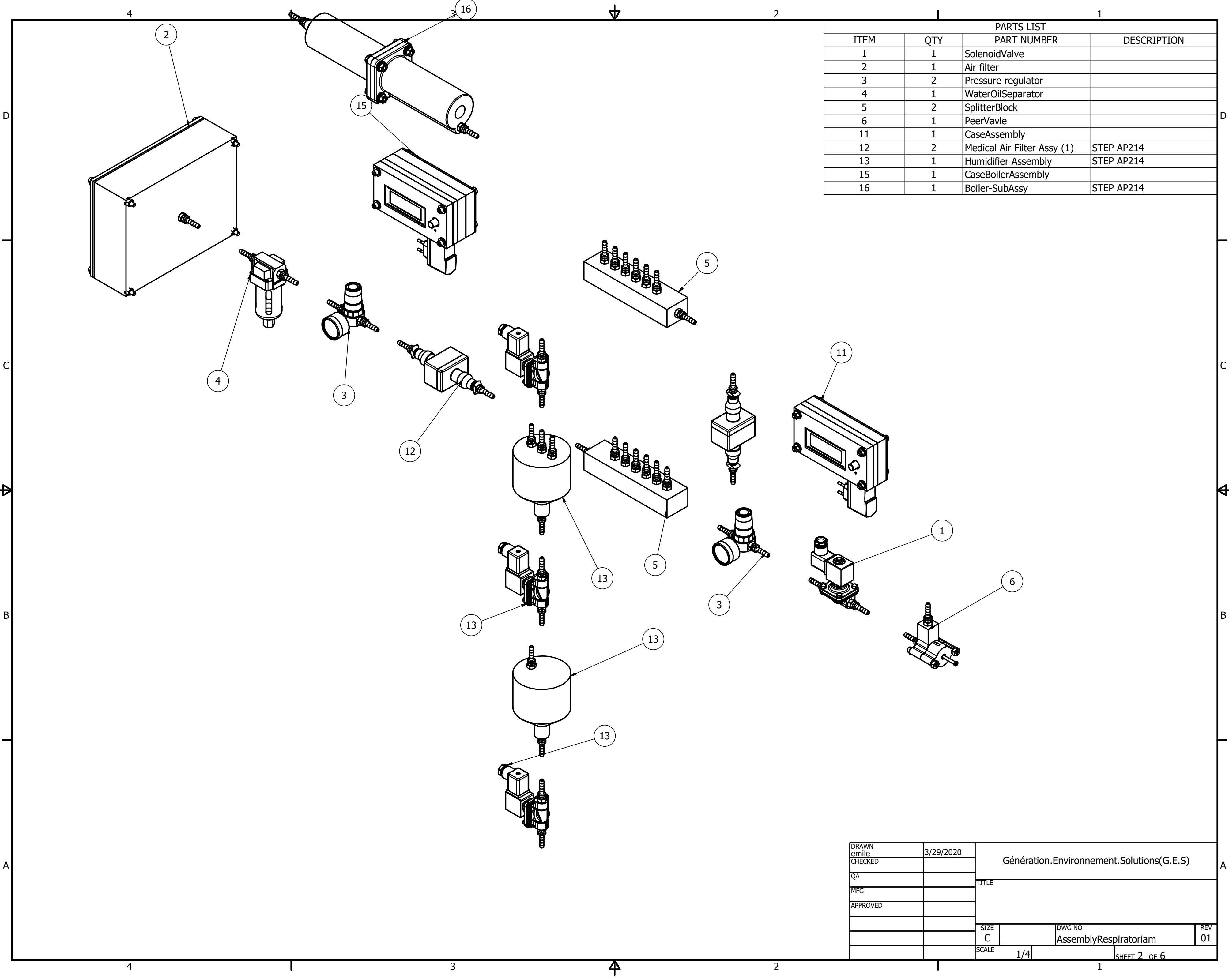


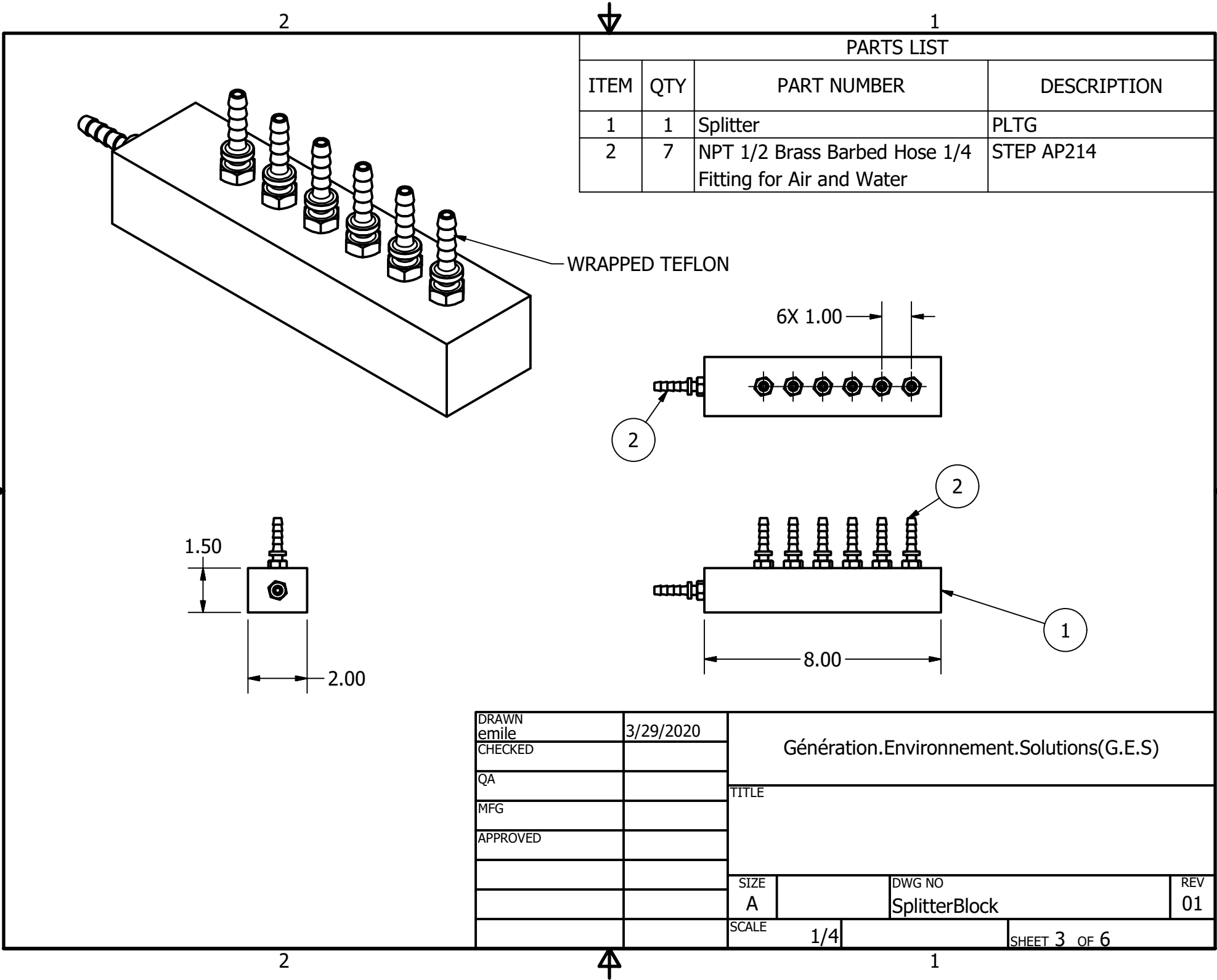
PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	SolenoidValve
2	1	Air filter
3	2	Pressure regulator
4	1	WaterOilSeparator
5	2	SplitterBlock
6	1	PeerVavle
11	1	CaseAssembly
12	2	Medical Air Filter Assy (1)
13	1	Humidifier Assembly
15	1	CaseBoilerAssembly
16	1	Boiler-SubAssy

DRAWN	emile	3/29/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED					
QA					
MFG					
APPROVED			TITLE		
			SIZE	DWG NO	REV
			C	AssemblyRespiratoriam	01
			SCALE	1/4	SHEET 1 OF 6




PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	SolenoidValve	
2	1	Air filter	
3	2	Pressure regulator	
4	1	WaterOilSeparator	
5	2	SplitterBlock	
6	1	PeerVavle	
11	1	CaseAssembly	
12	2	Medical Air Filter Assy (1)	STEP AP214
13	1	Humidifier Assembly	STEP AP214
15	1	CaseBoilerAssembly	
16	1	Boiler-SubAssy	STEP AP214

DRAWN emile	3/29/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED		TITLE		
QA				
MFG				
APPROVED				
		SIZE C	DWG NO AssemblyRespiratoriam	REV 01
		SCALE 1/4	SHEET 2 OF 6	



2

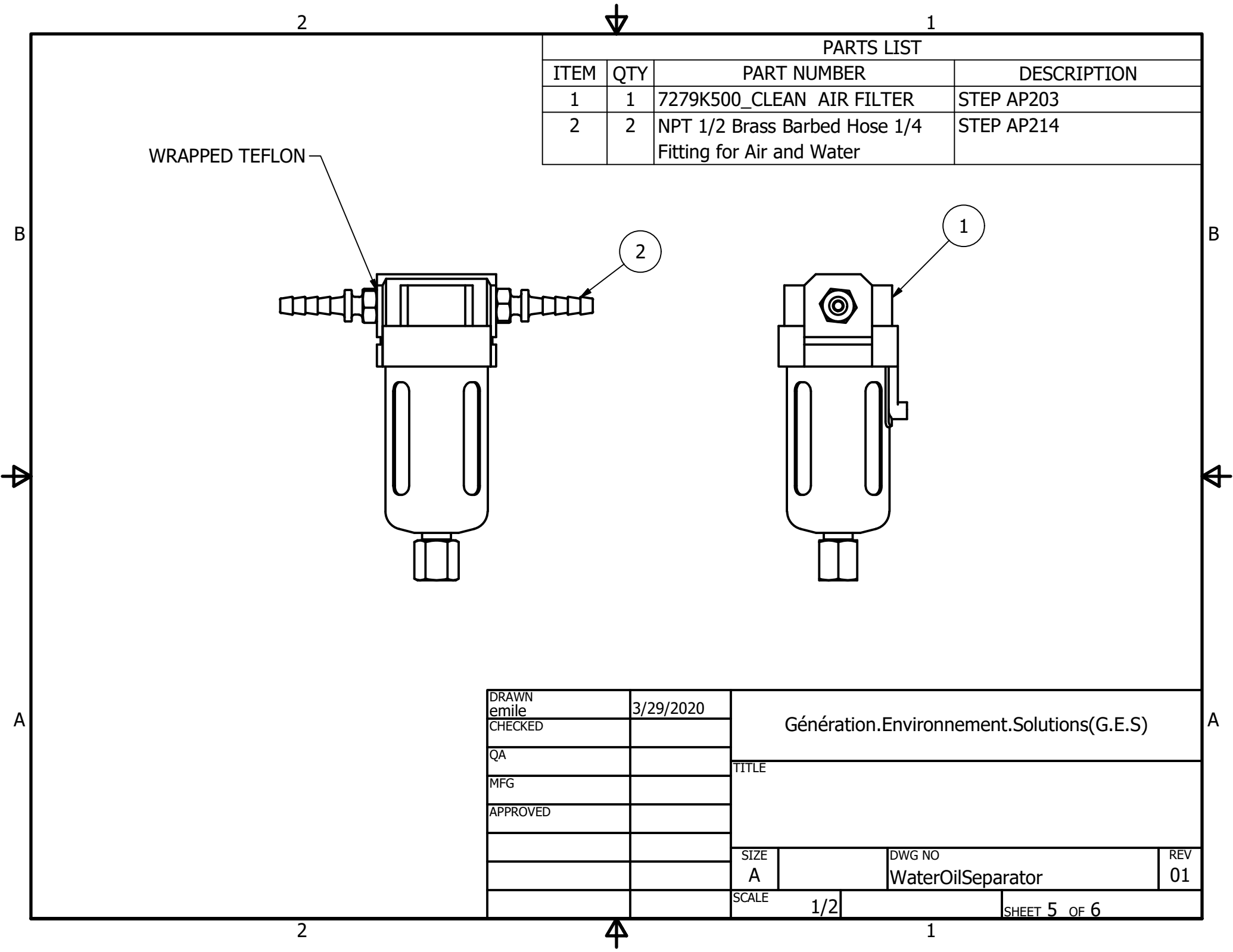


1

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	AR2000 G1-4in Air Control Compressor Pressure Gauge Regulator Relief	STEP AP203	https://www.amazon.ca/AR2000-Control-Compressor-Pressure-Regulator/dp/B07PKB7R2W/ref=sr_1_4_sspa?crd=2BLK75HBKLRIG&keywords=air+pressure+regulator&qid=1585368062&sprefix=air+pressu%2Caps%2C156&sr=8-4-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFZSU42N09ISiYyWjImZW5jcnlwdGVkSWQ9QTA3ODEyOTgyV0sxRkVRMkdGSDIyJmVuY3J5cHRlZEFkSWQ9QTA5NjcyMTUzSTJRUE0ZDQjcwNjVZJndpZGdldE5hbWU9c3BfYXRmJmFjdGlvbj1jbGlja1JlZGlyZWNOJmRvTm90TG9nQ2xpY2s9dHJ1ZQ==
2	2	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206

WRAPPED TEFLON

DRAWN emile	3/29/2020	Génération.Environnement.Solutions(G.E.S)			
CHECKED					
QA					
MFG					
APPROVED		TITLE			
		SIZE A	DWG NO Pressure regulator	REV 01	
		SCALE 1/2	SHEET 6 OF 6		



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	7279K500_CLEAN AIR FILTER	STEP AP203
2	2	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214

DRAWN emile	3/29/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA				
MFG				
APPROVED				
		TITLE		
		SIZE A	DWG NO WaterOilSeparator	REV 01
		SCALE 1/2	SHEET 5 OF 6	

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	4711K513_BRASS SOLENOID VALVE	STEP AP203	https://www.amazon.ca/dp/B085NJ824B/ref=sspa_dk_detail_2?pd_rd_i=B07BW21Z5M&pd_rd_w=4ABst&pf_rd_p=a14ddd24-c45e-4c01-803e-ab6a335c1c48&pd_rd_wg=SOJqf&pf_rd_r=WZCARXQWYPKQP049E7EN&pd_rd_r=9a6310c3-d10f-4d28-9cf9-ff285a7abc1b&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyRE9aOUUo4OUYwTFZTJmVuY3J5cHRIZElkPUeWODExNDAYMUU0VkxNMDNUNTQ0VSZlbnNy eXB0ZWRBZEIkPUeWmjYwMDY4MjQwOVcwRFYxVjk3QiZ3aWRnZXROYW1IPXNwX2RldGFpbCZlY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU&th=1
2	2	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206



DRAWN emile	3/29/2020	Génération.Environnement.Solutions(G.E.S)			
CHECKED					
QA		TITLE			
MFG					
APPROVED					
		SIZE A		DWG NO SolenoidValve	REV 01
		SCALE 1/2		SHEET 4 OF 6	

4

3

2

1

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PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	4	hex flange nut_am_B18.2.2.4M - Hex flange nut, M8 x 1.25 --N		
2	8	flat washer narrow_am_B18.22M - Plain washer, 8 mm, narrow		
3	4	formed hex screw_am_B18.2.3.2M - Formed hex screw, M8 x 1.25 x 30 --30WN		
4	1	Heatting Coil		https://www.homedepot.com/p/Everbilt-4500-Watt-240-Volt-Lime-Life-LWD-Fold-Back-Element-15011/205680993?MERCH=REC-_pipsem-_205680996-_205680993-_N&fbclid=IwAR1UjLoG_L3N1mUIiDnVPB6c0jck7q0UxITrp1KXlxYoDWhmoQRVgFZffbY
5	1	Boiler Top2		
6	1	Boiler bottom2		
7	1	2418T186_ULTRA-COMPRESSIBLE O-RING	STEP AP203	
8	2	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206

8

6

5

8

18.75 AMPS 240 VOLTS

8

DRAWN emile	4/10/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA		TITLE Boiler SubAssy.STEP		
MFG				
APPROVED		SIZE B	DWG NO Boiler-SubAssy	REV 01
		SCALE 1/4	SHEET 1 OF 4	

4

3

2

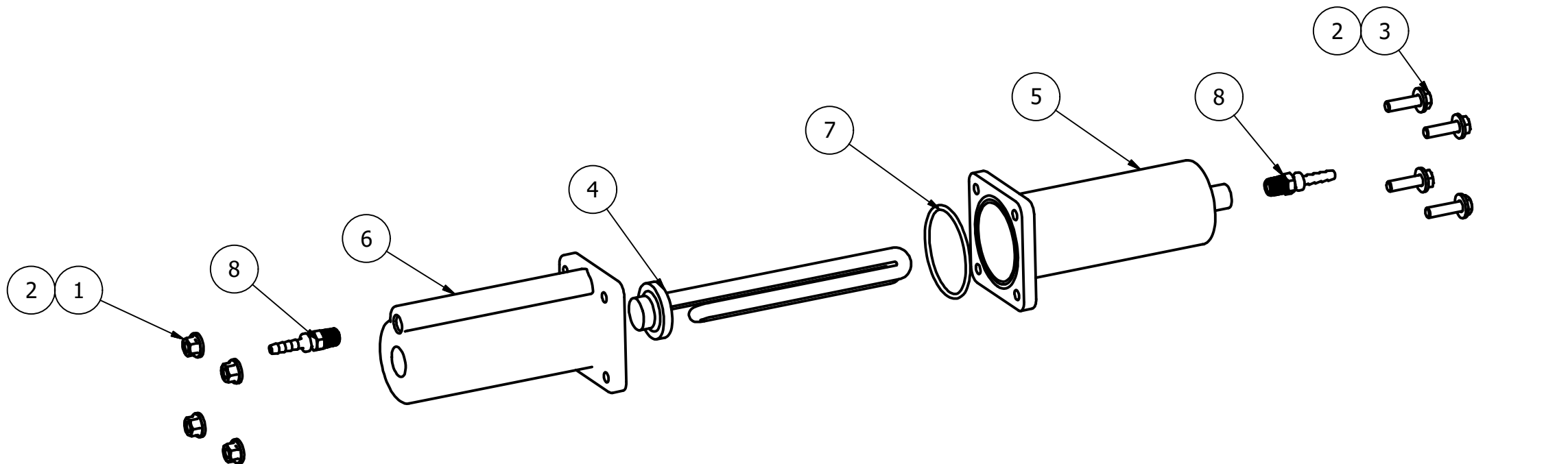
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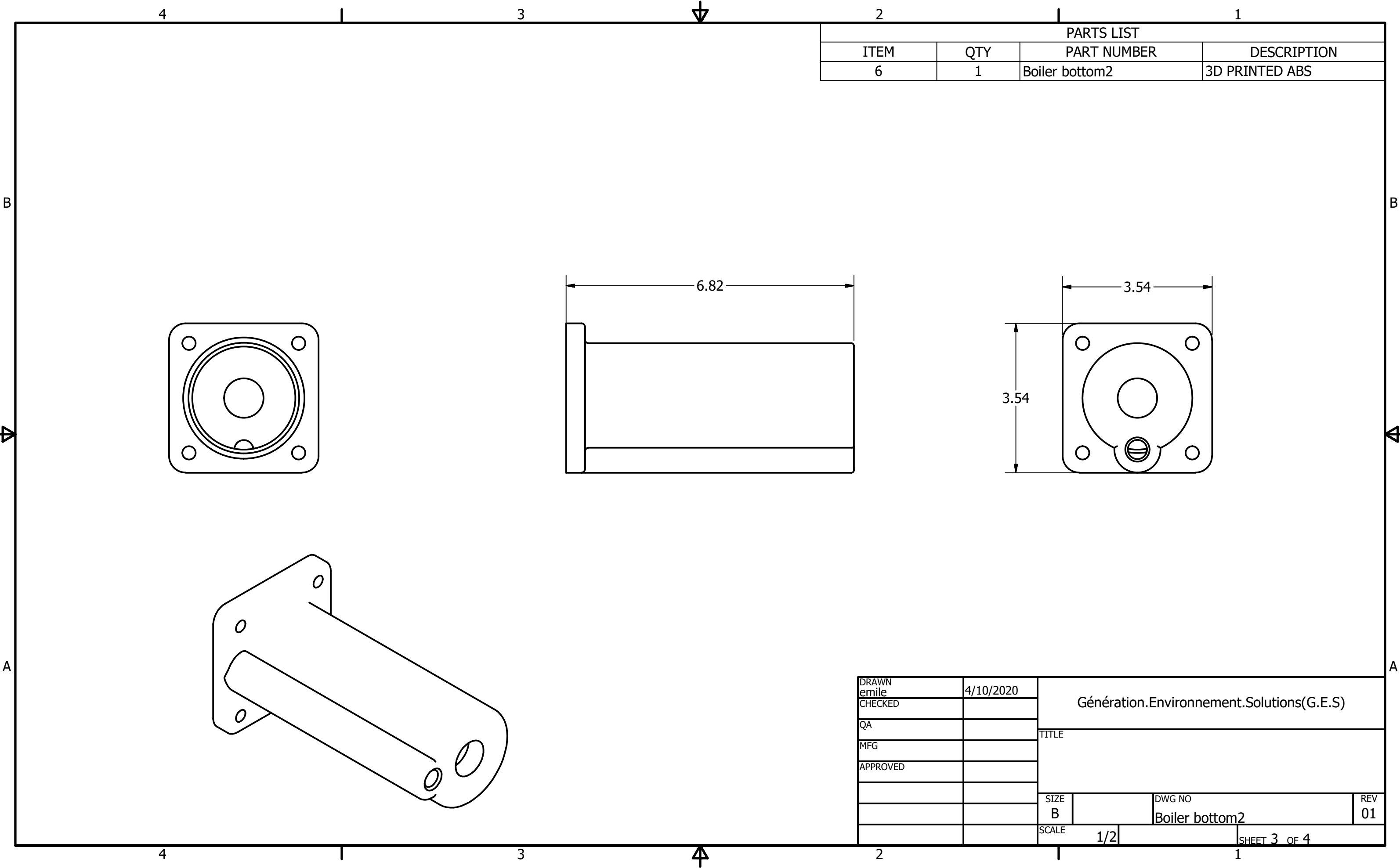
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	4	hex flange nut_am_B18.2.2.4M - Hex flange nut, M8 x 1.25 --N		
2	8	flat washer narrow_am_B18.22M - Plain washer, 8 mm, narrow		
3	4	formed hex screw_am_B18.2.3.2M - Formed hex screw, M8 x 1.25 x 30 --30WN		
4	1	Heatting Coil		https://www.homedepot.com/p/Everbilt-4500-Watt-240-Volt-Lime-Life-LWD-Fold-Back-Element-15011/205680993?MERCH=REC-_pipsem-_205680996-_205680993-_N&fbclid=IwAR1UjLoG_L3N1mUIiDnVPB6c0jck7q0UxlTrp1KXlxYoDWhmoQRVgFZffbY
5	1	Boiler Top2		
6	1	Boiler bottom2		
7	1	2418T186_ULTRA-COMPRESSIBLE O-RING	STEP AP203	
8	2	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206

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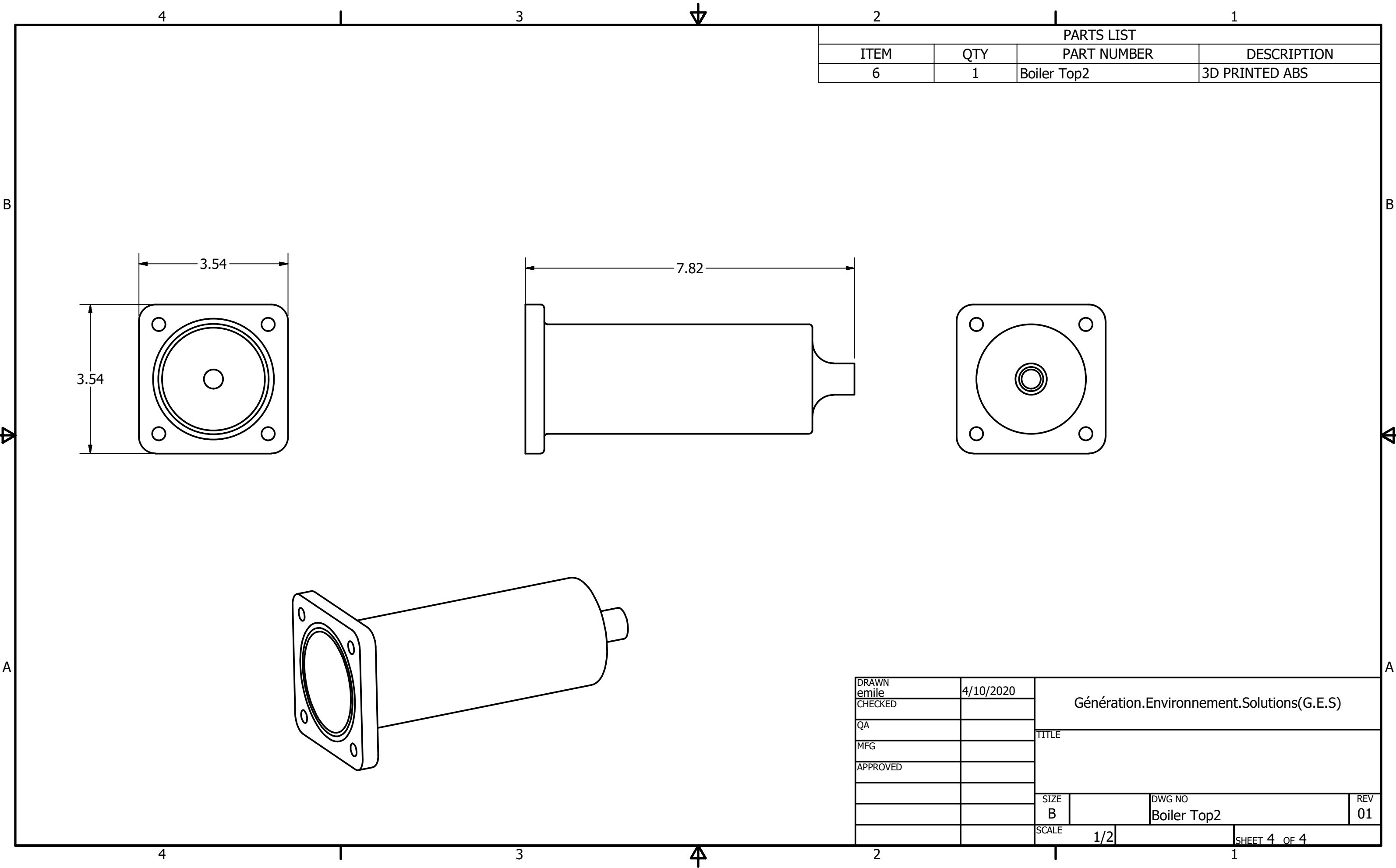


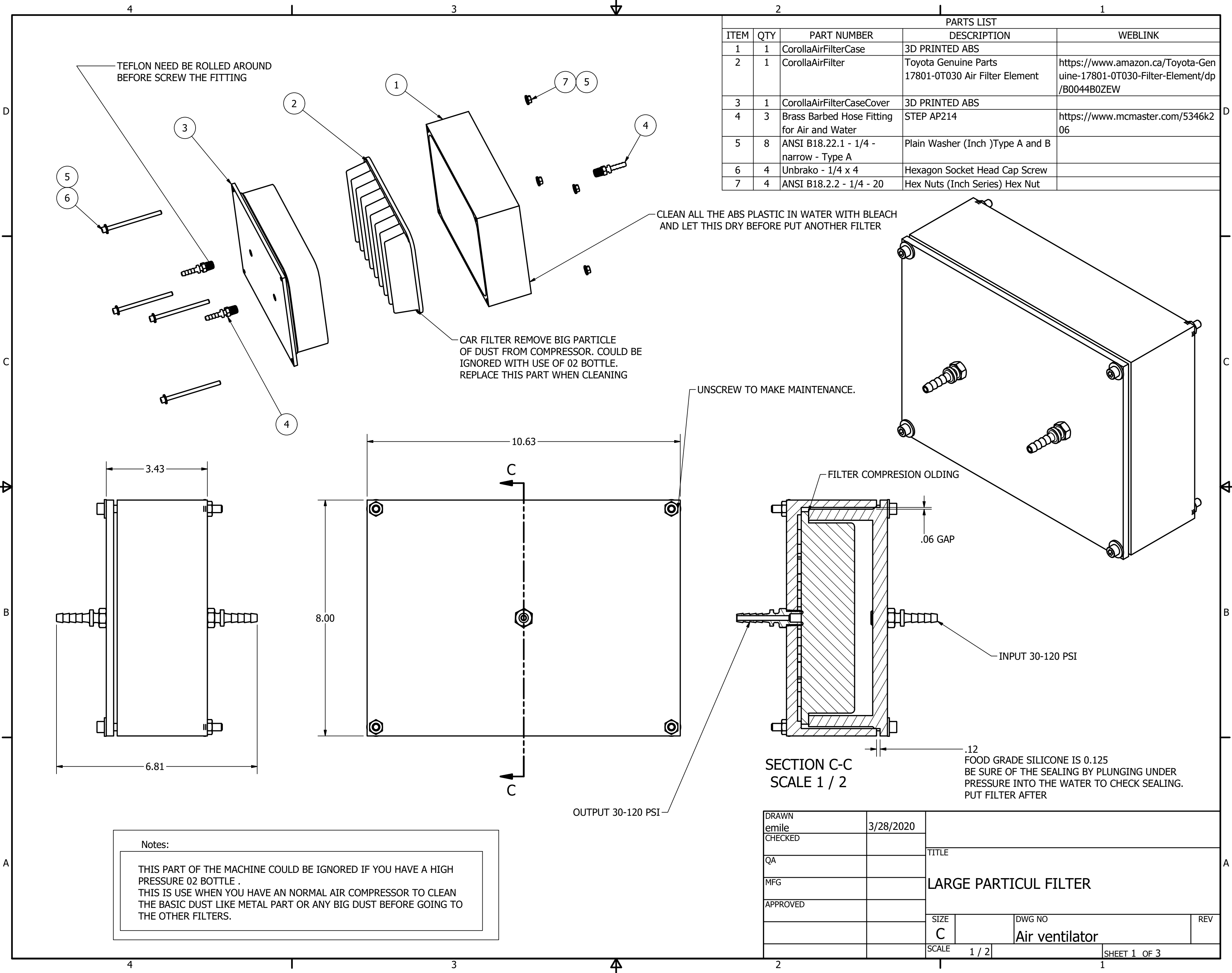
DRAWN	emile	4/10/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED					
QA			TITLE Boiler SubAssy.STEP		
MFG					
APPROVED			SIZE B		
			SCALE 1/4		REV 01
				SHEET 2 OF 4	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	Boiler bottom2	3D PRINTED ABS

DRAWN emile	4/10/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA				
MFG				
APPROVED		TITLE		
		SIZE B	DWG NO Boiler bottom2	REV 01
		SCALE 1/2	SHEET 3 OF 4	



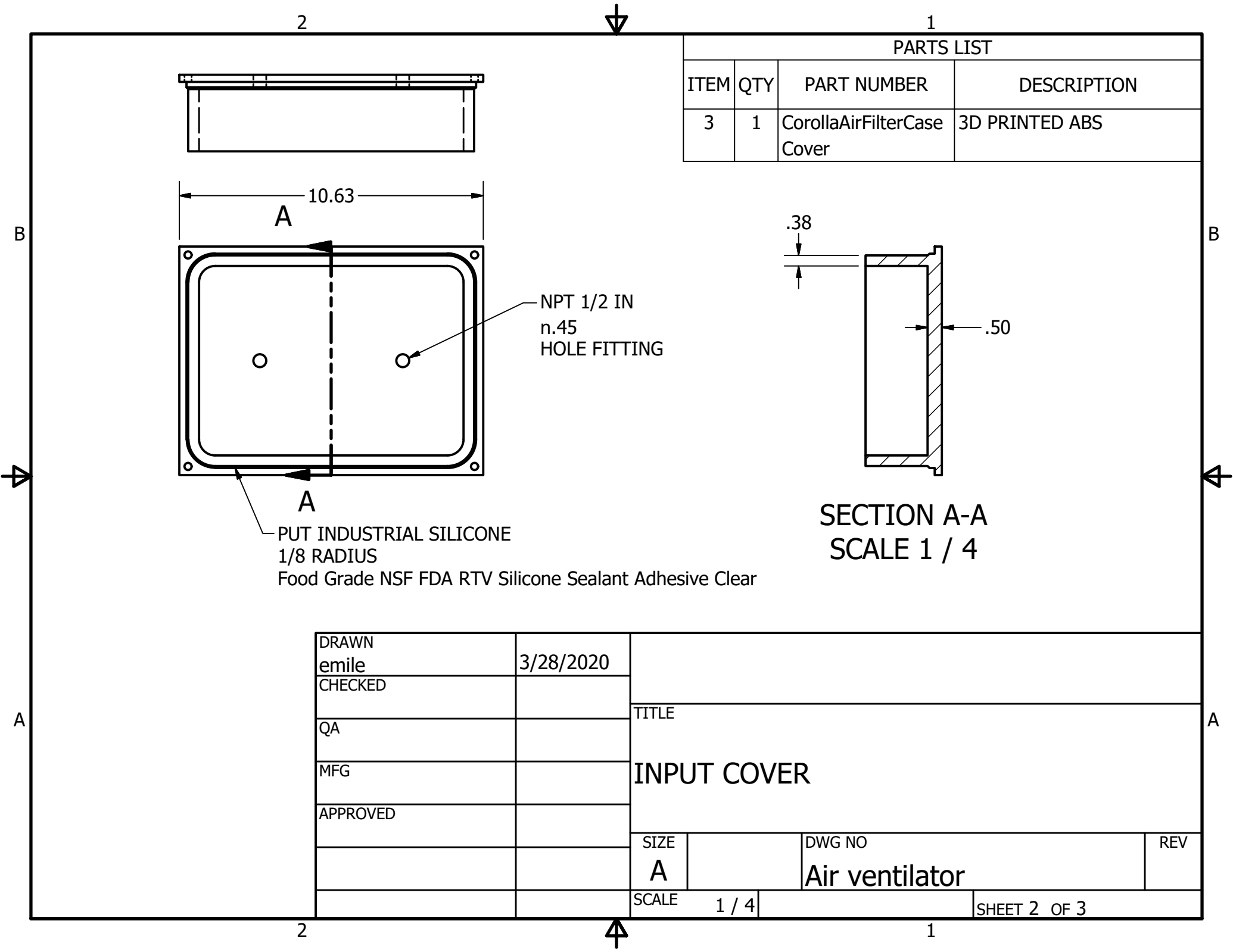


PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	CorollaAirFilterCase	3D PRINTED ABS	
2	1	CorollaAirFilter	Toyota Genuine Parts 17801-0T030 Air Filter Element	https://www.amazon.ca/Toyota-Genuine-17801-0T030-Filter-Element/dp/B0044B0ZEW
3	1	CorollaAirFilterCaseCover	3D PRINTED ABS	
4	3	Brass Barbed Hose Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206
5	8	ANSI B18.22.1 - 1/4 - narrow - Type A	Plain Washer (Inch)Type A and B	
6	4	Unbrako - 1/4 x 4	Hexagon Socket Head Cap Screw	
7	4	ANSI B18.2.2 - 1/4 - 20	Hex Nuts (Inch Series) Hex Nut	

Notes:

THIS PART OF THE MACHINE COULD BE IGNORED IF YOU HAVE A HIGH PRESSURE O2 BOTTLE . THIS IS USE WHEN YOU HAVE AN NORMAL AIR COMPRESSOR TO CLEAN THE BASIC DUST LIKE METAL PART OR ANY BIG DUST BEFORE GOING TO THE OTHER FILTERS.

DRAWN	emile	3/28/2020	TITLE LARGE PARTICUL FILTER		
CHECKED					
QA					
MFG					
APPROVED			SIZE C		
			SCALE	1 / 2	DWG NO Air ventilator
					REV
					SHEET 1 OF 3



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
3	1	CorollaAirFilterCase Cover	3D PRINTED ABS

DRAWN emile	3/28/2020	TITLE INPUT COVER	
CHECKED			
QA			
MFG			
APPROVED		SIZE A	
		DWG NO Air ventilator	REV
		SCALE 1 / 4	SHEET 2 OF 3

2

1

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CorollaAirFilterCase	3D PRINTED ABS

.50

.25

SECTION B-B
SCALE 1 / 4

B

B

NPT 1/2 IN
n.45
HOLE FITTINGFORMS TO LET AIR PASSED
THROW ALL THE SURFACE TO
THE FITTING

3.06

DRAWN

emile

3/28/2020

CHECKED

QA

MFG

APPROVED

TITLE

OUTPUT CASE

SIZE

A

DWG NO

Air ventilator

REV

SCALE

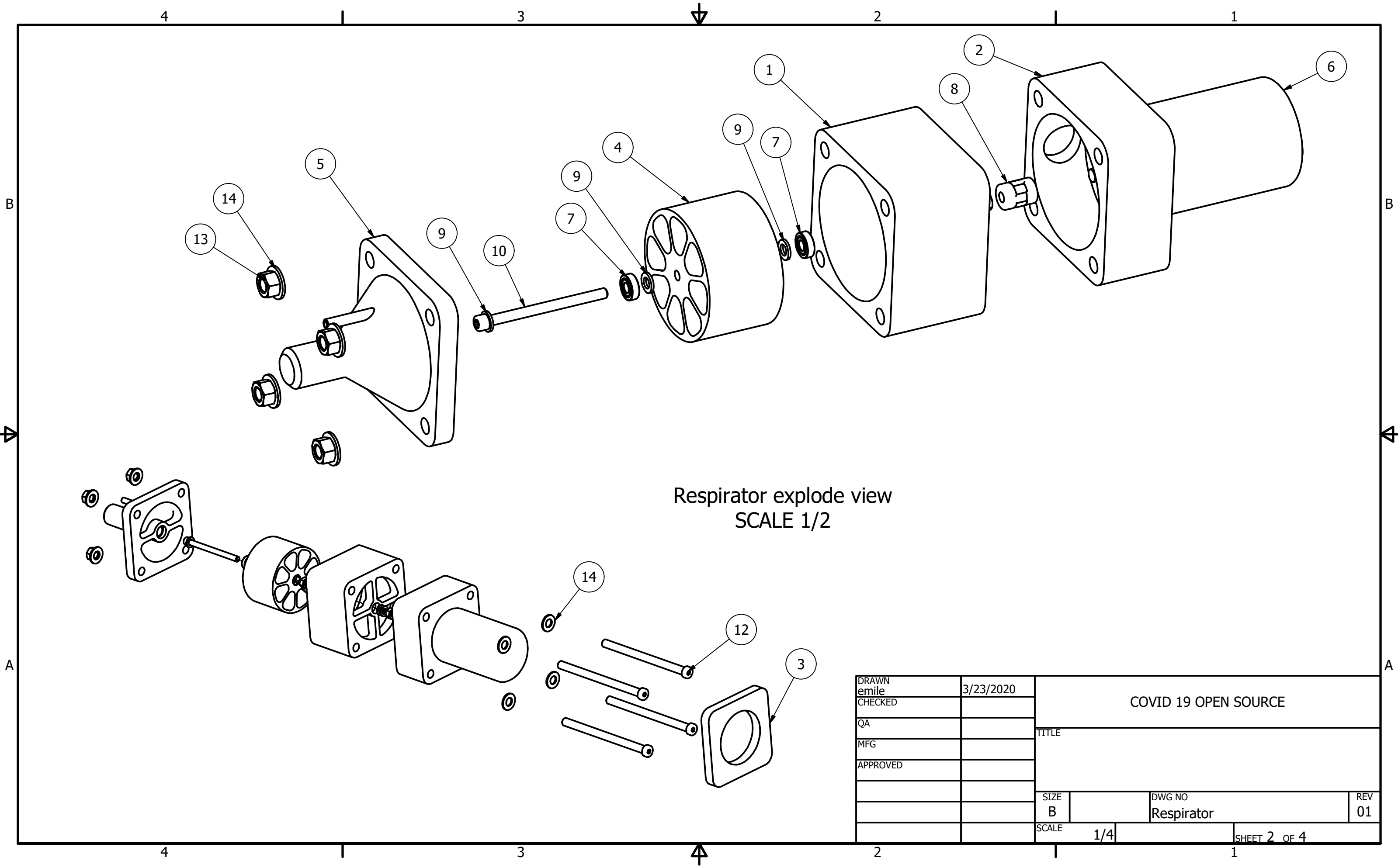
1 / 4

SHEET 3 OF 3

2

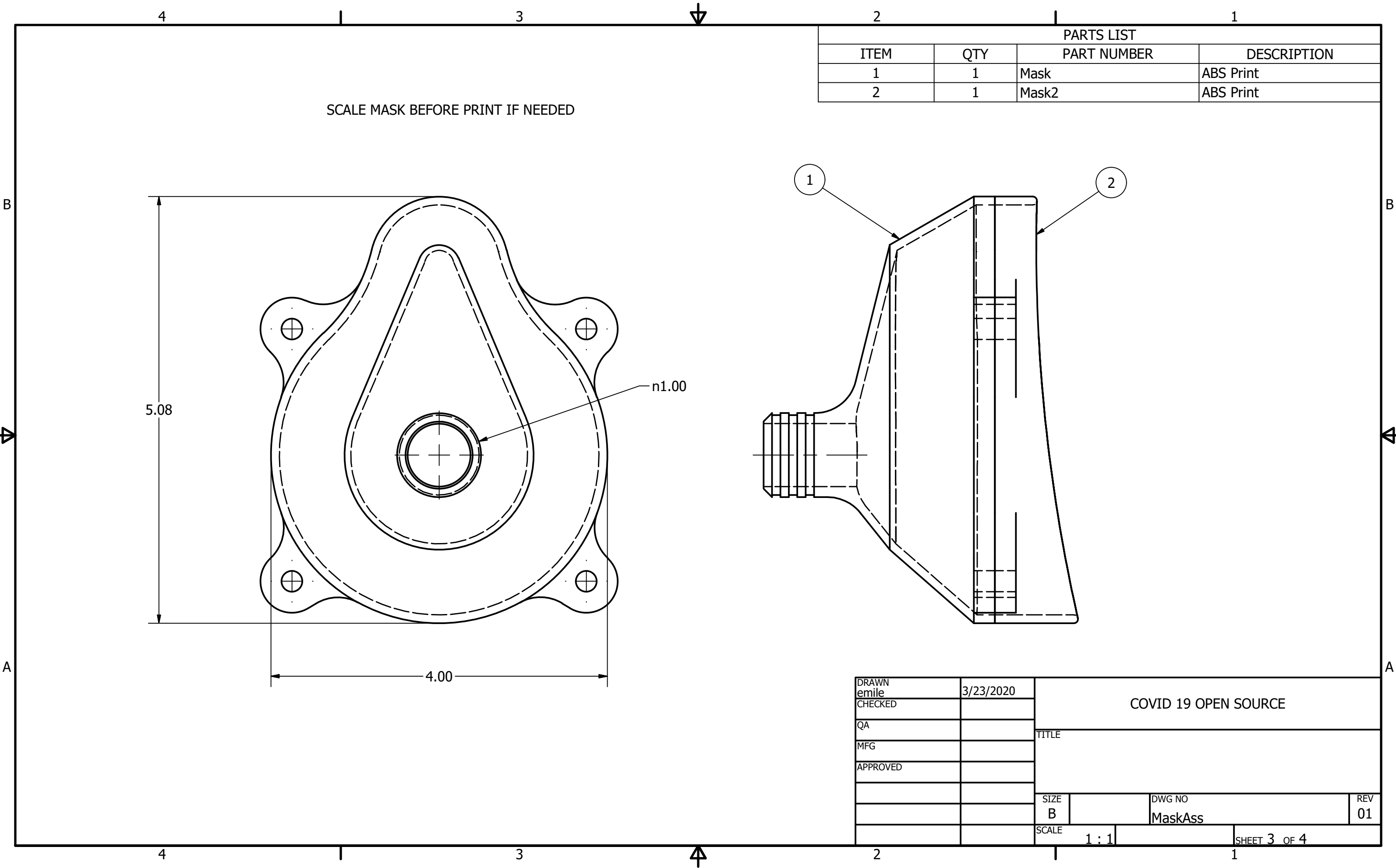
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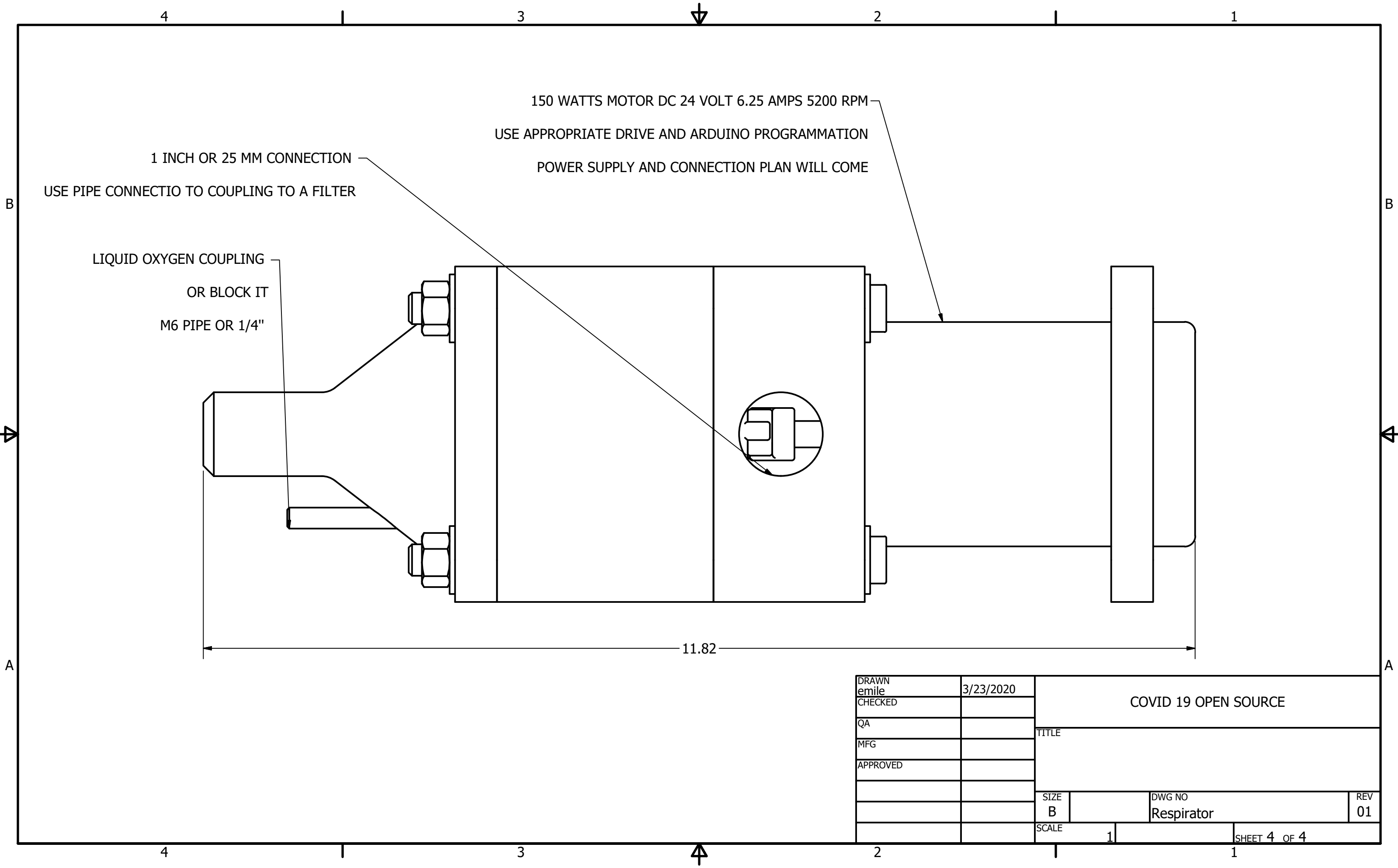
4				3				2				1															
PARTS LIST																											
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK																							
1	1	frame		3D PRINT ABS																							
2	1	Air Zone		3D PRINT ABS																							
3	1	MotorBlock		3D PRINT ABS																							
4	1	Fan		3D PRINT ABS																							
5	1	FrameToPipe		3D PRINT ABS																							
6	1	DC Brush Motor 24V 150W High Speed Motor with Belt Pulley for DIY Generator Electric Vehicle Motor		https://www.amazon.ca/dp/B082R32F4K/ref=sspa_dk_detail_2?psc=1&pd_rd_i=B082R32F4K&pd_rd_w=zm4Rm&pf_rd_p=a14ddd24-c45e-4c01-803e-ab6a335c1c48&pd_rd_wg=dEqW1&pf_rd_r=K9WZF461PM65KRFQD8CK&pd_rd_r=499ca0f4-b3ed-4d1e-a3d8-348bb5bb667d&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzVFVHWU9DWjBTOERaJmVuY3J5cHRIZElkPUeWnzUwMzc1UlllIWjk0V1ZITTbQJmVuY3J5cHRIZEFkSWQ9QTAYNDQ0MTAxNUI1UERNWTA4Tlgmd2lkZ2V0TmFtZT1zcF9kZXRhaWwmYWN0aW9uPWNsaWNrUmVkaXJlY3QmZG9Ob3RMb2dDbGljaz10cnVi																							
7	2	McMaster60355K430_BALL BEARING	STEP AP203	https://www.mcmaster.com/60355k43																							
8	1	Crabot 1-4 to 11-32 OR 6MM TO 8MM		https://www.mcmaster.com/6408k9-6408K913 & https://www.mcmaster.com/6408k9-6408K914																							
9	5	ANSI B18.22.1 - 1/4 - narrow - Type B	Plain Washer (Inch)Type A and B	OR M6 WASHER																							
10	1	ANSI B18.3 - 1/4-20 UNC - 3.25	Hexagon Socket Head Cap Screw	OR SCREW M6 X 80MM																							
11	2	ANSI B18.2.2 - 1/4 - 20	Hex Nuts (Inch Series) Hex Nut	OR M6 NUT																							
12	4	Unbrako - 3/8 x 5 1/2	Hexagon Socket Head Cap Screw	OR M9 NUT X 140MM																							
13	4	ANSI B18.2.2 - 3/8 - 16	Hex Nuts (Inch Series) Hex Nut	OR M9 NUT																							
14	8	ANSI B18.22.1 - 3/8 - narrow - Type A	Plain Washer (Inch)Type A and B	OR M9 WASHER																							
																DRAWN		3/23/2020		COVID 19 OPEN SOURCE							
																emile											
																CHECKED											
																QA											
																MFG											
																APPROVED											
				TITLE		SIZE		DWG NO		REV																	
						B				01																	
						SCALE				SHEET 1 OF 4																	



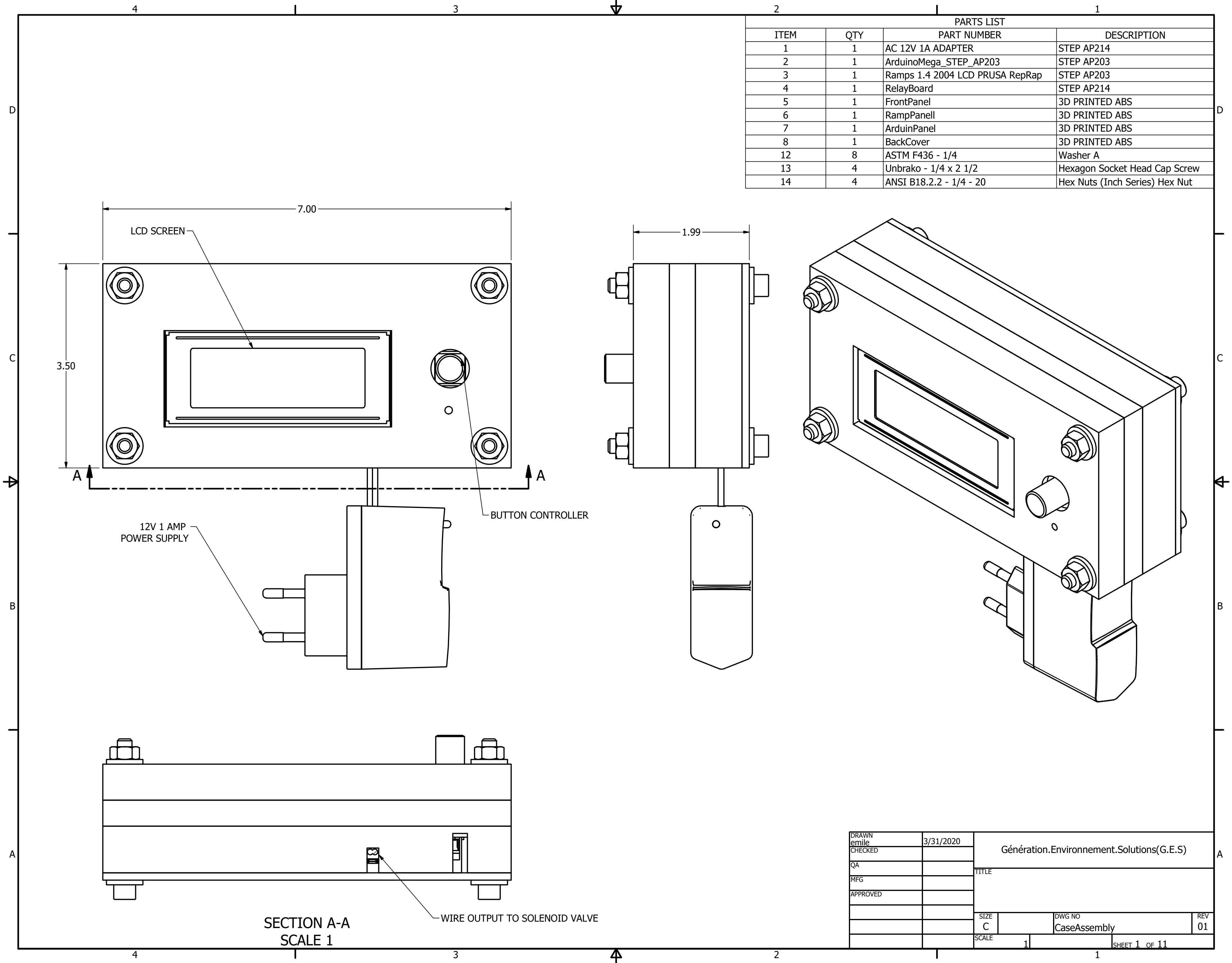
Respirator explode view
SCALE 1/2

DRAWN emile	3/23/2020	COVID 19 OPEN SOURCE		
CHECKED		TITLE		
QA		TITLE		
MFG		TITLE		
APPROVED		TITLE		
		SIZE B	DWG NO Respirator	REV 01
		SCALE 1/4	SHEET 2 OF 4	



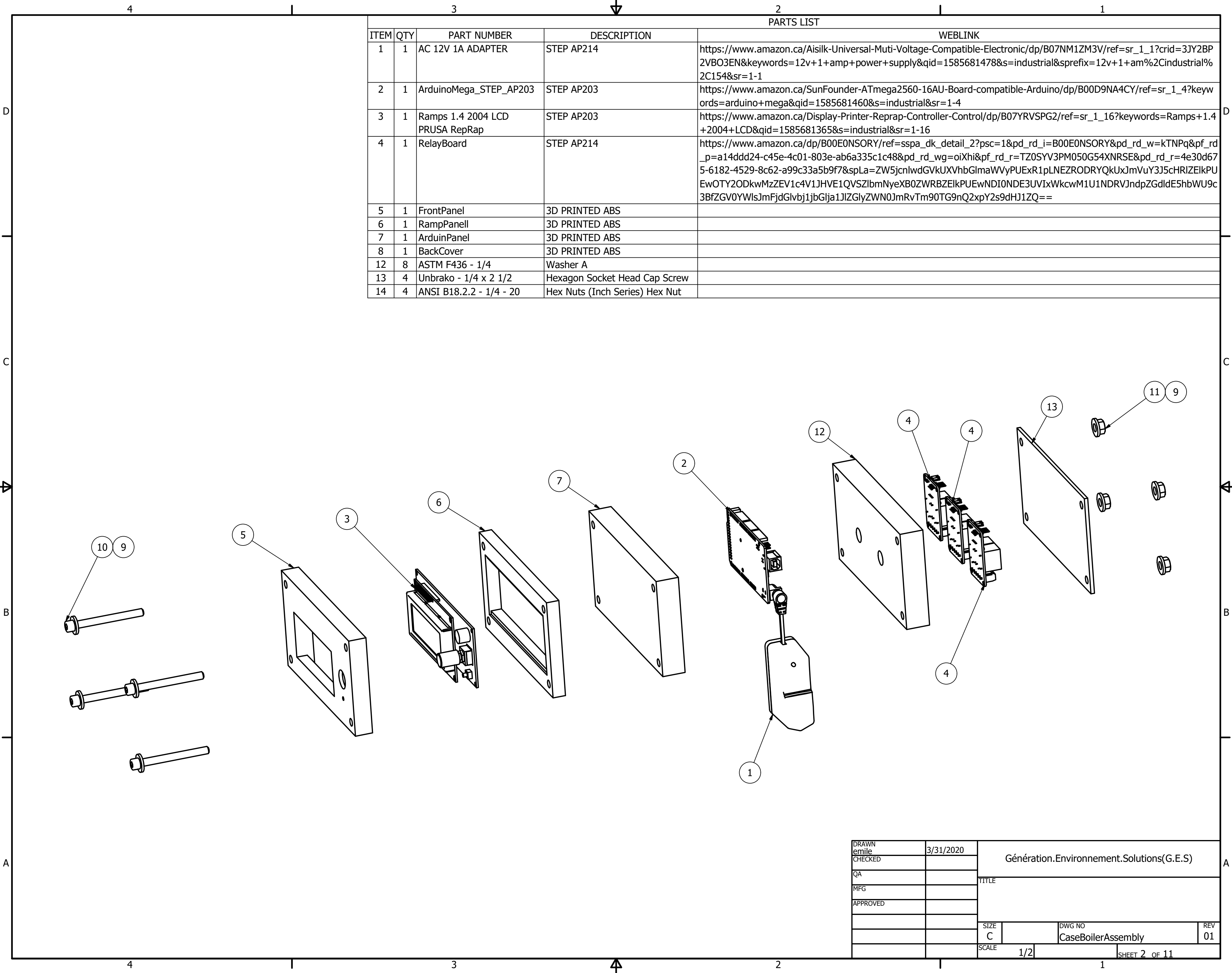


DRAWN emile	3/23/2020	COVID 19 OPEN SOURCE		
CHECKED				
QA				
MFG				
APPROVED		TITLE		
		SIZE B	DWG NO Respirator	REV 01
		SCALE 1	SHEET 4 OF 4	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	AC 12V 1A ADAPTER	STEP AP214
2	1	ArduinoMega_STEP_AP203	STEP AP203
3	1	Ramps 1.4 2004 LCD PRUSA RepRap	STEP AP203
4	1	RelayBoard	STEP AP214
5	1	FrontPanel	3D PRINTED ABS
6	1	RampPanell	3D PRINTED ABS
7	1	ArduinPanel	3D PRINTED ABS
8	1	BackCover	3D PRINTED ABS
12	8	ASTM F436 - 1/4	Washer A
13	4	Unbrako - 1/4 x 2 1/2	Hexagon Socket Head Cap Screw
14	4	ANSI B18.2.2 - 1/4 - 20	Hex Nuts (Inch Series) Hex Nut

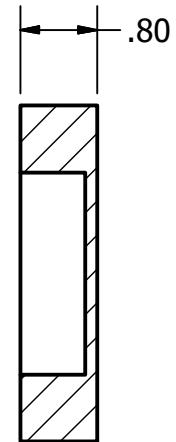
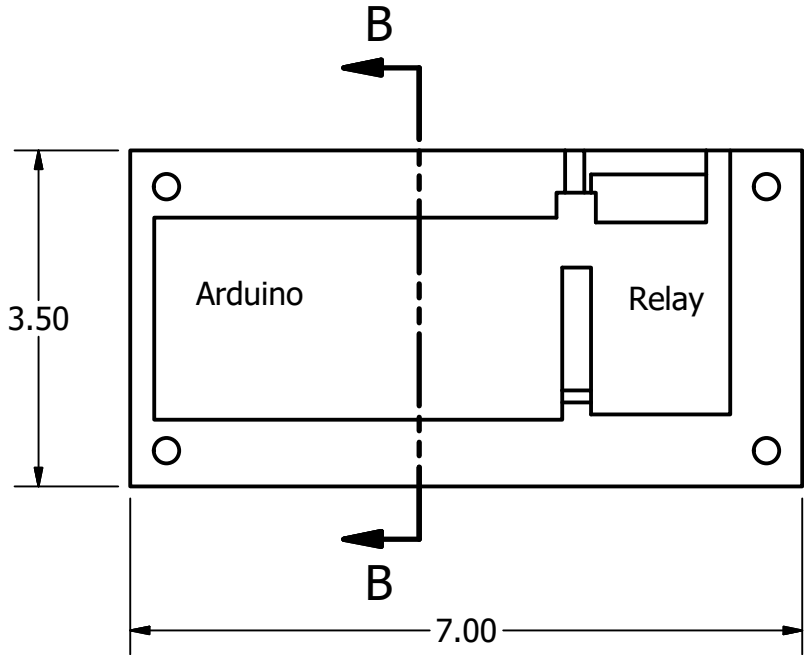
DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED		TITLE		
QA				
MFG				
APPROVED				
		SIZE C	DWG NO CaseAssembly	REV 01
		SCALE 1	SHEET 1 OF 11	



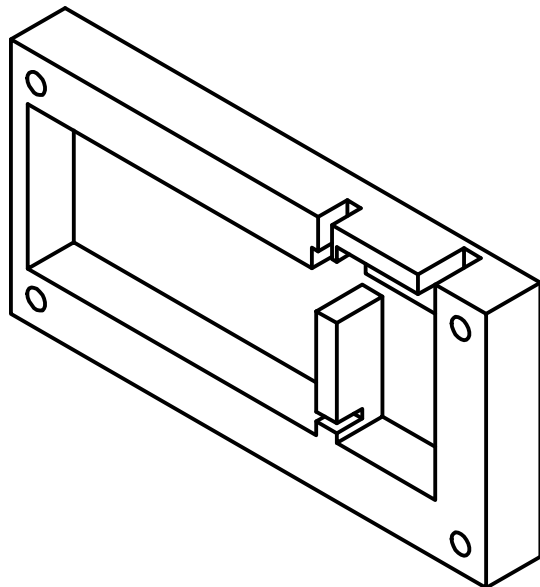
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	AC 12V 1A ADAPTER	STEP AP214	https://www.amazon.ca/Aisilk-Universal-Muti-Voltage-Compatible-Electronic/dp/B07NM1ZM3V/ref=sr_1_1?crid=3JY2BP2VBO3EN&keywords=12v+1+amp+power+supply&qid=1585681478&s=industrial&sprefix=12v+1+am%2Cindustrial%2C154&sr=1-1
2	1	ArduinoMega_STEP_AP203	STEP AP203	https://www.amazon.ca/SunFounder-ATmega2560-16AU-Board-compatible-Arduino/dp/B00D9NA4CY/ref=sr_1_4?keywords=arduino+mega&qid=1585681460&s=industrial&sr=1-4
3	1	Ramps 1.4 2004 LCD PRUSA RepRap	STEP AP203	https://www.amazon.ca/Display-Printer-Reprap-Controller-Control/dp/B07YRVSPG2/ref=sr_1_16?keywords=Ramps+1.4+2004+LCD&qid=1585681365&s=industrial&sr=1-16
4	1	RelayBoard	STEP AP214	https://www.amazon.ca/dp/B00E0NSORY/ref=sspa_dk_detail_2?psc=1&pd_rd_i=B00E0NSORY&pd_rd_w=kTNPq&pf_rd_p=a14ddd24-c45e-4c01-803e-ab6a335c1c48&pd_rd_wg=oiXhi&pf_rd_r=TZ0SYV3PM050G54XNRSE&pd_rd_r=4e30d675-6182-4529-8c62-a99c33a5b9f7&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEwOTY2ODkwMzZEV1c4V1JHVE1QVSZlbnNyeXB0ZWZWRBZEIkPUEwNDI0NDE3UVIxWkcwM1U1NDRVJndpZGldE5hbWU9c3BfZGV0YWlsJmFjdGlvbj1jbGlja1JlZGlyZWNOJmRvTm90TG9nQ2xpY2s9dHJ1ZQ==
5	1	FrontPanel	3D PRINTED ABS	
6	1	RampPanell	3D PRINTED ABS	
7	1	ArduinPanel	3D PRINTED ABS	
8	1	BackCover	3D PRINTED ABS	
12	8	ASTM F436 - 1/4	Washer A	
13	4	Unbrako - 1/4 x 2 1/2	Hexagon Socket Head Cap Screw	
14	4	ANSI B18.2.2 - 1/4 - 20	Hex Nuts (Inch Series) Hex Nut	

DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED		TITLE		
QA				
MFG				
APPROVED				
		SIZE C	DWG NO CaseBoilerAssembly	REV 01
		SCALE 1/2	SHEET 2 OF 11	

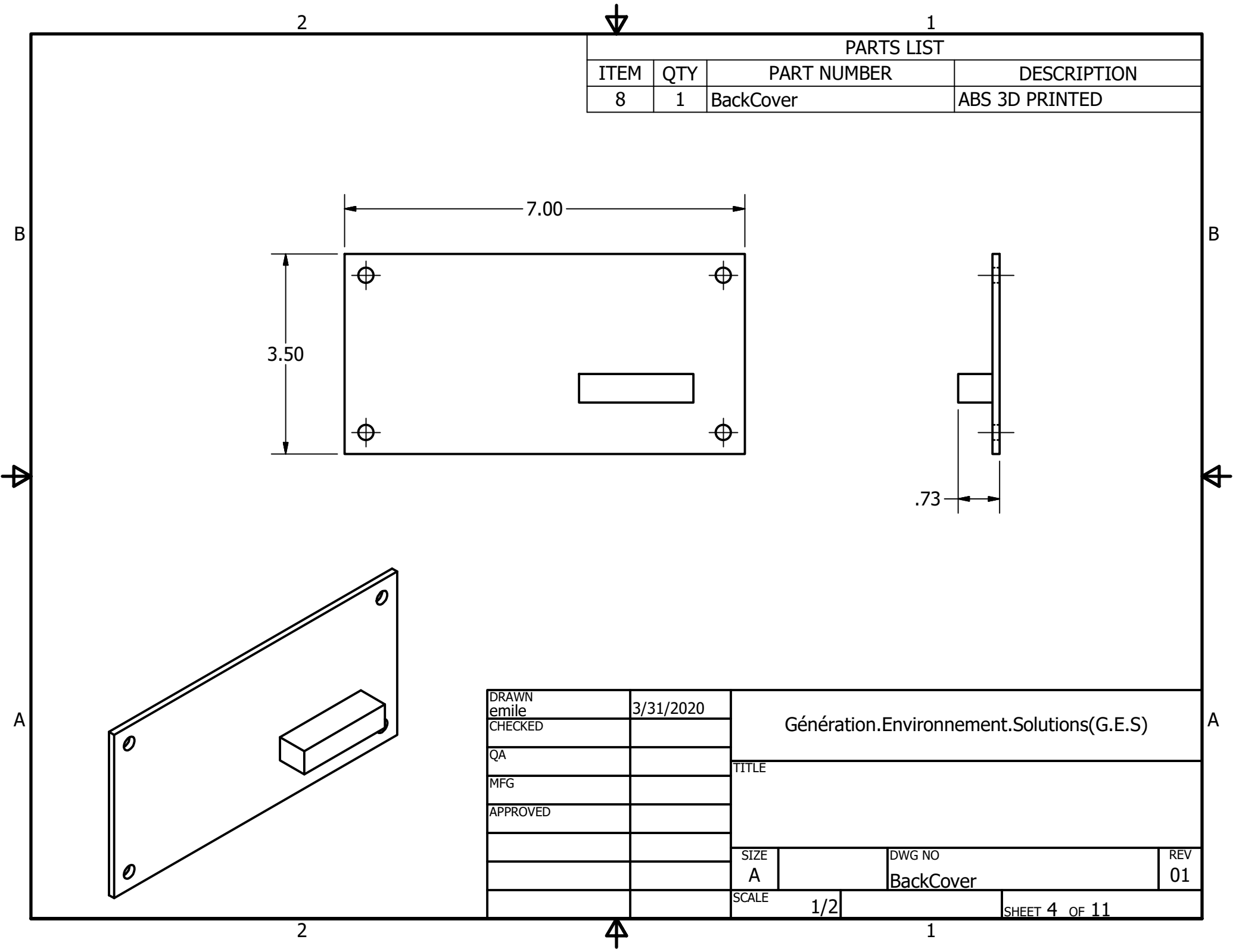
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	ArduinPanel	3D PRINTED ABS



SECTION B-B
SCALE 1/2

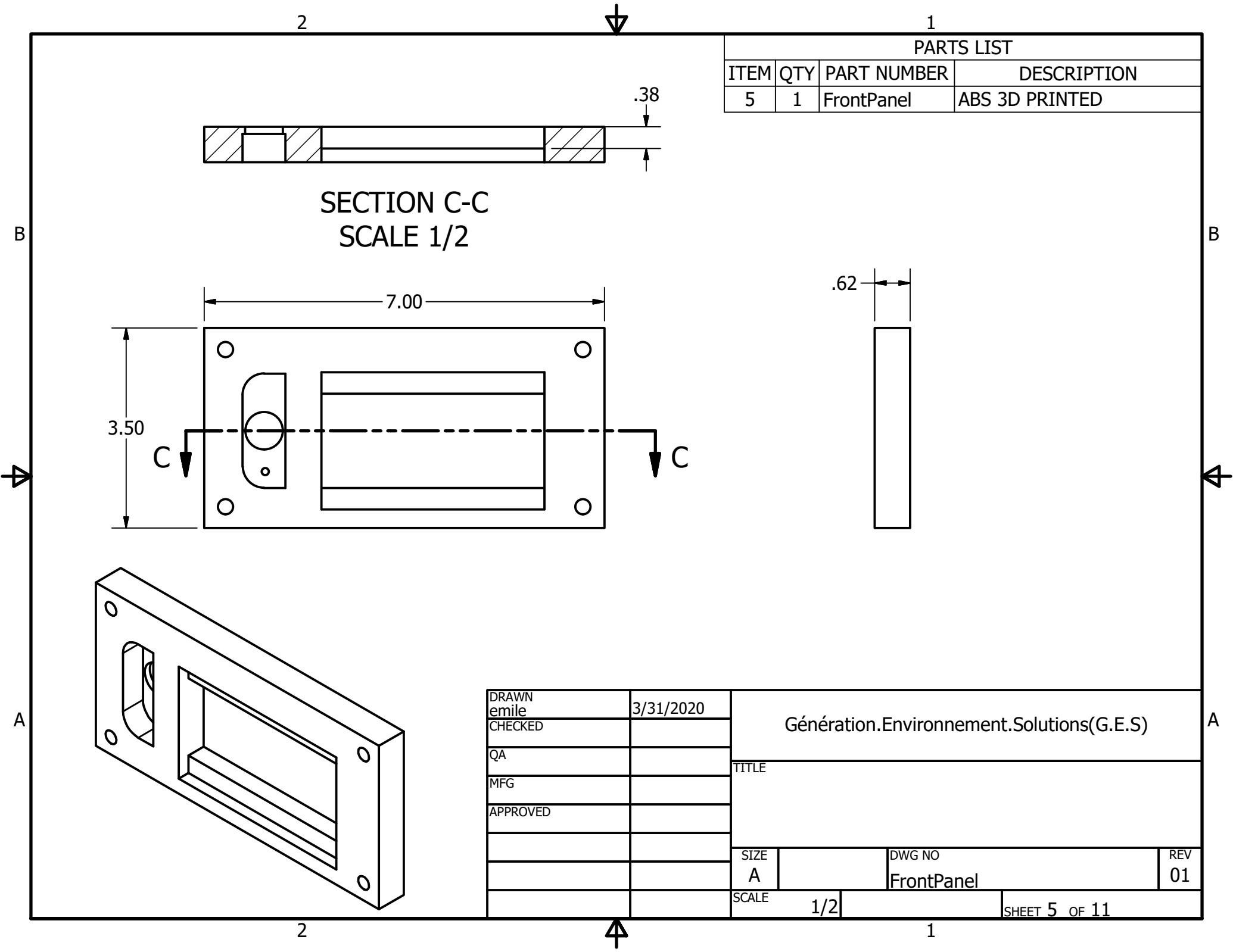


DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA				
MFG				
APPROVED		TITLE		
		SIZE A	DWG NO ArduinPanel	REV 01
		SCALE 1/2	SHEET 3 OF 11	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
8	1	BackCover	ABS 3D PRINTED

DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA				
MFG				
APPROVED				
		TITLE		
		SIZE A	DWG NO BackCover	REV 01
		SCALE 1/2	SHEET 4 OF 11	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	FrontPanel	ABS 3D PRINTED

DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)	
CHECKED			
QA			
MFG			
APPROVED		TITLE	
		SIZE A	DWG NO FrontPanel
		SCALE 1/2	REV 01
		SHEET 5 OF 11	

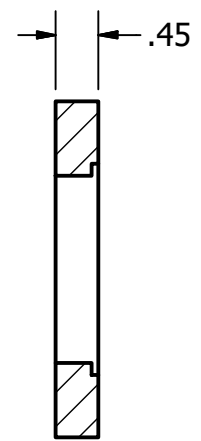
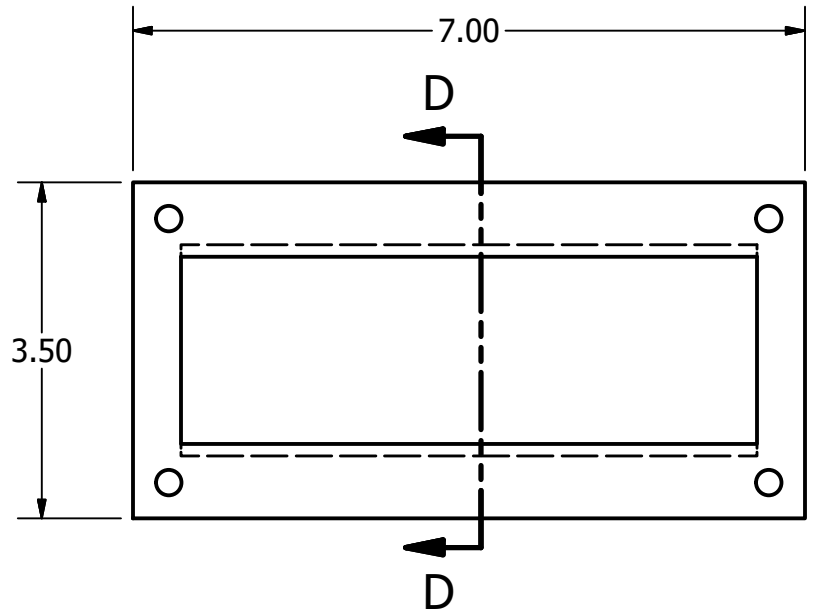


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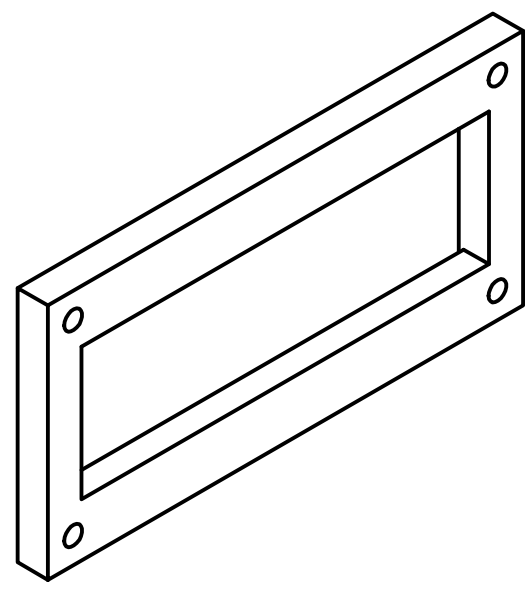
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PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	RampPanell	3D PRINTED ABS



SECTION D-D
SCALE 1/2

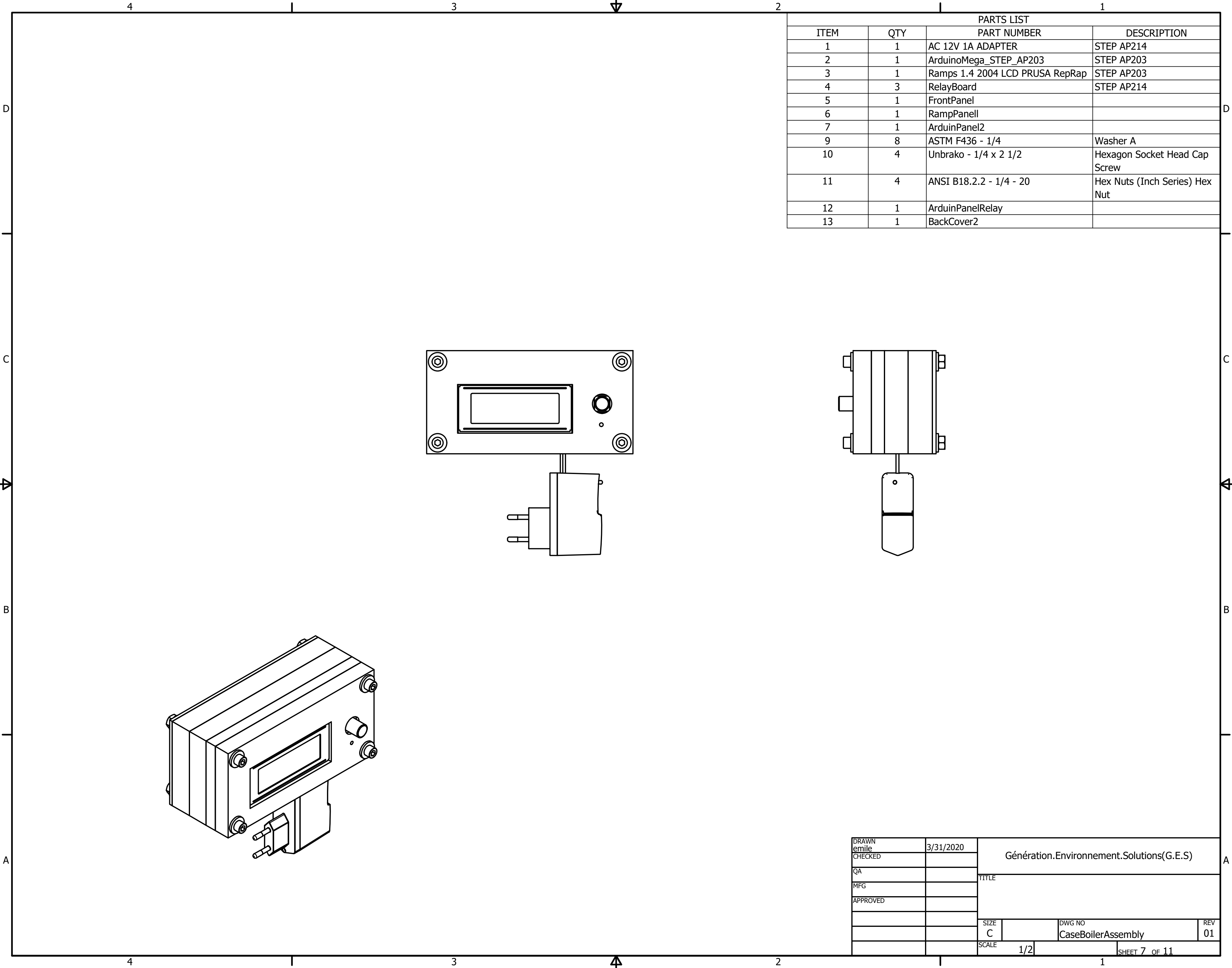


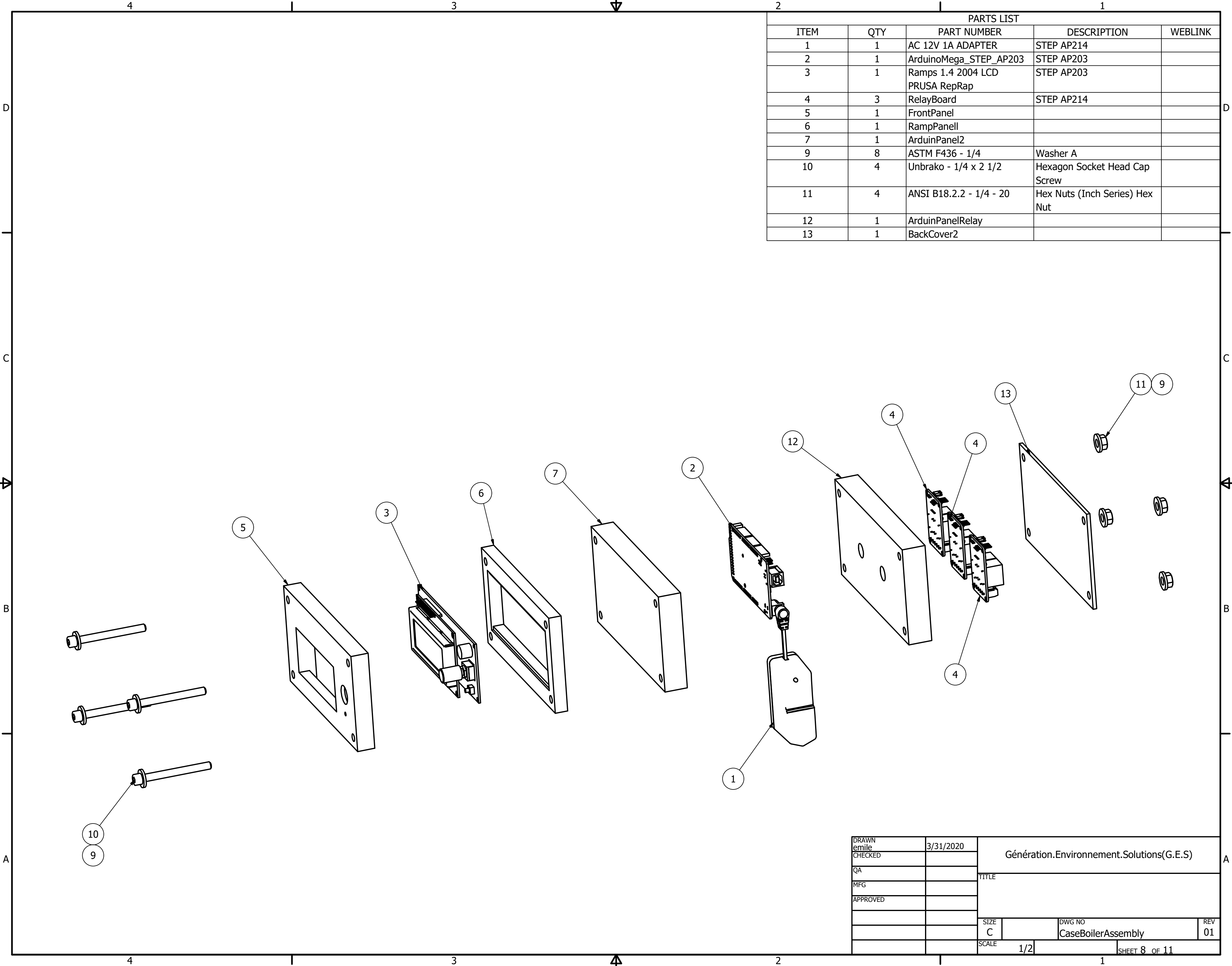
DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA				
MFG				
APPROVED		TITLE		
		SIZE A	DWG NO RampPanell	REV 01
		SCALE 1/2	SHEET 6 OF 11	



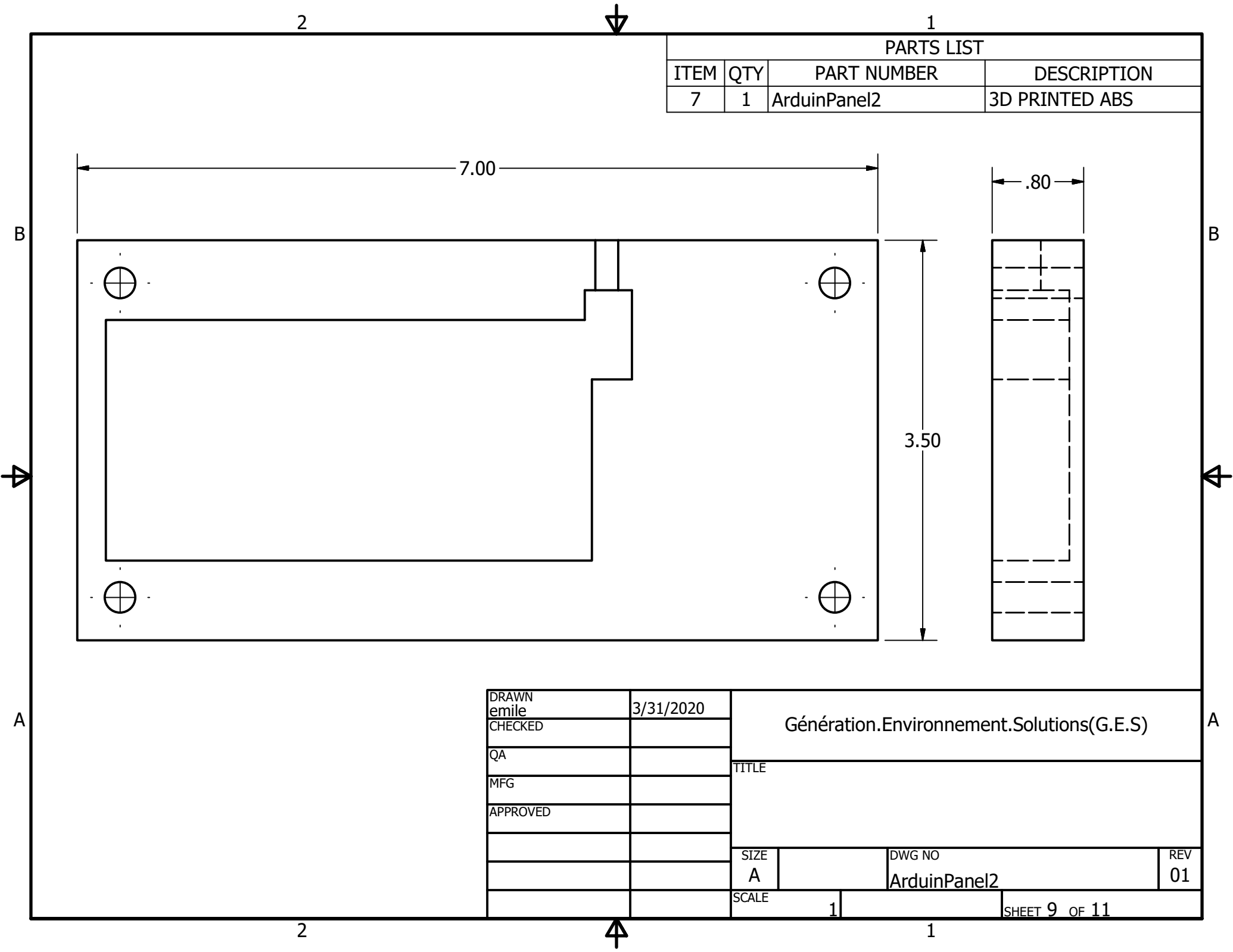
2

1



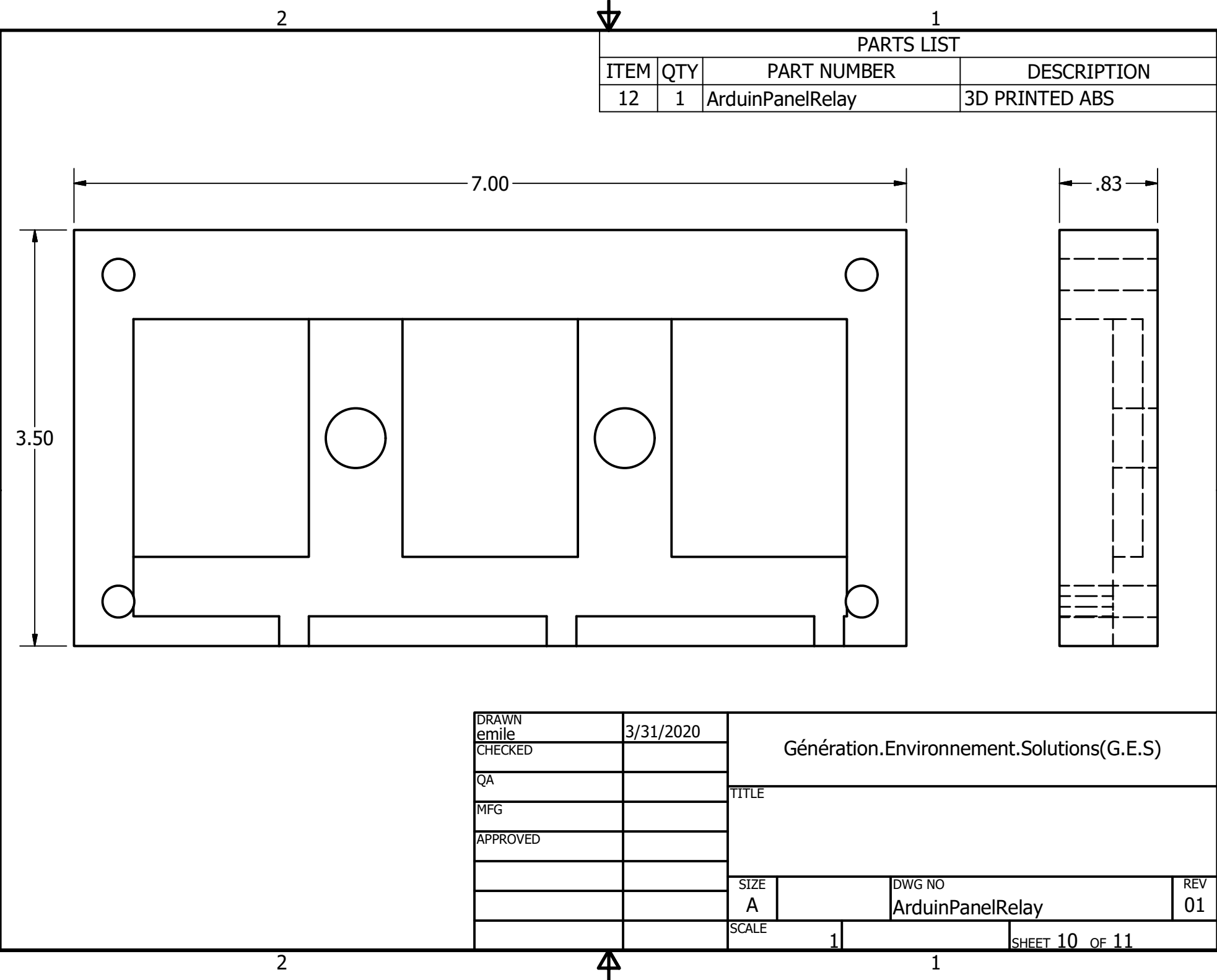


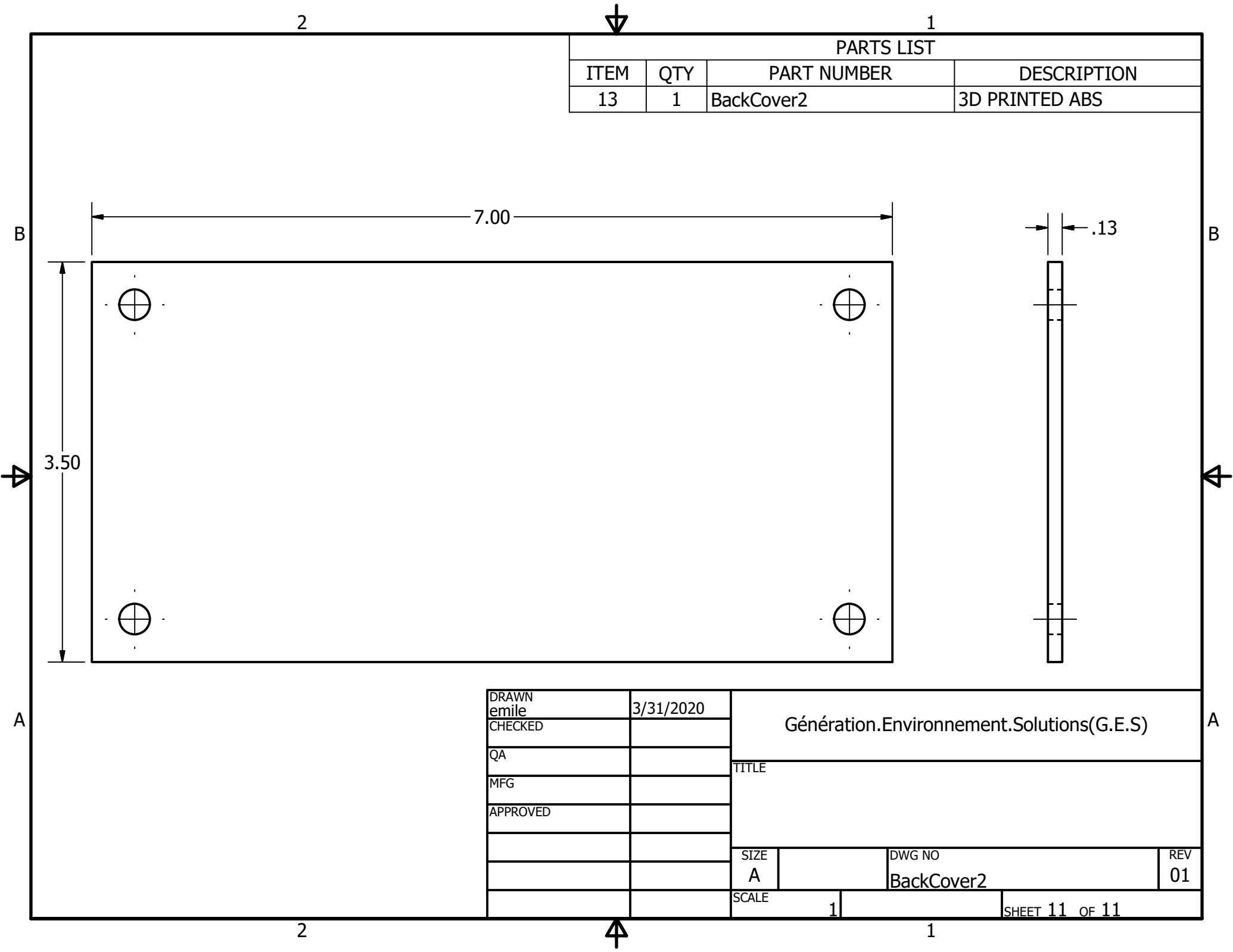
DRAWN emile	3/31/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED		TITLE		
QA				
MFG				
APPROVED				
		SIZE C	DWG NO CaseBoilerAssembly	REV 01
		SCALE 1/2	SHEET 8 OF 11	



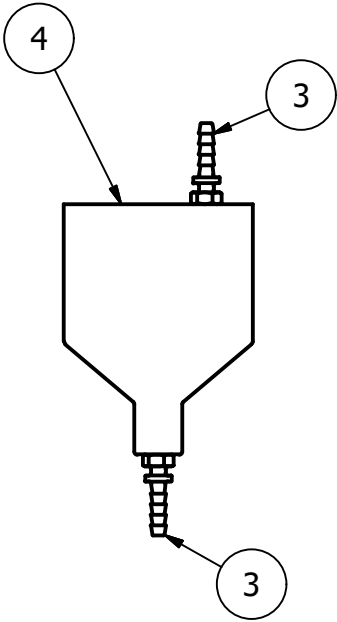
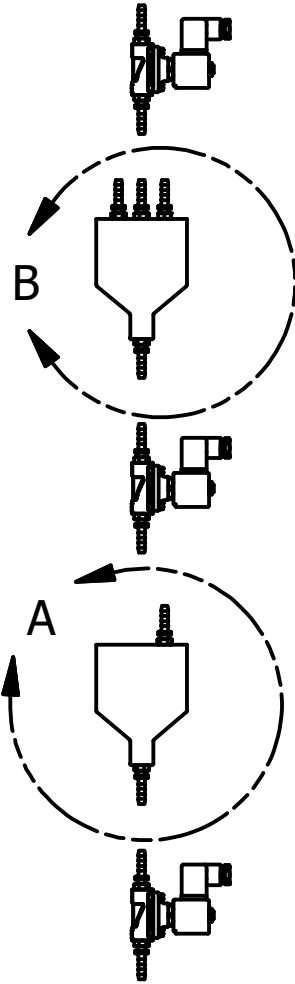
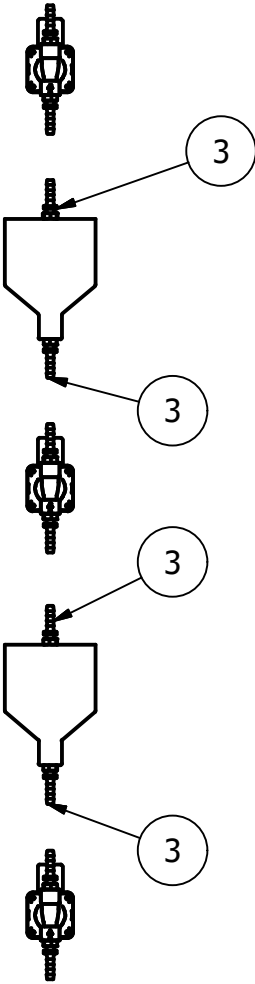
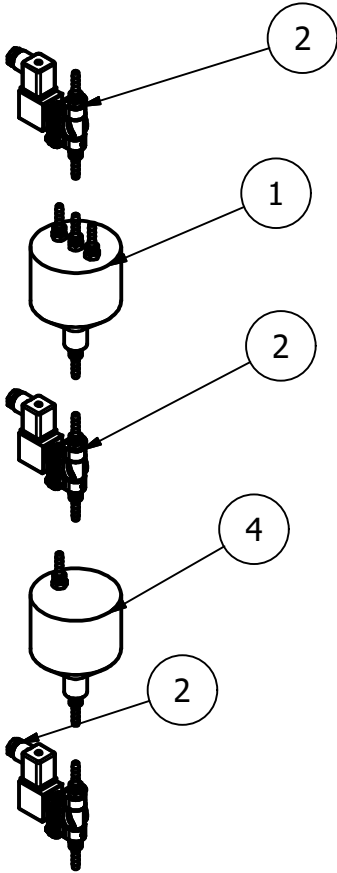
DRAWN	emile	3/31/2020
CHECKED		
QA		
MFG		
APPROVED		

Génération.Environnement.Solutions(G.E.S)		
TITLE		
SIZE	DWG NO	REV
A	ArduinPanel2	01
SCALE	1	SHEET 9 OF 11

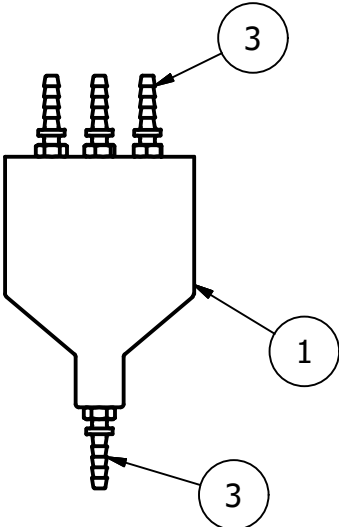




PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	Humidifier Botom Funnel		
4	1	HumidifierTopFunnel		
2	3	SolenoidValve		https://www.amazon.ca/gp/product/B07HT9D458/ref=ox_sc_act_title_1?smid=A23FMSJB1ZR12S&psc=1
3	6	NPT 1/2 Brass Barbed Hose 1/4 Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206

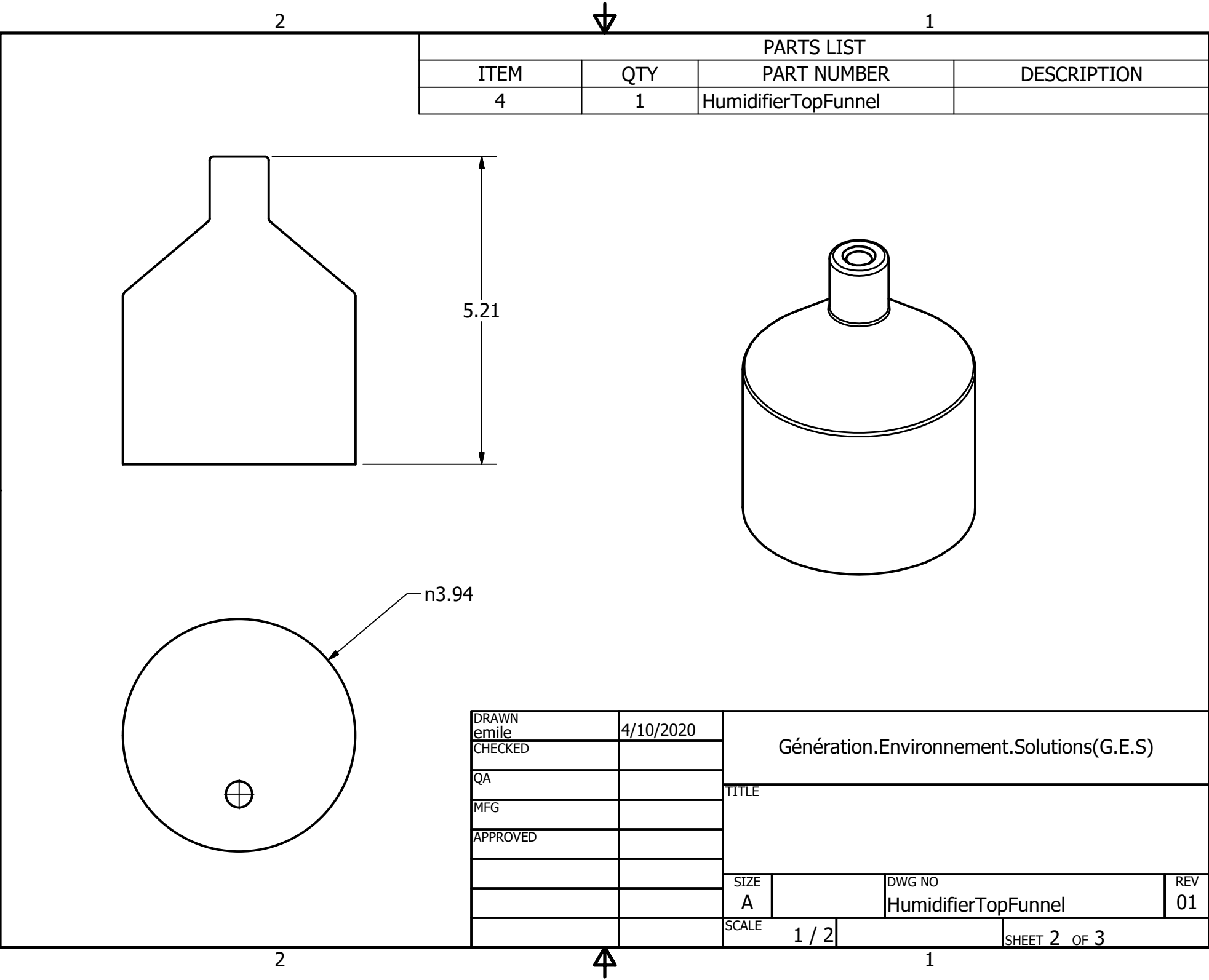


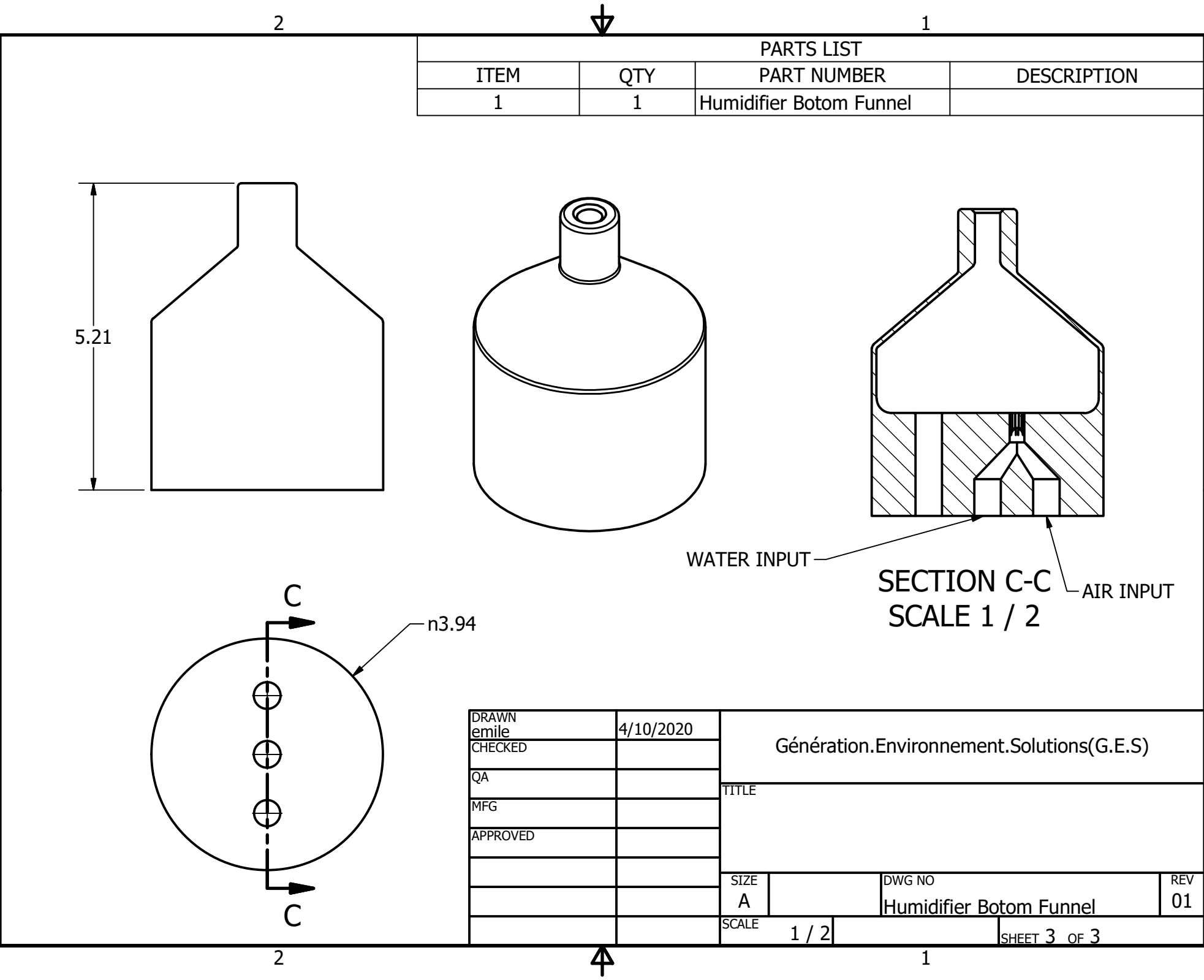
DETAIL A
SCALE 1/4



DETAIL B
SCALE 1/4

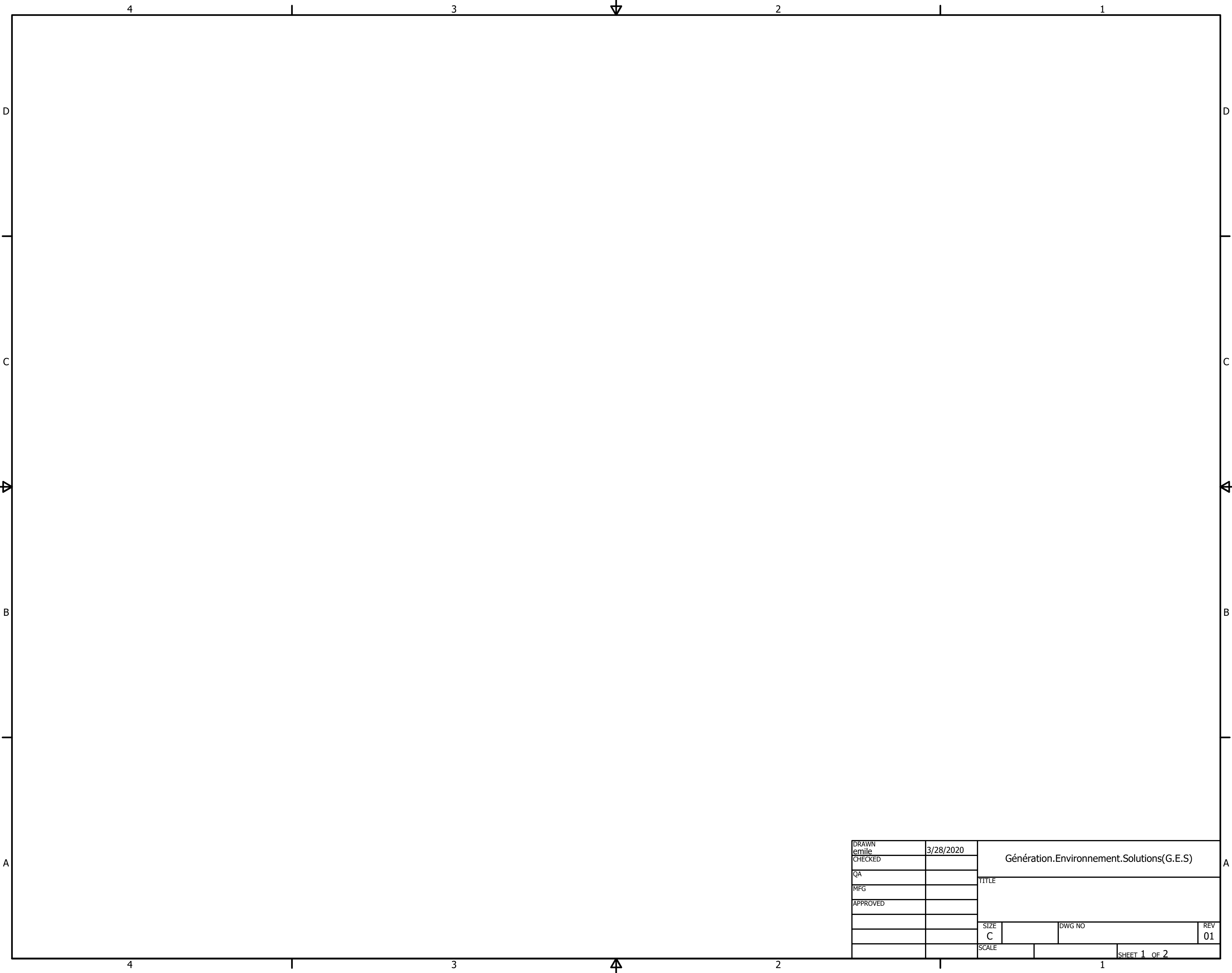
DRAWN emile	4/10/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED				
QA		TITLE Humidifier Assembly.STEP		
MFG				
APPROVED		SIZE B	DWG NO Humidifier Assembly	REV 01
		SCALE 0.12 : 1	SHEET 1 OF 3	



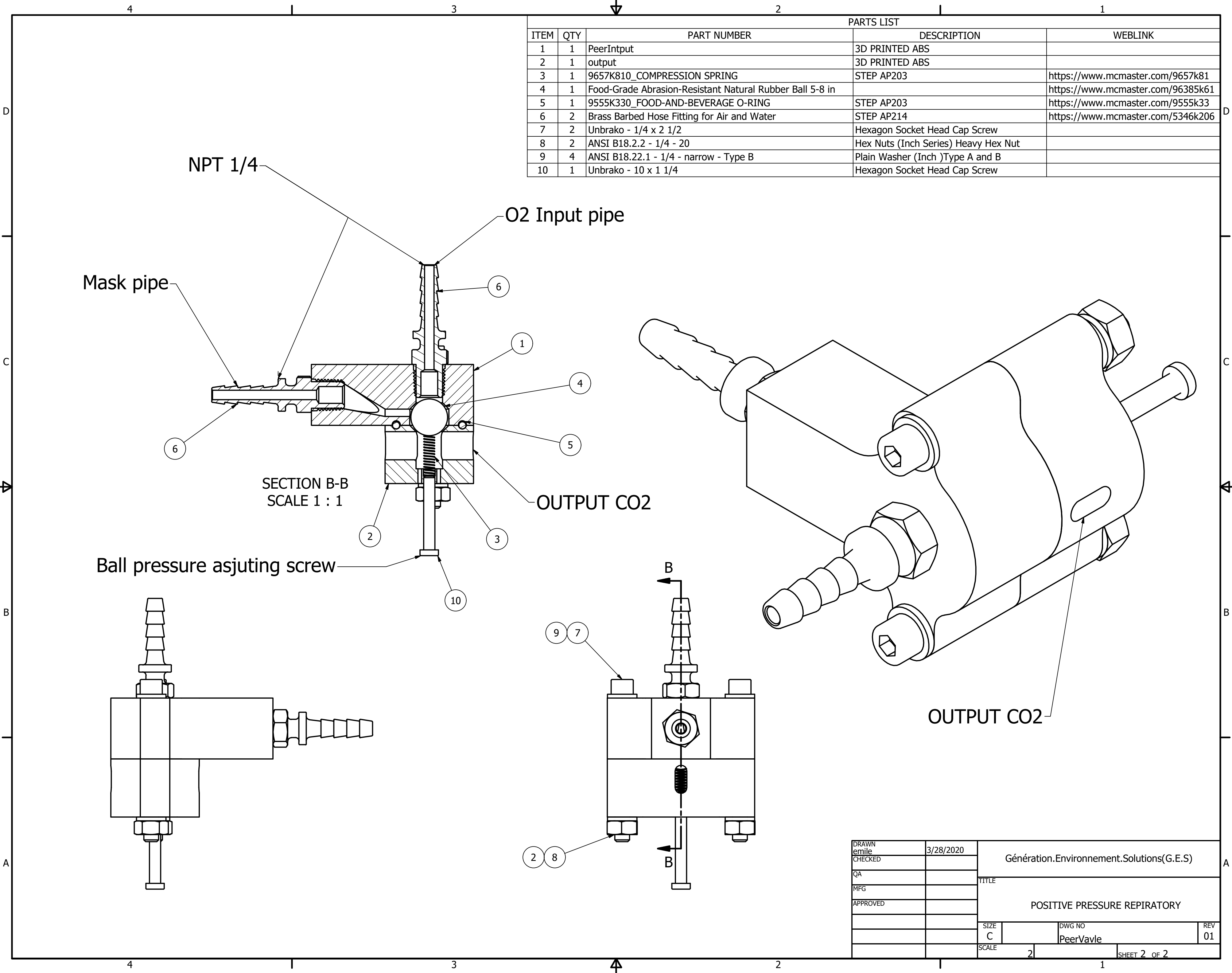


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Humidifier Botom Funnel	

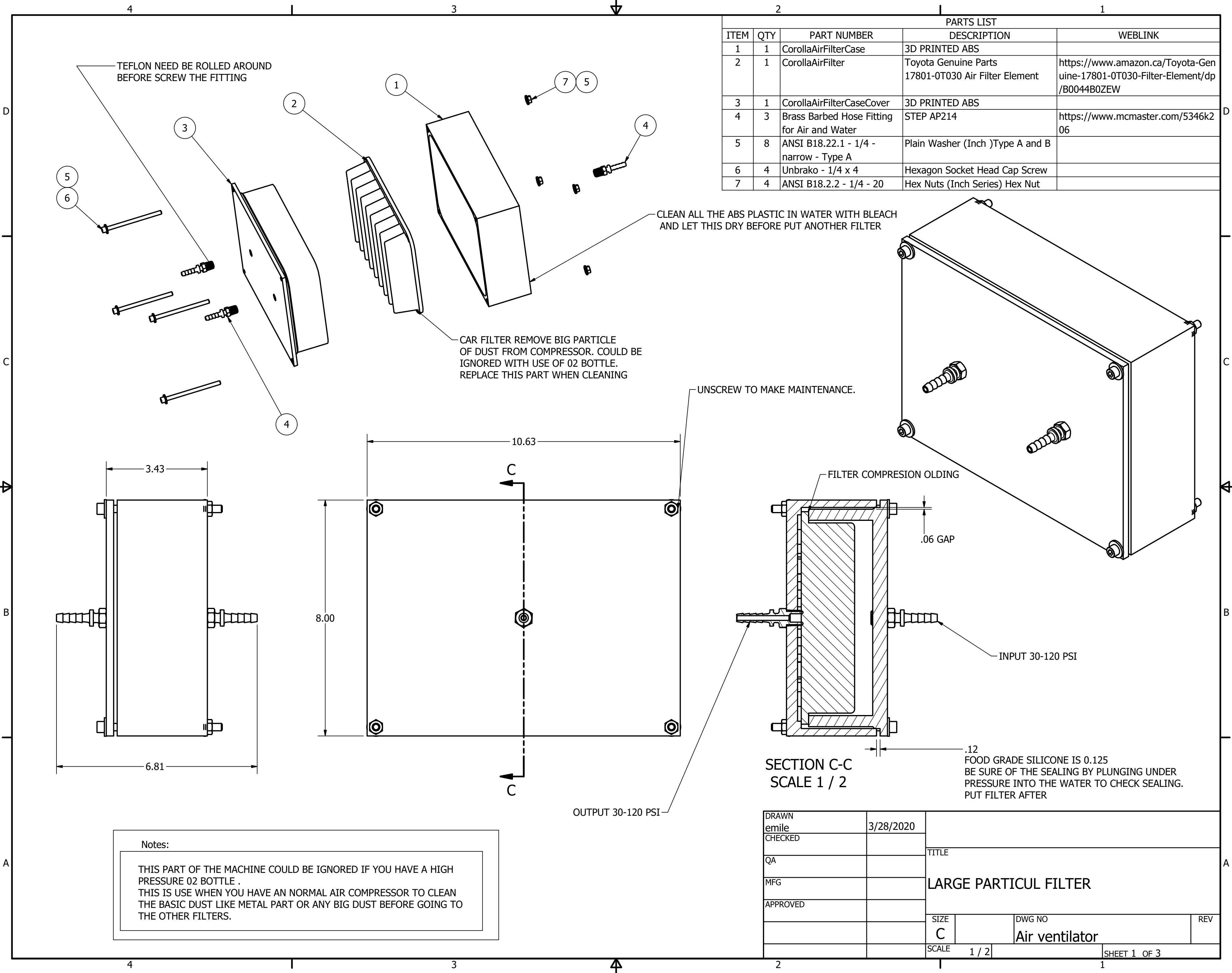
DRAWN emile	4/10/2020	Génération.Environnement.Solutions(G.E.S)	
CHECKED			
QA			
MFG			
APPROVED		TITLE	
		SIZE A	DWG NO Humidifier Botom Funnel
		SCALE 1 / 2	REV 01
		SHEET 3 OF 3	



DRAWN	3/28/2020	Génération.Environnement.Solutions(G.E.S)		
emile				
CHECKED				
QA				
MFG				
APPROVED		TITLE		
		SIZE	DWG NO	REV
		C		01
		SCALE	SHEET 1 OF 2	



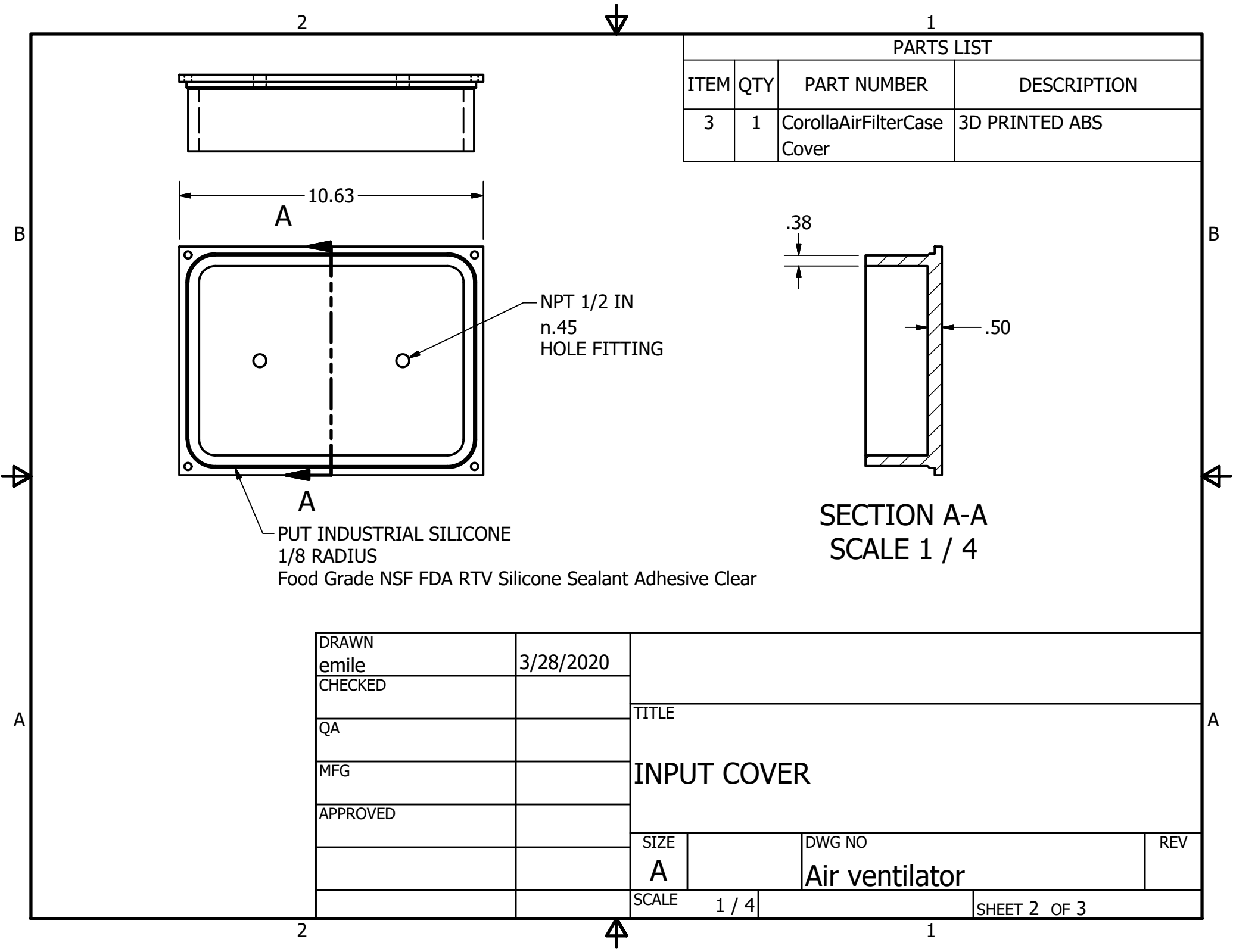
DRAWN emile	3/28/2020	Génération.Environnement.Solutions(G.E.S)		
CHECKED		TITLE		
QA		POSITIVE PRESSURE REPIRATORY		
MFG				
APPROVED		SIZE C	DWG NO PeerVavle	REV 01
		SCALE 2	SHEET 2 OF 2	



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	WEBLINK
1	1	CorollaAirFilterCase	3D PRINTED ABS	
2	1	CorollaAirFilter	Toyota Genuine Parts 17801-0T030 Air Filter Element	https://www.amazon.ca/Toyota-Genuine-17801-0T030-Filter-Element/dp/B0044B0ZEW
3	1	CorollaAirFilterCaseCover	3D PRINTED ABS	
4	3	Brass Barbed Hose Fitting for Air and Water	STEP AP214	https://www.mcmaster.com/5346k206
5	8	ANSI B18.22.1 - 1/4 - narrow - Type A	Plain Washer (Inch)Type A and B	
6	4	Unbrako - 1/4 x 4	Hexagon Socket Head Cap Screw	
7	4	ANSI B18.2.2 - 1/4 - 20	Hex Nuts (Inch Series) Hex Nut	

SECTION C-C
SCALE 1 / 2

DRAWN emile	3/28/2020	TITLE LARGE PARTICUL FILTER		
CHECKED				
QA				
MFG				
APPROVED		SIZE C	DWG NO	REV
		SCALE 1 / 2	Air ventilator	
				SHEET 1 OF 3



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
3	1	CorollaAirFilterCase Cover	3D PRINTED ABS

DRAWN emile	3/28/2020	TITLE INPUT COVER	
CHECKED			
QA			
MFG			
APPROVED		SIZE A	
		DWG NO Air ventilator	REV
		SCALE 1 / 4	SHEET 2 OF 3

2

1

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	CorollaAirFilterCase	3D PRINTED ABS

.50

.25

SECTION B-B
SCALE 1 / 4

B

B

NPT 1/2 IN
n.45
HOLE FITTINGFORMS TO LET AIR PASSED
THROW ALL THE SURFACE TO
THE FITTING

3.06

DRAWN emile	3/28/2020	TITLE OUTPUT CASE	
CHECKED			
QA			
MFG			
APPROVED		SIZE A	
		DWG NO Air ventilator	REV
		SCALE 1 / 4	SHEET 3 OF 3

2

1