

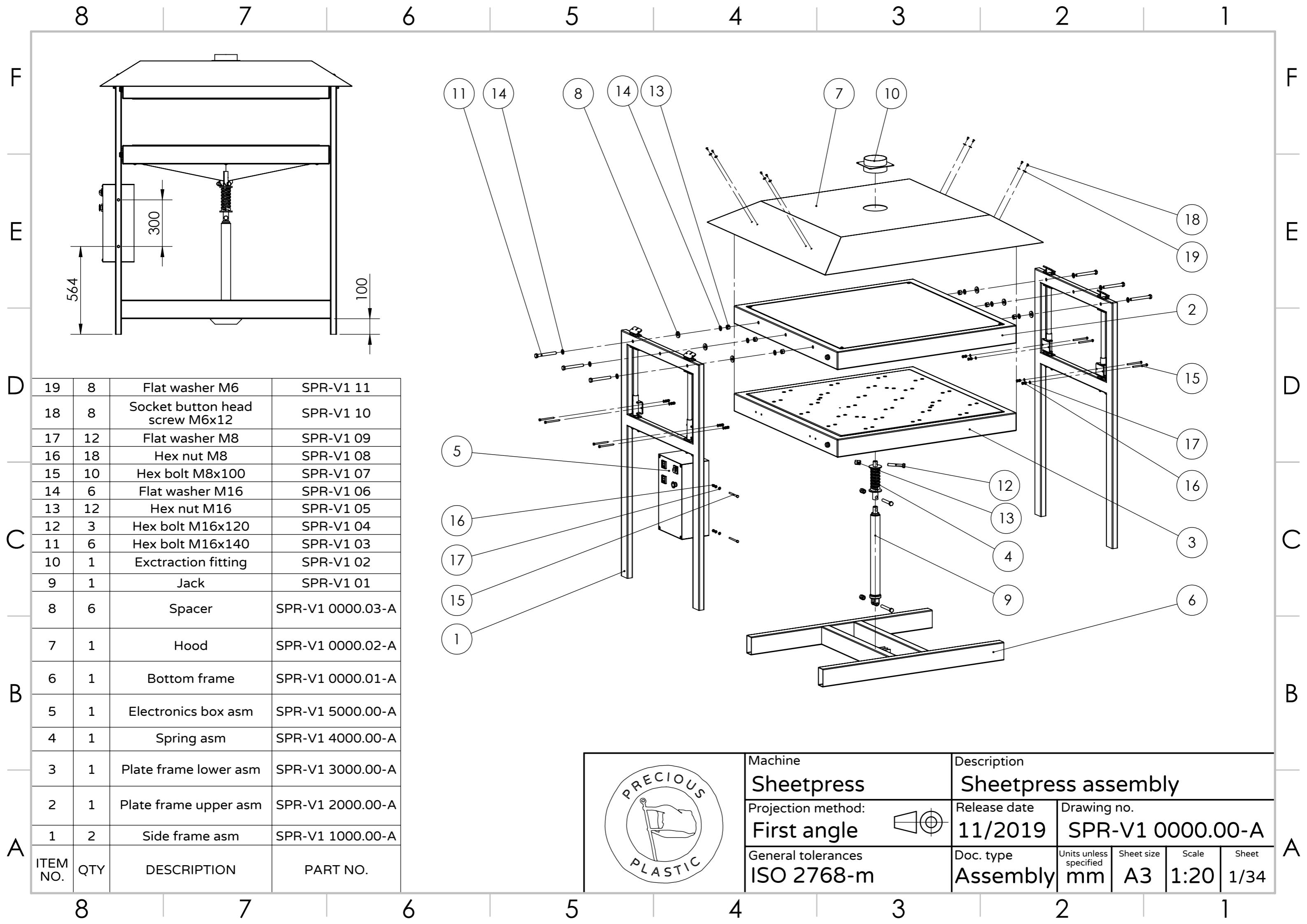


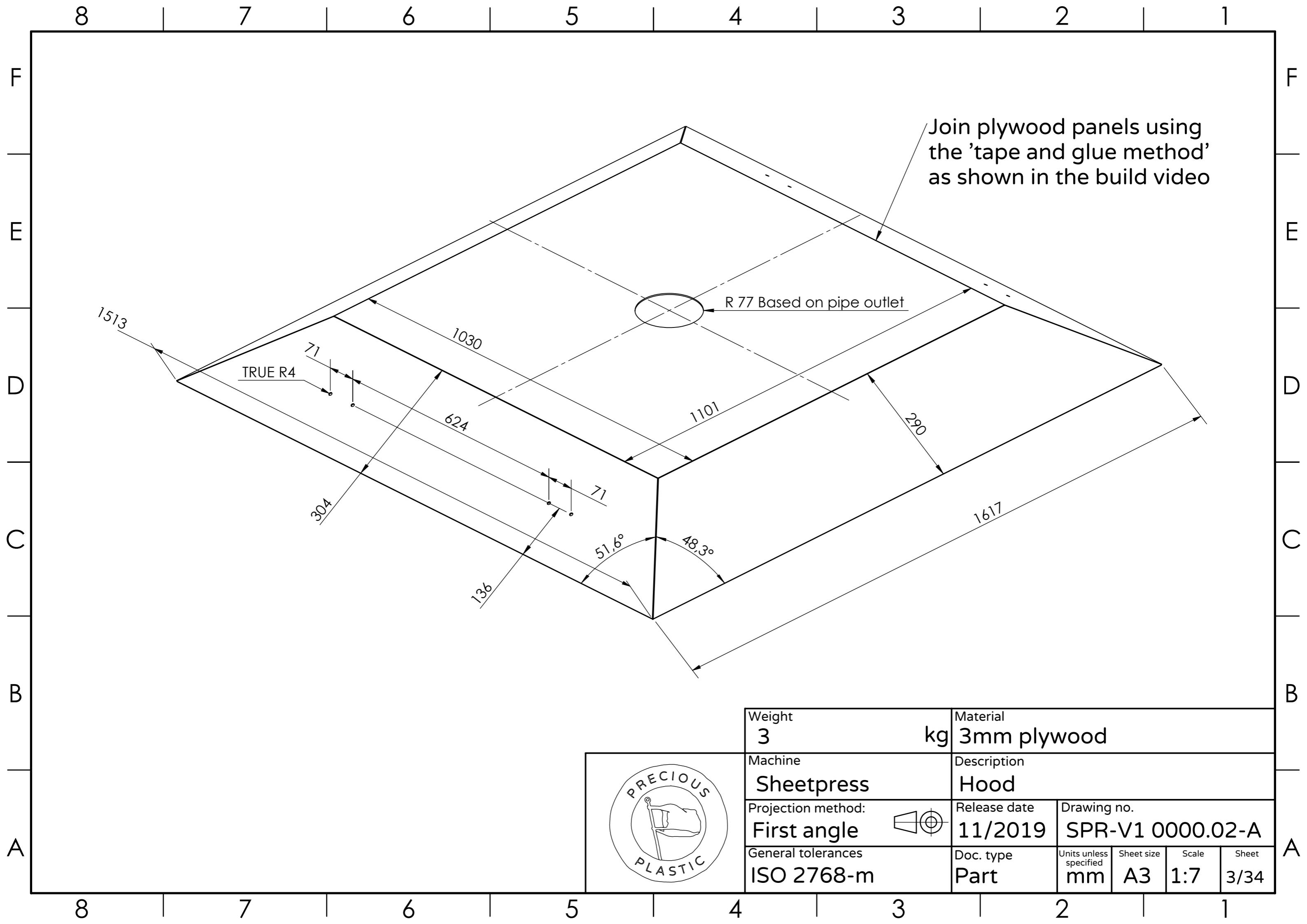
SHEETPRESS

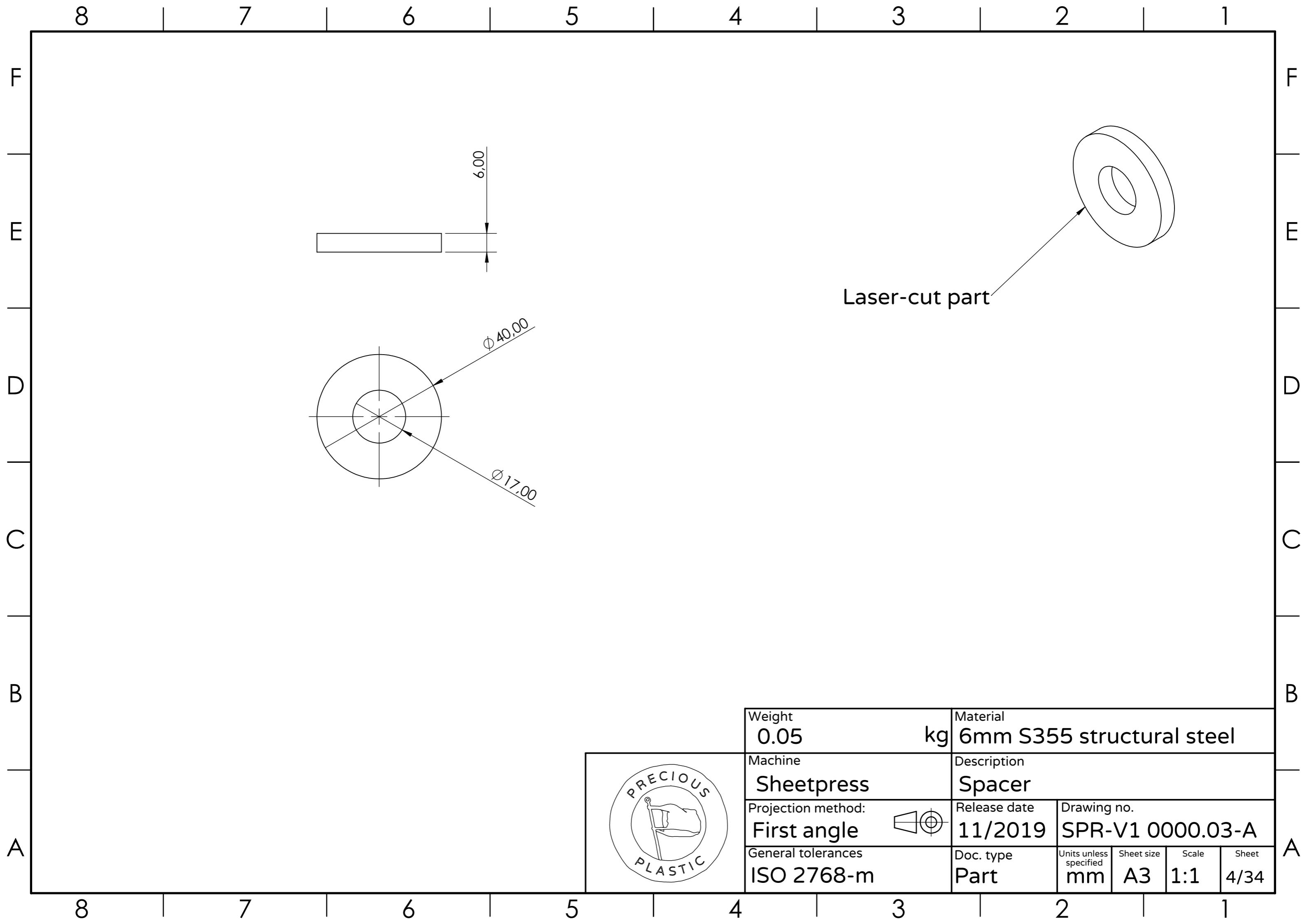


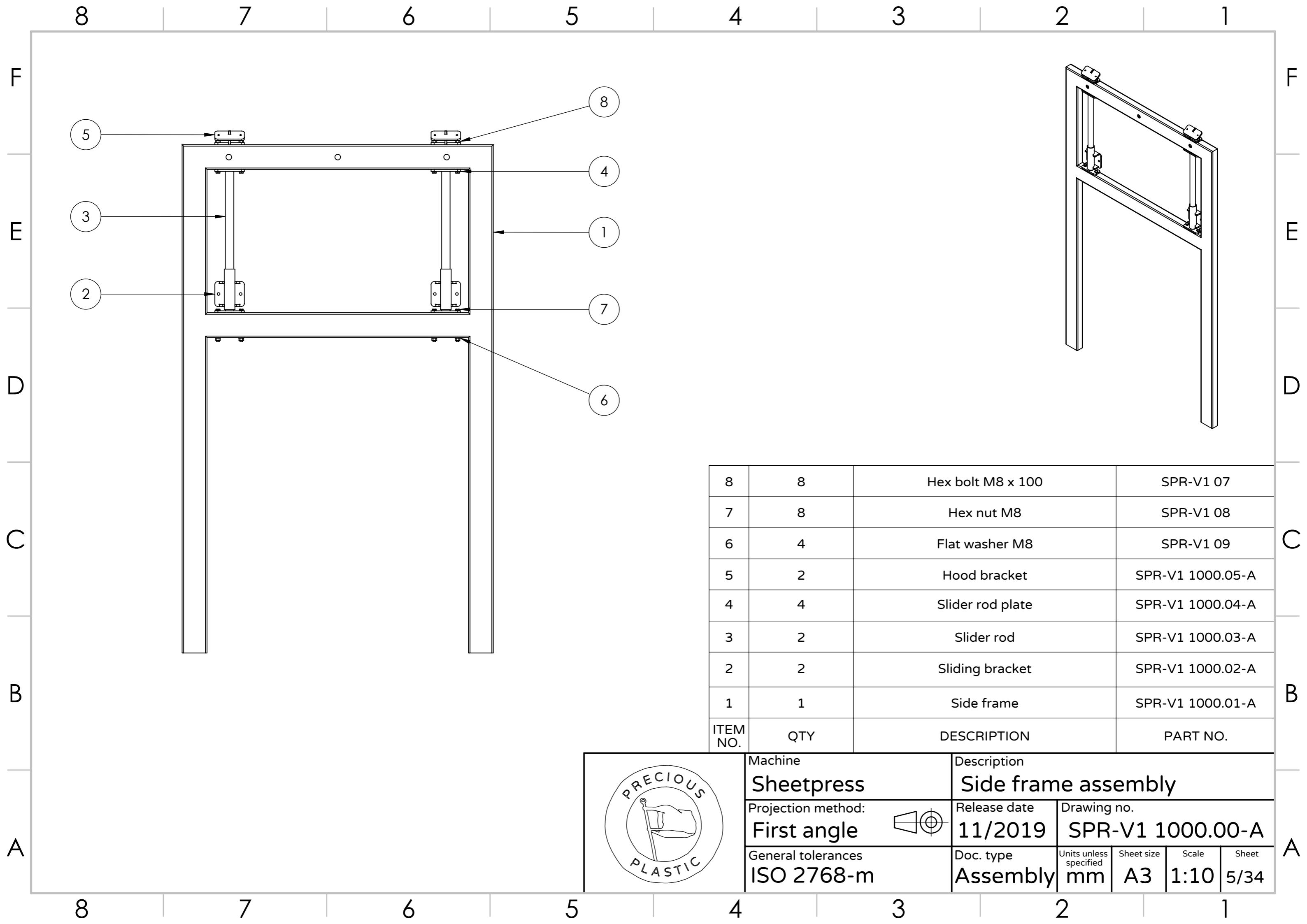
Watch the instruction video
to build this machine on

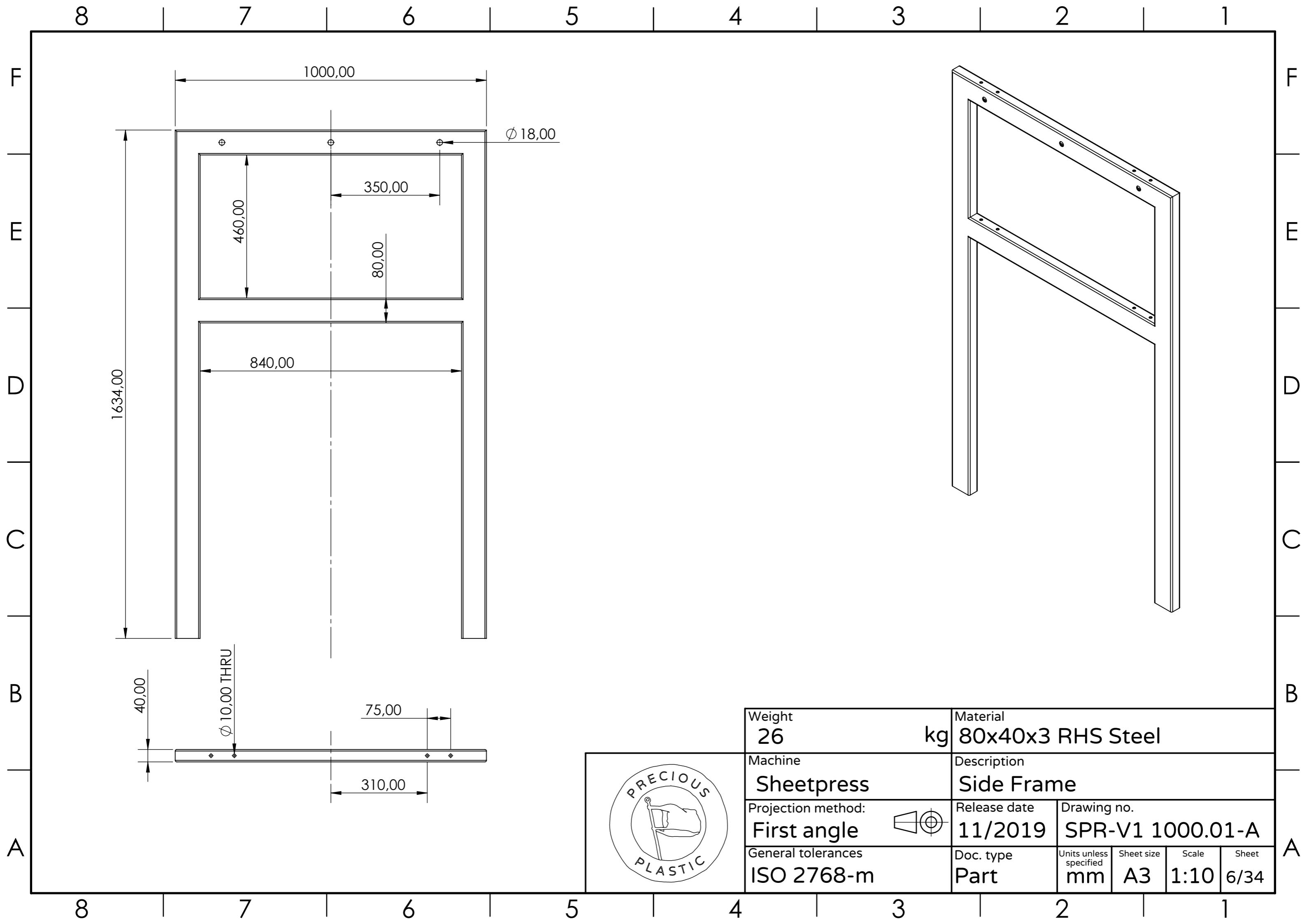
 www.preciousplastic.com

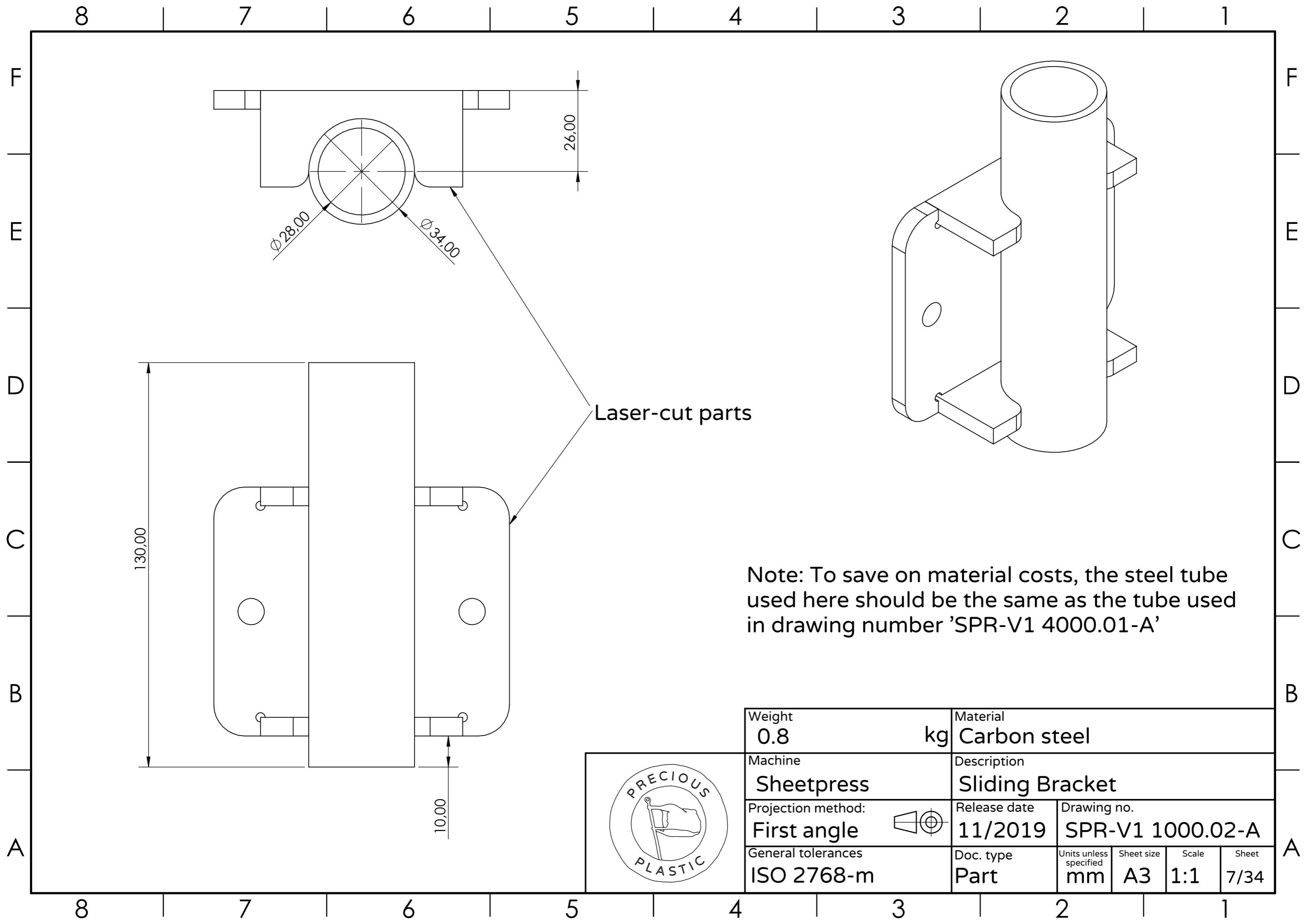


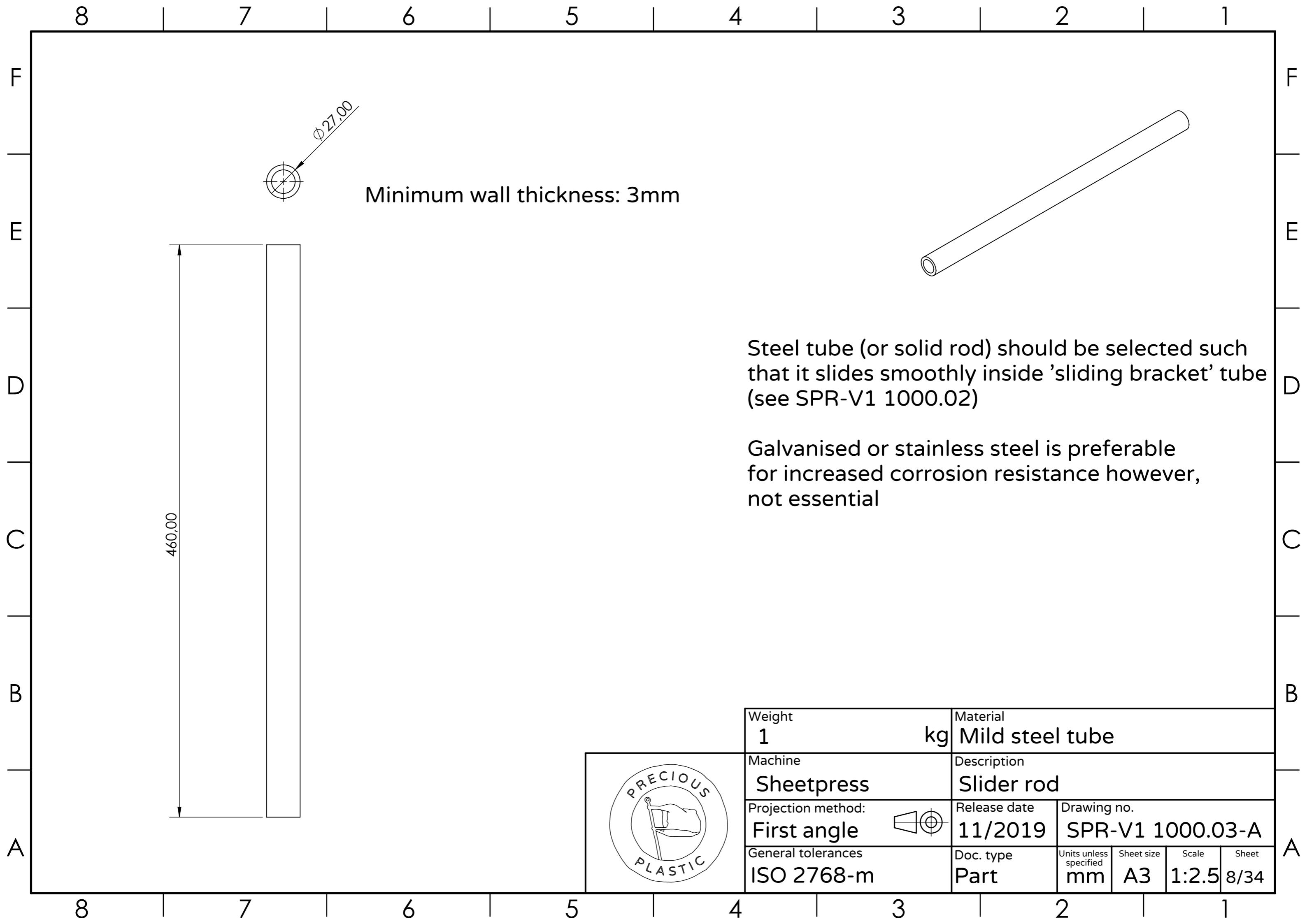


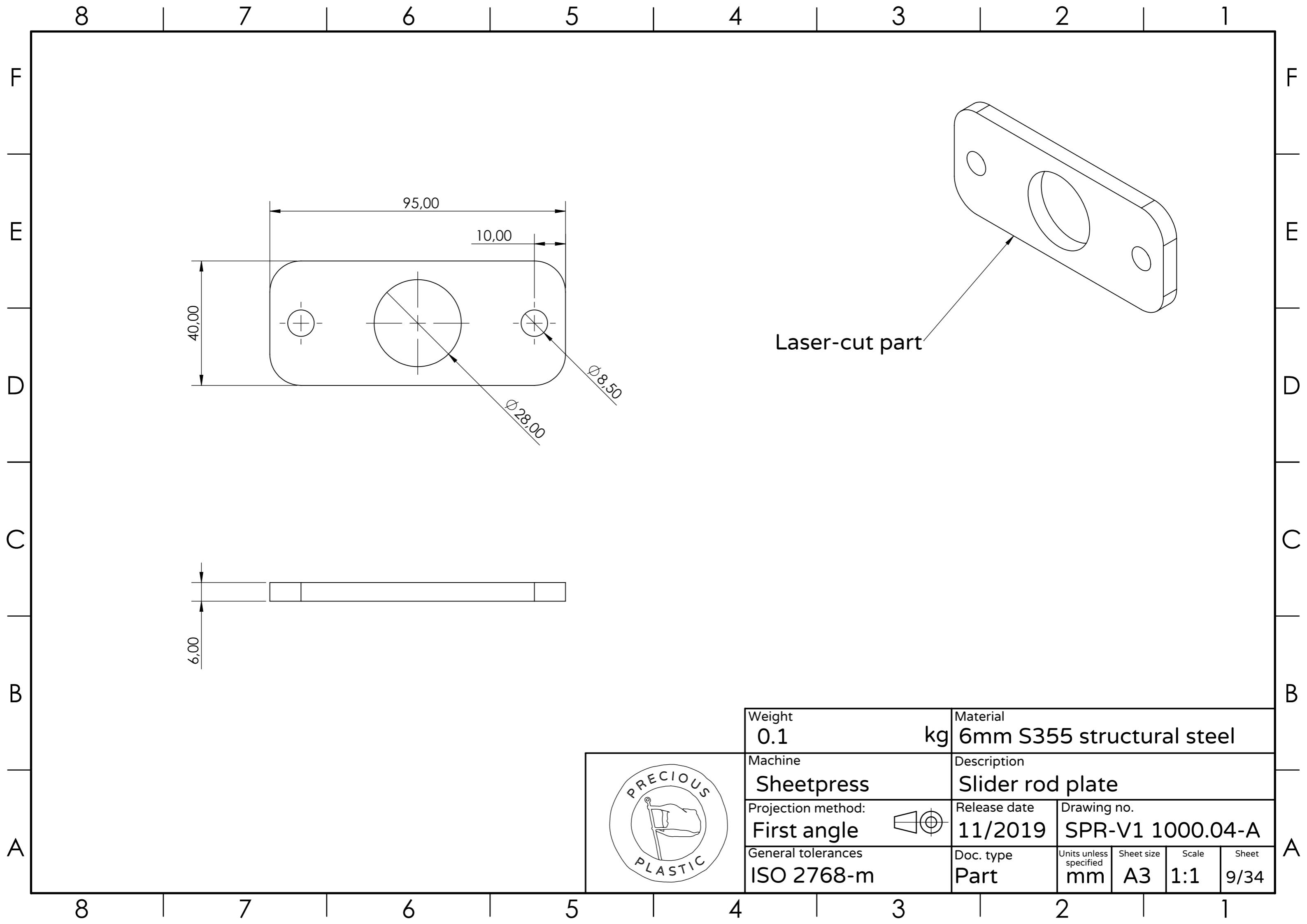


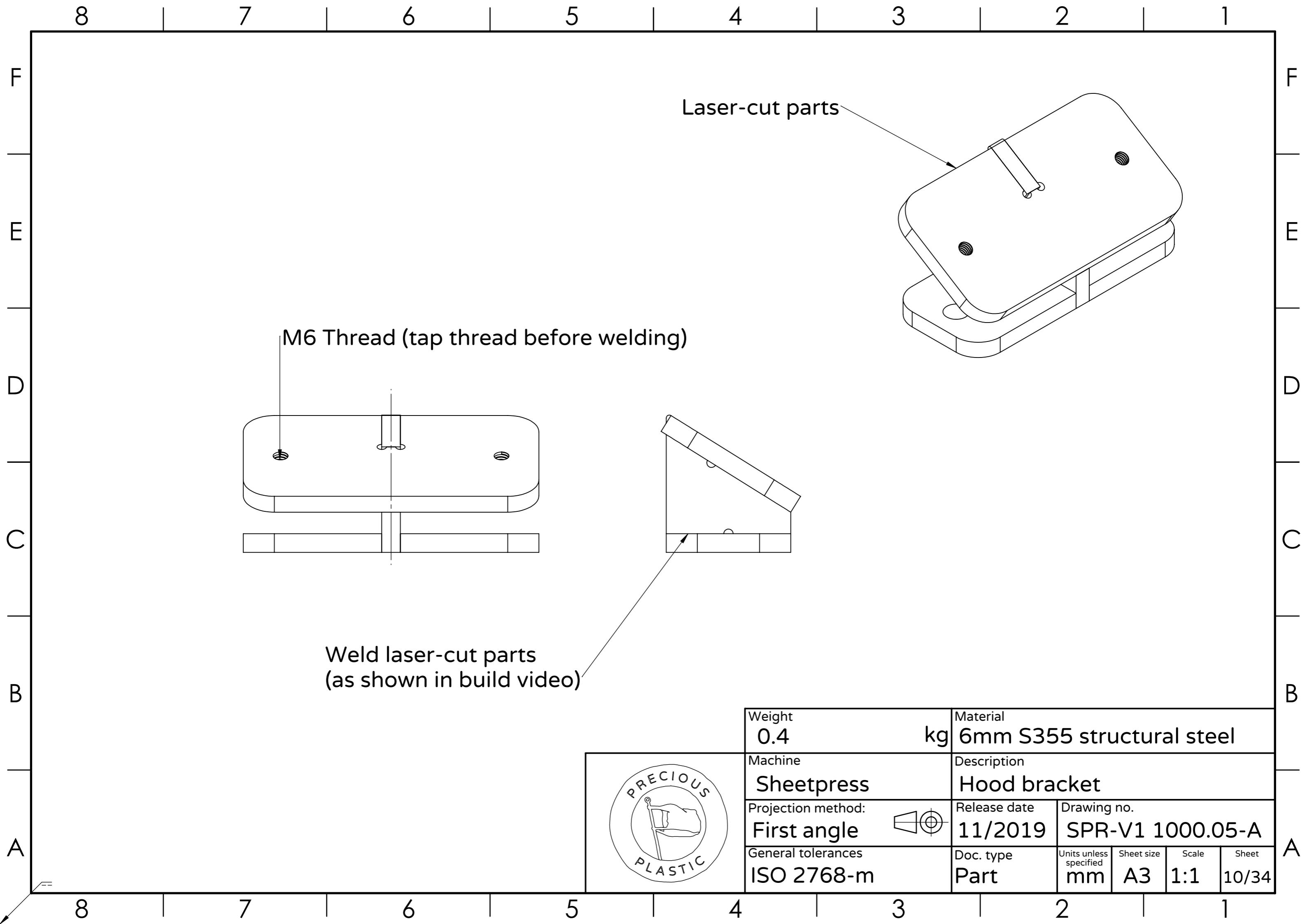


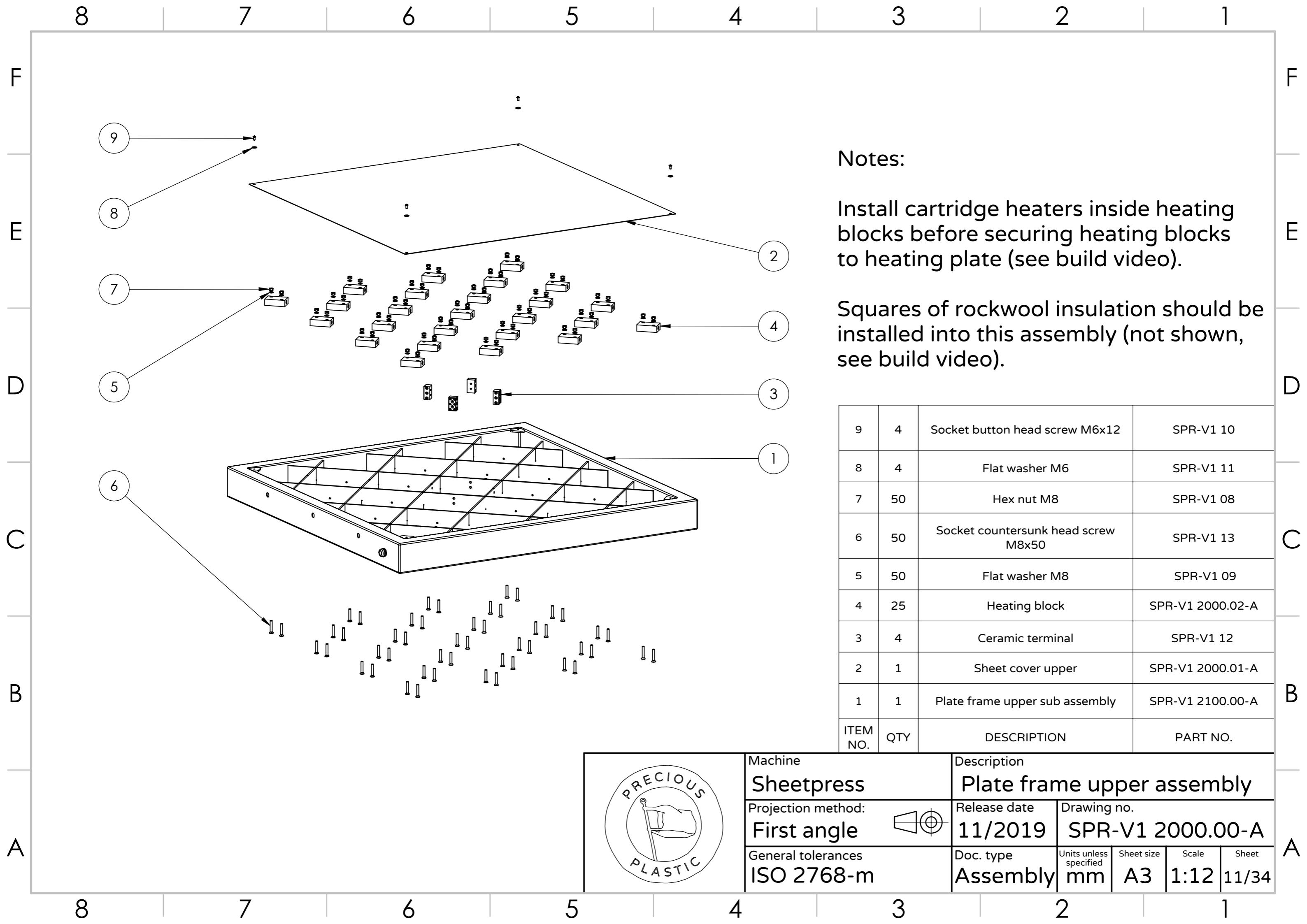


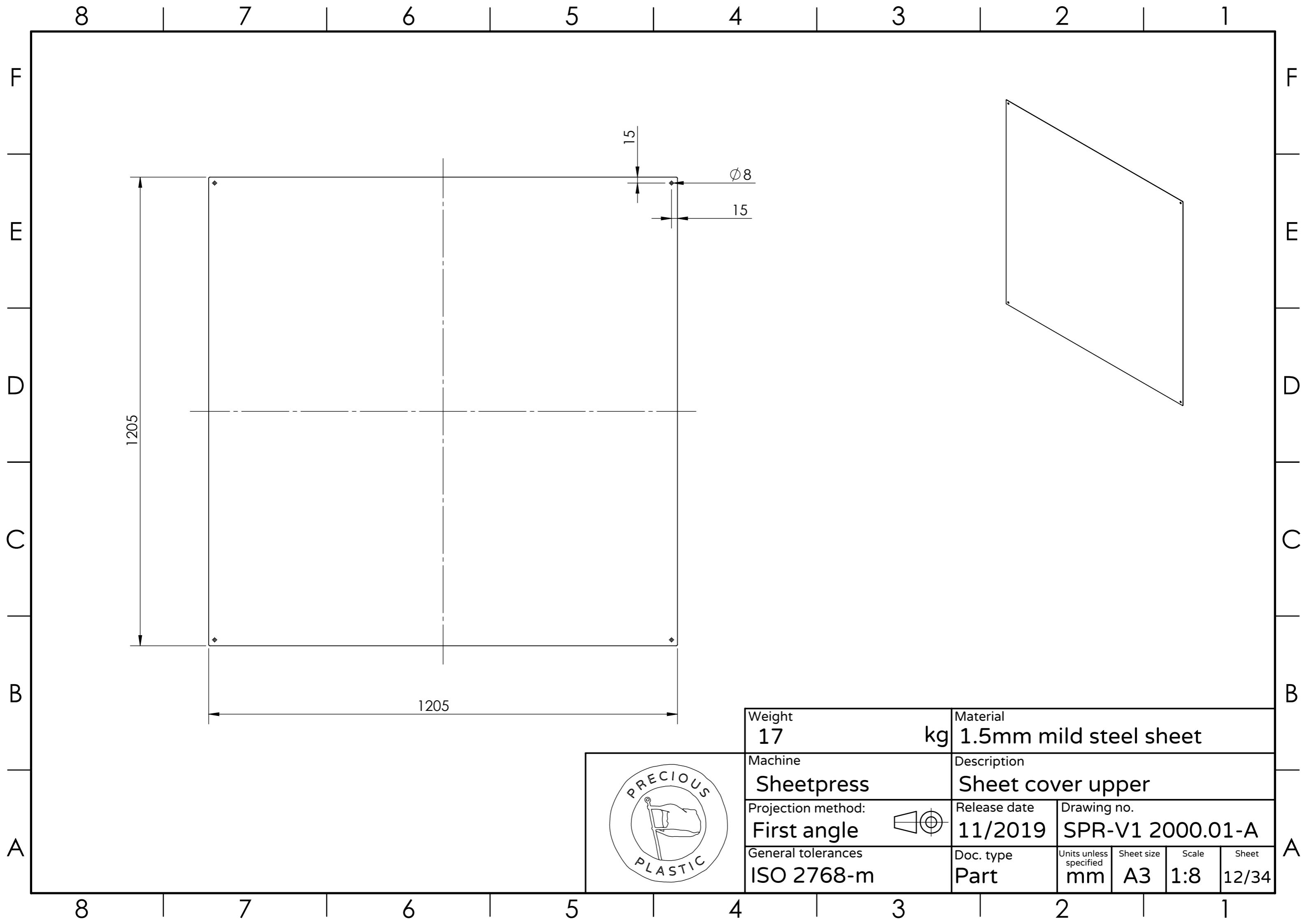


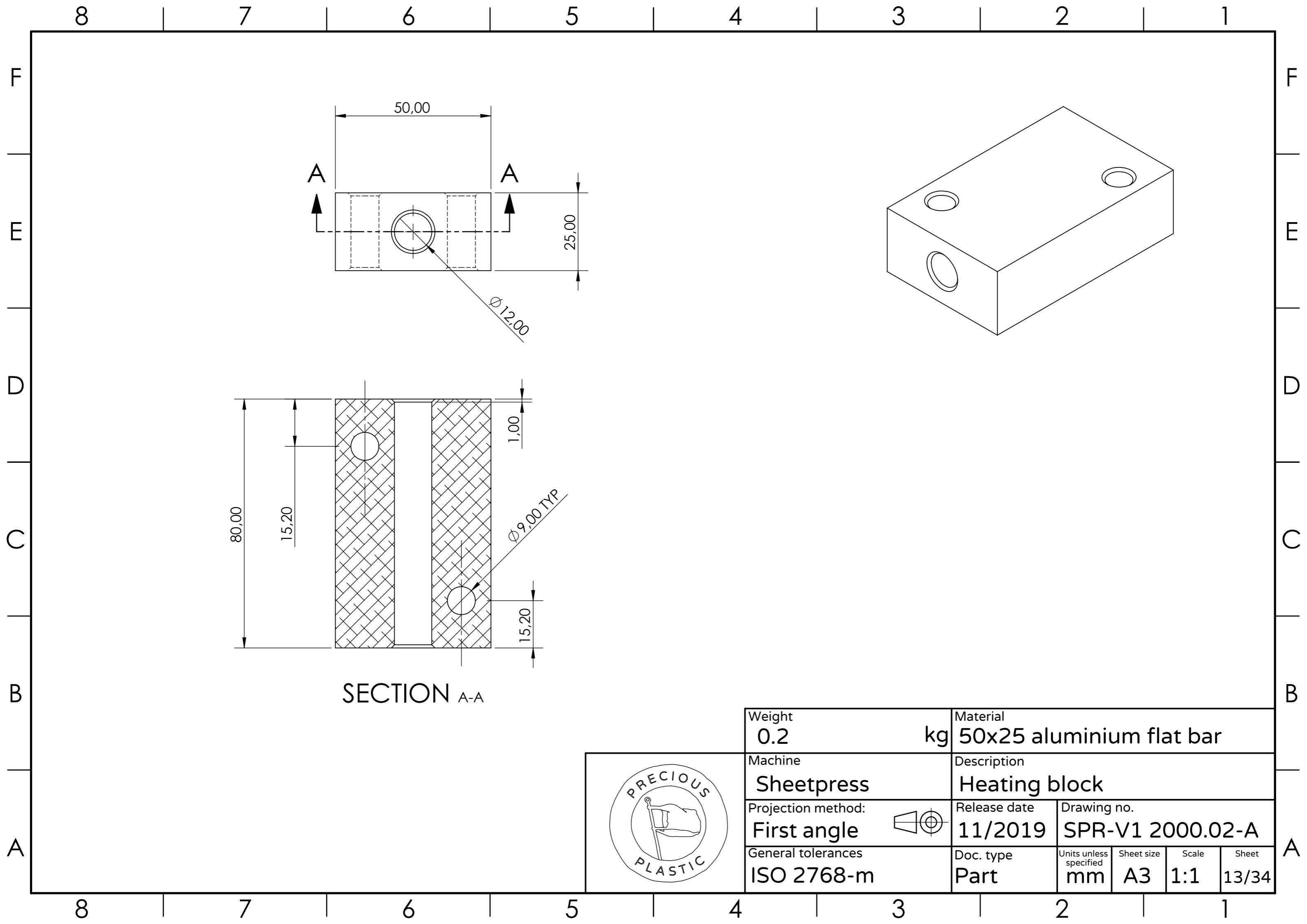










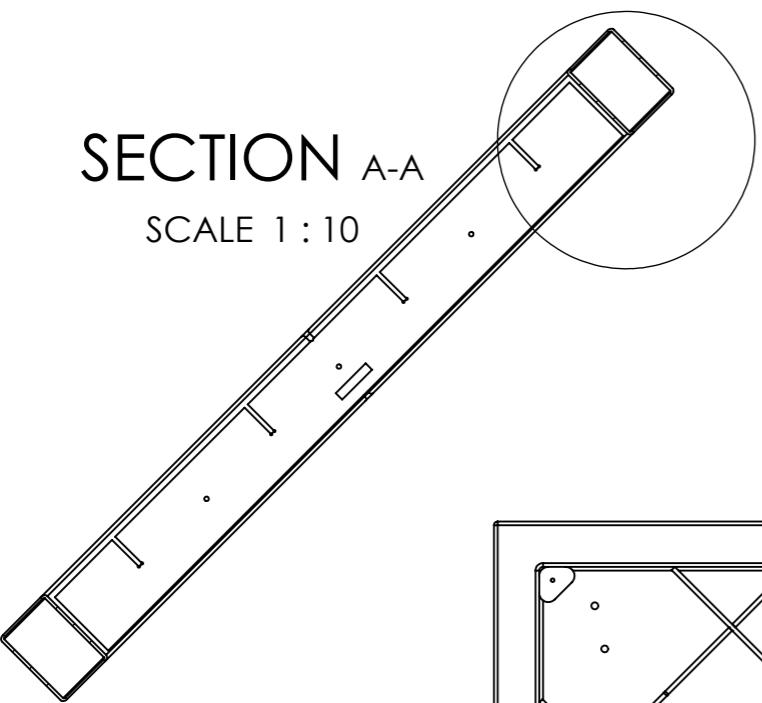


8 7 6 5 4 3 2 1

F
E
D
C
B
A

F
E
D
C
B
A

SECTION A-A
SCALE 1:10

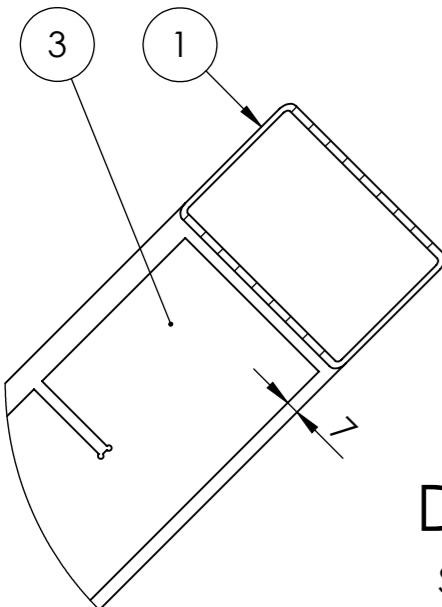


Weld rib structure to plate frame using full length fillet welds along each seam (as shown in build video)

DETAIL B

SCALE 1:4

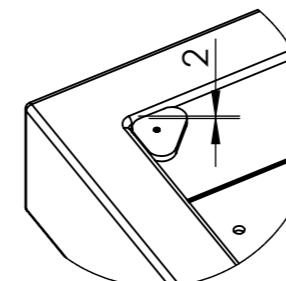
Note: Heating plate protrudes from plate frame by 3mm
WELD RIB STRUCTURE ACCORDINGLY (as shown)



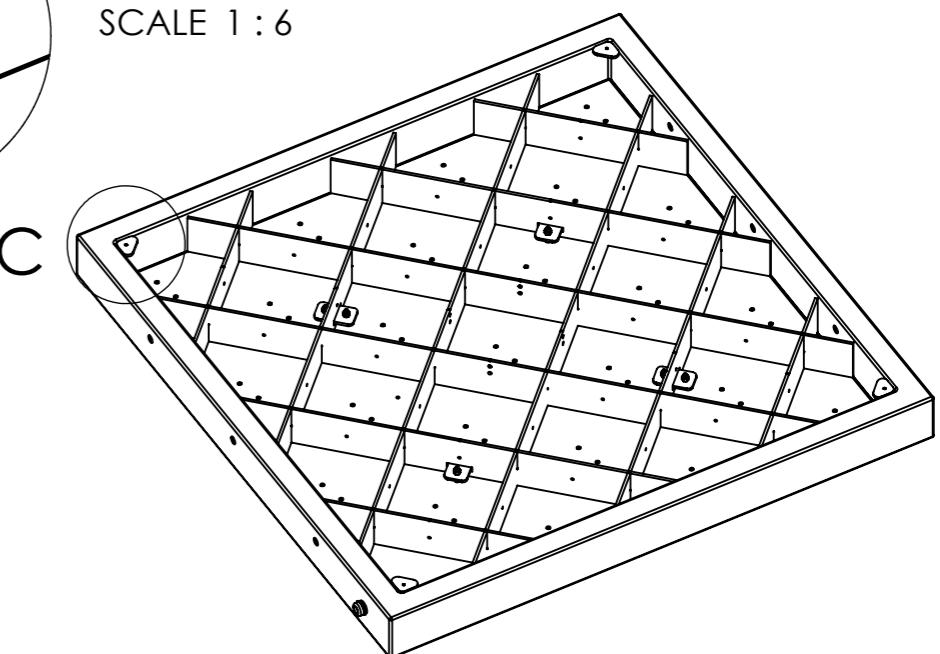
A

DETAIL C

SCALE 1:6



C



ITEM NO.	QTY	DESCRIPTION	PART NO.
8	8	Hex nut M8	SPR-V1 08
7	8	Socket countersunk head screw M8 x 50	SPR-V1 13
6	1	M25 cable gland	SPR-V1 14
5	4	Suspension plate	SPR-V1 2100.05-A
4	4	Sheet mount tab	SPR-V1 2100.04-A
3	1	Rib structure upper	SPR-V1 2100.03-A
2	1	Heating plate upper	SPR-V1 2100.02-A
1	1	Plate frame upper	SPR-V1 2100.01-A

ITEM NO.

QTY

DESCRIPTION

PART NO.

Machine

Sheetpress

Projection method:

First angle

General tolerances

ISO 2768-m

Description

Plate frame upper sub assembly

Release date

11/2019

Drawing no.

SPR-V1 2100.00-A

Doc. type

Assembly

Units unless specified

mm

Sheet size

A3

Scale

1:10

Sheet

14/34



8

7

6

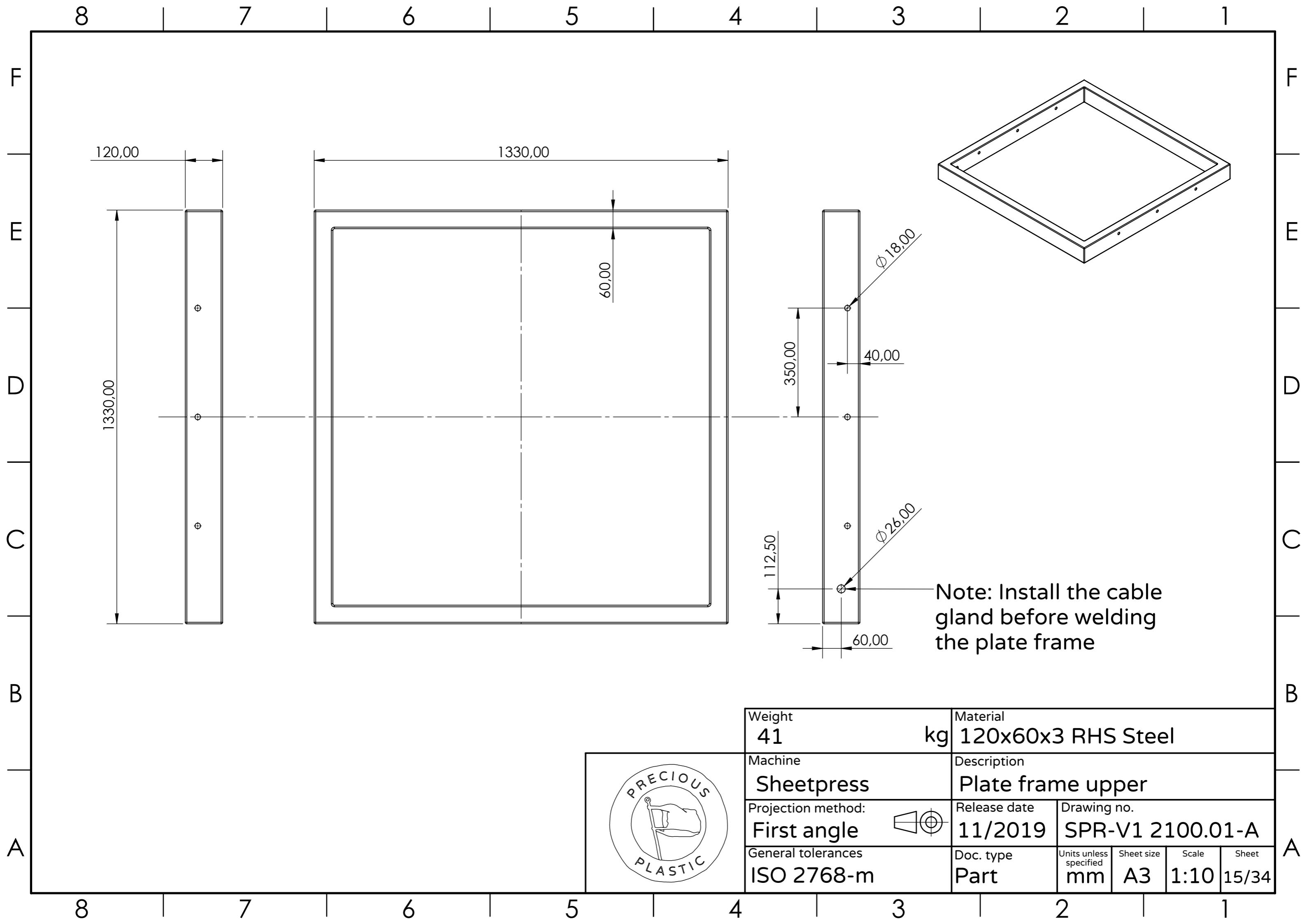
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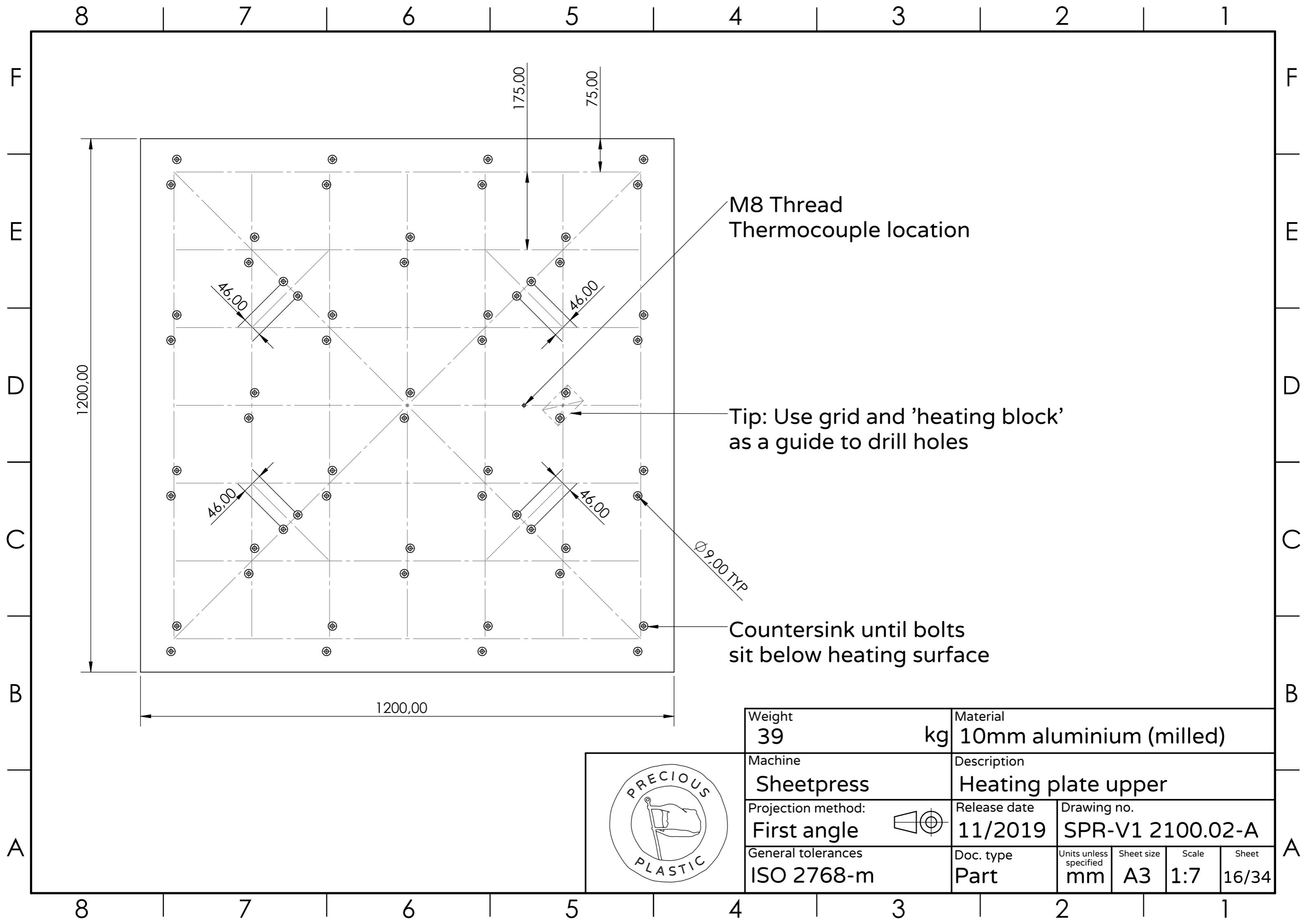
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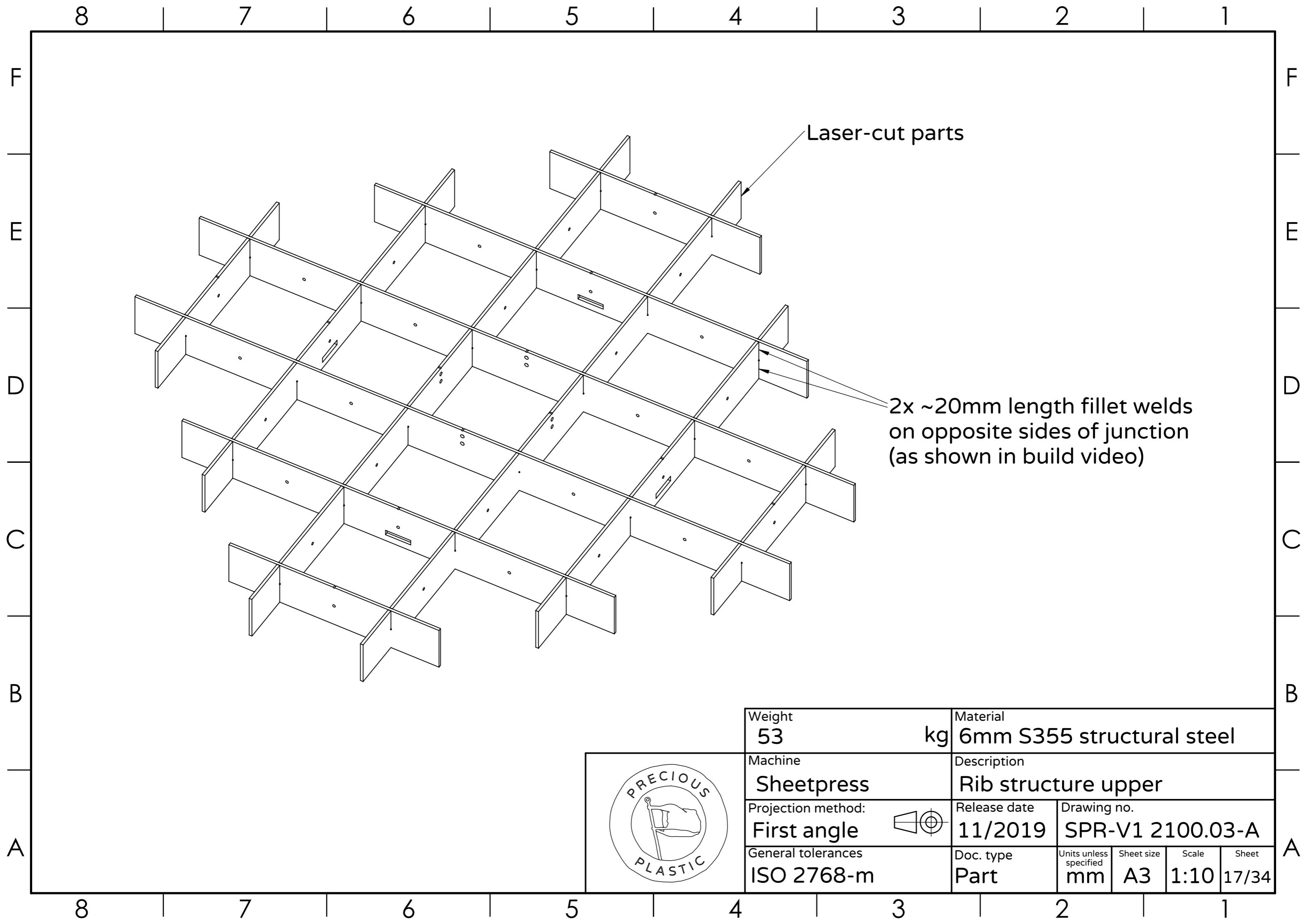
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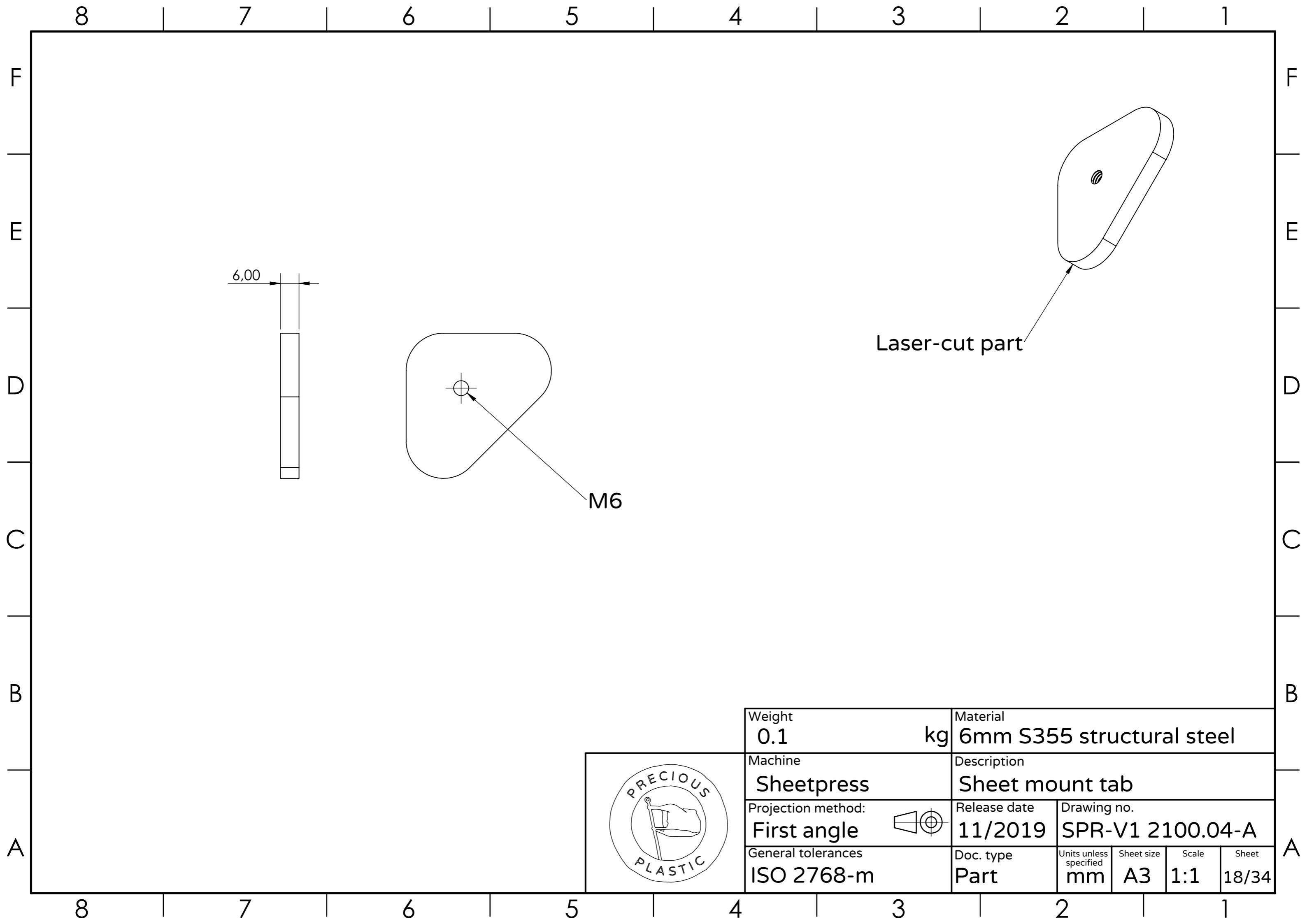
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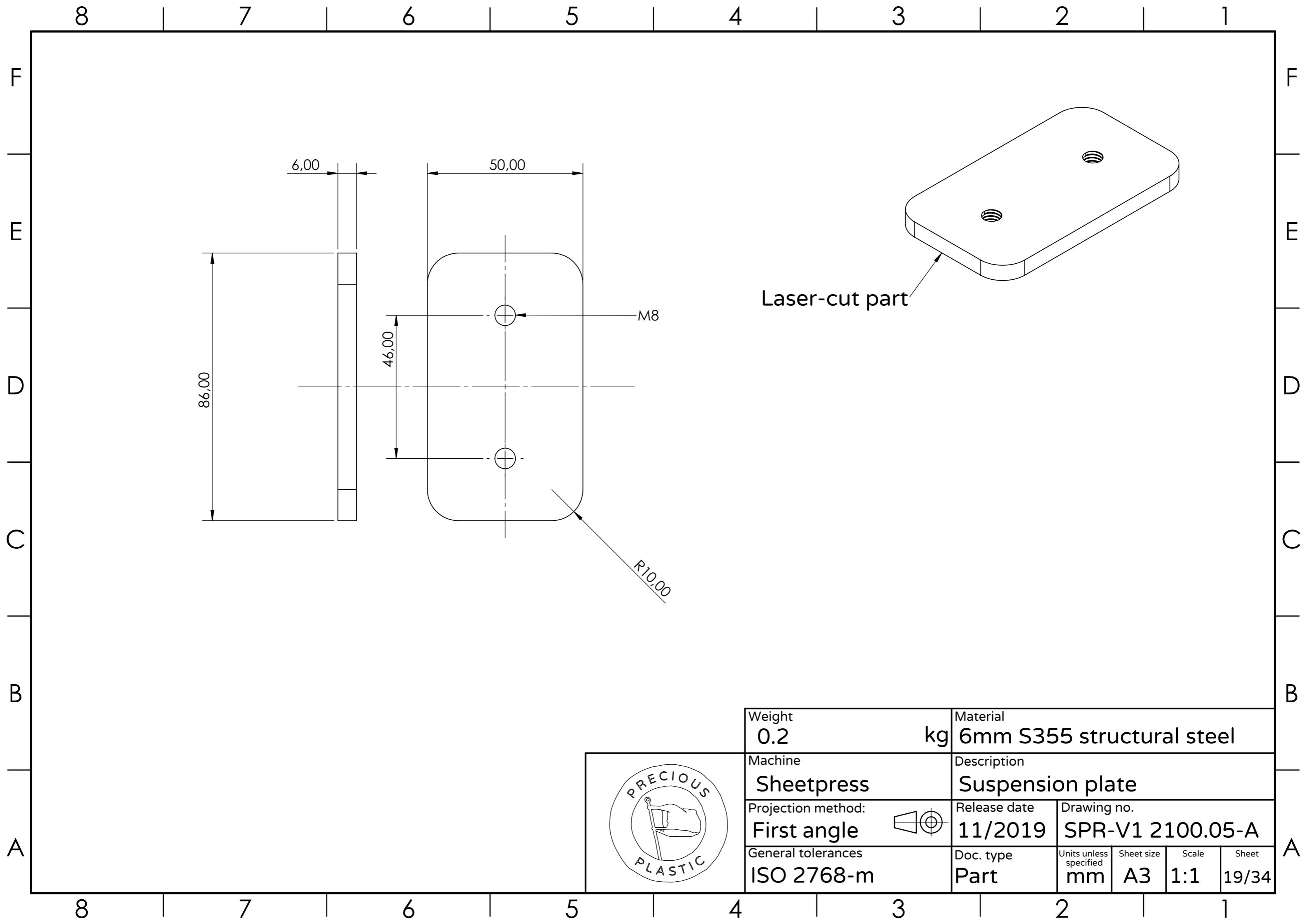
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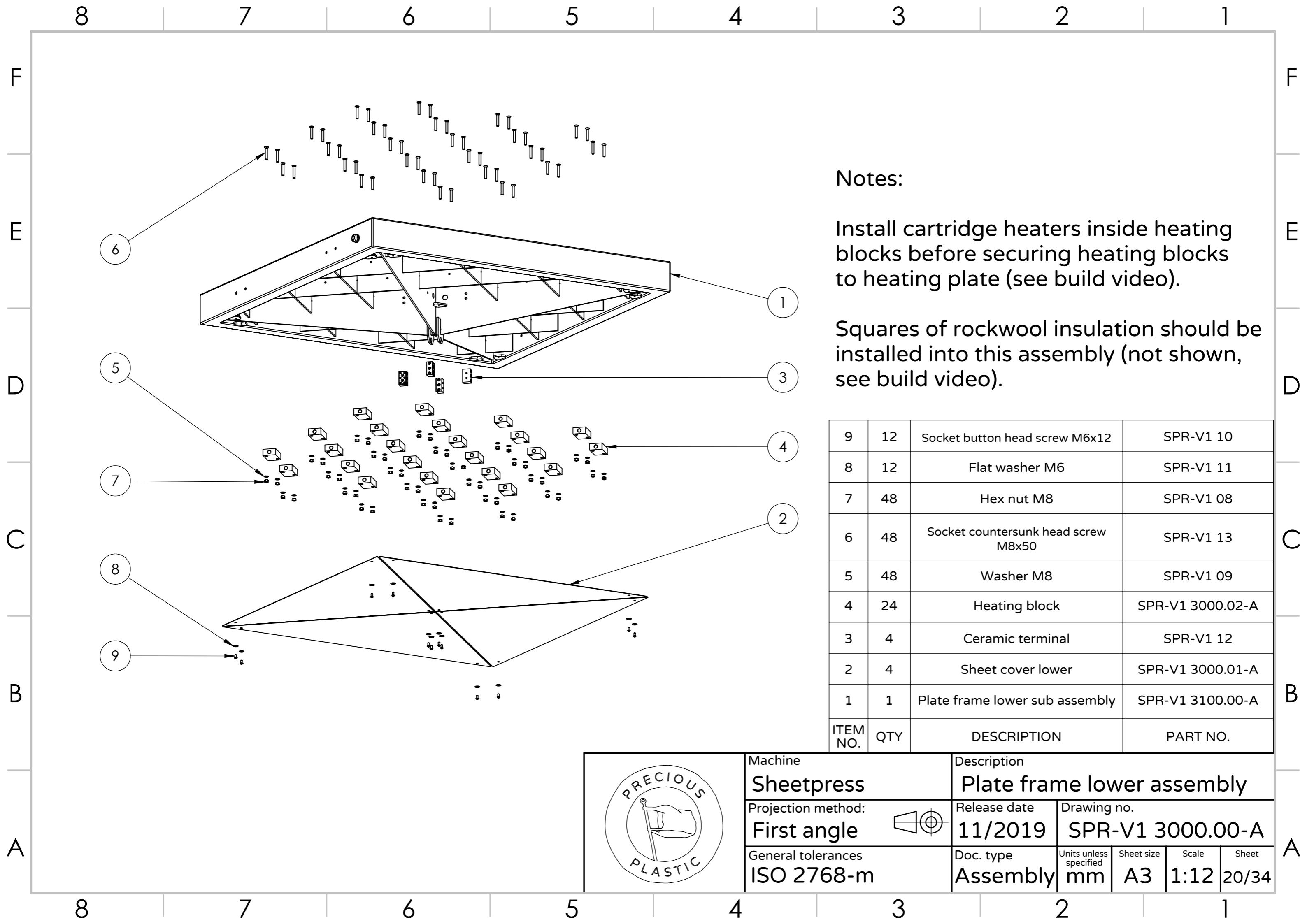


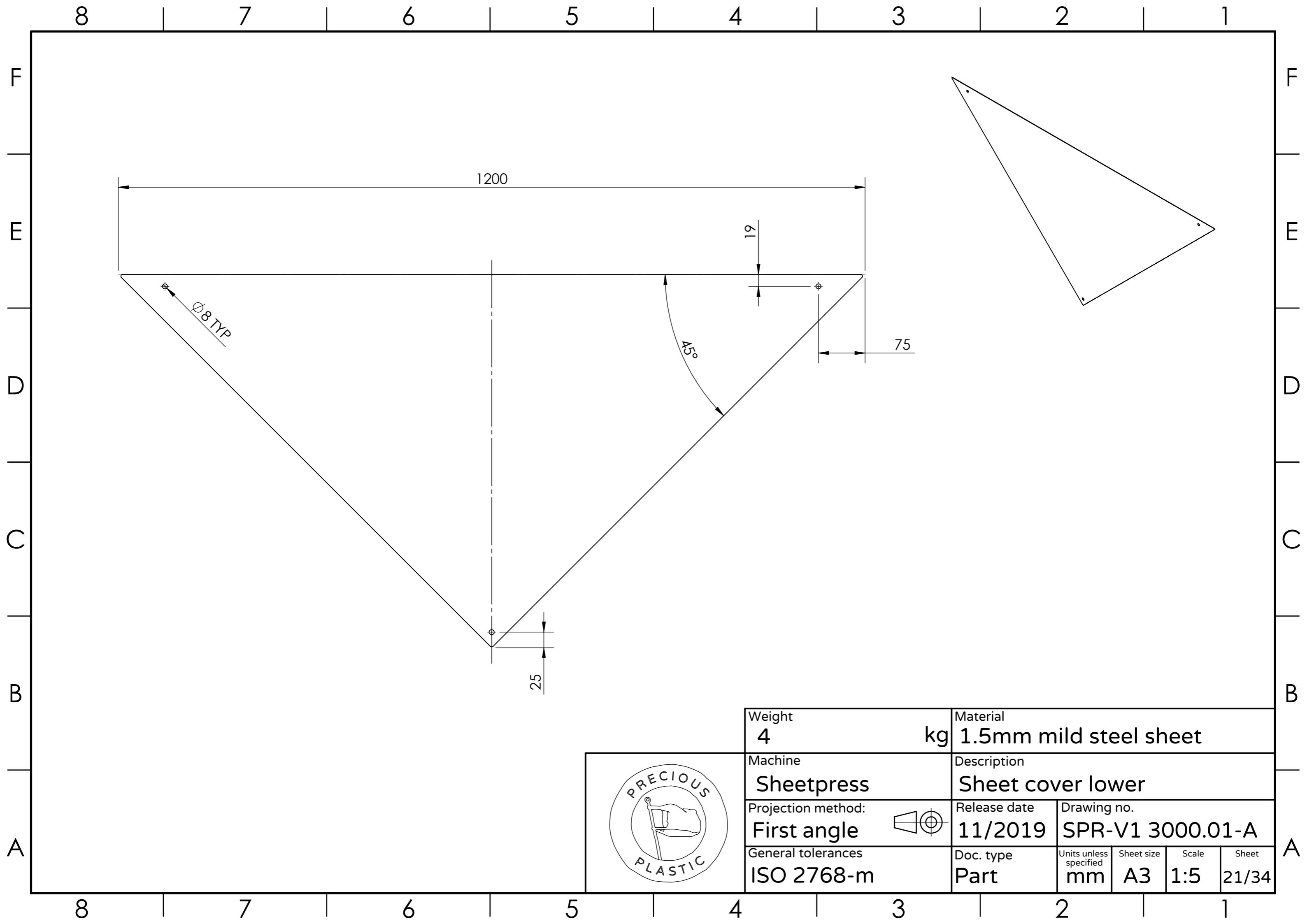


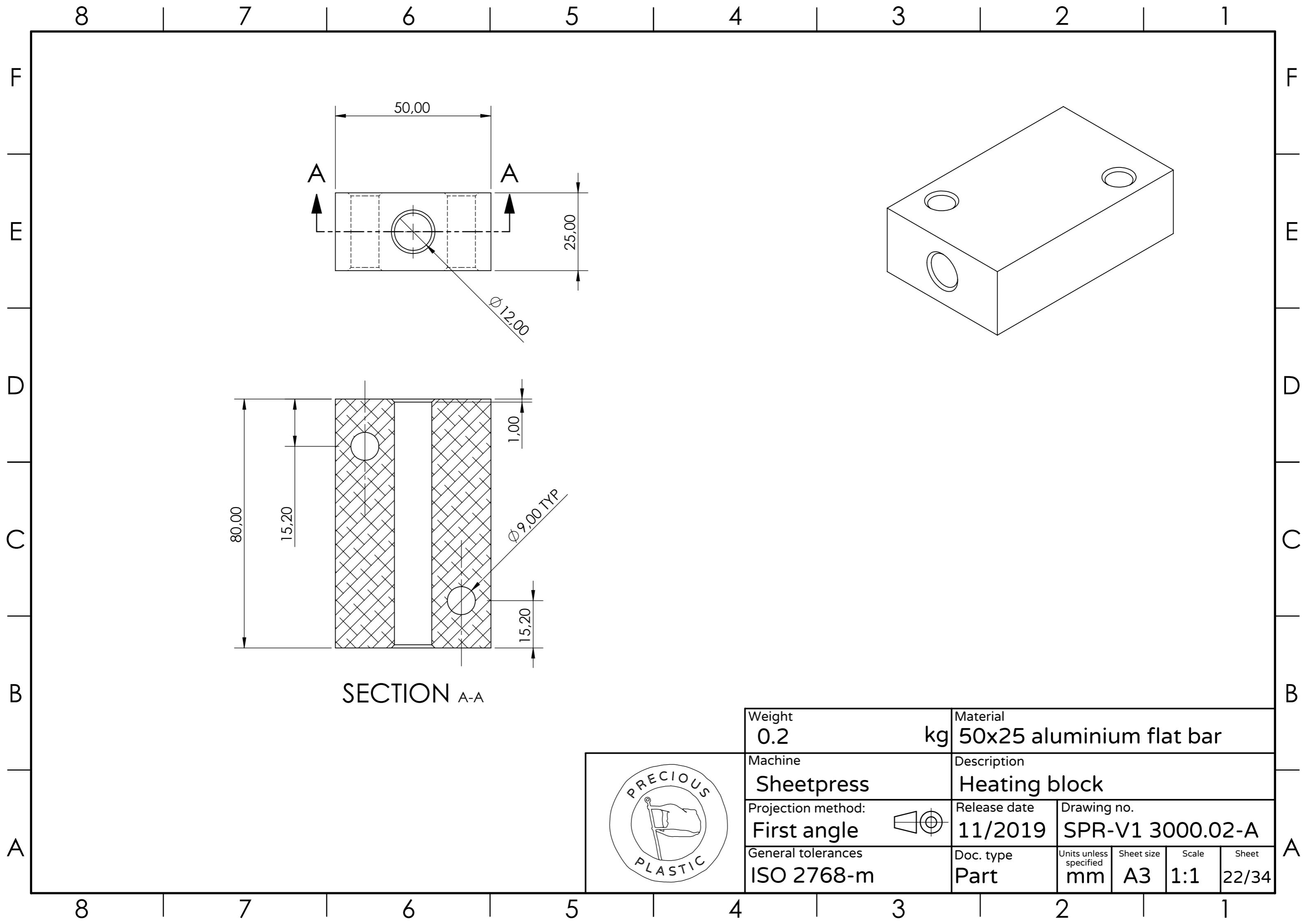










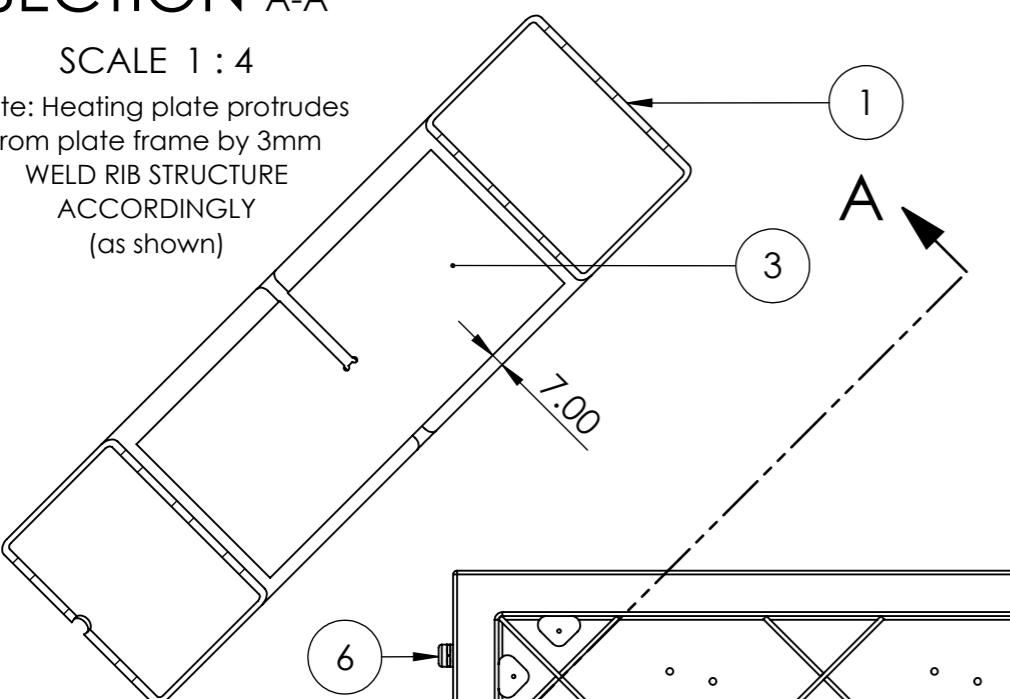


8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

SECTION A-A

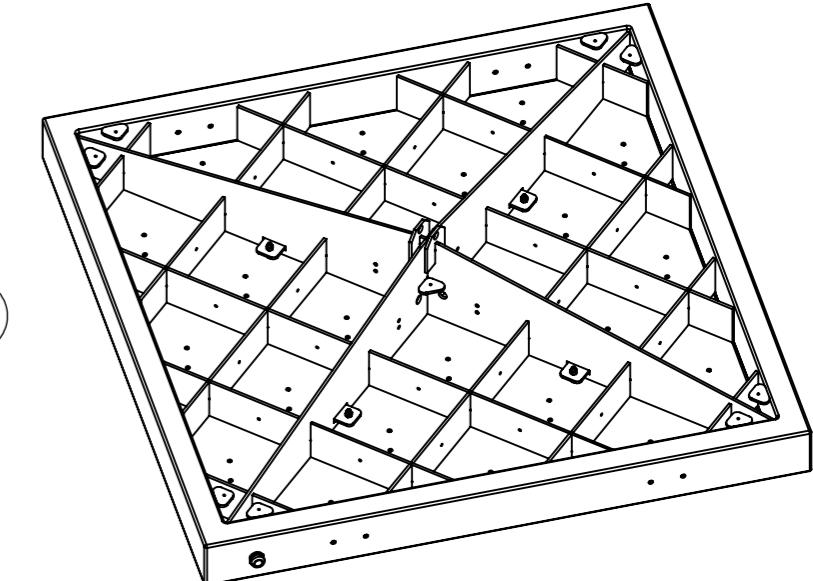
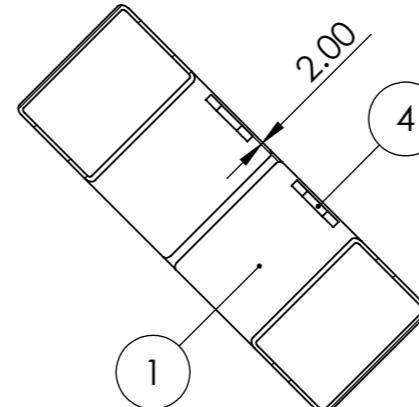
SCALE 1:4

Note: Heating plate protrudes from plate frame by 3mm
WELD RIB STRUCTURE ACCORDINGLY
(as shown)



SECTION B-B

SCALE 1:6



E

D

C

B

A

F

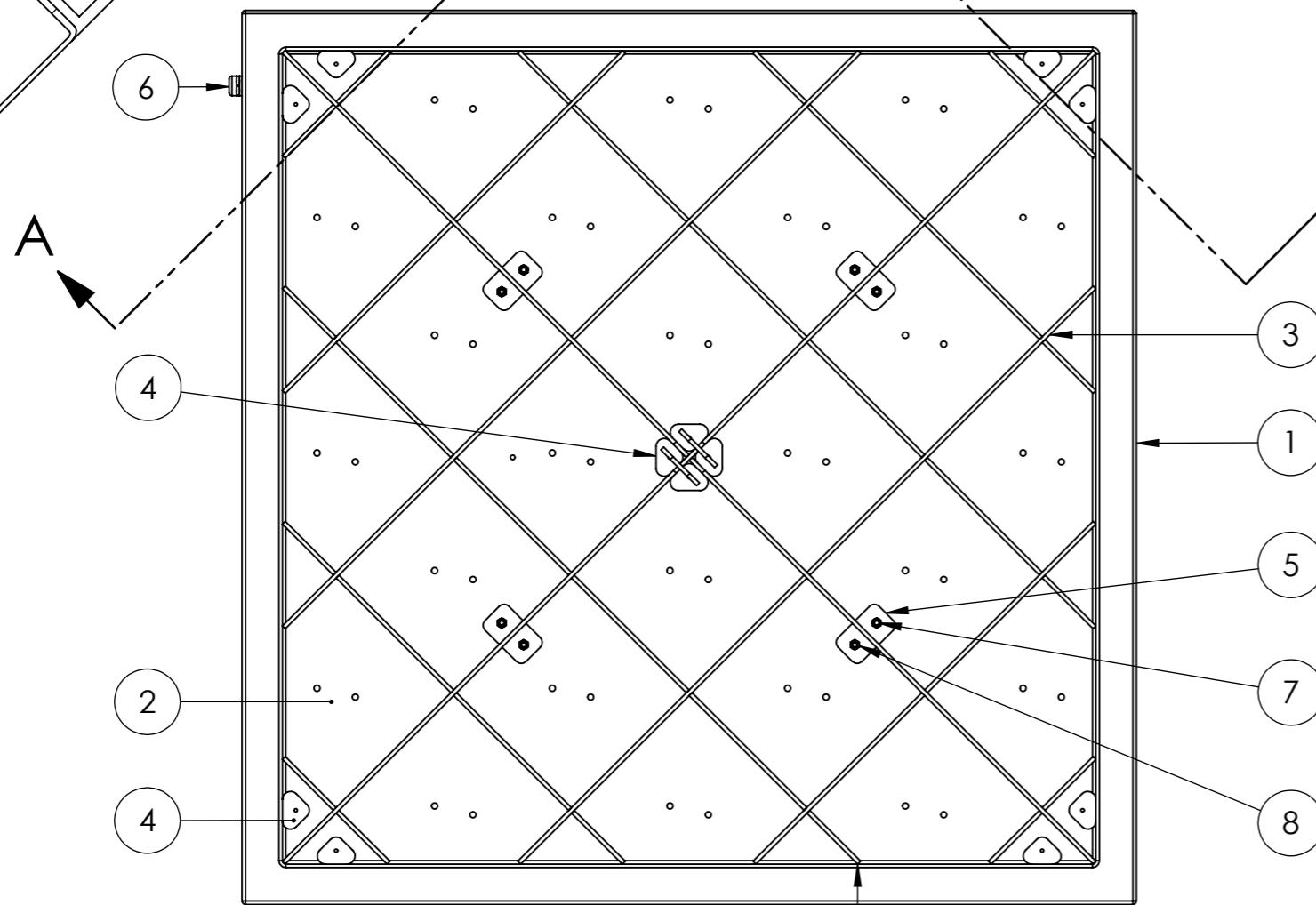
E

D

C

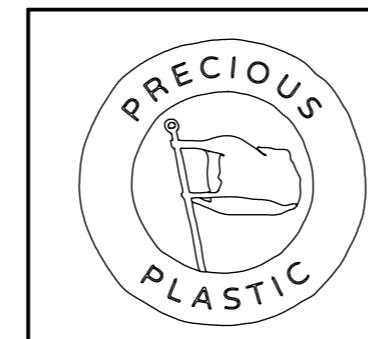
B

A



Weld rib structure to plate frame using full length fillet welds along each seam (as shown in build video)

ITEM NO.	QTY	DESCRIPTION	PART NO.
8	8	Hex nut M8	SPR-V1 08
7	8	Socket countersunk head screw M8 x 50	SPR-V1 13
6	1	M25 cable gland	SPR-V1 14
5	4	Suspension plate	SPR-V1 3100.05-A
4	12	Sheet mount tab	SPR-V1 3100.04-A
3	1	Rib structure lower	SPR-V1 3100.03-A
2	1	Heating plate lower	SPR-V1 3100.02-A
1	1	Plate frame lower	SPR-V1 3100.01-A



Machine
Sheetpress

Projection method:
First angle

General tolerances
ISO 2768-m

Description
Plate frame lower sub assembly

Release date
11/2019

Drawing no.
SPR-V1 3100.00-A

Doc. type
Assembly

Units unless specified
mm

Sheet size
A3

Scale
1:10

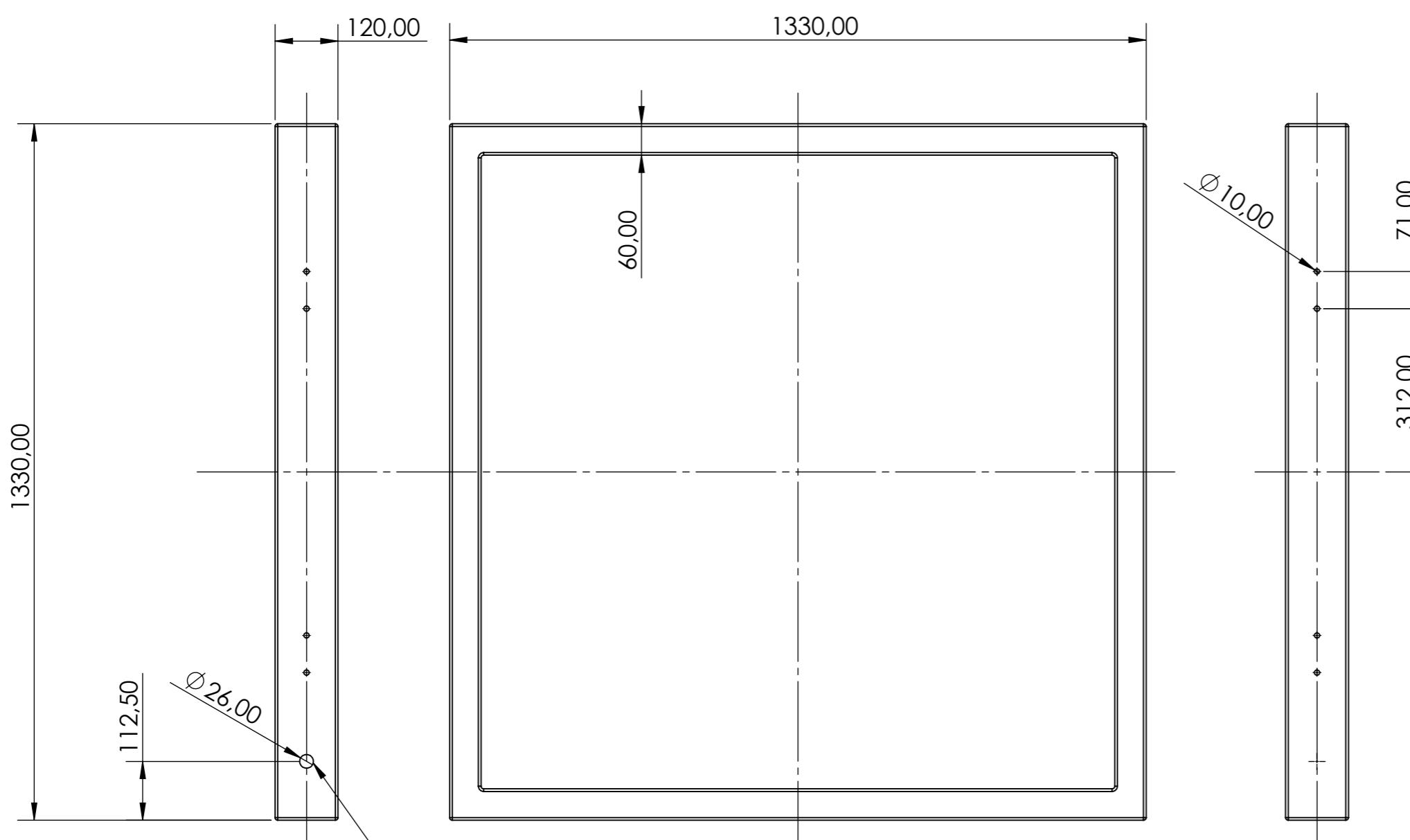
Sheet
23/34

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

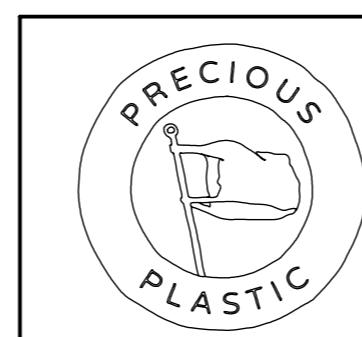
8 7 6 5 4 3 2 1

F
E
D
C
B
A

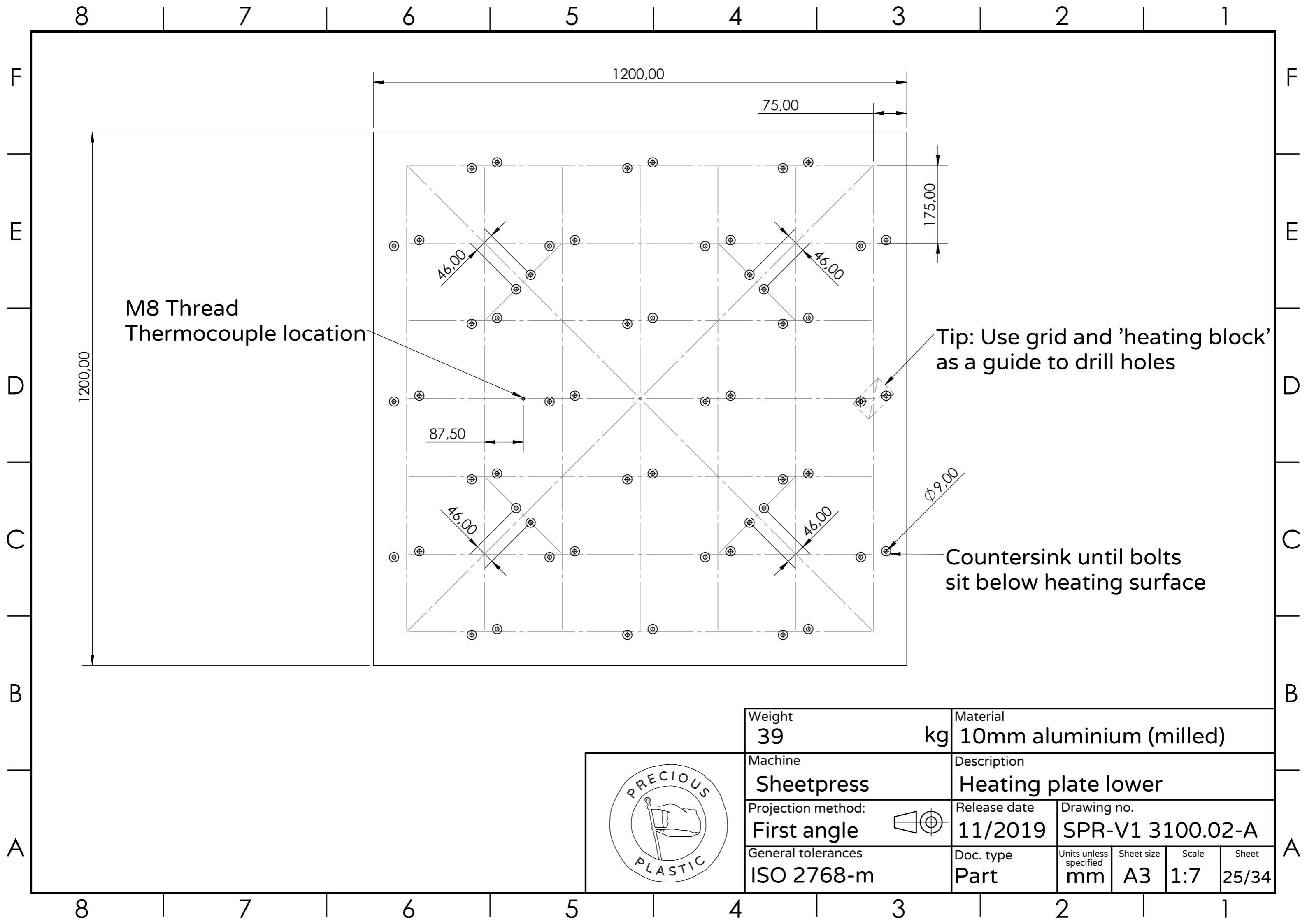
F
E
D
C
B
A

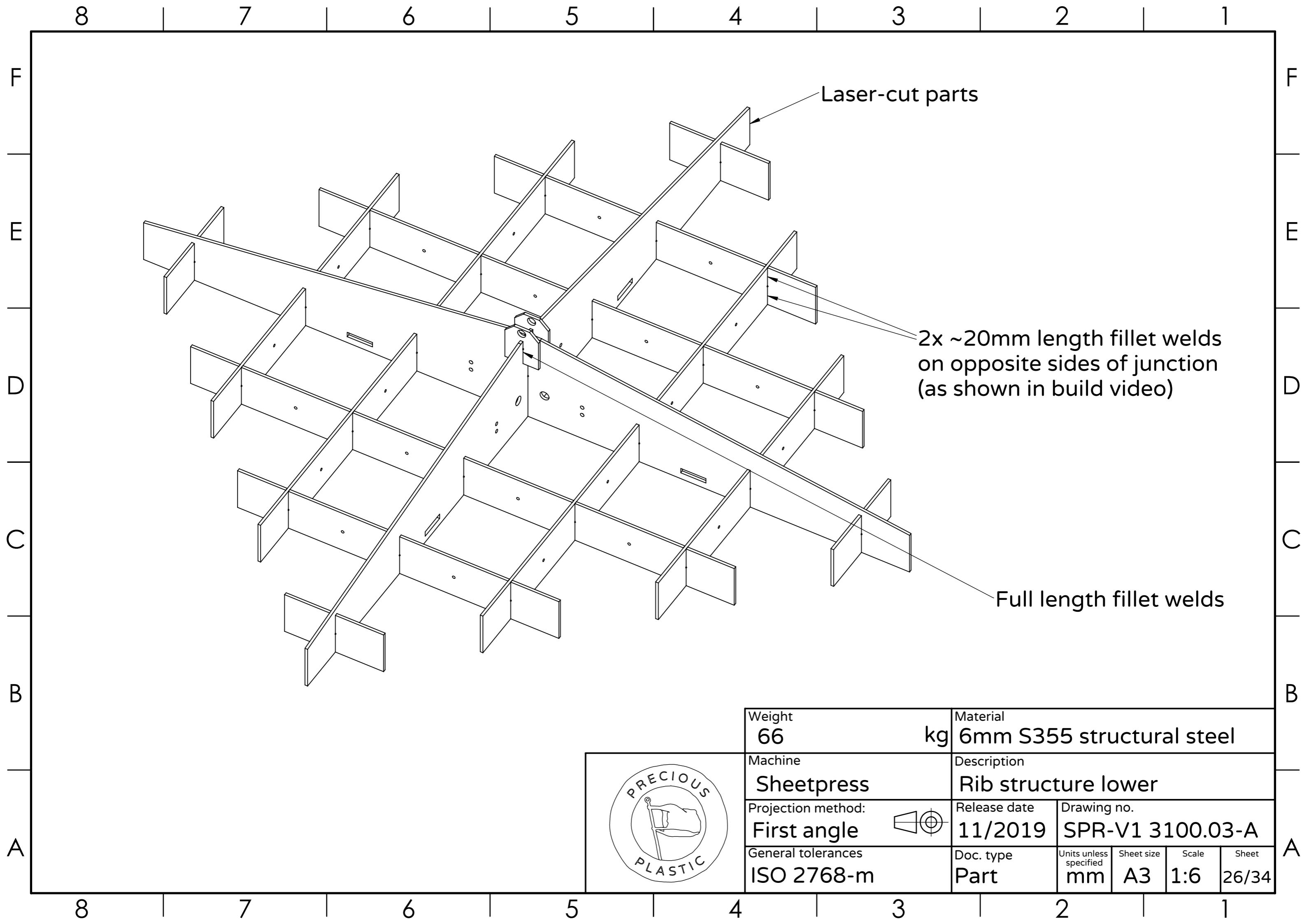


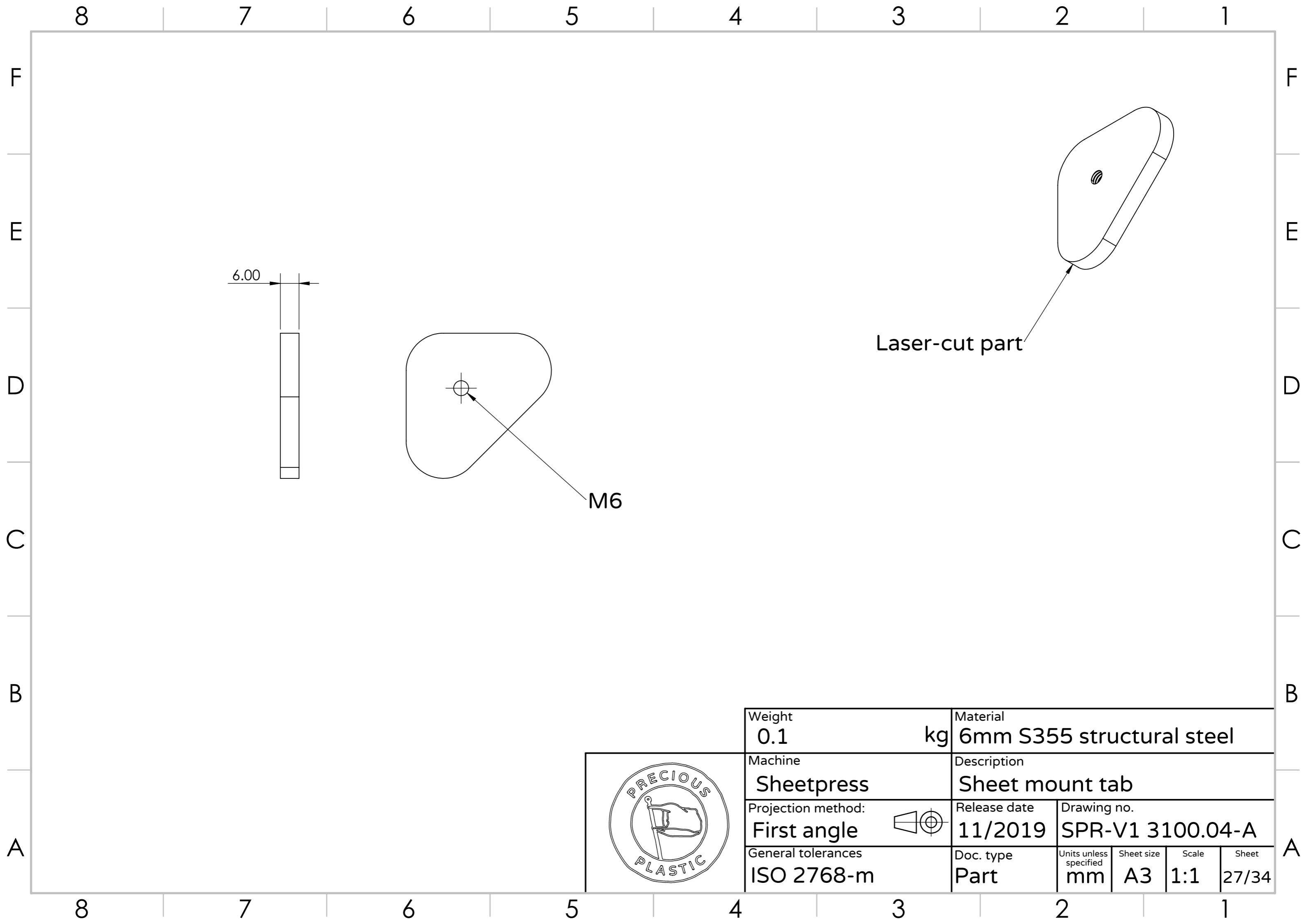
Note: Install the cable gland before welding the plate frame

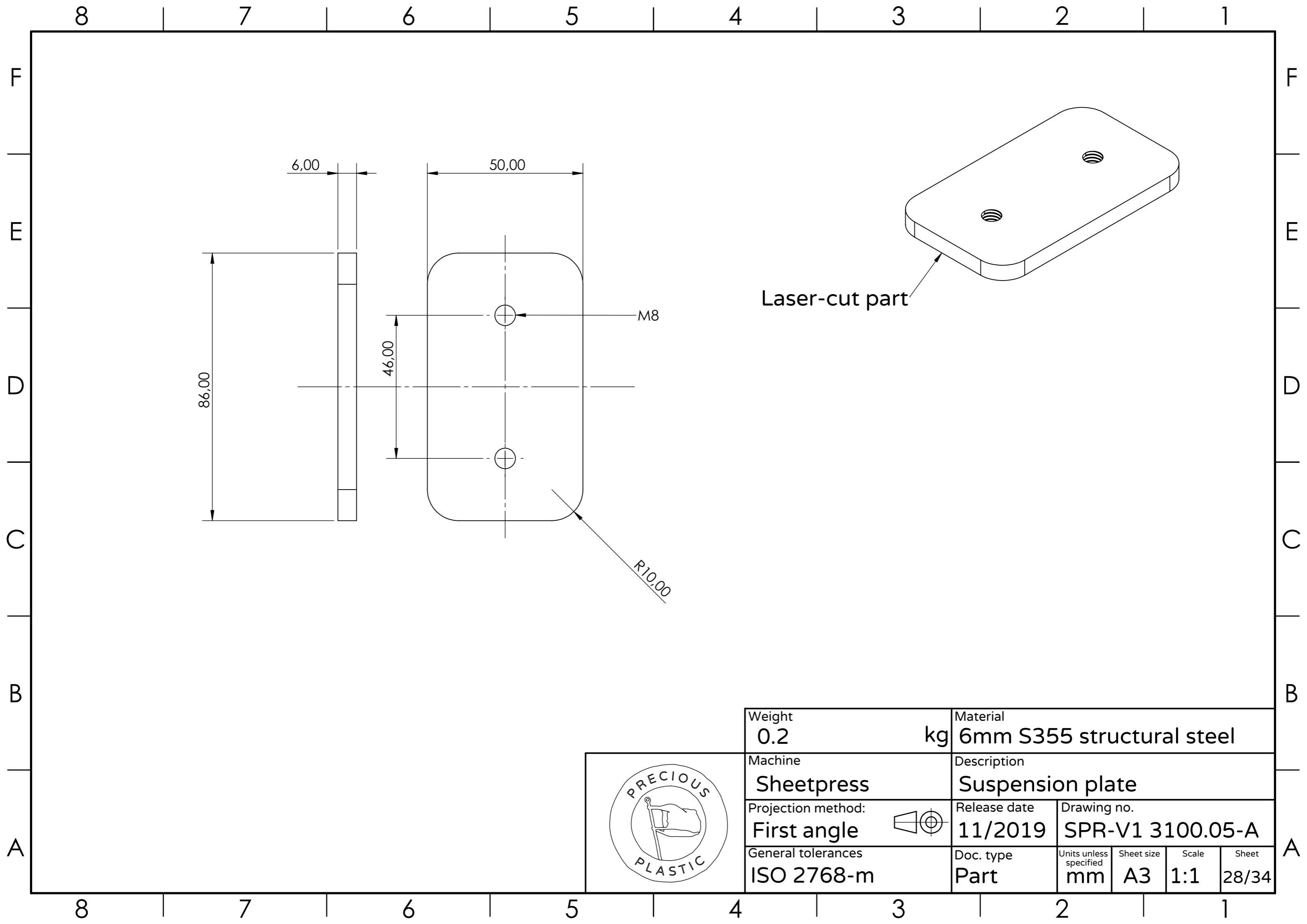


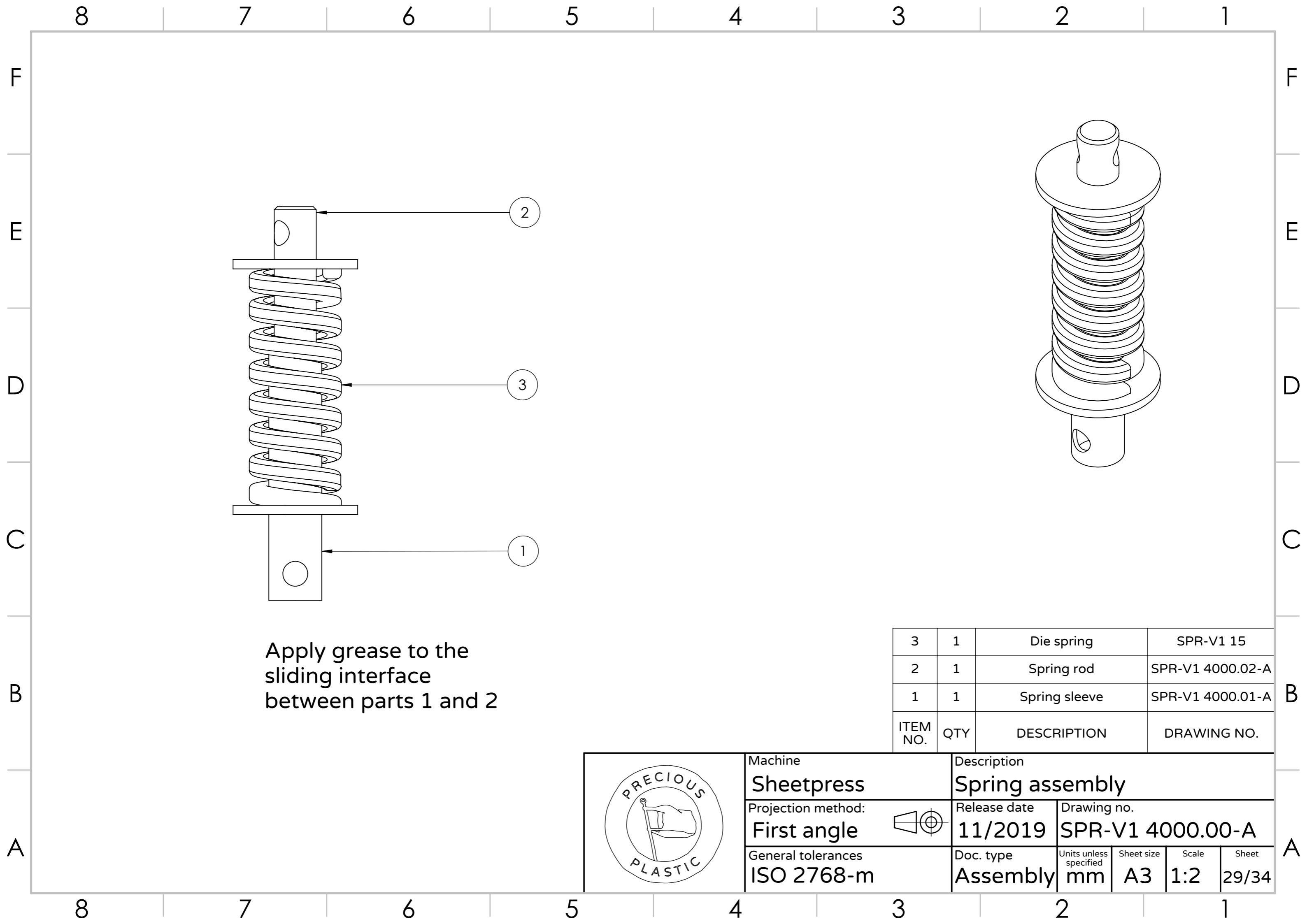
Weight 41	kg	Material 120x60x3 RHS Steel
Machine Sheetpress	Description Plate frame lower	
Projection method: First angle	Release date 11/2019	Drawing no. SPR-V1 3100.01-A
General tolerances ISO 2768-m	Doc. type Part	Units unless specified mm
	Sheet size A3	Scale 1:10
	Sheet 24/34	

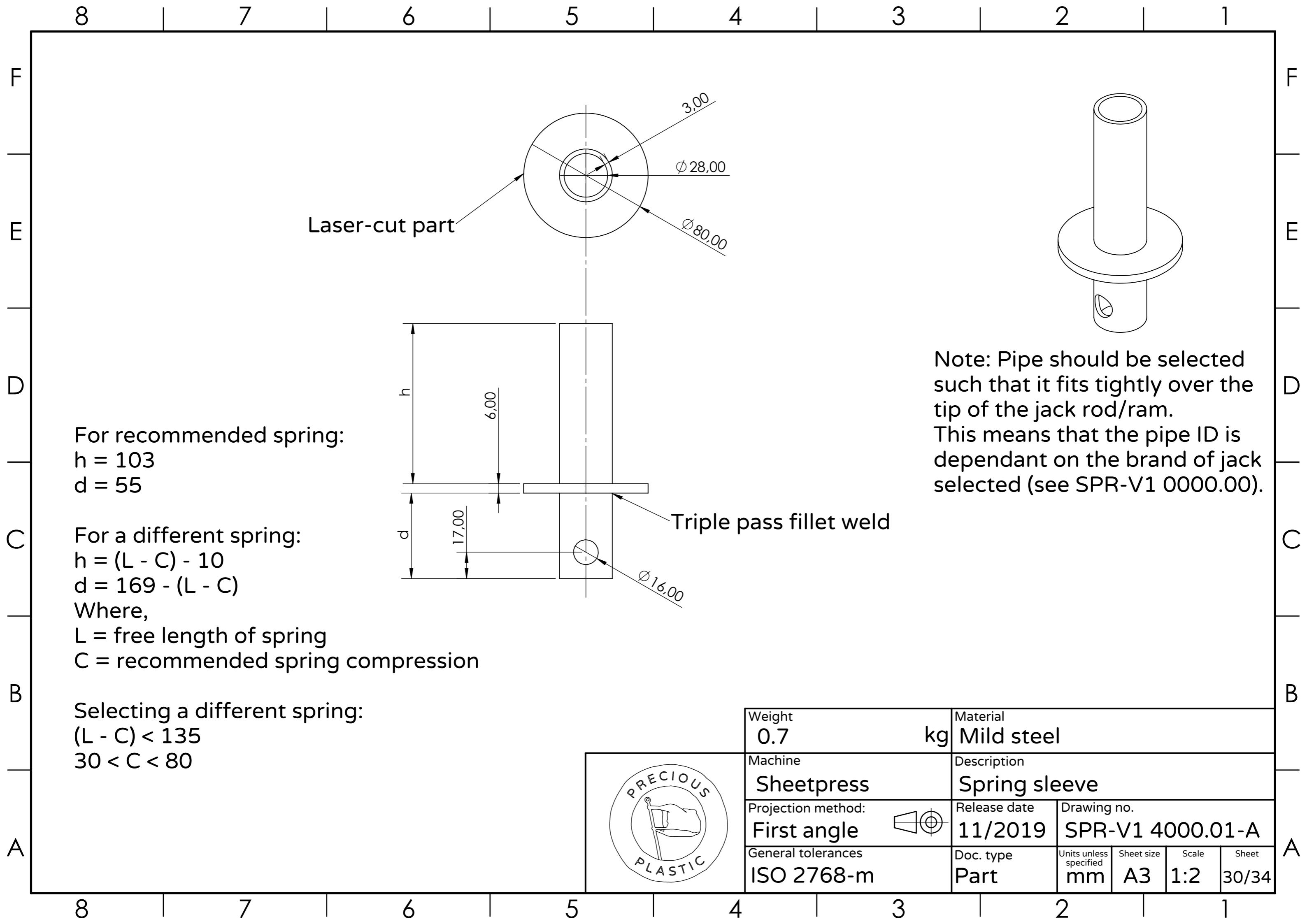


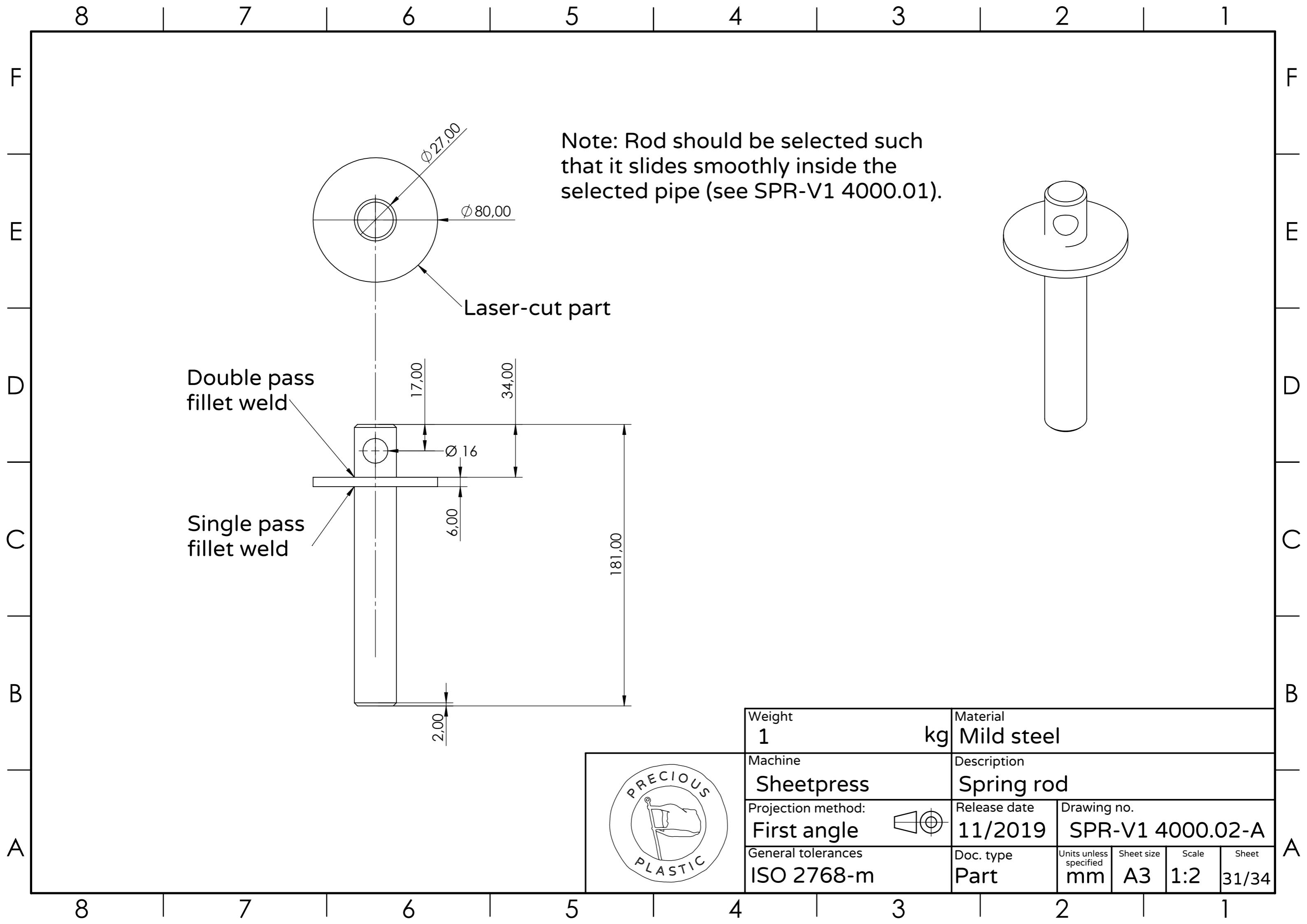


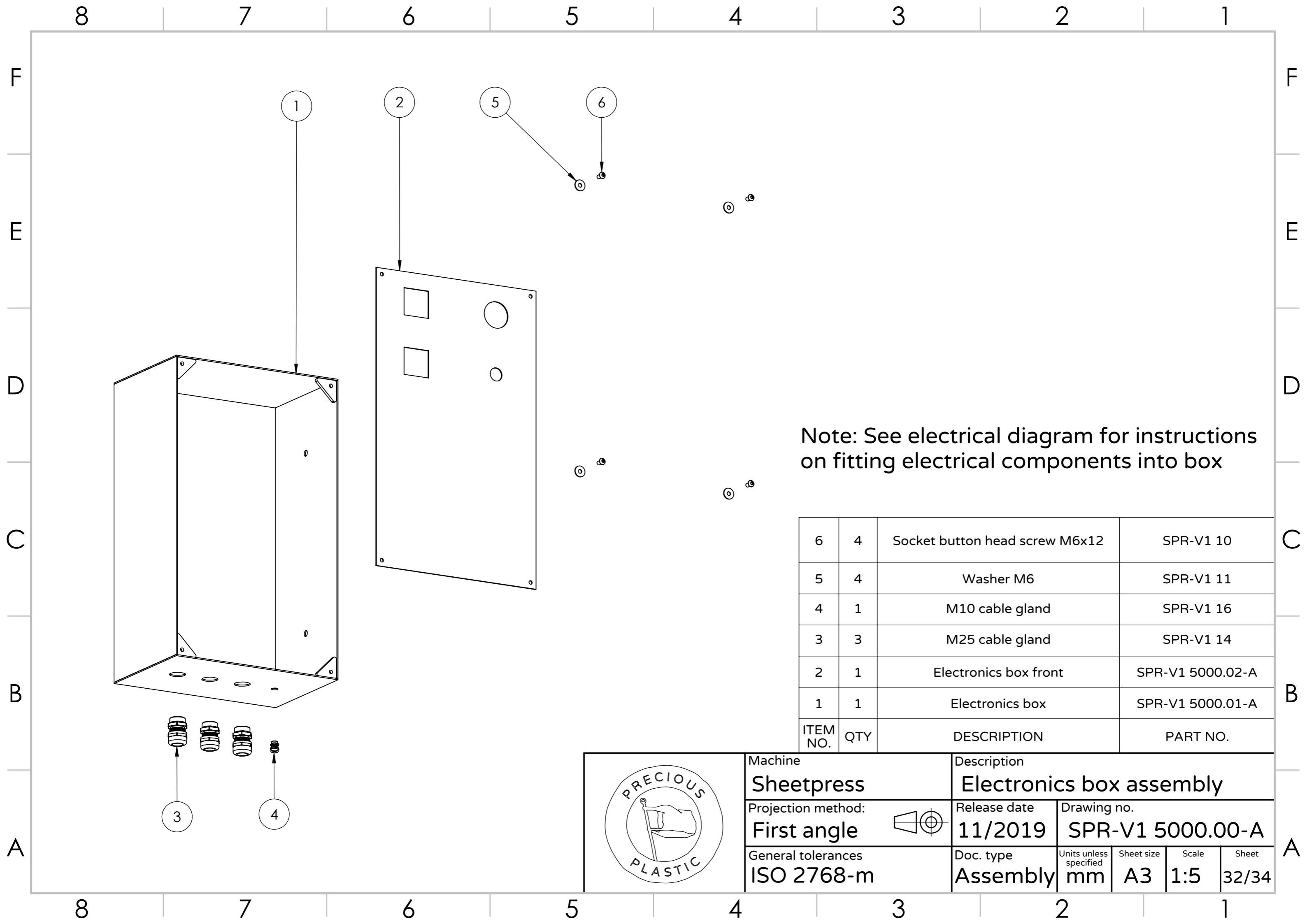


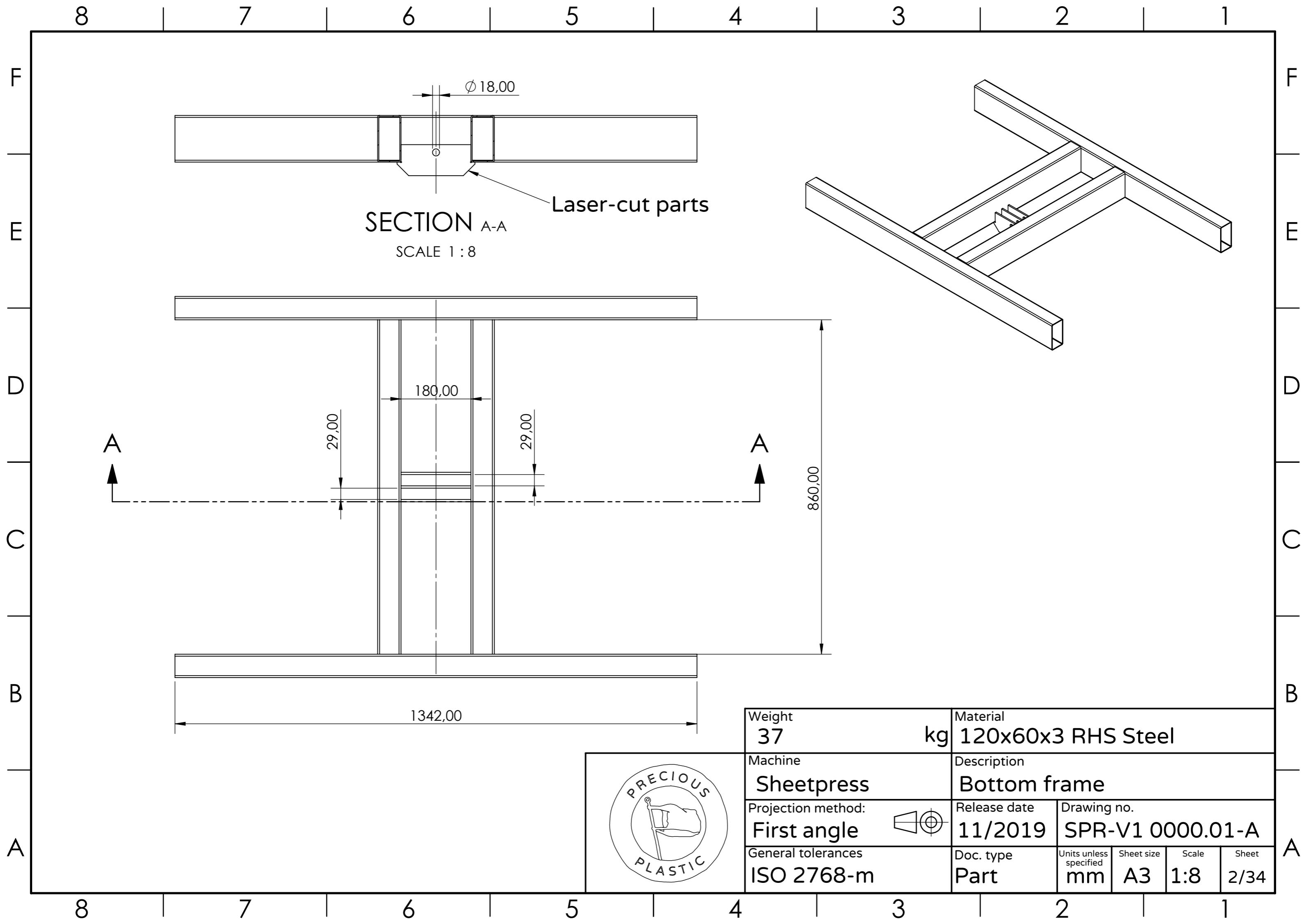


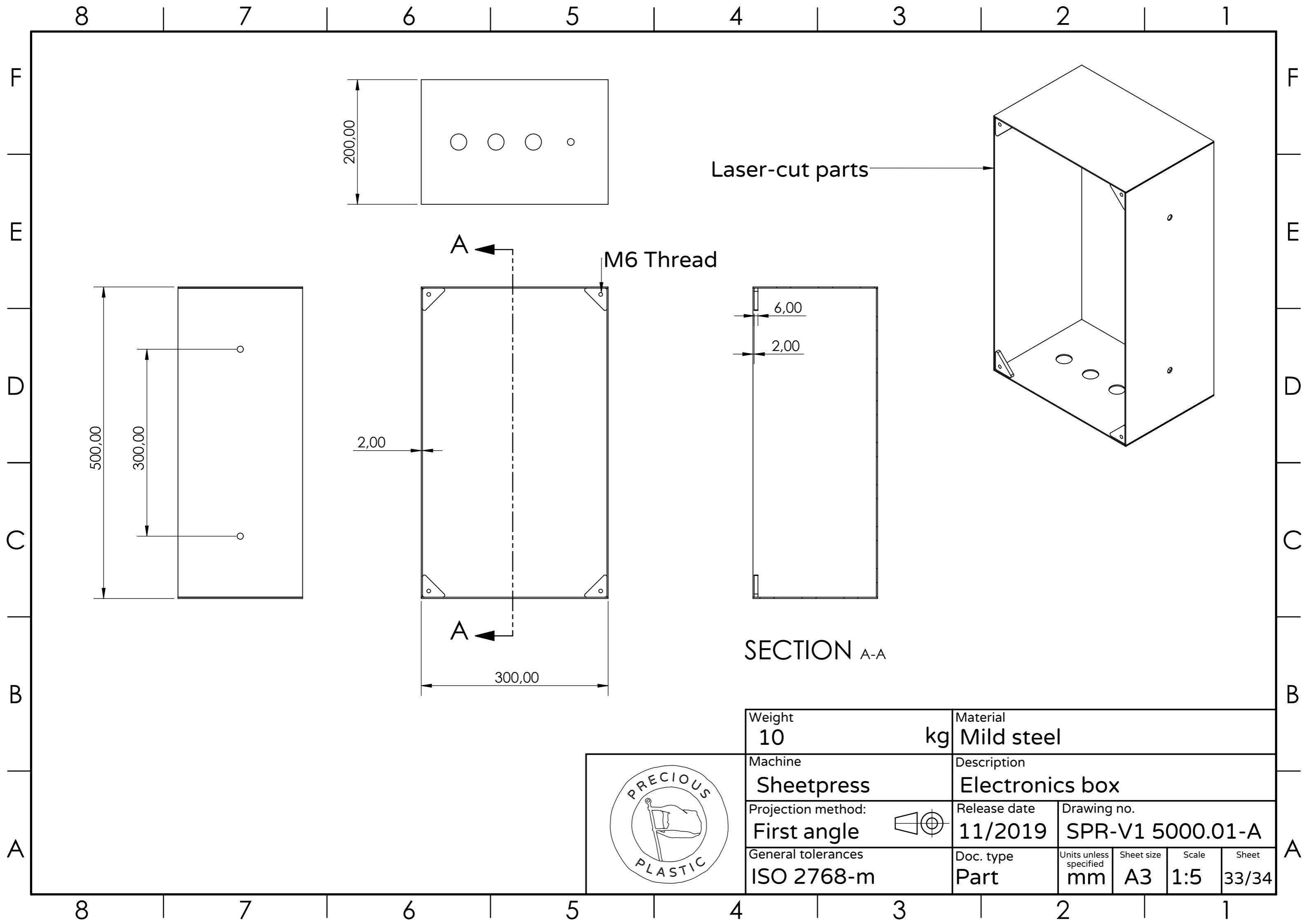


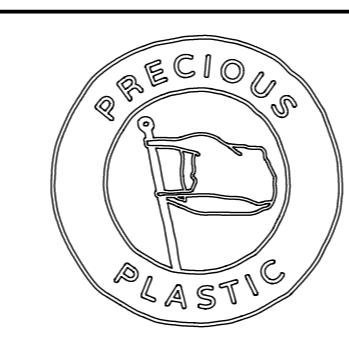
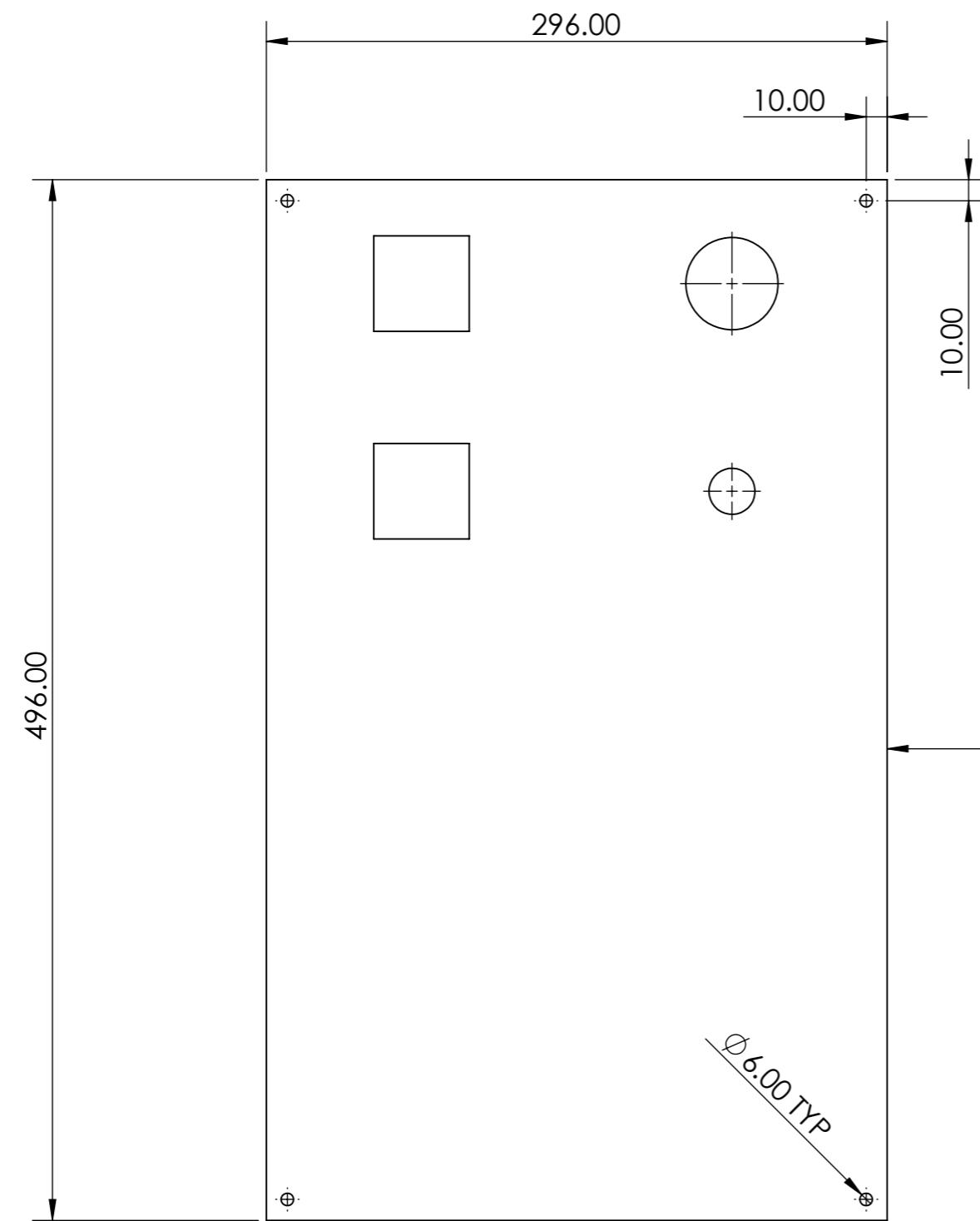











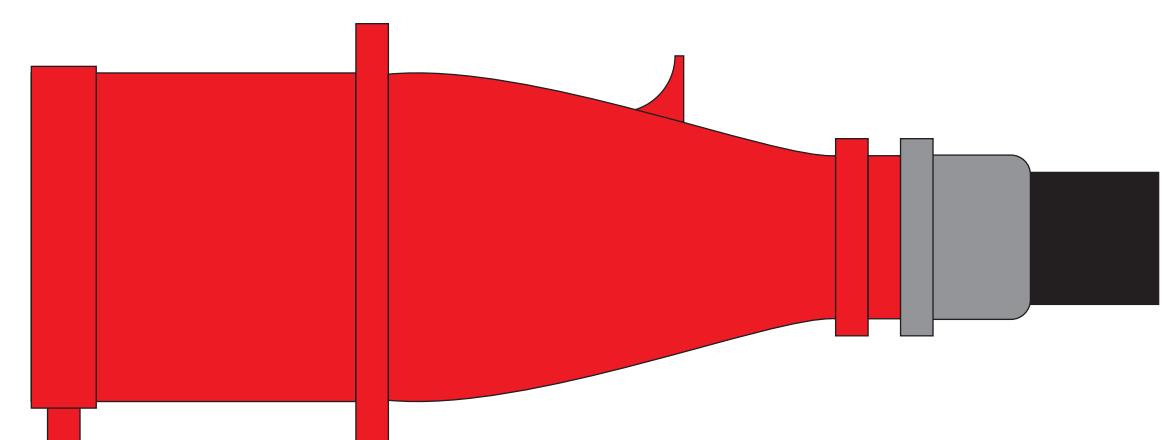


Weight 2	kg	Material 2mm mild steel
Machine Sheetpress	Description Electronics box front	
Projection method: First angle	Release date 11/2019	Drawing no. SPR-V1 5000.02-A
General tolerances ISO 2768-m	Doc. type Part	Units unless specified mm
	Sheet size A3	Scale 1:3
		Sheet 34/34

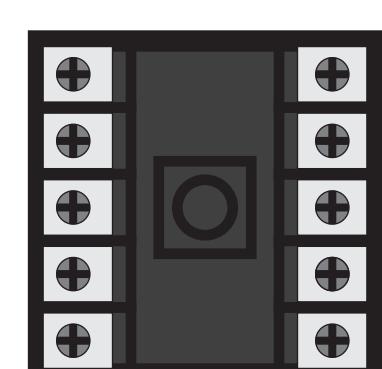


SHEETPRESS GRAPHIC CIRCUIT

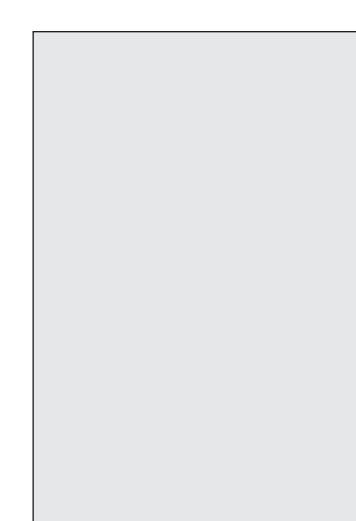




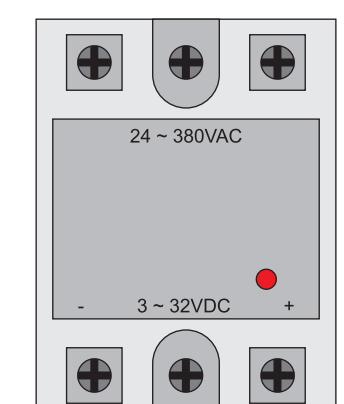
32A Male Plug



PID Controller



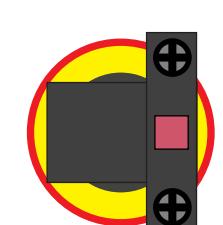
SSR Heat Sink



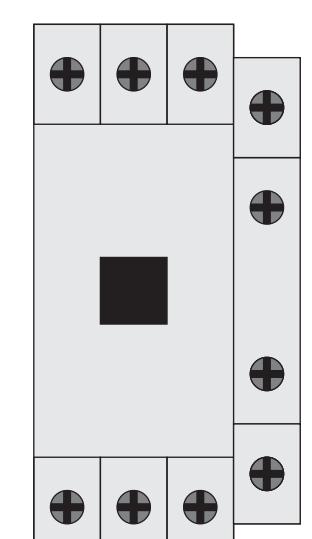
SSR 40A



Rotary Switch



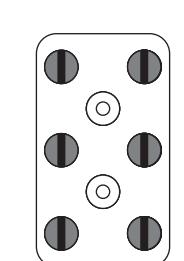
Emergency Stop



32A Circuit Breaker Relay



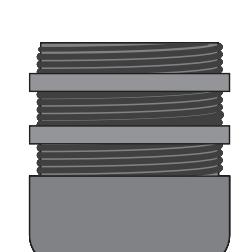
300W Cartridge Heater



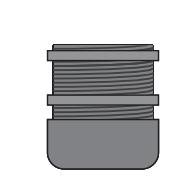
Ceramic Terminal



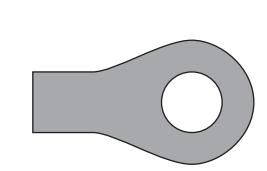
K Type Termocouple



M25 Cable Gland



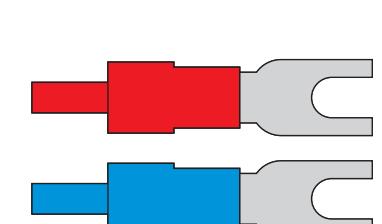
M10 Cable Gland



Ring Terminal



6MM 5 Multi-Core Cable



Fork Terminal

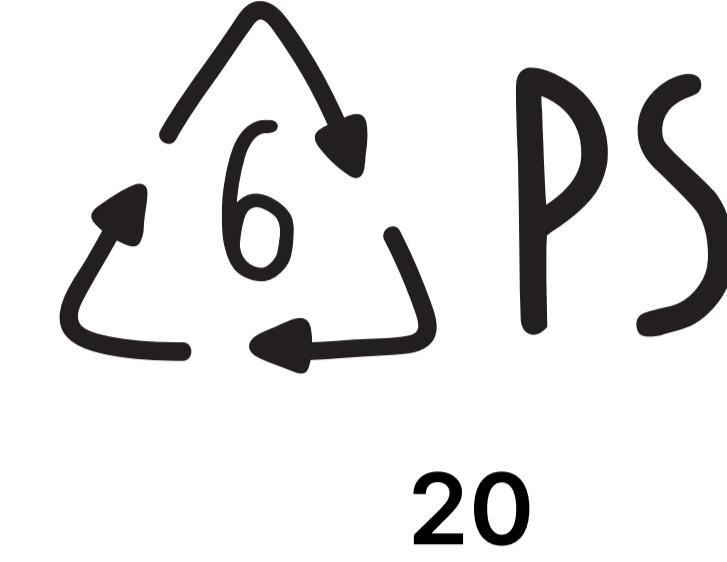
SHEETPRESS DATASHEET



220



230



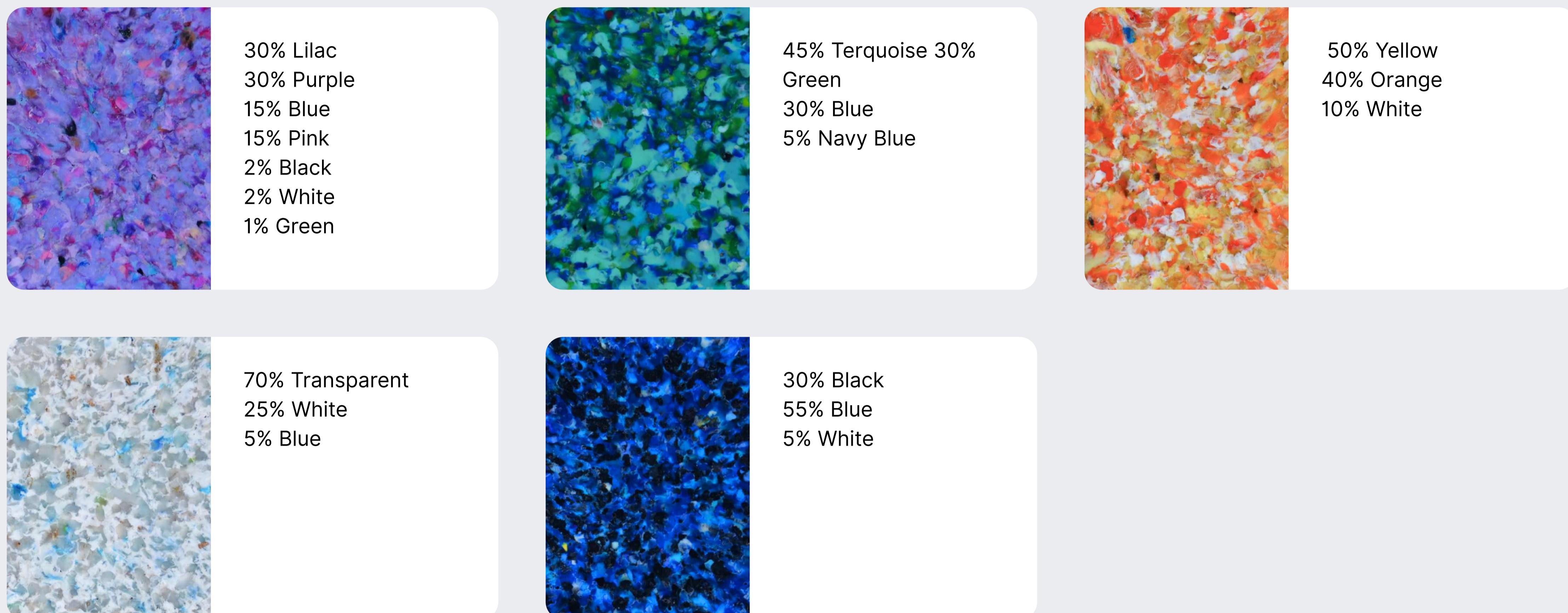
20

6MM	6.5 Kg 0 Min	6.5 Kg 0 Min	6.5 Kg 0 Min
8MM	8.5 Kg 5 Min	8.5 Kg 5 Min	8.5 Kg 5 Min
10MM	11 Kg 50 Min	11 Kg 50 Min	11 Kg 50 Min
12MM	12 Kg 55 Min	12 Kg 55 Min	12 Kg 55 Min
20MM	22 Kg 60 Min	22 Kg 60 Min	22 Kg 60 Min

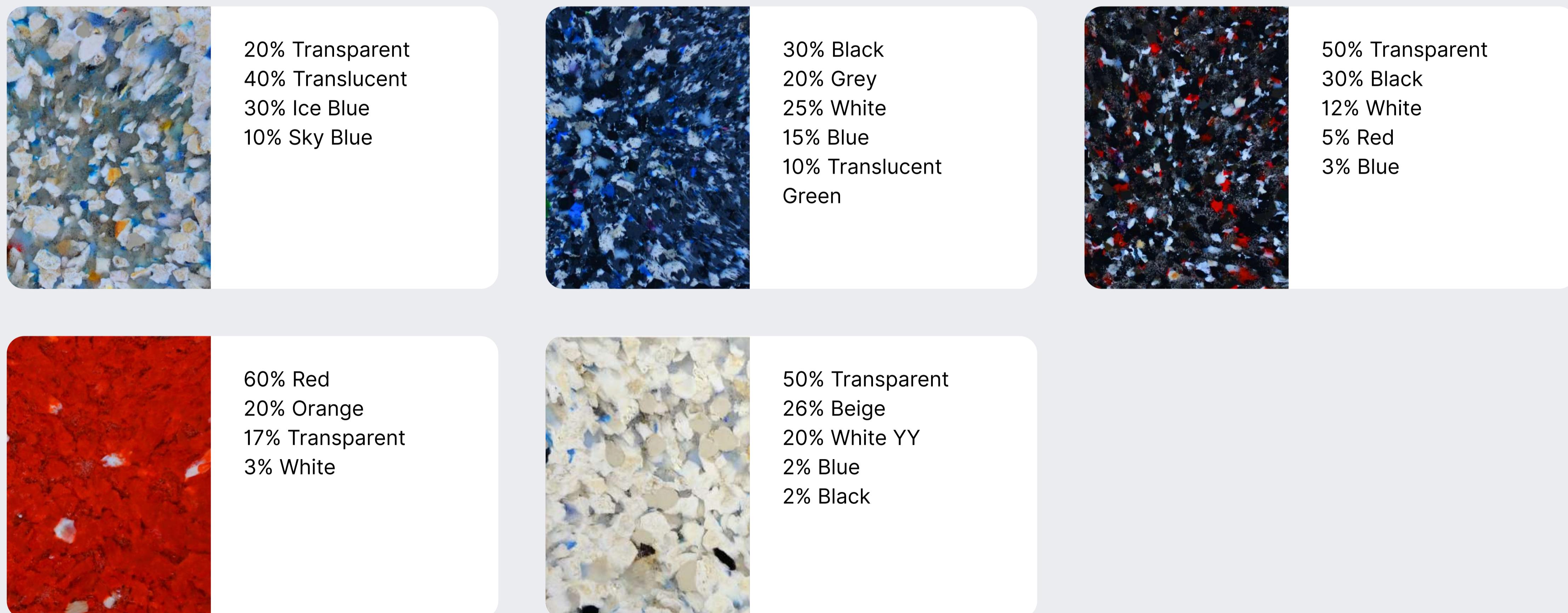


SHEETS COLOUR EXAMPLE

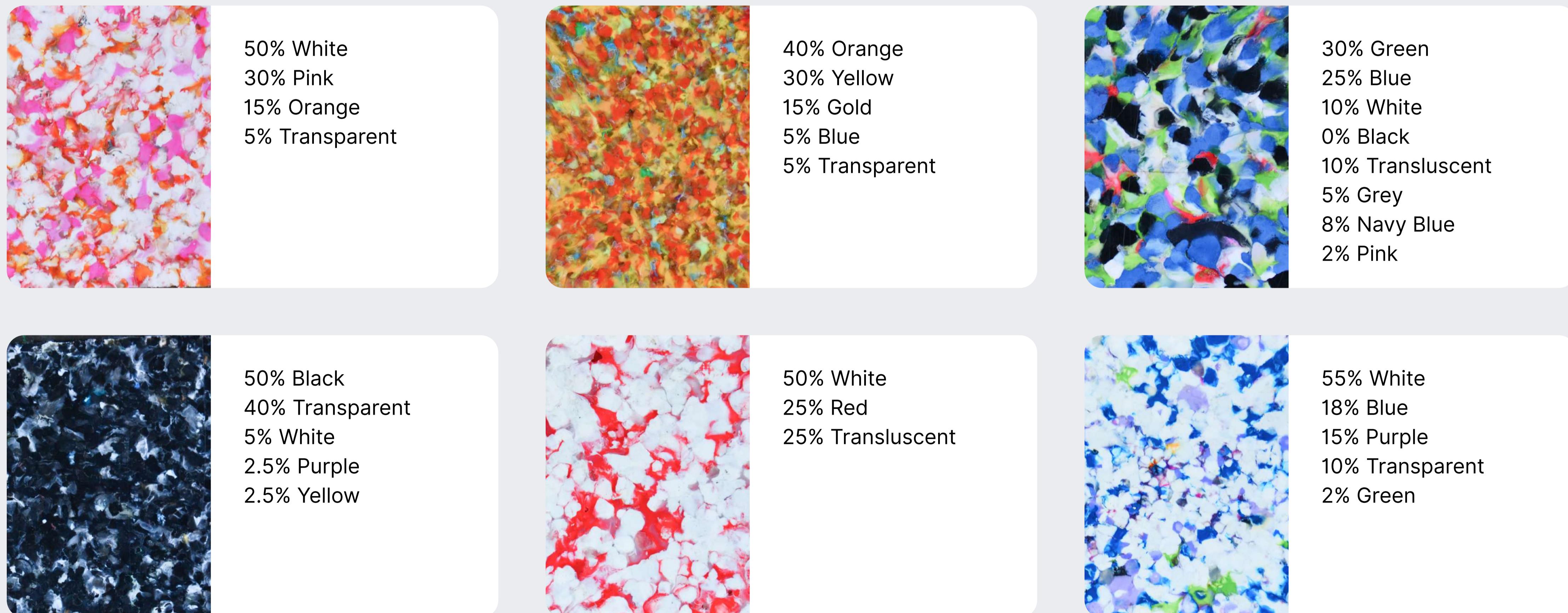
HDPE



PS



PP





SHEETPRESS SYSTEM



Watch the instruction video
to build this machine on

 www.preciousplastic.com