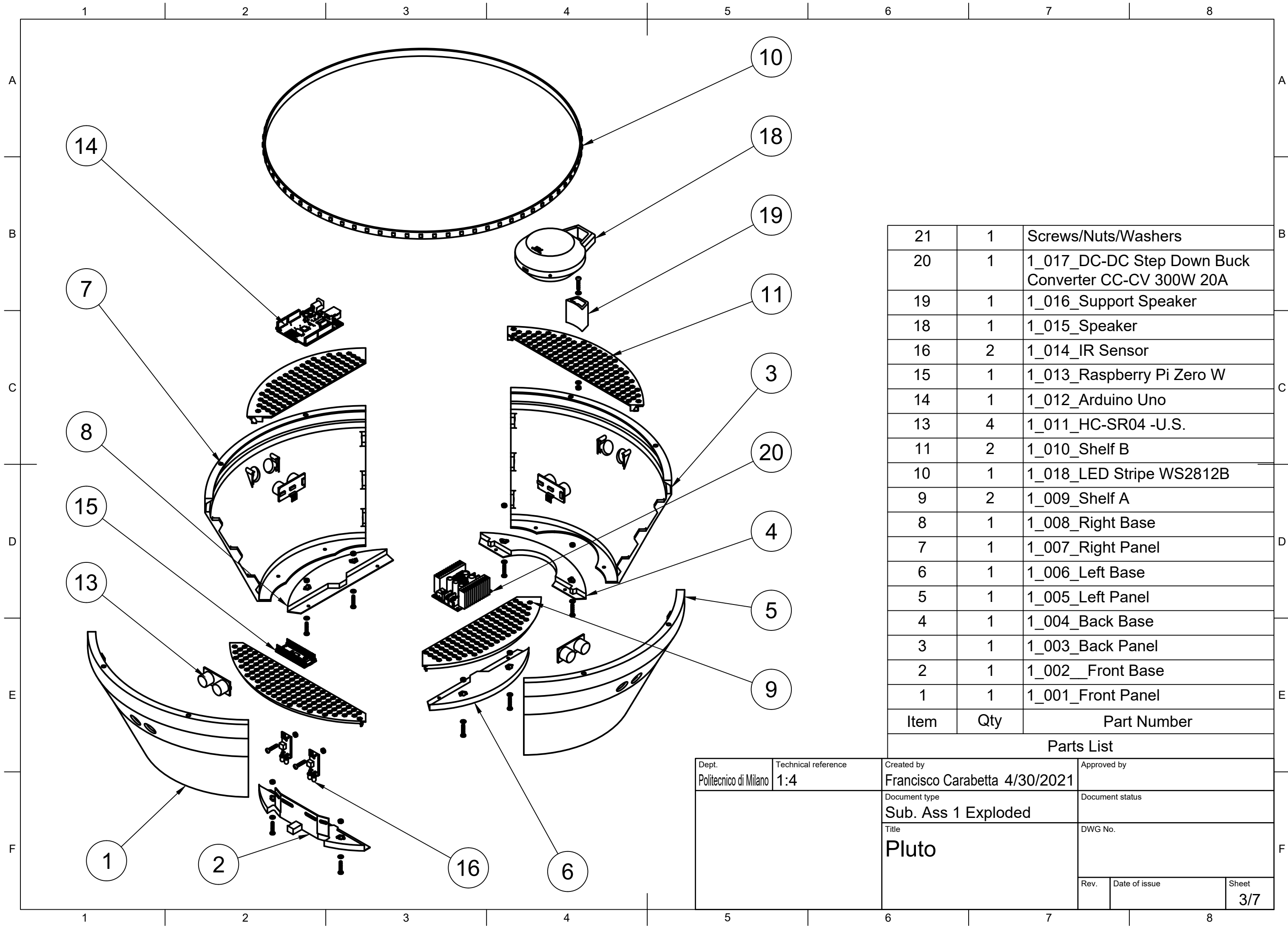


5	1	5_Upper Chassi
4	1	4_Brain
3	1	3_Neck
2	1	2_Head
1	1	1_Chassi
Item	Qty	Part Number
Parts List		

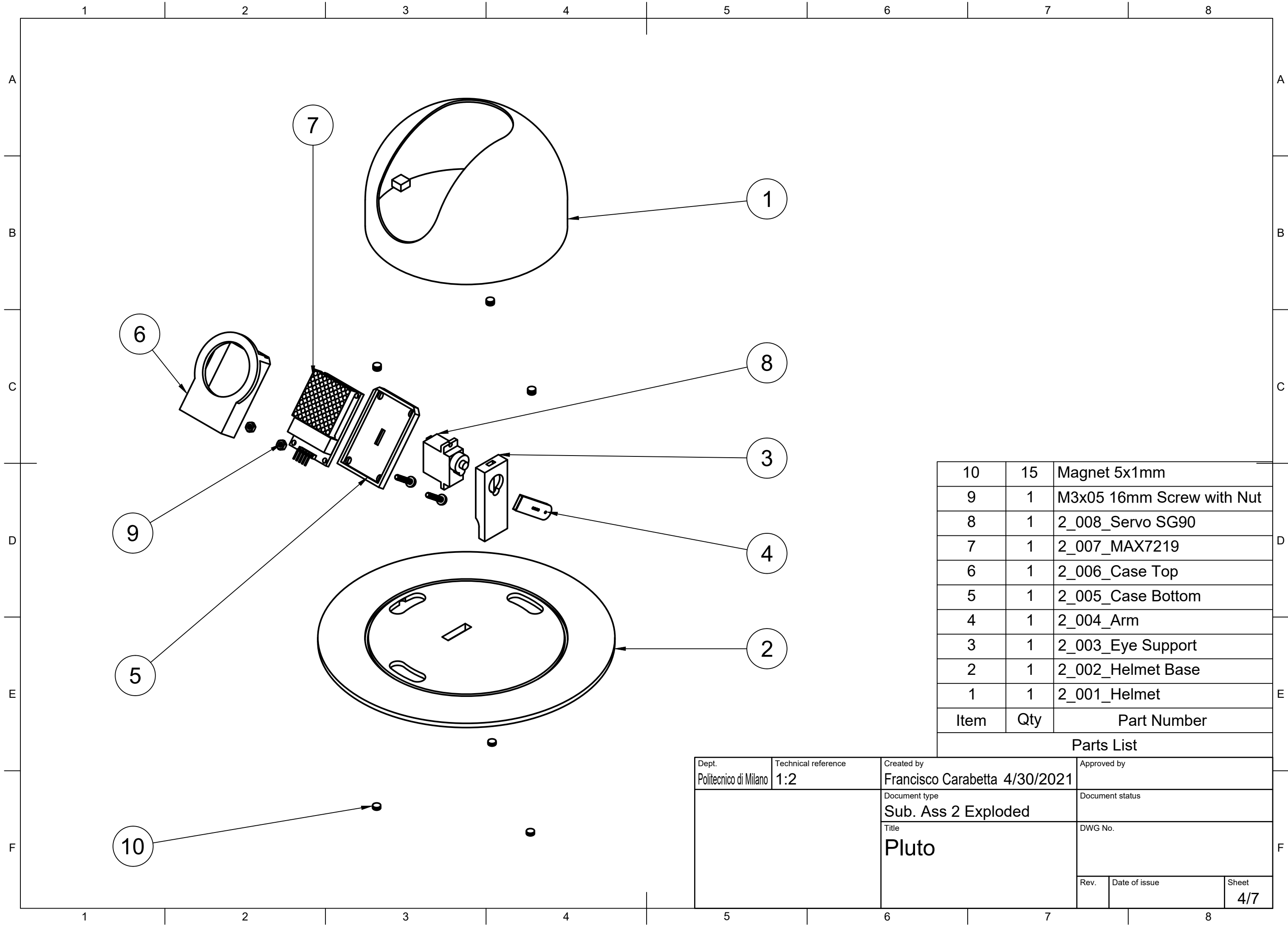
Dept. Politecnico di Milano	Technical reference 1:5	Created by Francisco Carabetta 4/30/2021	Approved by	
		Document type Sub. Assembly Exploded	Document status	
		Title Pluto	DWG No.	
			Rev.	Date of issue
			Sheet 2/7	



21	1	Screws/Nuts/Washers
20	1	1_017_DC-DC Step Down Buck Converter CC-CV 300W 20A
19	1	1_016_Support Speaker
18	1	1_015_Speaker
16	2	1_014_IR Sensor
15	1	1_013_Raspberry Pi Zero W
14	1	1_012_Arduino Uno
13	4	1_011_HC-SR04 -U.S.
11	2	1_010_Shelf B
10	1	1_018_LED Stripe WS2812B
9	2	1_009_Shelf A
8	1	1_008_Right Base
7	1	1_007_Right Panel
6	1	1_006_Left Base
5	1	1_005_Left Panel
4	1	1_004_Back Base
3	1	1_003_Back Panel
2	1	1_002_Front Base
1	1	1_001_Front Panel
Item	Qty	Part Number

Parts List

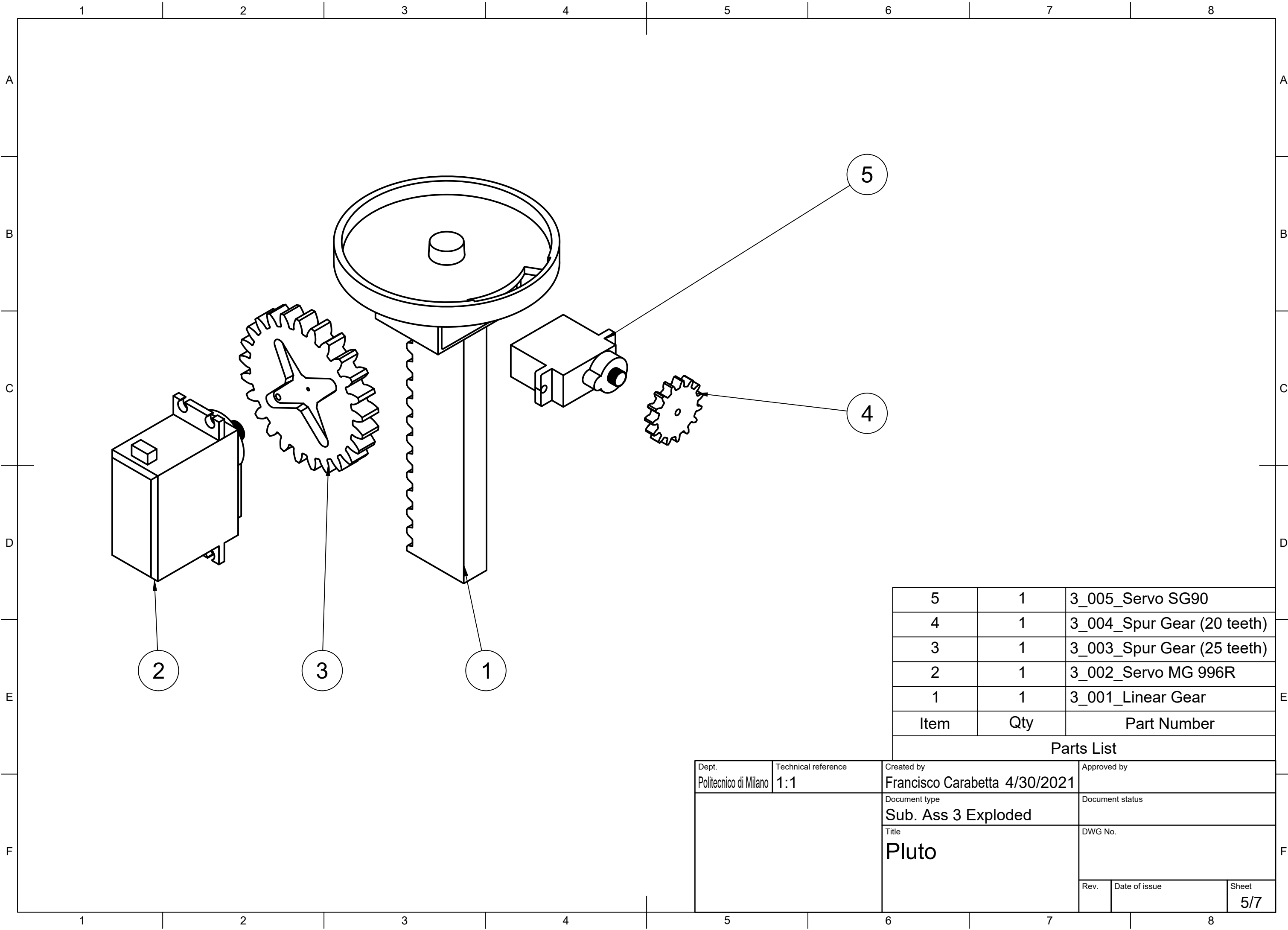
Dept. Politecnico di Milano	Technical reference 1:4	Created by Francisco Carabetta 4/30/2021	Approved by
		Document type Sub. Ass 1 Exploded	Document status
		Title Pluto	DWG No.
Rev.	Date of issue	Sheet 3/7	



10	15	Magnet 5x1mm
9	1	M3x05 16mm Screw with Nut
8	1	2_008_Servo SG90
7	1	2_007_MAX7219
6	1	2_006_Case Top
5	1	2_005_Case Bottom
4	1	2_004_Arm
3	1	2_003_Eye Support
2	1	2_002_Helmet Base
1	1	2_001_Helmet
Item	Qty	Part Number

Parts List

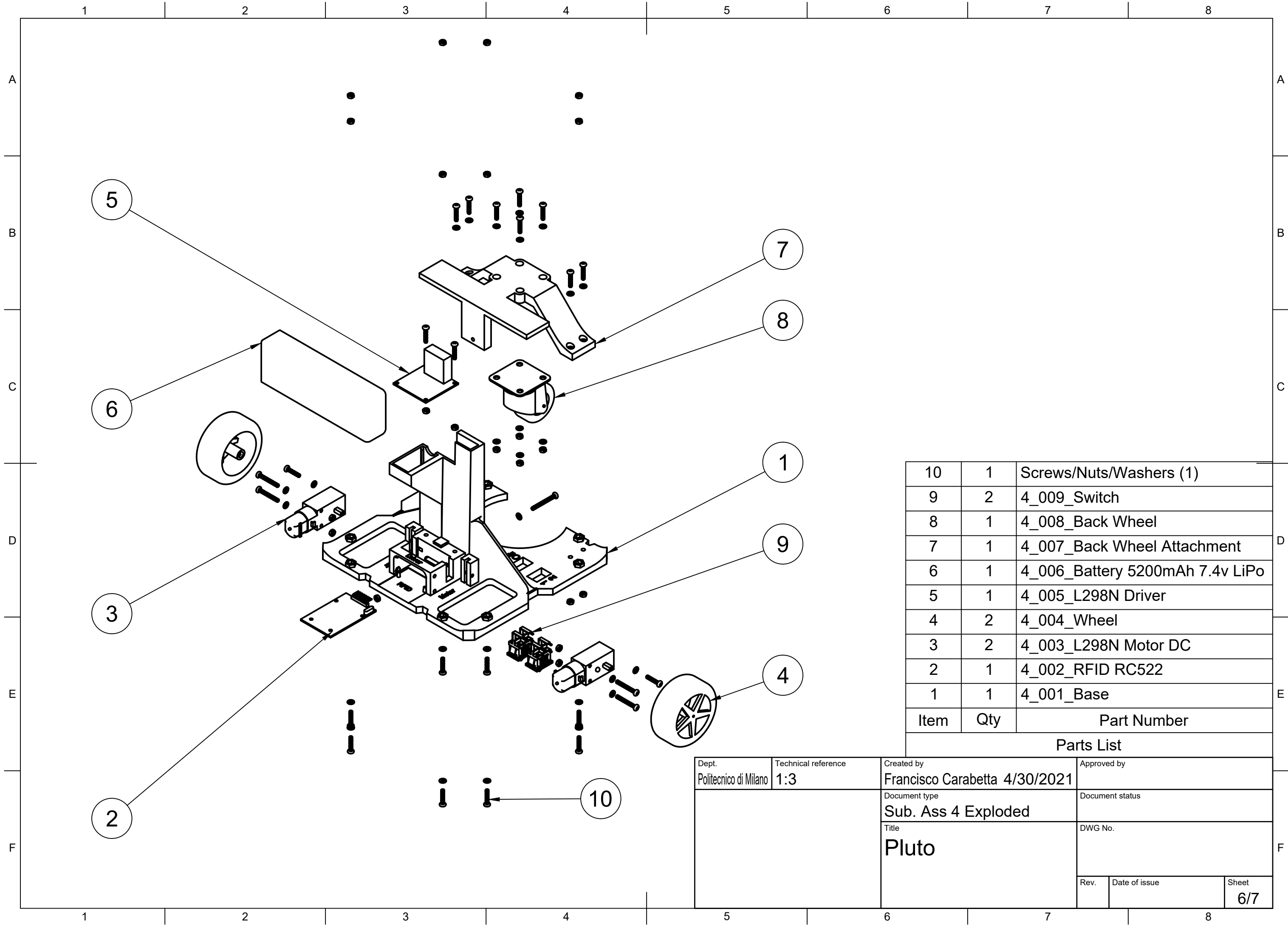
Dept. Politecnico di Milano	Technical reference 1:2	Created by Francisco Carabetta 4/30/2021	Approved by
		Document type Sub. Ass 2 Exploded	Document status
		Title Pluto	DWG No.
		Rev.	Date of issue
		Sheet 4/7	



5	1	3_005_Servo SG90
4	1	3_004_Spur Gear (20 teeth)
3	1	3_003_Spur Gear (25 teeth)
2	1	3_002_Servo MG 996R
1	1	3_001_Linear Gear
Item	Qty	Part Number

Parts List

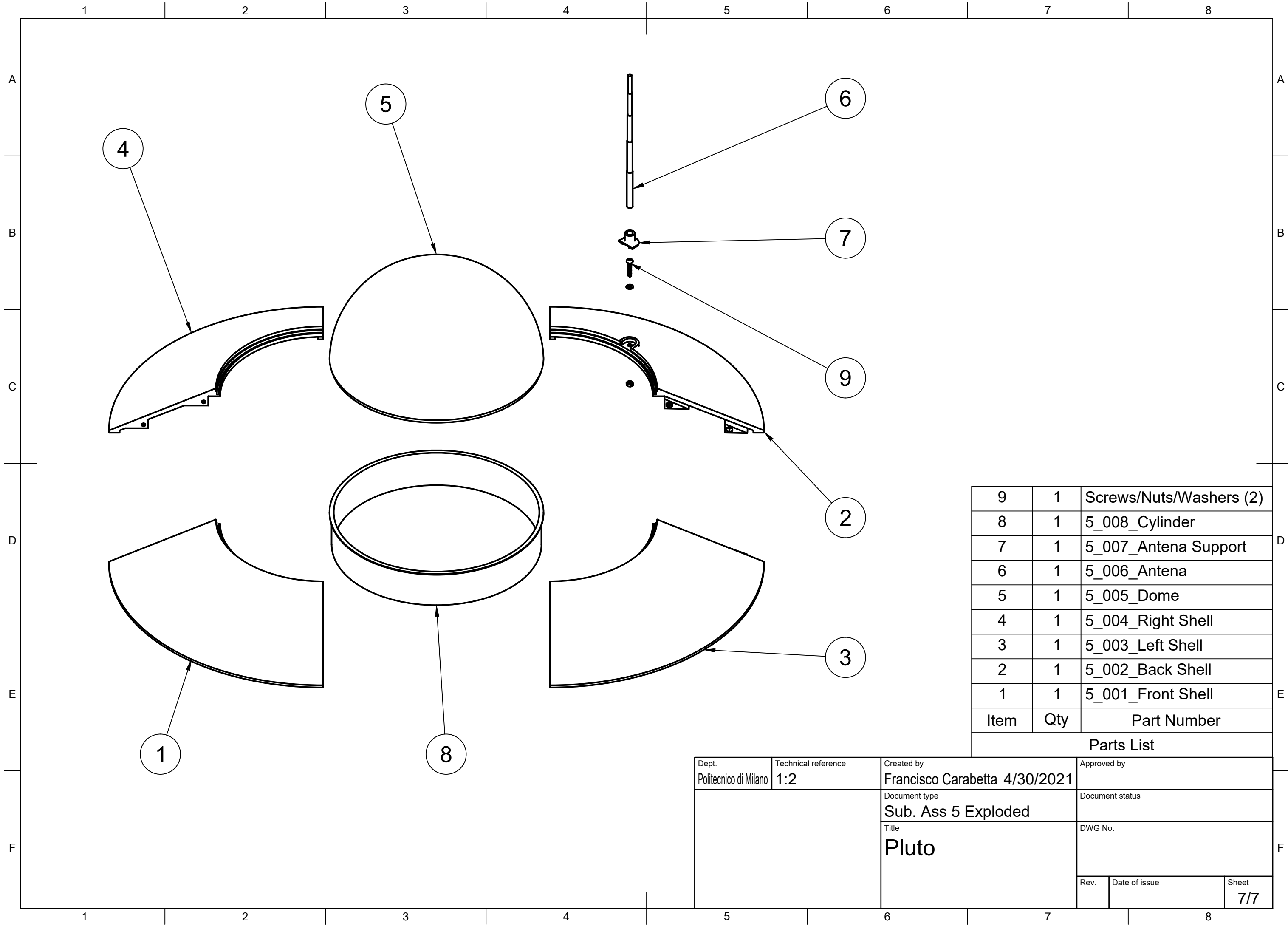
Dept. Politecnico di Milano	Technical reference 1:1	Created by Francisco Carabetta 4/30/2021	Approved by
		Document type Sub. Ass 3 Exploded	Document status
		Title Pluto	DWG No.
		Rev.	Date of issue
		Sheet 5/7	



10	1	Screws/Nuts/Washers (1)
9	2	4_009_Switch
8	1	4_008_Back Wheel
7	1	4_007_Back Wheel Attachment
6	1	4_006_Battery 5200mAh 7.4v LiPo
5	1	4_005_L298N Driver
4	2	4_004_Wheel
3	2	4_003_L298N Motor DC
2	1	4_002_RFID RC522
1	1	4_001_Base
Item	Qty	Part Number

Parts List

Dept. Politecnico di Milano	Technical reference 1:3	Created by Francisco Carabetta 4/30/2021	Approved by
		Document type Sub. Ass 4 Exploded	Document status
		Title Pluto	DWG No.
		Rev.	Date of issue
		Sheet 6/7	



9	1	Screws/Nuts/Washers (2)
8	1	5_008_Cylinder
7	1	5_007_Antena Support
6	1	5_006_Antena
5	1	5_005_Dome
4	1	5_004_Right Shell
3	1	5_003_Left Shell
2	1	5_002_Back Shell
1	1	5_001_Front Shell
Item	Qty	Part Number

Parts List			
Dept. Politecnico di Milano		Approved by	
Technical reference 1:2		Document status	
		DWG No.	
		Rev.	Date of issue
		Sheet 7/7	

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Document type Sub. Ass 5 Exploded	
Title Pluto	