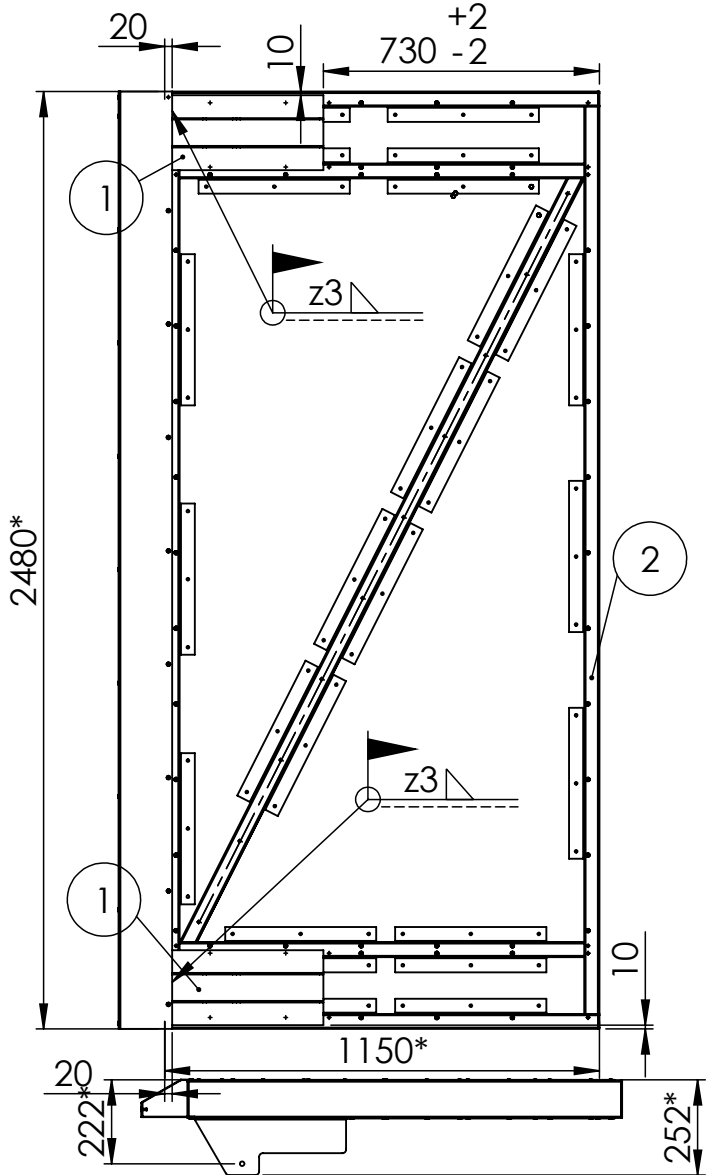


Installation drawing only for installers at the construction site

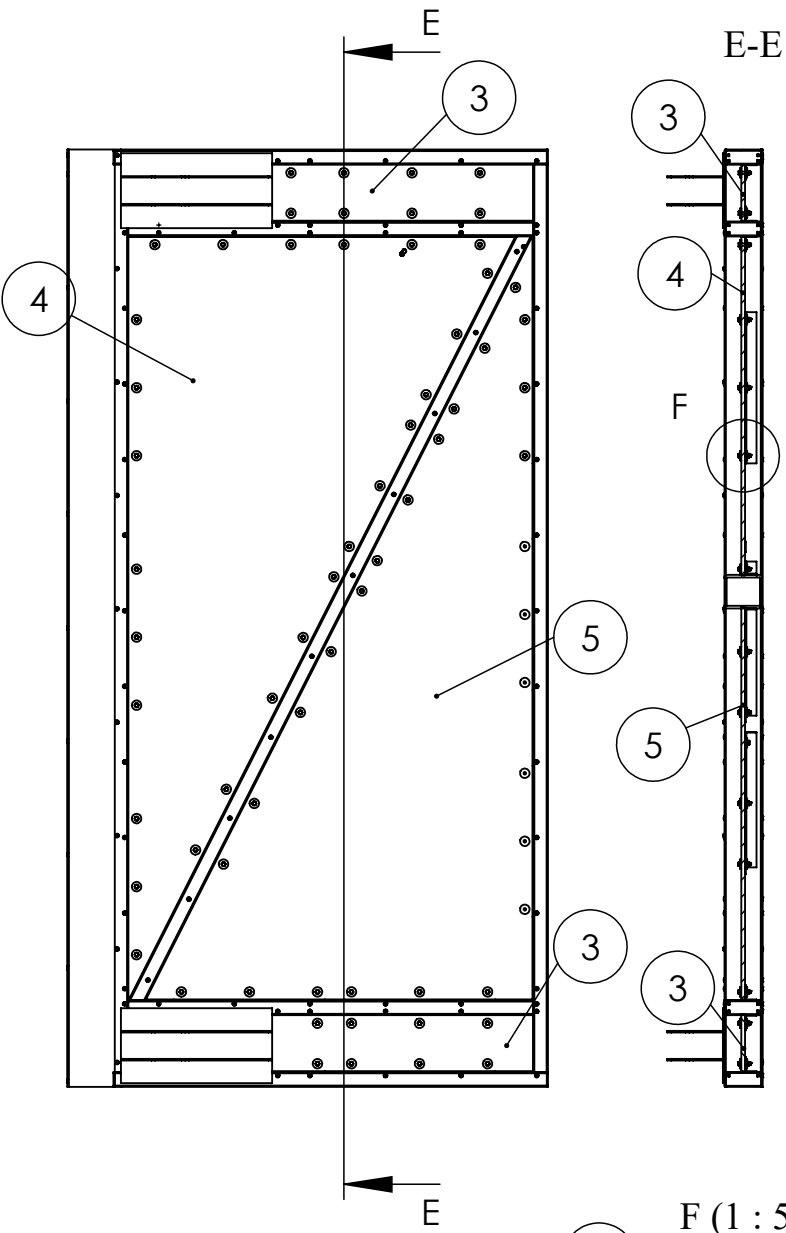
Step 1

For the slave door (TT45V1-7.3.1A).
At the object, welding is carried out by
Ear for sash (TT45V1-7.3.1.1A) item1 and
Frame for sash (TT45V1-7.3.1.3A) item2.
After this, the resulting structure is welded
to the frame 7A through welded door
hinges 4 pieces (not shown).



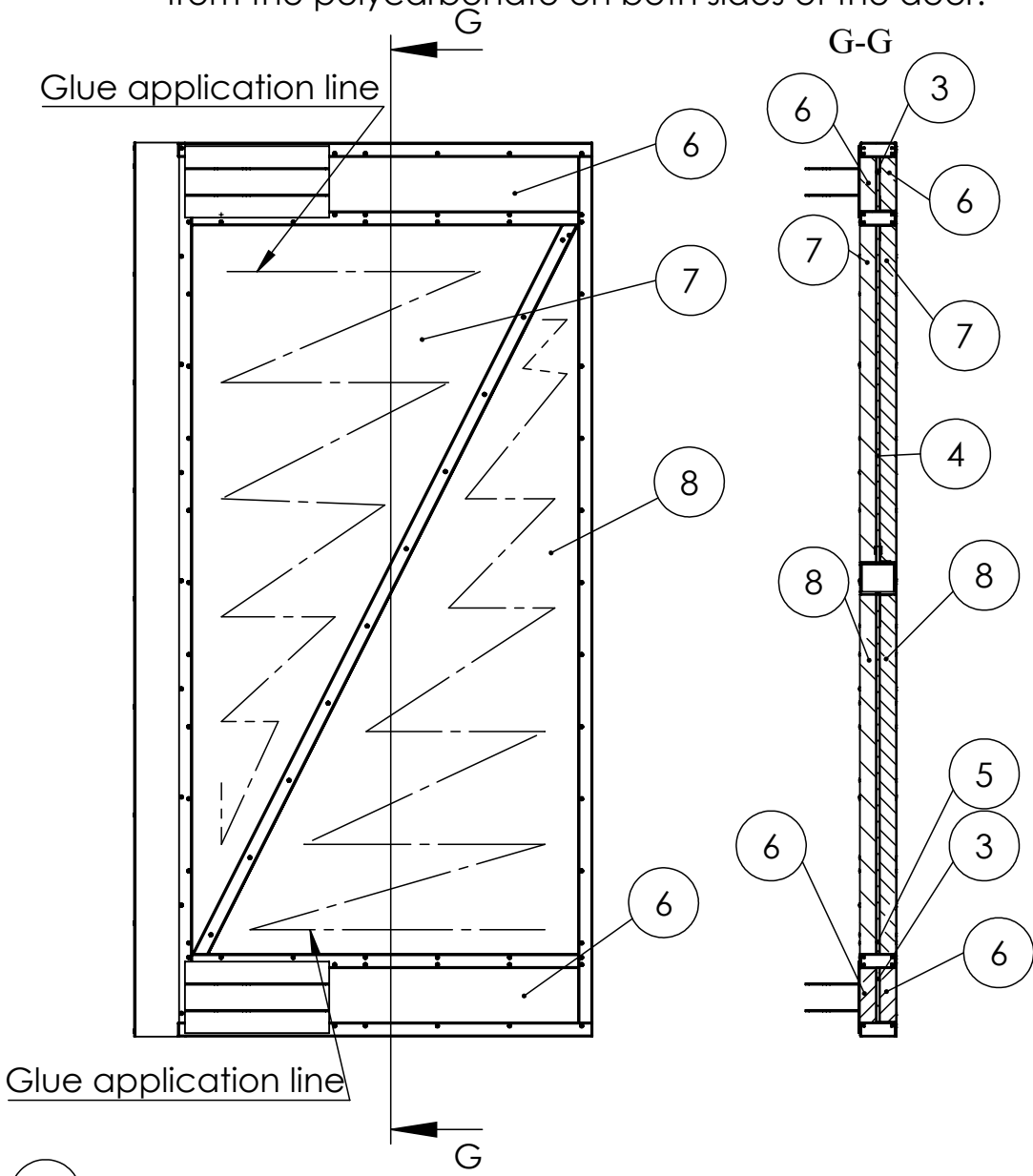
Step 2

Installation of cellular polycarbonate.
Insert the parts from the cellular polycarbonate
as shown in the drawing below.
Holes for M6 bolts are drilled with a 7mm drill bit.
Attention: see view F !!!



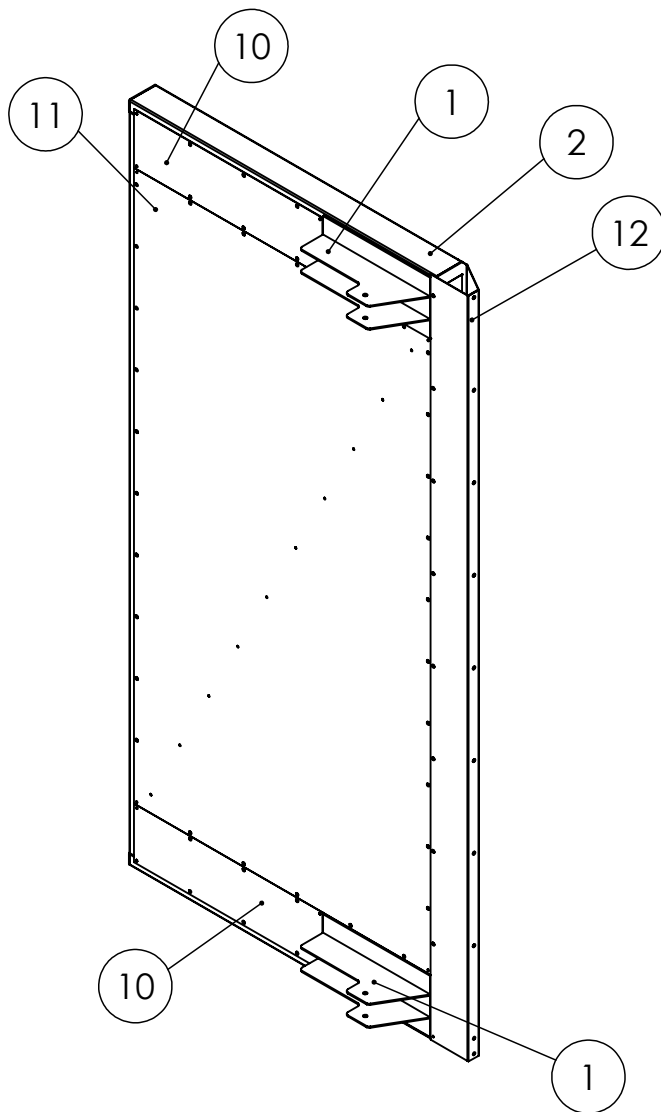
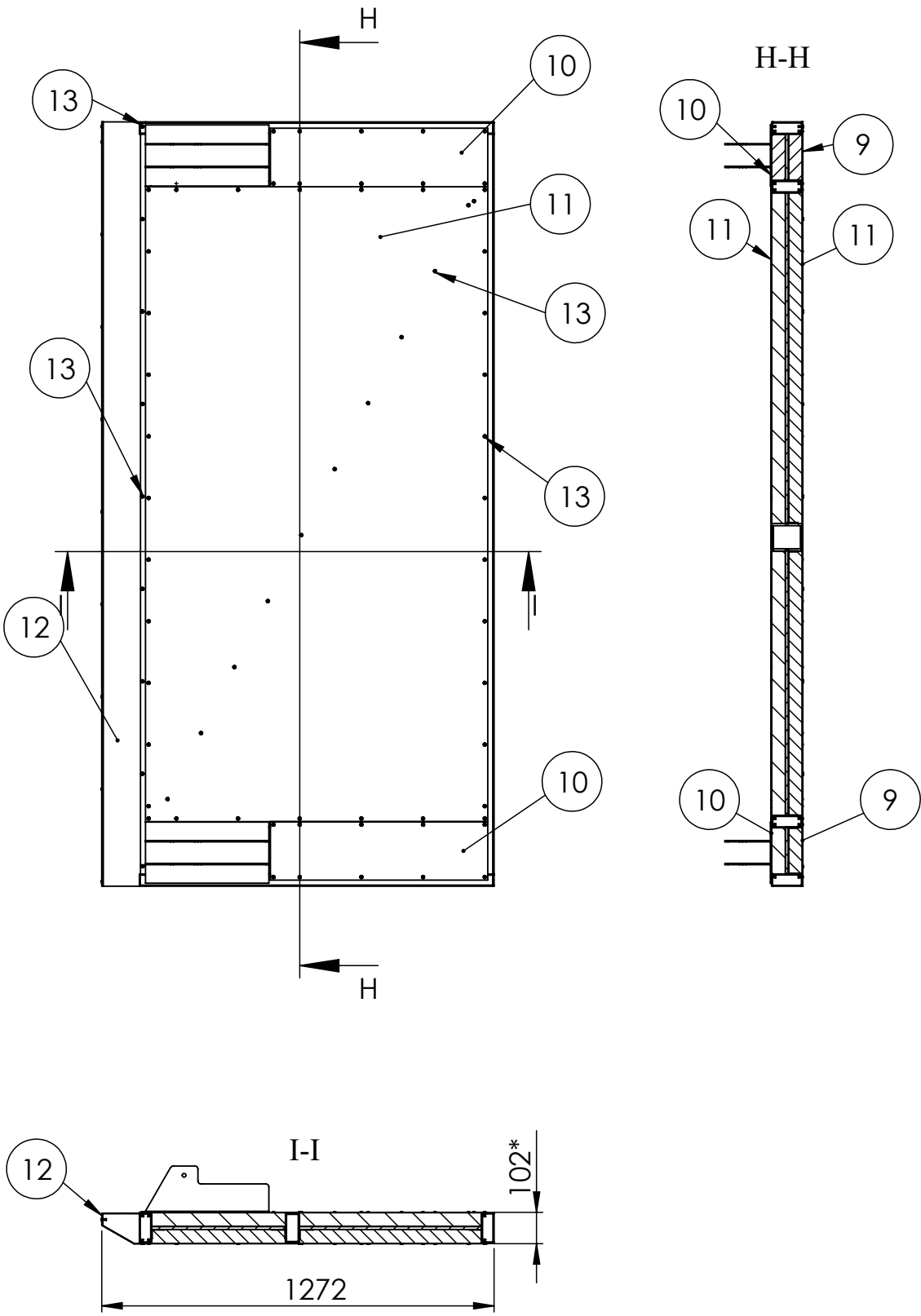
Step 3

Installation of foam rubber.
Before installing the foam rubber,
it is necessary to apply glue (need to buy special
type glue for PU foam)
to the surface of the polycarbonate
according to the scheme.
After that, glue the corresponding parts
from the polycarbonate on both sides of the door.



Step 4

Installation of the perforated sheet
and the fairing of the door.
Holes for the rivet rivets are drilled in
the perforated sheet in place.



Position	Part No	Description	Quantity
1	TT45V1-7.3.1.1A	Welded ear for sash	2
2	TT45V1-7.3.1.3A	Frame for sash	1
3	TT45V1-7.3.1.4P	Middle plate	2
4	TT45V1-7.3.1.4P-01	Middle plate	1
5	TT45V1-7.3.1.4P-02	Middle plate	1
6	TT45V1-7.3.1.5P	PU foam h=45mm	4
7	TT45V1-7.3.1.5P-01	PU foam h=45mm	2
8	TT45V1-7.3.1.5P-02	PU foam h=45mm	2
9	TT45V1-7.3.1.6P	Perforated sheet 1110x190x1	2
10	TT45V1-7.3.1.6P-01	Perforated sheet 705x190x1	2
11	TT45V1-7.3.1.6P-02	Perforated sheet 2060x1110x1	2
12	TT45V1-7.3.1.7A	Fairing	1
13	Заклепка 4,8x20-AI/St DIN 7337		162
14	Шайба EPDM 6,8-25-4	Washer steel rubber EPDM d6,8- D25-h4	154
15	M6 NYLOC	Self-locking nut DIN 985 M6	80
16	M6X30	Bolt DIN 933 M6x30	72

- *Dimensions are for reference
- The welding standart is ISO 2553-1992
- Use the same weld in similar place
- Welding roughness Ra 12.5
- Debur and break sharp edges
- Coating according to contract

Slave door (TT45V1-7.3.1A) - Quantity : 16 pcs

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DO NOT SCALE DRAWING		REVISION	
								TUNNEL TECHNOLOGIES	
NAME		SIGNATURE		DATE		TITLE:		Slave door	
DRAWN: Rozhkov I.				19.04.2018					
CHK'D				19.04.2018					
APP'V'D									
MFG									
Q.A				MATERIAL:		DWG NO.		A2	
						TT45V1-7.3.1A			
				WEIGHT: 137.85		SCALE:1:20		SHEET 1 OF 8	

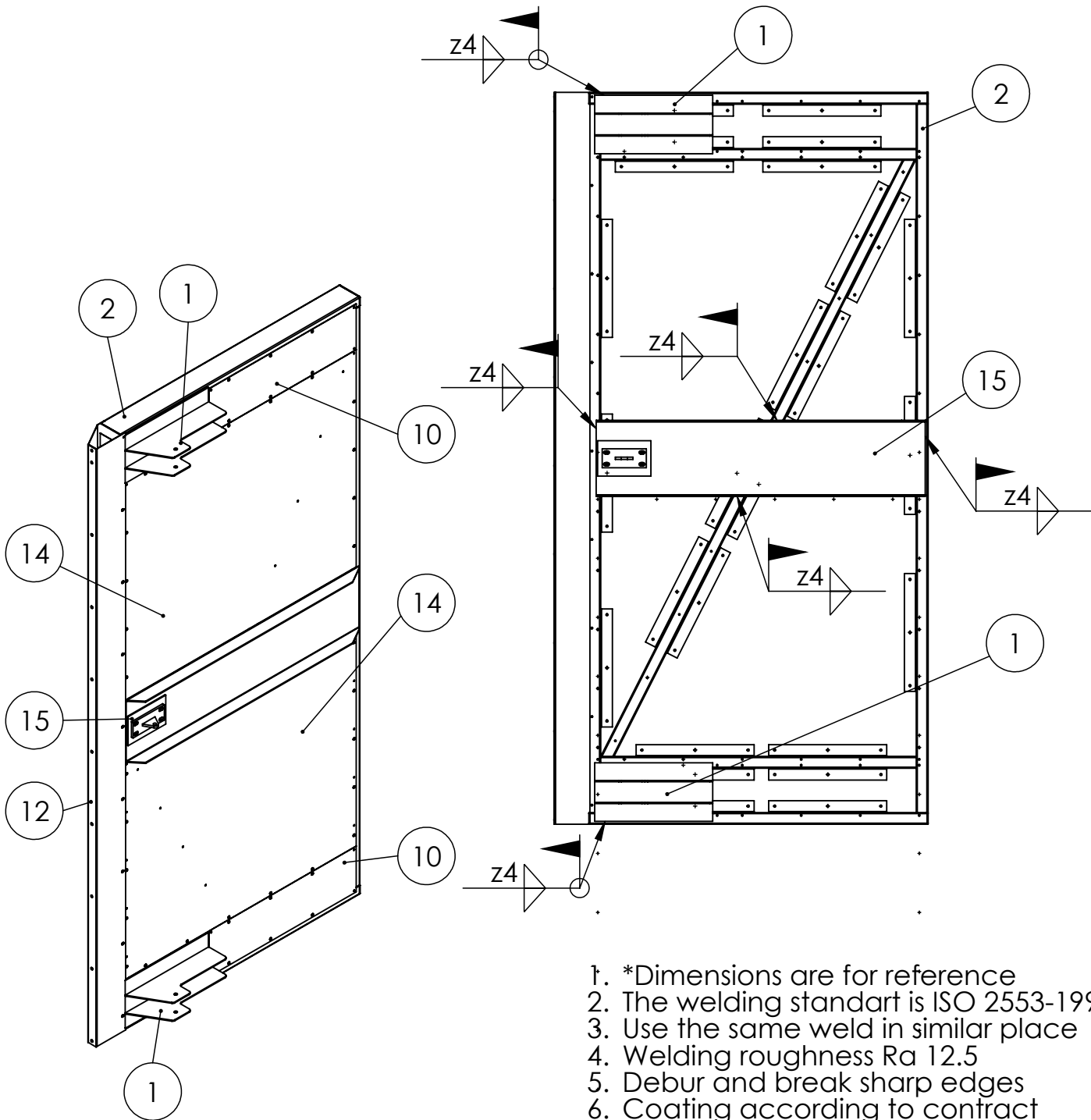
Installation drawing only for installers at the construction site

Step 1

For the Master door (TT45V1-7.3.1A-01).

At the object, welding is carried out by
Ear for sash (TT45V1-7.3.1.1A) item,
Frame for sash (TT45V1-7.3.1.3A) item2 and
Amplification for the linac (TT45V1-7.3.1.2A) item 18.
After this, the resulting structure is welded
to the frame 7A through welded door
hinges 4 pieces (not shown).

Step 2 and 3 see for Slave door (TT45V1-7.3.1A)
(sheet 1) In step 4 item 11 (Perforated sheet 2060x1110x1)
is changed to item 17 (Perforated sheet 901x1110x1) 2 pcs.



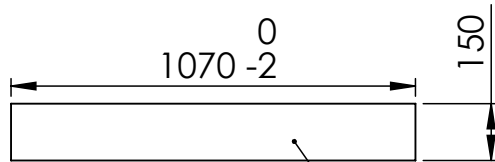
- 1. *Dimensions are for reference
- 2. The welding standart is ISO 2553-1992
- 3. Use the same weld in similar place
- 4. Welding roughness Ra 12.5
- 5. Debur and break sharp edges
- 6. Coating according to contract

Position	Part No	Description	Quantity
1	TT45V1-7.3.1.1A	Welded ear for sash	2
2	TT45V1-7.3.1.3A	Frame for sash	1
3	TT45V1-7.3.1.4P	Middle plate	2
4	TT45V1-7.3.1.4P-01	Middle plate	1
5	TT45V1-7.3.1.4P-02	Middle plate	1
6	TT45V1-7.3.1.5P	PU foam h=45mm	4
7	TT45V1-7.3.1.5P-01	PU foam h=45mm	2
8	TT45V1-7.3.1.5P-02	PU foam h=45mm	2
9	TT45V1-7.3.1.6P	Perforated sheet 1110x190x1	2
10	TT45V1-7.3.1.6P-01	Perforated sheet 705x190x1	2
11	TT45V1-7.3.1.6P-02	Perforated sheet 2060x1110x1	1
12	TT45V1-7.3.1.7A	Fairing	1
13	Заклепка 4,8x20-Al/St DIN 7337		108
14	TT45V1-7.3.1.6P-03	Perforated sheet 901x1110x1	2
15	TT45V1-7.3.1.2A	Amplification for the linac	1

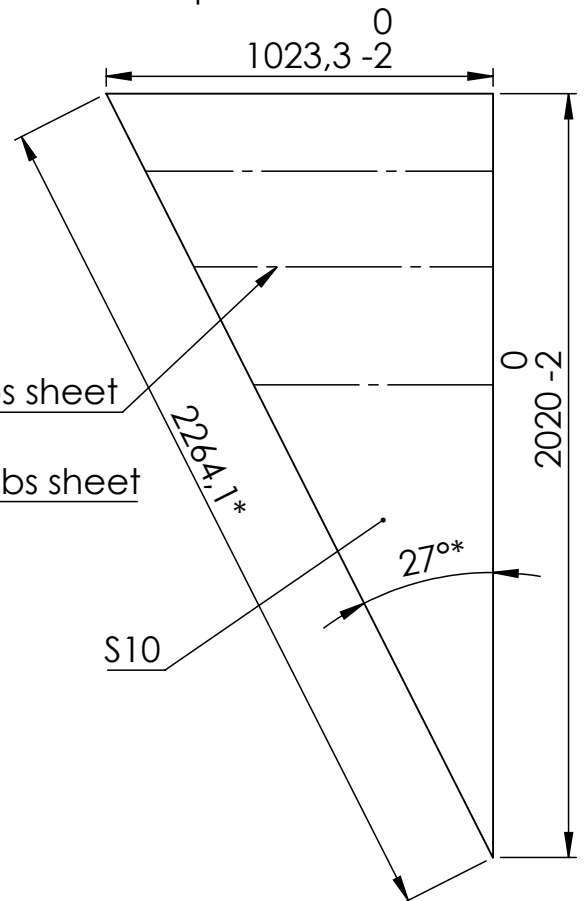
Master door (TT45V1-7.3.1A-01)-Quantity: 4 pcs

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:						FINISH:		DO NOT SCALE DRAWING		REVISION			
								 TUNNEL TECHNOLOGIES					
	NAME		SIGNATURE		DATE				TITLE: Master door				
DRAWN	Rozhkov I.				19.04.2018								
CHK'D					19.04.2018								
APPV'D													
MFG													
Q.A					MATERIAL:			DWG NO.		TT45V1-7.3.1A-01		A3	
					WEIGHT: kg			115.59		SCALE:1:20		SHEET 2 OF 8	

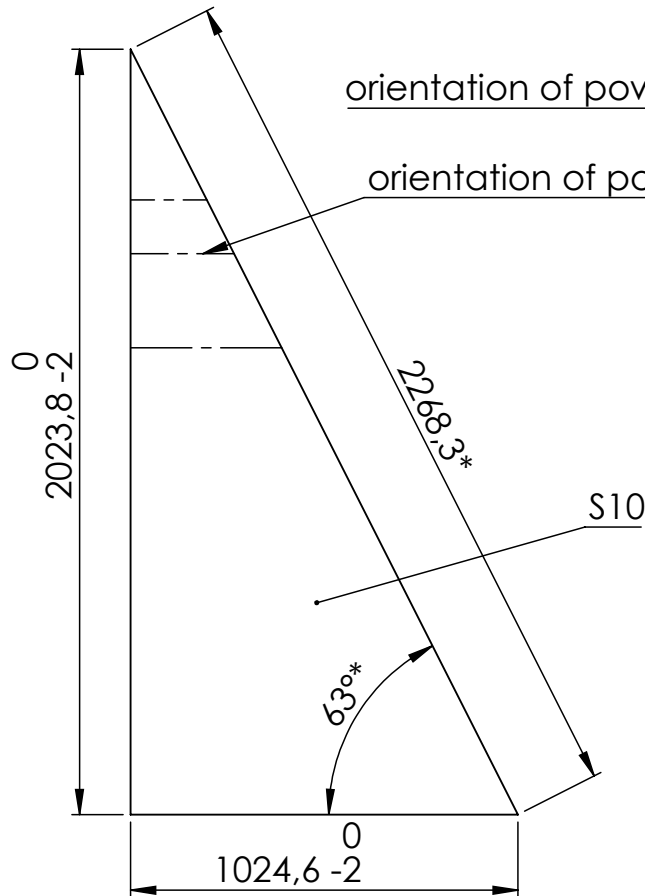
TT45V1-7.3.1.4P
Middle plate 1070x150x10



TT45V1-7.3.1.4P-01
Middle plate 2020x1023x10



TT45V1-7.3.1.4P-02
Middle plate 2024x1024x10



1. *Dimensions are for reference
2. Dimension tolerances H14, h14, $\pm IT14/2$
3. Exact shape of the part defined by DXF file.
4. File name: TT45V1-7.3.1.4P.DXF
5. File name: TT45V1-7.3.1.4P-01.DXF
6. File name: TT45V1-7.3.1.4P-02.DXF
7. Type of cellular polycarbonate: thickness 10mm; density - 1,7 kg/m²

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBUR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION



TUNNEL TECHNOLOGIES

	NAME	SIGNATURE	DATE		
DRAWN	Rozhkov I.		27.08.2018		
CHK'D			27.08.2018		
APPV'D					
MFG					
Q.A					

MATERIAL: Cellular polycarbonate
Thickness 10 mm
density of 1.7 kg / m²

WEIGHT: kg 1.61

TITLE:

Middle plate

DWG NO.

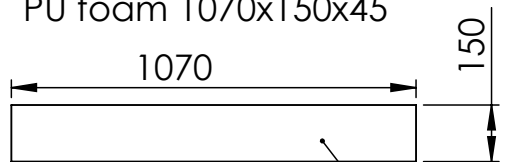
TT45V1-7.3.1.4P

A4

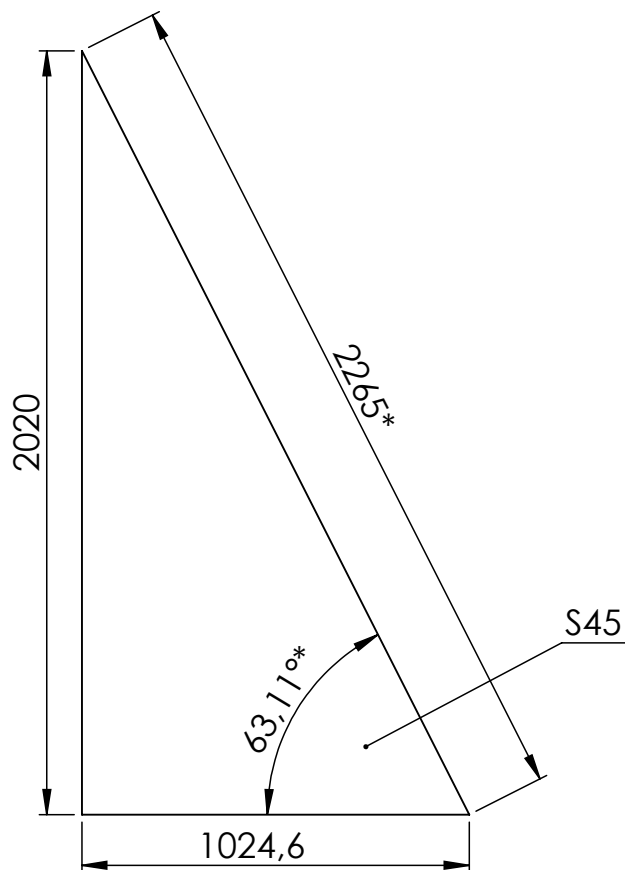
SCALE:1:20

SHEET 3 OF 8

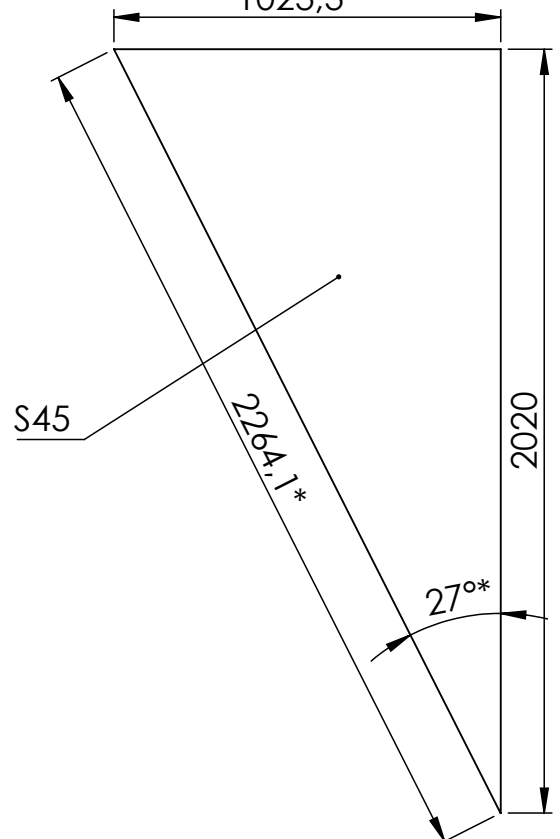
TT45V1-7.3.1.5P
PU foam 1070x150x45



TT45V1-7.3.1.5P-02
PU foam 1025x2020x45



TT45V1-7.3.1.5P-01
PU foam 1024x2020x45
1023,3



1. *Dimensions are for reference
2. Dimension tolerances H14, h14, $\pm IT14/2$
3. Exact shape of the part defined by DXF file.
4. File name: TT45V1-7.3.1.5P.DXF
5. File name: TT45V1-7.3.1.5P-01.DXF
6. File name: TT45V1-7.3.1.5P-02.DXF
7. Type of foam rubber: type - ST; thickness 45mm; density - 30 kg/m³

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
										TUNNEL TECHNOLOGIES	
	NAME		SIGNATURE		DATE				TITLE: PU foam h=45mm		
DRAWN	Rozhkov I.				27.08.2018						
CHK'D					27.08.2018						
APPV'D											
MFG											
Q.A					MATERIAL: PU foam type - ST thickness 45mm; density - 30 kg/m3		DWG NO. TT45V1-7.3.1.5P			A4	
					WEIGHT: kg 0.22		SCALE:1:20			SHEET 4 OF 8	

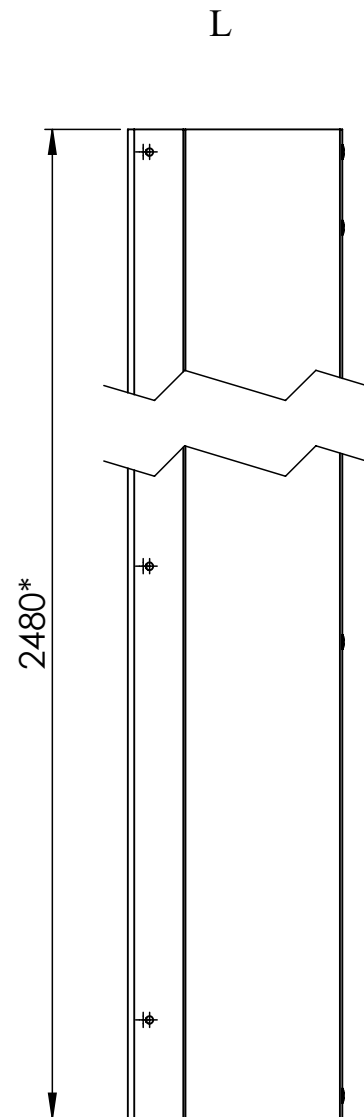
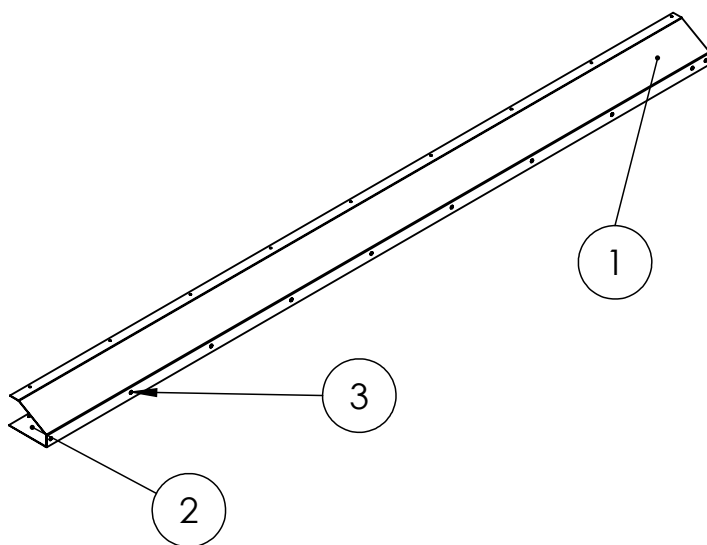
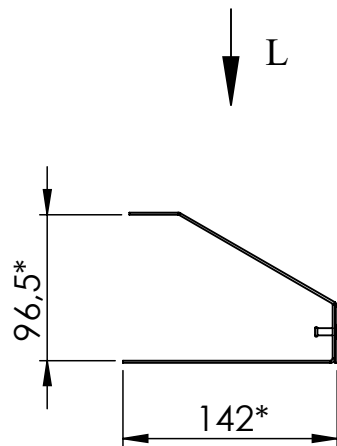
Technical drawing of a rectangular plate. The dimensions are 705 (width) and 190 (height). A label 'S1' points to the top edge of the plate.

Figure 1 is a schematic diagram of the experimental setup. It shows a square plot with a width of 1110-2 and a height of 901-2. A line labeled S1 is shown at the top left corner, indicating the position of the sensor or the starting point of the measurement.

The diagram illustrates the experimental setup for studying the effect of a magnetic field on the growth of the S1 phase. It features a rectangular container with a grid of points representing the S1 phase. A line labeled 'S1' points to the grid. The container is labeled '0' and '2060 -2' on the right side, and '0' and '1110 -2' on the bottom side.

- | | | | | | | | | | | | |
|---|------------|-----------|------------|--|--|-----------------------------------|--------------------------------|---|--------------|----------------------------|--|
| UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR: | | | | FINISH: | | DEBUR AND
BREAK SHARP
EDGES | | DO NOT SCALE DRAWING | | REVISION | |
| | | | | | | | |  TUNNEL TECHNOLOGIES
<small>ТРУНН - ТЕХНОЛОГИЈЕ</small> | | TUNNEL TECHNOLOGIES | |
| | | | | | | | | | | | |
| | NAME | SIGNATURE | DATE | | | | | TITLE:

<h1 style="text-align: center;">Perforated sheet</h1> | | | |
| DRAWN | Rozhkov I. | | 27.08.2018 | | | | | | | | |
| CHK'D | | | 27.08.2018 | | | | | | | | |
| APPV'D | | | | | | | | | | | |
| MFG | | | | | | | | | | | |
| Q.A | | | | MATERIAL:
Perforated sheet
type RG-2-6,06 , thikcnss 1mm
coating - Zink
WEIGHT: kg 0.21 | | | DWG NO. TT45V1-7.3.1.6P | | A4 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | SCALE:1:20 | | SHEET 5 OF 8 | | |

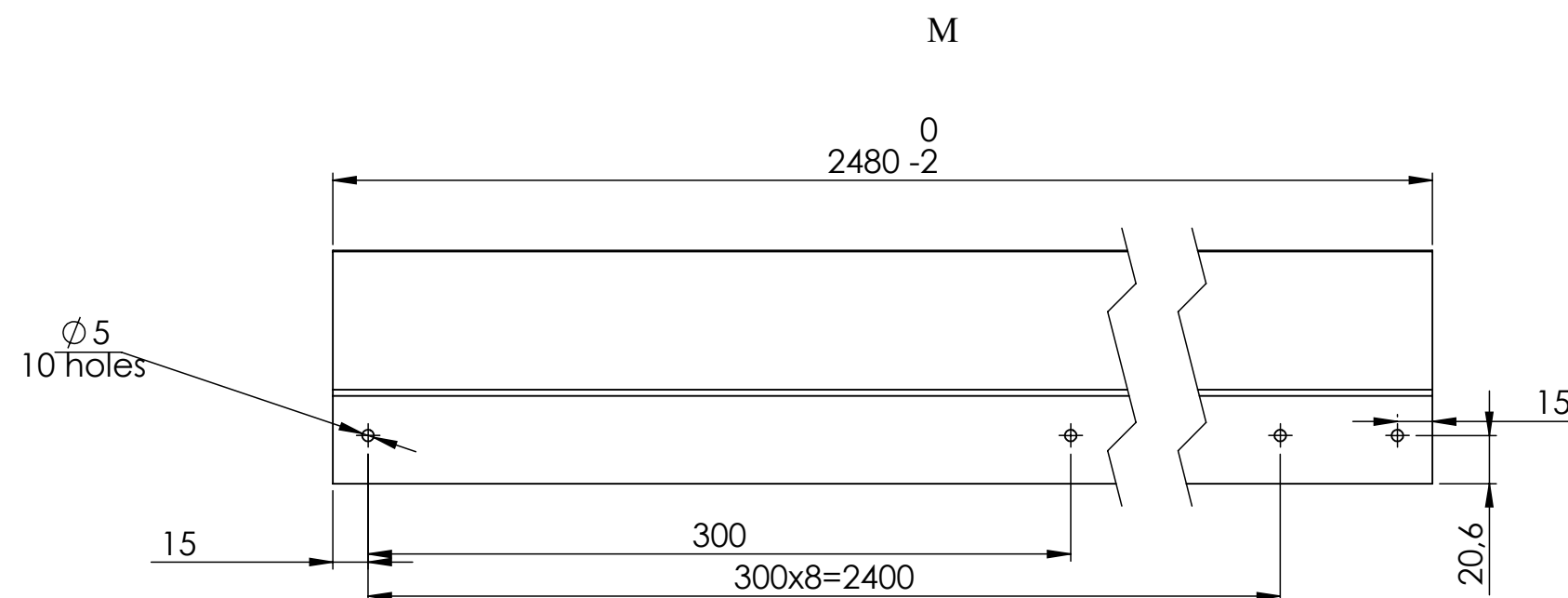
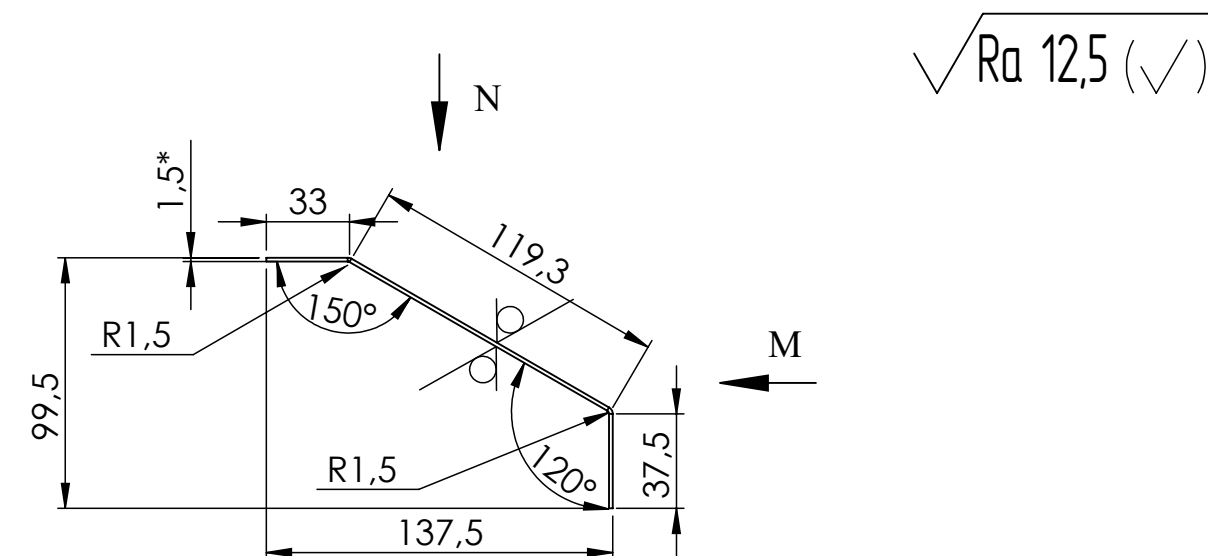
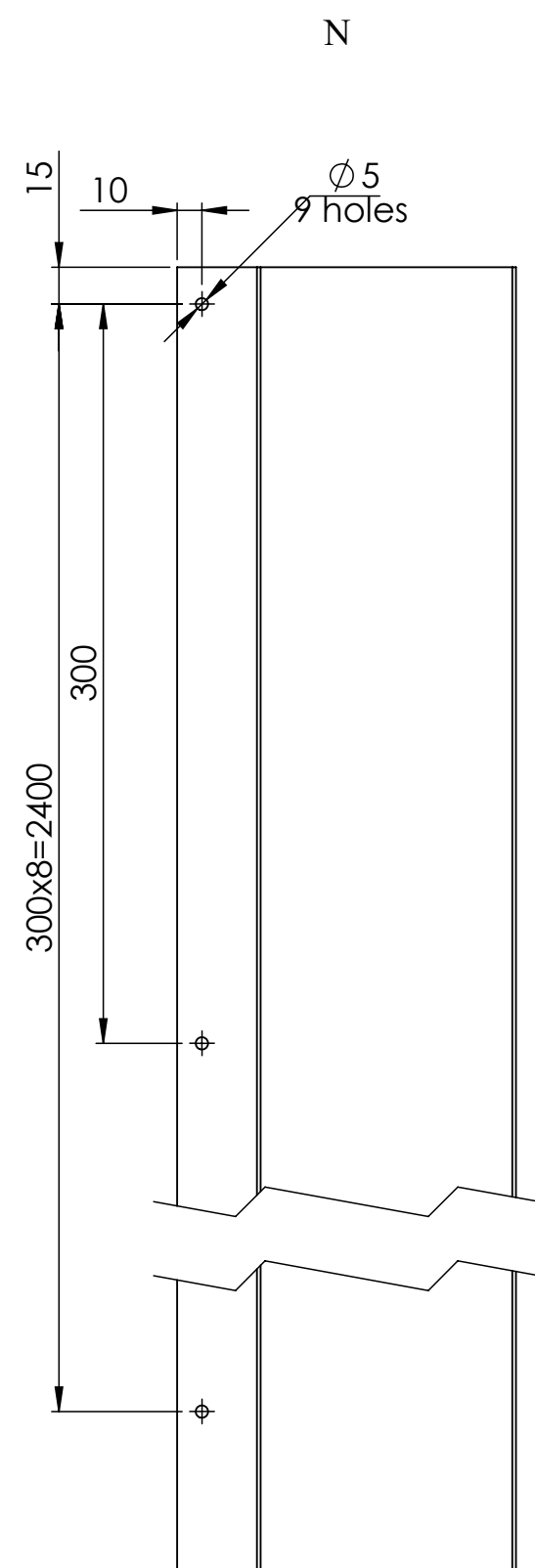


*Dimensions are for reference

Position	Part No	Description	Quantity
1	ТТ45V1-7.3.1.7.1P	Fairing Part 1	1
2	ТТ45V1-7.3.1.7.2P	Fairing Part 2	1
3	Заклепка 4,8x20-Al/St DIN 7337		10

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
						 TUNNEL TECHNOLOGIES			
NAME		SIGNATURE		DATE		TITLE: Fairing		DWG NO. ТТ45V1-7.3.1.7A	
DRAWN				27.08.2018					
CHK'D				27.08.2018					
APPV'D									
MFG									
Q.A				MATERIAL:		SCALE:1:5		SHEET 6 OF 8	
				WEIGHT: kg		10.83			

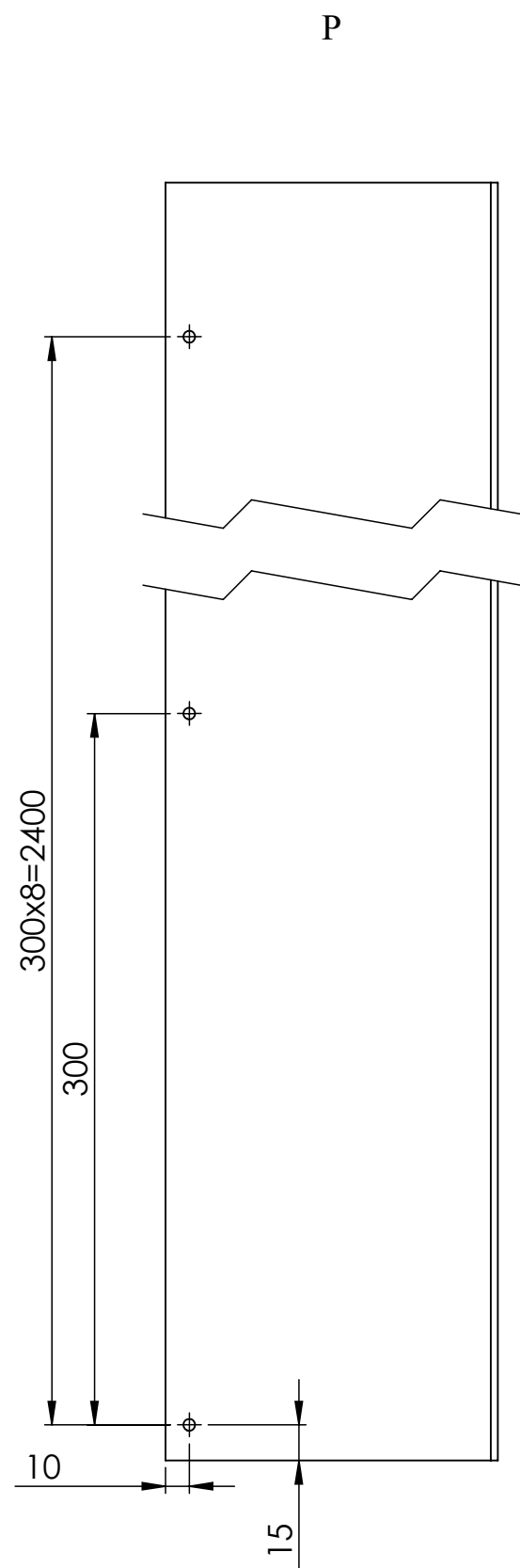
A4



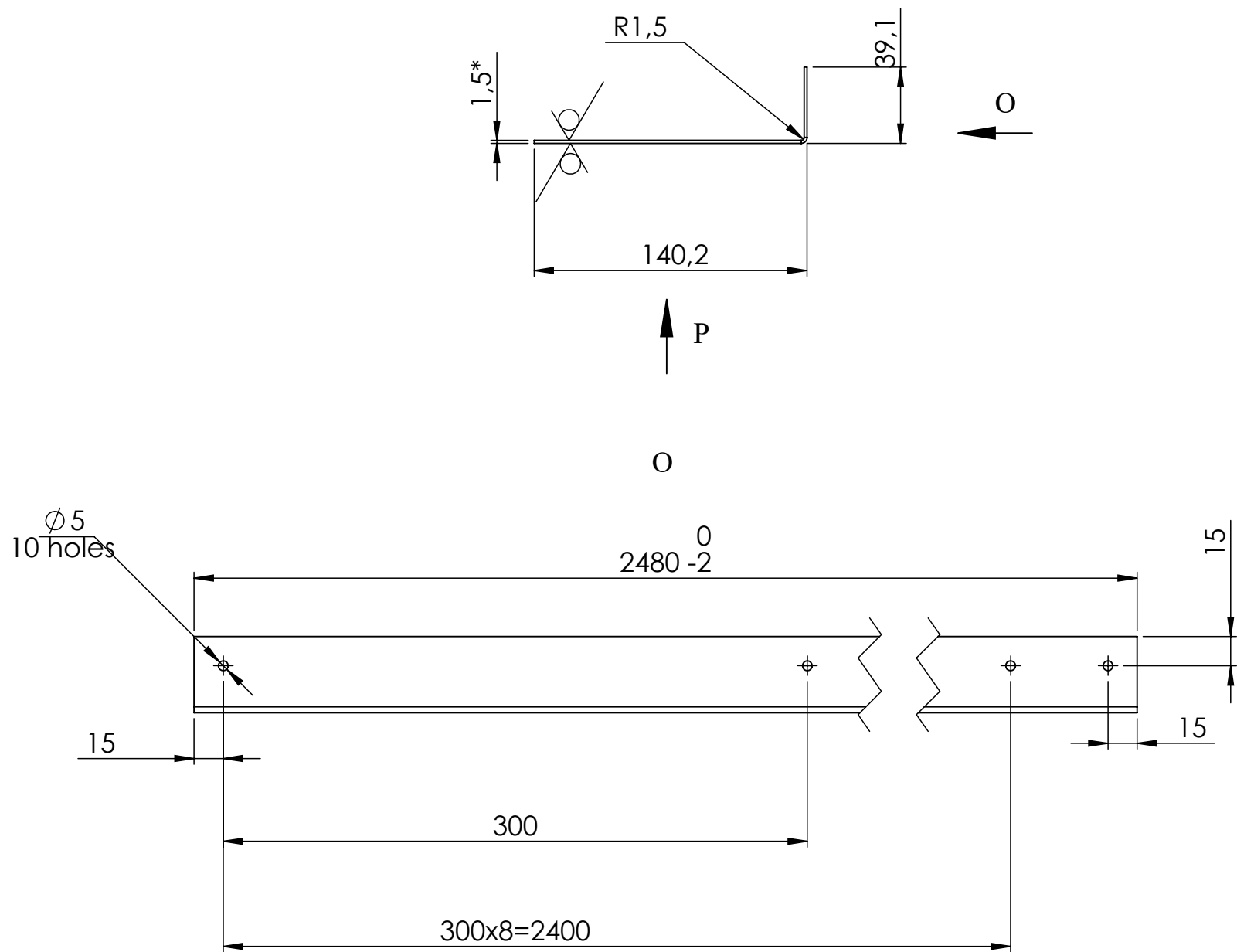
1. *Dimensions are for reference
2. Dimension tolerances H14, h14, ±IT14/2
3. Exact shape of the part defined by DXF file.
4. File name: TT45V1-7.3.1.7.1P.DXF

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:		DO NOT SCALE DRAWING		REVISION	
								TUNNEL TECHNOLOGIES	
	NAME	SIGNATURE	DATE			TITLE:			
DRAWN	Rozhkov I.		05.04.2018			Fairing Part 1			
CHK'D			05.04.2018						
APP'VD									
MFG									
Q.A									
				MATERIAL:		DWG NO.		A3	
				Q235B		TT45V1-7.3.1.7.1P			
				WEIGHT: kg 5.62		SCALE:1:3		SHEET 7 OF 8	

✓ Ra 12,5 (✓)



1. *Dimensions are for reference
2. Dimension tolerances H14, h14, $\pm IT14/2$
3. Exact shape of the part defined by DXF file.
4. File name: TT45V1-7.3.1.7.2P.DXF



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:					FINISH:		DO NOT SCALE DRAWING		REVISION	
									TUNNEL TECHNOLOGIES	
							TITLE:		Fairing Part 2	
							DWG NO.		TT45V1-7.3.1.7.2P	
							SCALE:1:3		SHEET 8 OF 8	
							MATERIAL:		Q235B	
							WEIGHT: kg		5.19	
									A3	