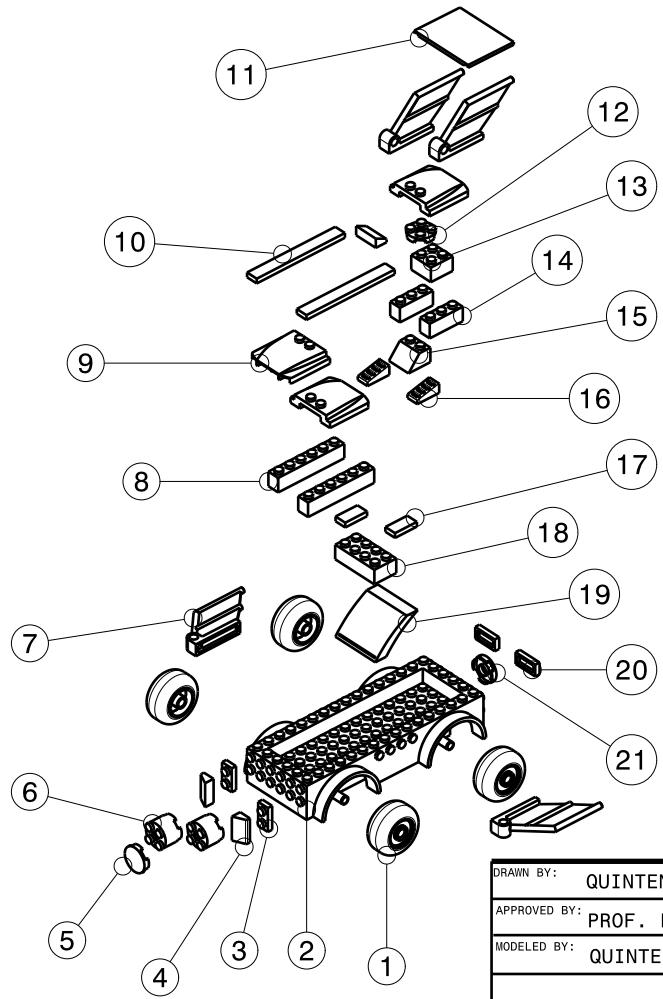


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APPROVED BY:	PROF. LIBERATI	AEROSPACE ENGINEERING	
MODELED BY:	QUINTEN ACCHIONE	DRAWING TITLE: FULL ASSEMBLY	
		SCALE:	DATE:
1:1		12/06/2023	SHEET: 1 of 8



PART #	DESCRIPTION	QTY	MAT'L
21	2X2 GREY CIRCLE	1	PLASTIC
20	1X2 FLAT RED	2	PLASTIC
19	WINDSHIELD	1	PLEXIGLASS
18	2X4 DARK GREY BRICK	1	PLASTIC
17	1X2 FLAT BLACK	2	PLASTIC
16	1X2 BLACK SLOTTED	2	PLASTIC
15	2X2 BROWN INCLINE BRICK	1	PLASTIC
14	1X3 DARK GREY BRICK	2	PLASTIC
13	2X2 RED BRICK	1	PLASTIC
12	2X2 BROWN CIRCLE	1	PLASTIC
11	SPOILER	1	PLASTIC
10	1X8 FLAT BLACK	2	PLASTIC
09	HOOD	3	PLASTIC
08	1x6 YELLOW BRICK	2	PLASTIC
07	BATWING	4	PLASTIC
06	2X2 YELLOW CIRCLE	1	PLASTIC
05	2X2 GREY CYLINDAR	2	PLASTIC
04	1X2 BLACK INCLINE	3	PLASTIC
03	1x2 ORANGE BRICK	2	PLASTIC
02	BODY	1	PLASTIC
01	TIRE SUB-ASSEMBLY	4	N/A

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EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

AEROSPACE ENGINEERING

DRAWING TITLE:

LEGO BATMOBILE - EXPLODED

SCALE:

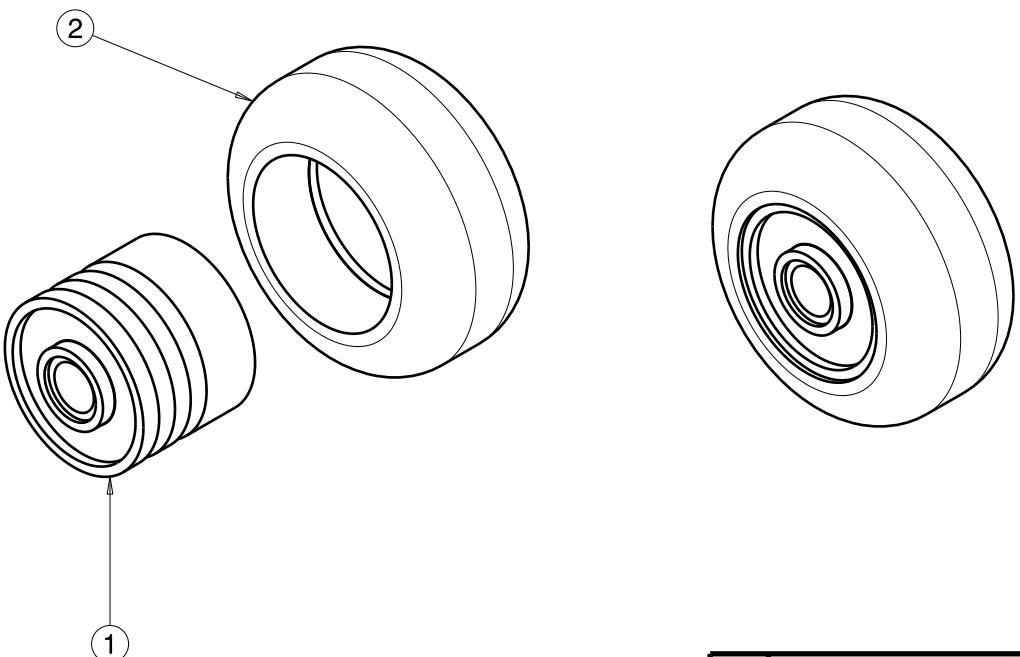
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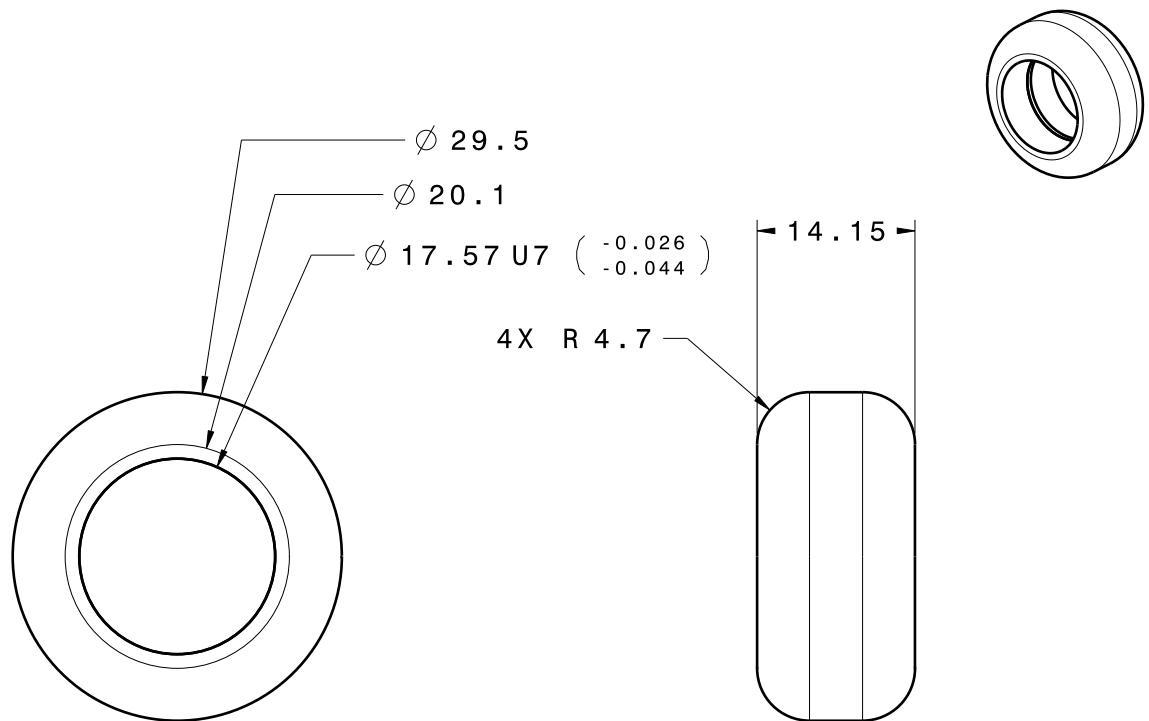
12/06/2023

SHEET:

2 of 8

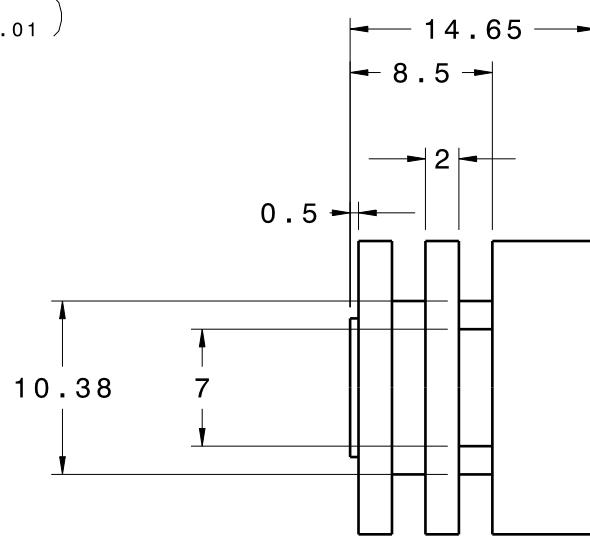
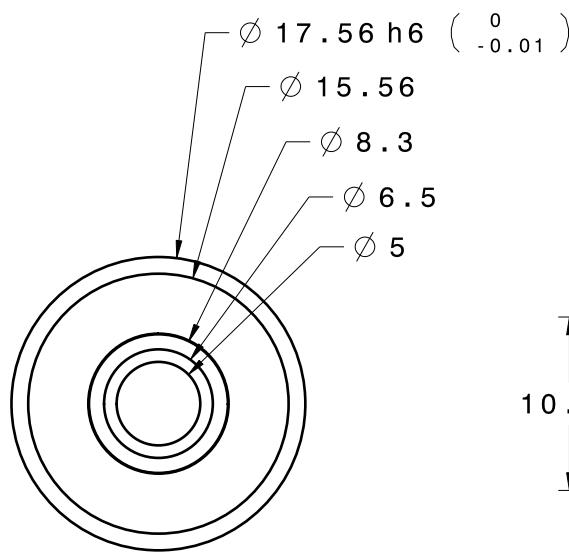


PART #	DESCRIPTION	QTY	MAT'L
02	TIRE	1	RUBBER
01	TIRE RIM	1	PLASTIC
DRAWN BY:	QUINTEN ACCIONE		
APPROVED BY:	PROF. LIBERATI		
MODELED BY:	QUINTEN ACCIONE		
SCALE:	DATE:	12/06.2023	SHEET:
			3 of 8



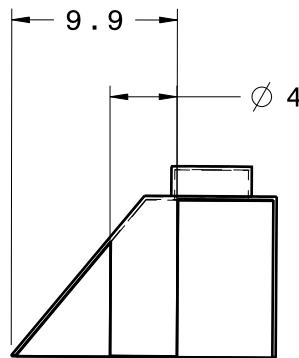
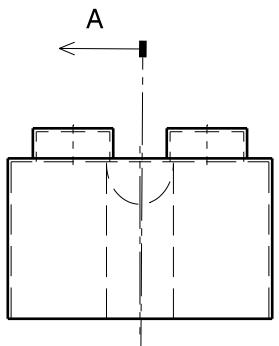
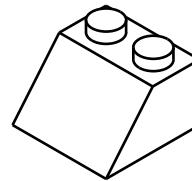
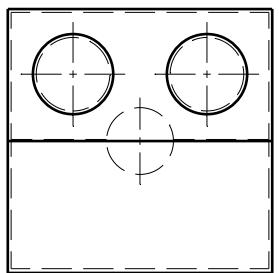
THE TIRE AND THE TIRE RIM MUST
HAVE A FORCE FIT (U7/h6)

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APPROVED BY:	PROF. LIBERATI	AEROSPACE ENGINEERING	
MODELED BY:	QUINTEN ACCIONE	DRAWING TITLE: TIRE	
SCALE:	2:1	DATE:	12/06/2023
		SHEET:	4 of 8



THE TIRE AND THE TIRE RIM MUST
HAVE A FORCE FIT (U7/h6)

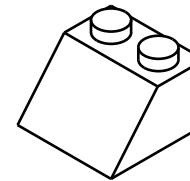
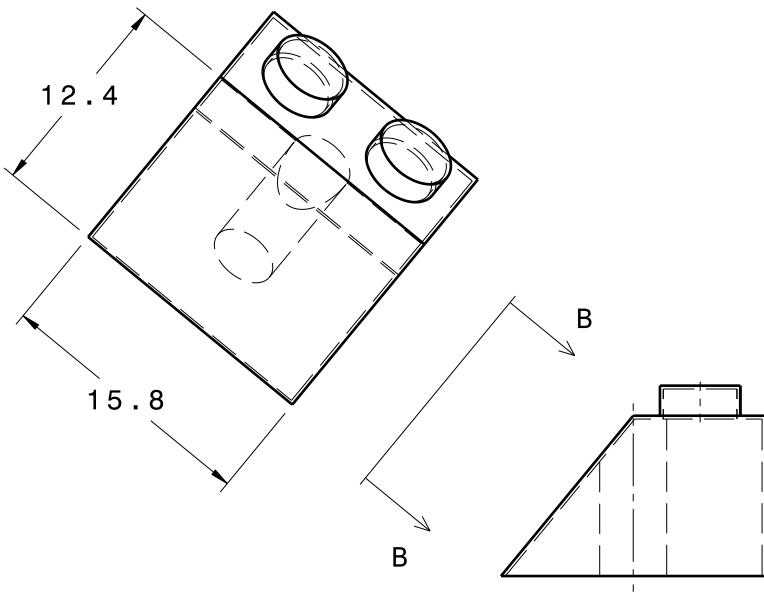
DRAWN BY:	QUINTEN ACCIONE	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	
APPROVED BY:	PROF. LIBERATI	AEROSPACE ENGINEERING	
MODELED BY:	QUINTEN ACCIONE	DRAWING TITLE: TIRE RIM	
SCALE:	3:1	DATE:	12/06/2023
		SHEET:	5 of 8



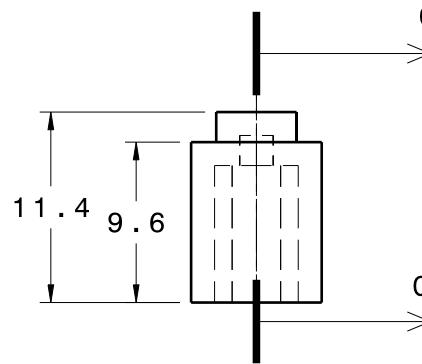
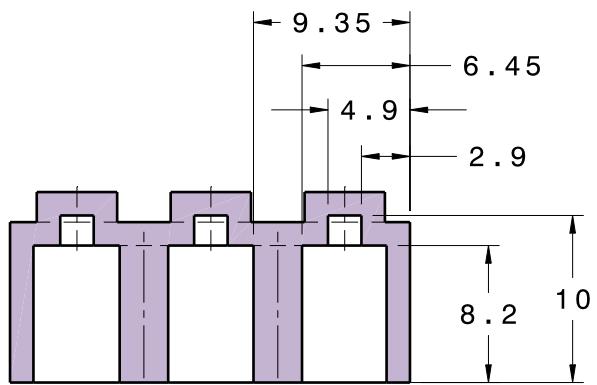
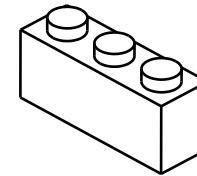
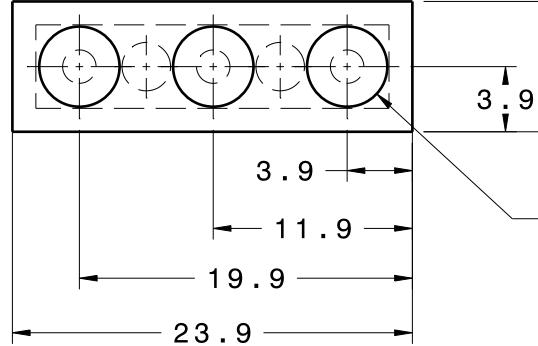
SECTION A-A

A

DIMENSION TOLERANCE		DRAWN BY: QUINTEN ACCHIONE	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	
APPROVED BY: PROF. LIBERATI		AEROSPACE ENGINEERING		
INTEGER ± .1		DRAWING TITLE:		
MODELED BY: QUINTEN ACCHIONE		FULL SECTION VIEW - 2X2 INCLINE		
ANGULAR: ± 1°		SCALE: 3:1	DATE: 12/06/2023	SHEET: 6 of 8



DIMENSION TOLERANCE	DRAWN BY: QUINTEN ACCHIONE	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY AEROSPACE ENGINEERING	
INTEGER	APPROVED BY: PROF. LIBERATI	DRAWING TITLE: FULL AUXILIARY - 2X2 INCLINE	
$\pm .1$	MODELED BY: QUINTEN ACCHIONE		
ANGULAR: $\pm 1^\circ$		SCALE:	DATE: 12/06/2023
		3:1	SHEET: 7 of 8



SECTION C-C

DRAWN BY:	QUINTEN ACCIONE	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	
APPROVED BY:	PROF. LIBERATI	AEROSPACE ENGINEERING	
MODELED BY:	QUINTEN ACCIONE	DRAWING TITLE:	
FULL SECTION VIEW - 1X3 BRICK			
SCALE:	3:1	DATE:	12/06/2023
		SHEET:	8 of 8