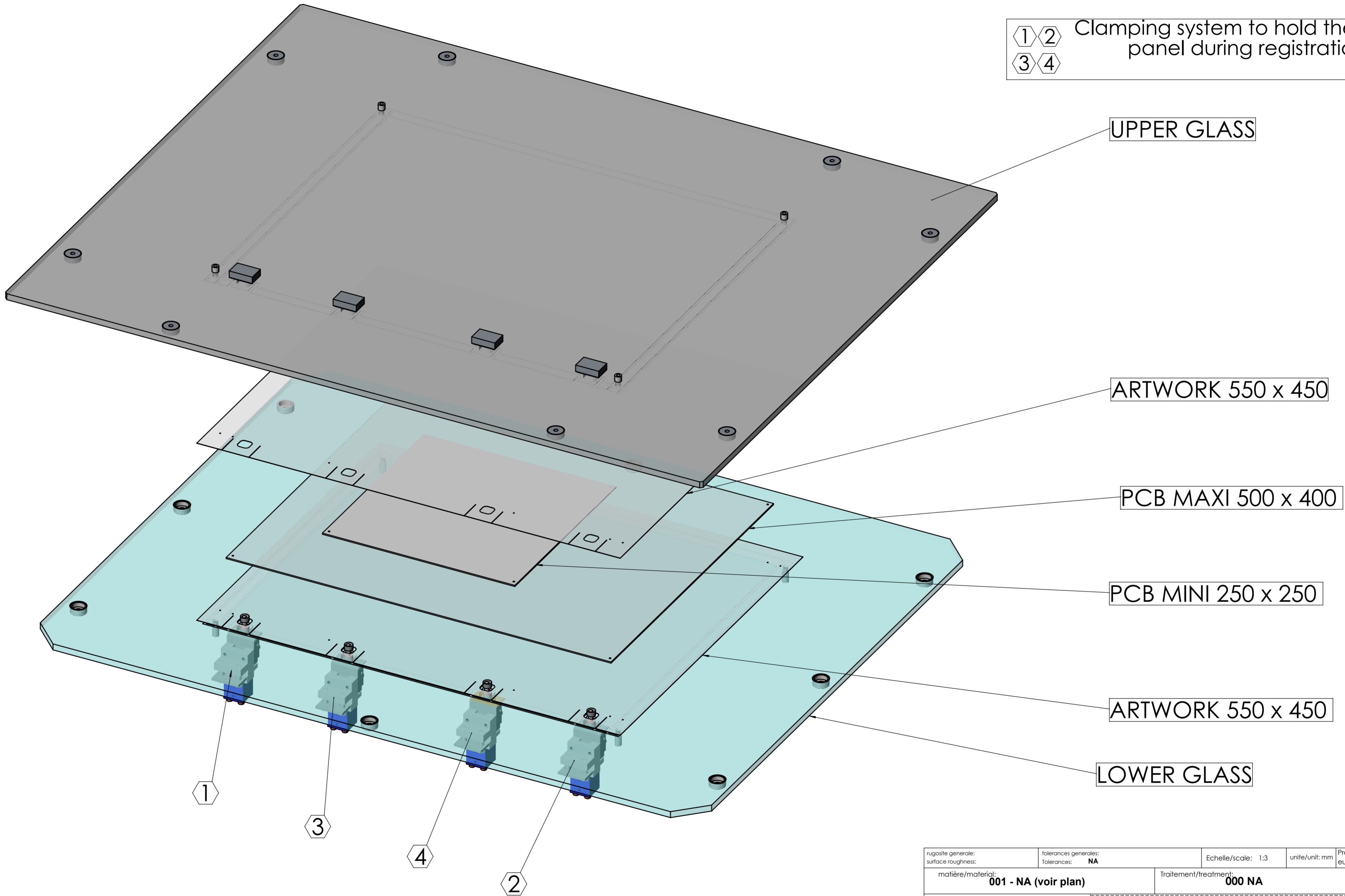


Indice	Description de la modification	Date	Nom
1		09/06/2015	CDU

EXPLODED VIEW OF REGISTRATION

1 2 Clamping system to hold the panel during registration
3 4



UPPER GLASS


ARTWORK 550 x 450

PCB MAXI 500 x 400

PCB MINI 250 x 250

ARTWORK 550 x 450

LOWER GLASS

rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/material: 001 - NA (voir plan)		Traitement/treatment: 000 NA		
XXX	COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01
 Tel : 02.32.63.36.36 Fax : 02.32.63.36.37		Feuille/leaf: 1 / 7	Format A2	
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Poids/weight:		D.A.O: Solidworks		

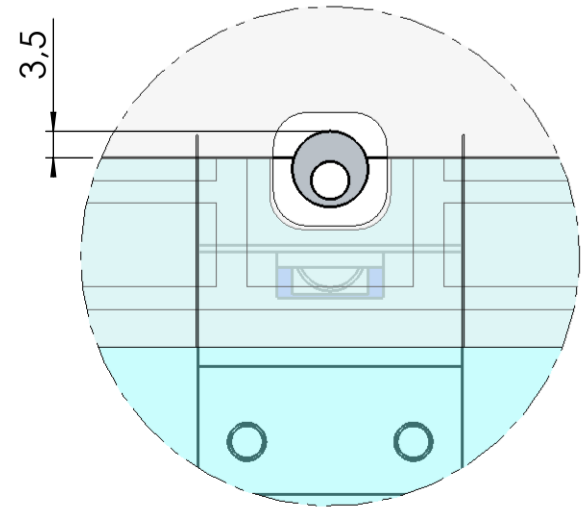
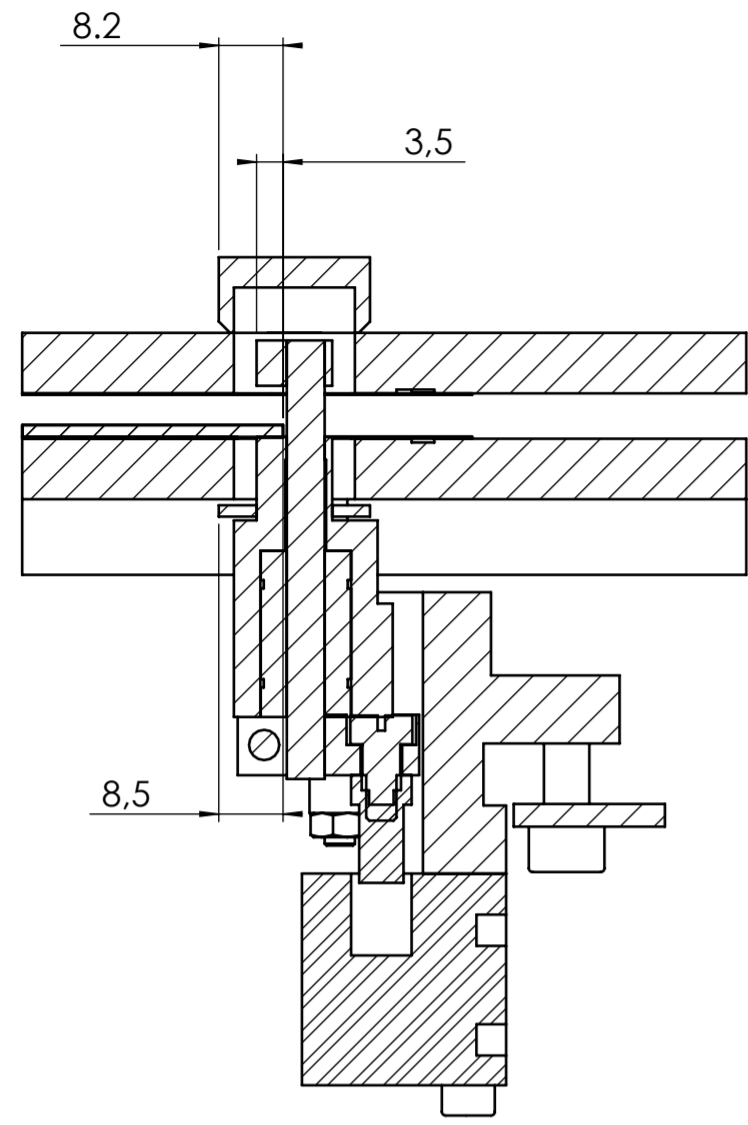
Lower glass

ARTWORK 450 x 550

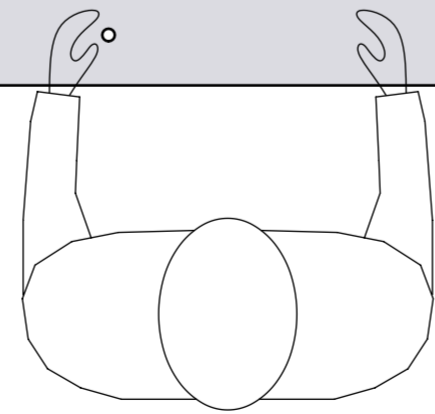
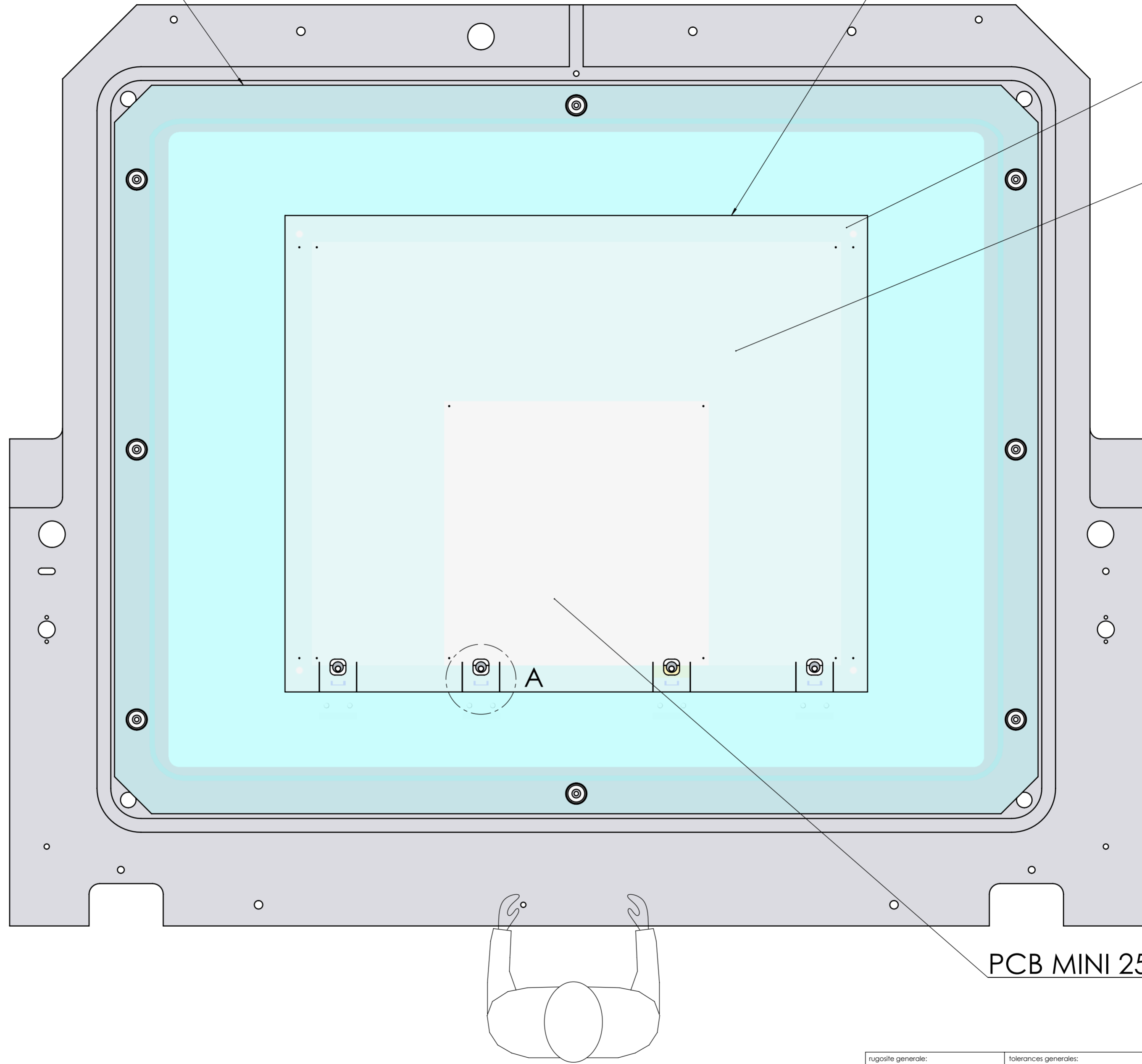
Vacuum grooves

PCB MAXI 500 x 400

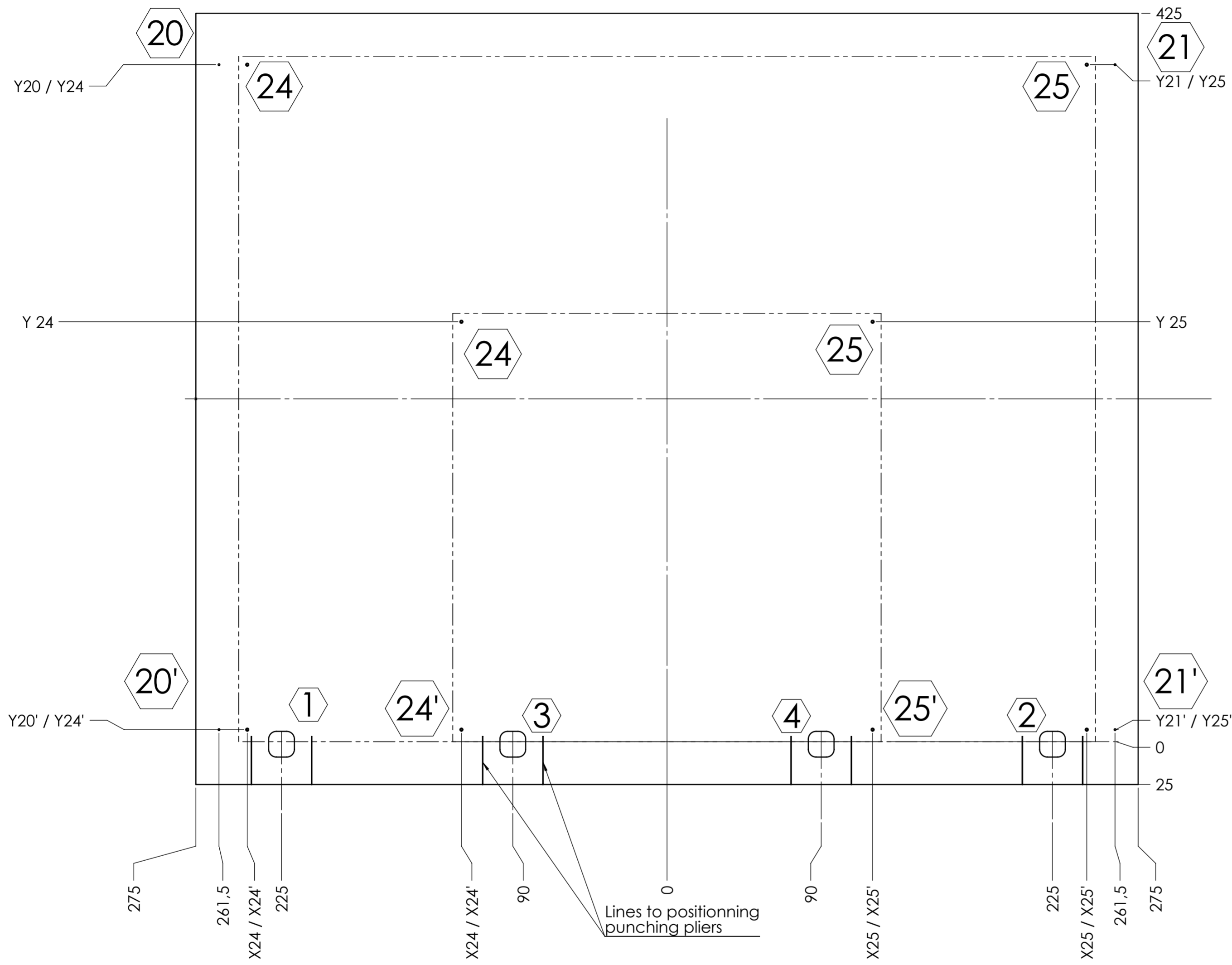
PCB MINI 250 x 250



DÉTAIL A
ECHELLE 1 : 1



rugosité generale: surface roughness:	tolerances generales: Tolerances: NA	Echelle/scale: 1:3	unite/unit: mm	Projection européenne
matière/material: 001 - NA (voir plan)		Traitement/treatment: 000 NA		
XXX COTE MAJEURE A CONTROLER A LA RECEPTION 		désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01
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Nom/Name: CC		Date: 09/06/15	cartouche du 04/11/2013	
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- 1
2 Clamping system.
 - 3
4 - See detail 1

- 20
21 Targets for the Inner Layers registration.
 - 20'
21' - See detail 3

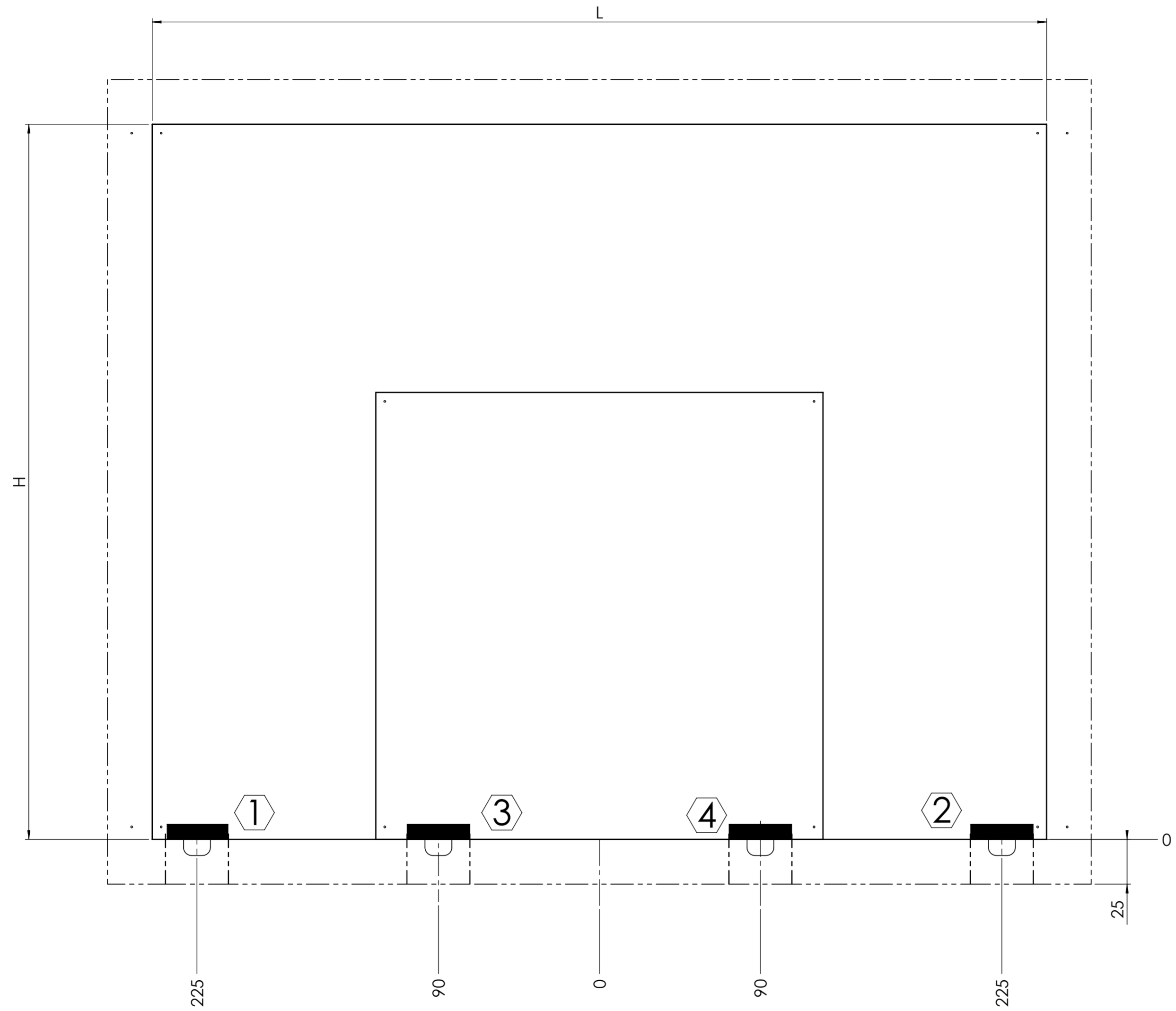
- 24
25 Targets and holes for outer layers registration
 - 24'
25' - See detail 2
 - The accessible positions to locate the targets are determined on page 7/7

Detail of the artworks

This is a view from top of the artworks when it is in exposure unit for the lower artworks, emulsion is above for the upper artworks, emulsion is under

Remark: size accuracy of the artworks: +/-0.5mm

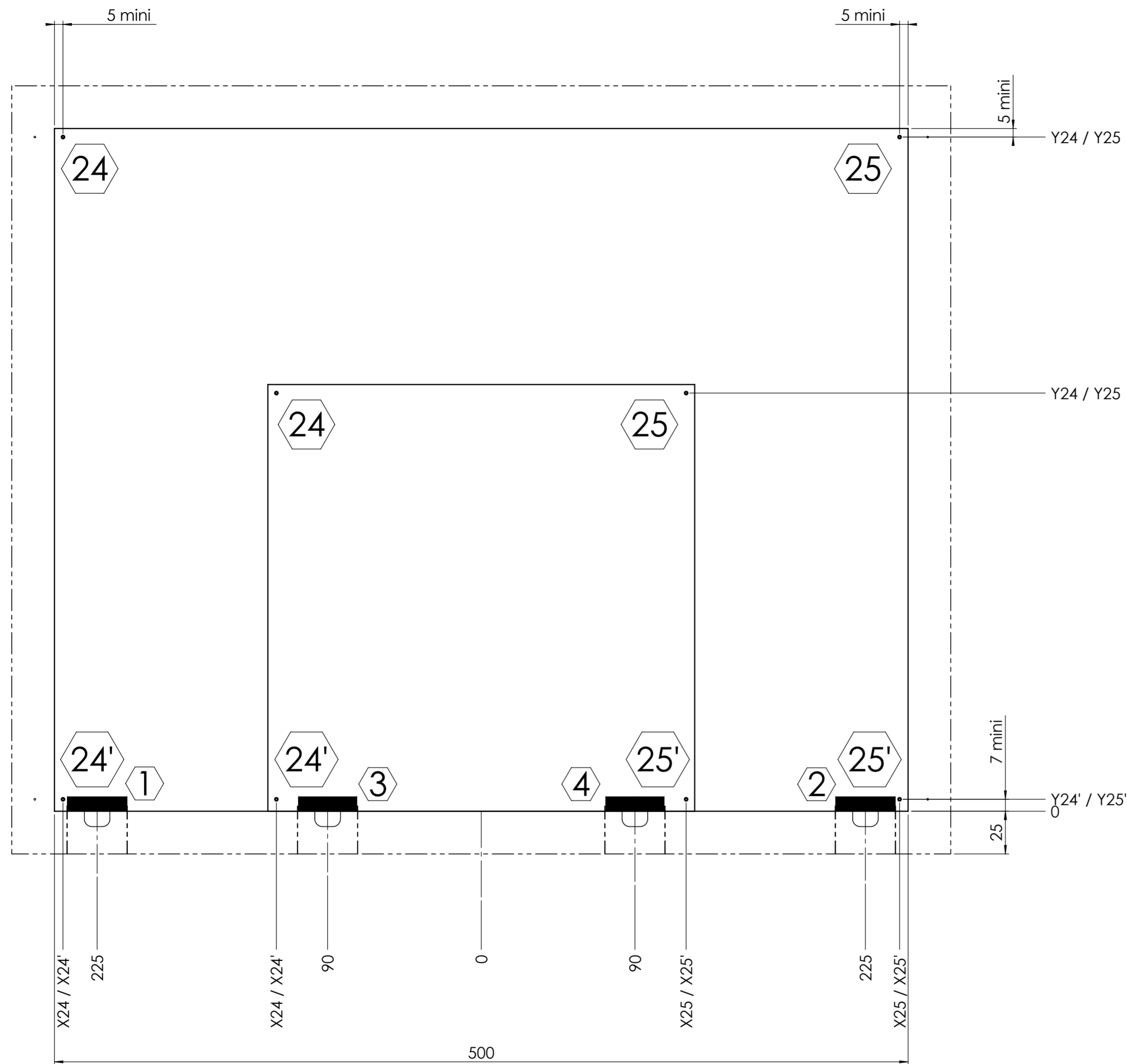
rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/material: 001 - NA (voir plan)		Traitement/treatment: 000 NA		
XXX	COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01
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① ② Shadows
 ③ ④ - See detail C

detail of the PCB
 (Inner layers)

rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/matériau: 001 - NA (voir plan)		traitement/traitement: 000 NA		
XXX COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01	
ALTIX AUTOMATION TECHNOLOGIES Tel : 02.32.63.36.36 Fax : 02.32.63.36.37	Nom/Name: CC	Date: 09/06/15	Format A2	
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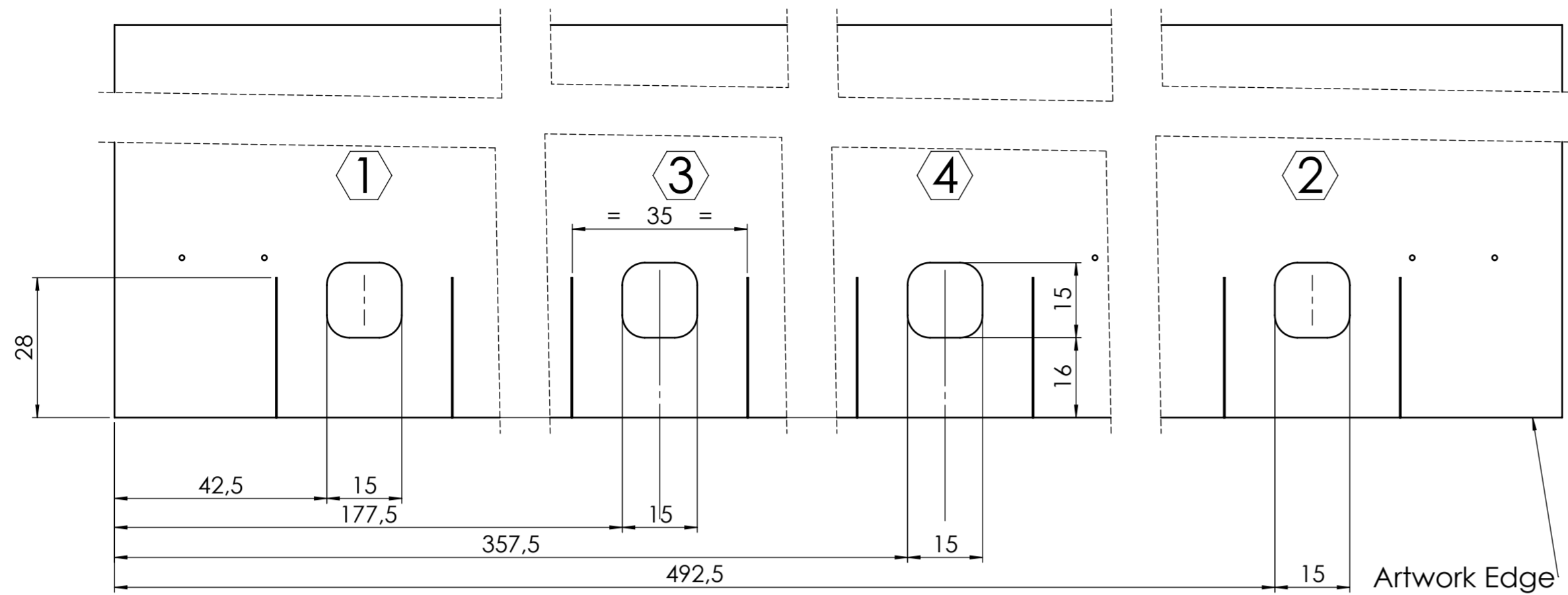


1 2 Shadows
3 4 - See detail C

24 25 Holes for outer
24' 25' layers registration
 - See detail B

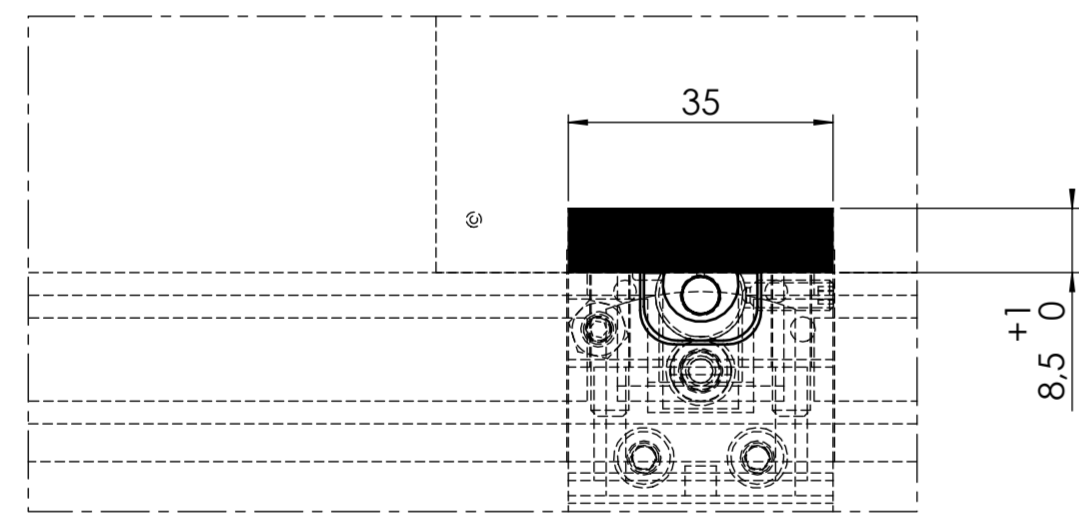
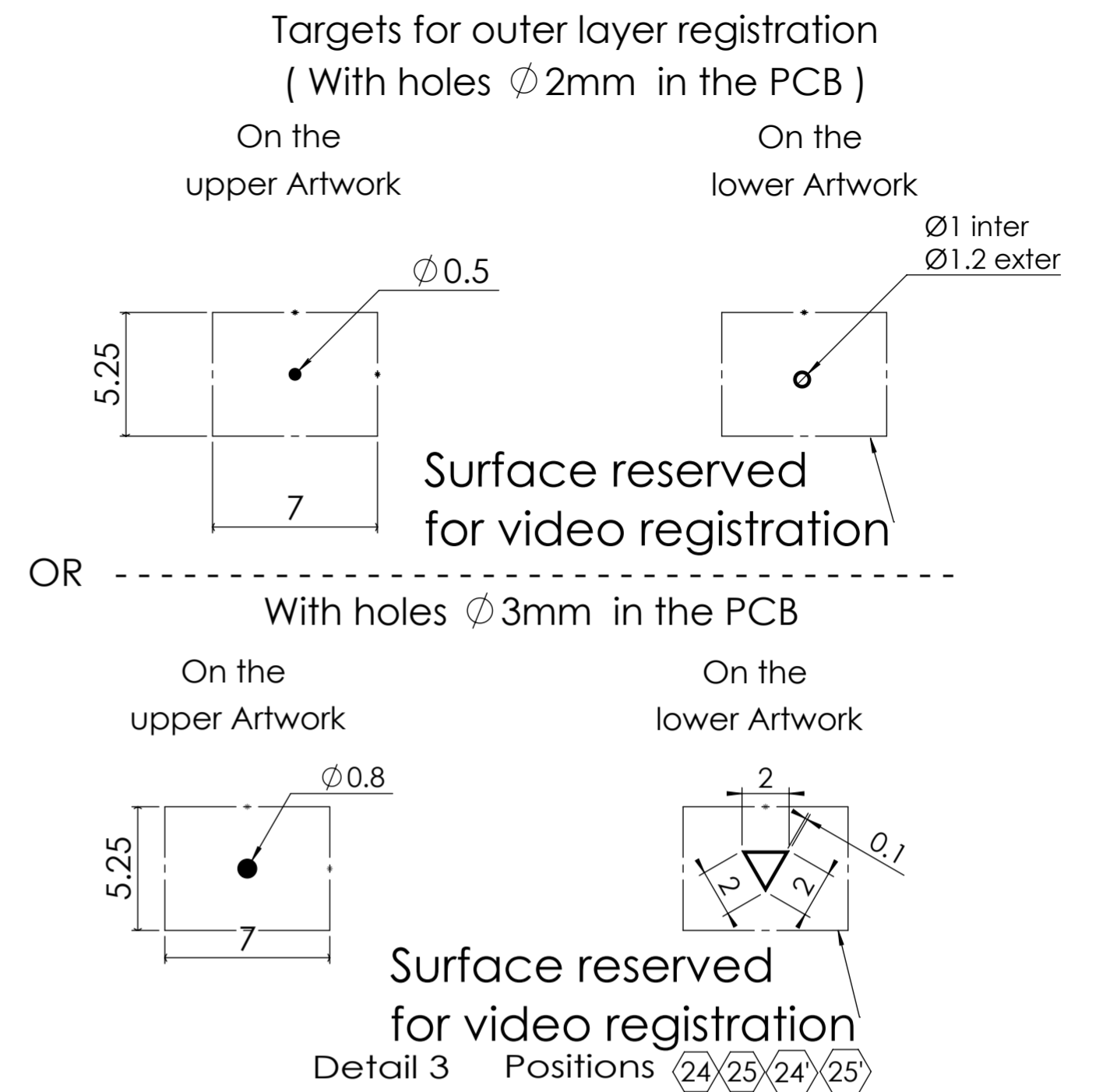
detail of the PCB
(outer layers)

rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/matériau: 001 - NA (voir plan)		traitement/traitement: 000 NA		
XXX COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01	
ALTIX AUTOMATION TECHNOLOGIES Tel : 02.32.63.36.36 Fax : 02.32.63.36.37	Nom/Name: CC	Date: 09/06/15	Format A2	
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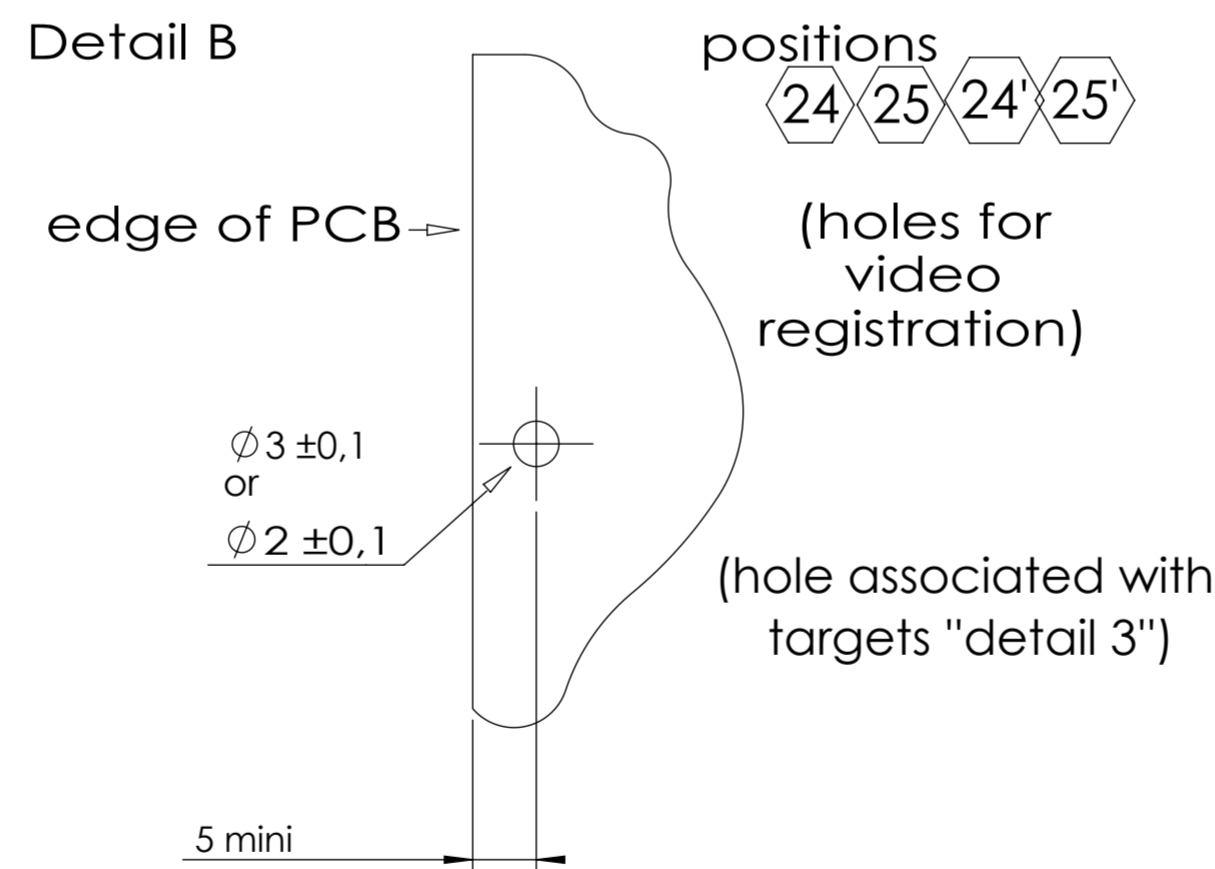
- Detail 1
Holes made
by punching pliers

Details of the
the artworks

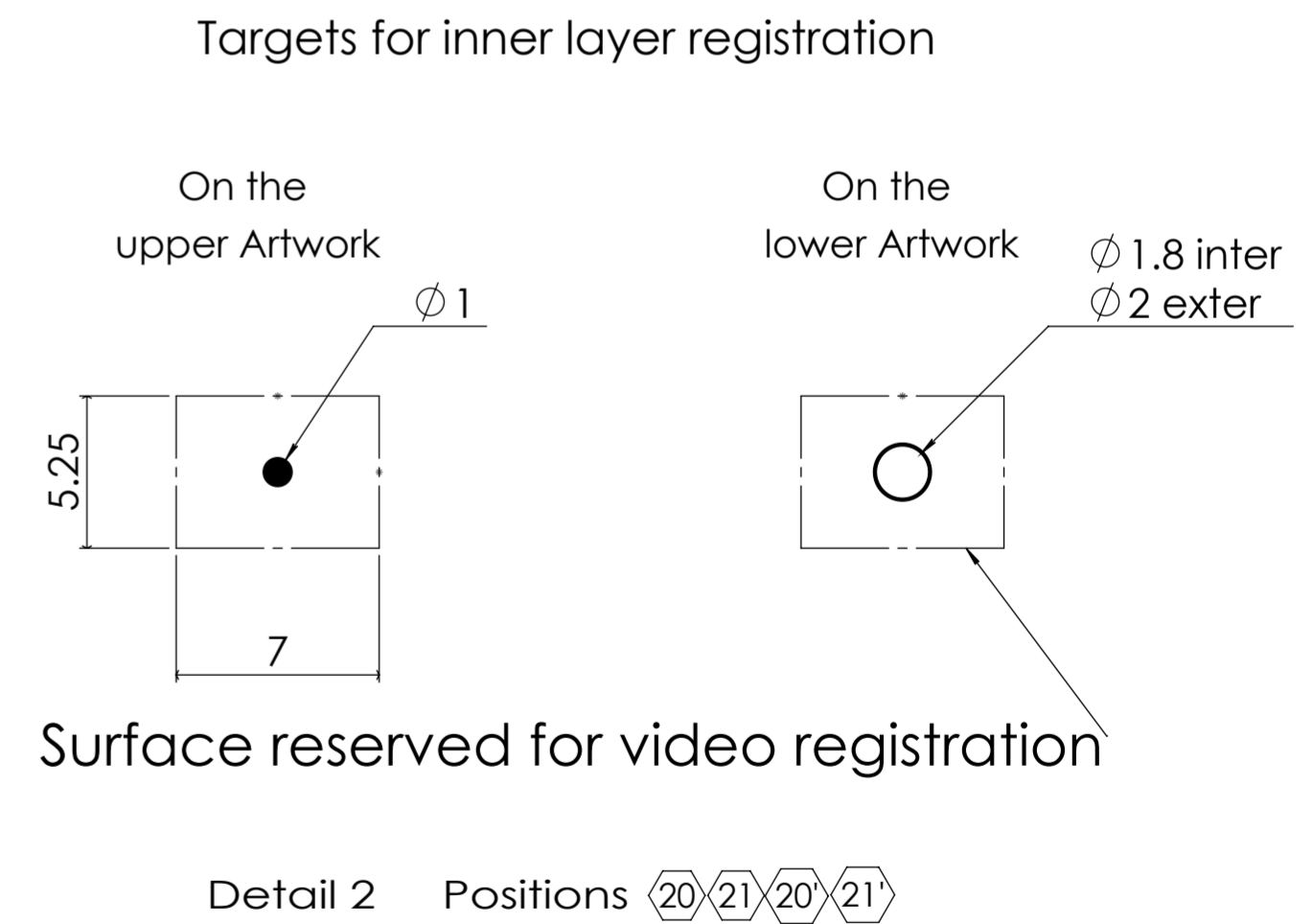


DÉTAIL C
ECHELLE 1 : 1

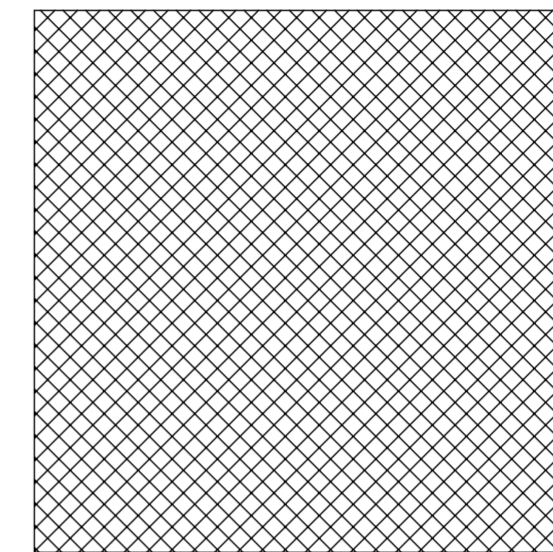
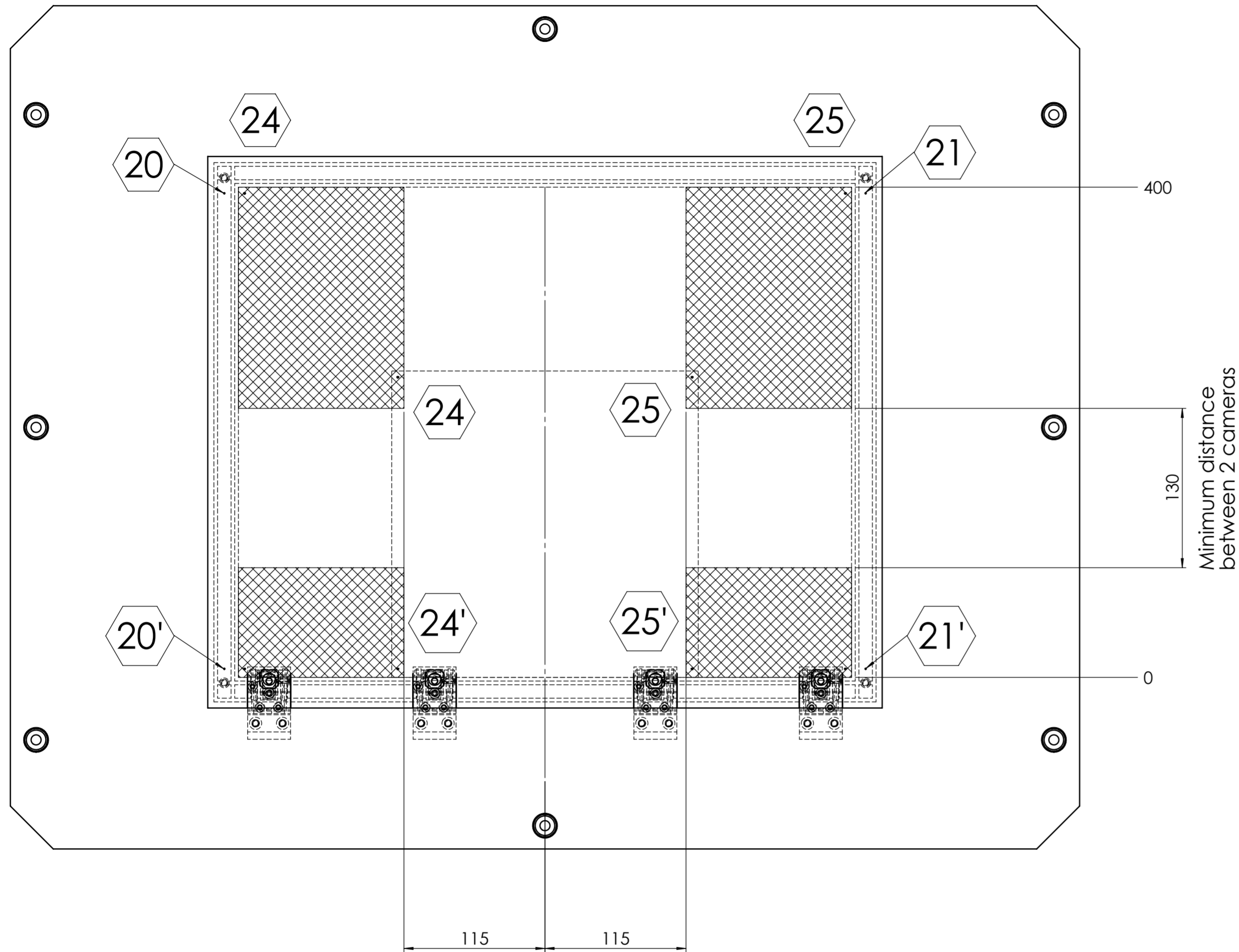
Positions $\langle 1 \rangle \langle 2 \rangle$
 $\langle 3 \rangle \langle 4 \rangle$



Details of the
the PCB

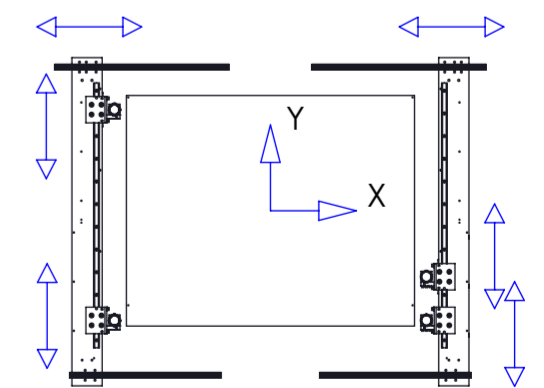


rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/material: 001 - NA (voir plan)		Traitement/treatment: 000 NA		
XXX COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	Indice plan 01	
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Area where the targets can be plotted for Outer layer registration

Cameras area for the video registration



Registration with 4 cameras

rugosité générale: surface roughness:	tolérances générales: Tolerances: NA	Echelle/scale: 1:3	unité/unit: mm	Projection européenne
matière/matériau: 001 - NA (voir plan)		traitement/traitement: 000 NA		
XXX	COTE MAJEURE A CONTROLER A LA RECEPTION	désignation REGISTRATION AA052 500x400 KINGTECH	numero/number: COM1135	indice plan 01
		Nom/Name: CC	Feuille/leaf: 7 / 7	Format A2
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