

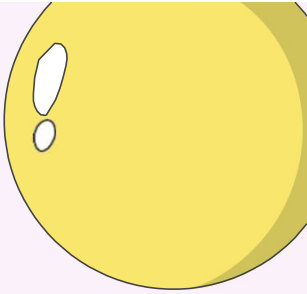
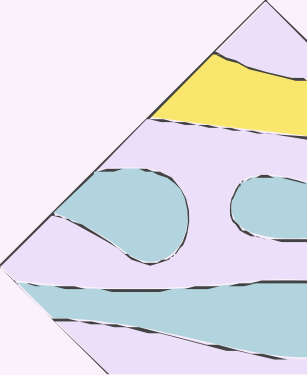
# Automoblox Car



Om Patel - BVT - Engineering & Robotics - 5/10/22



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# Design Brief

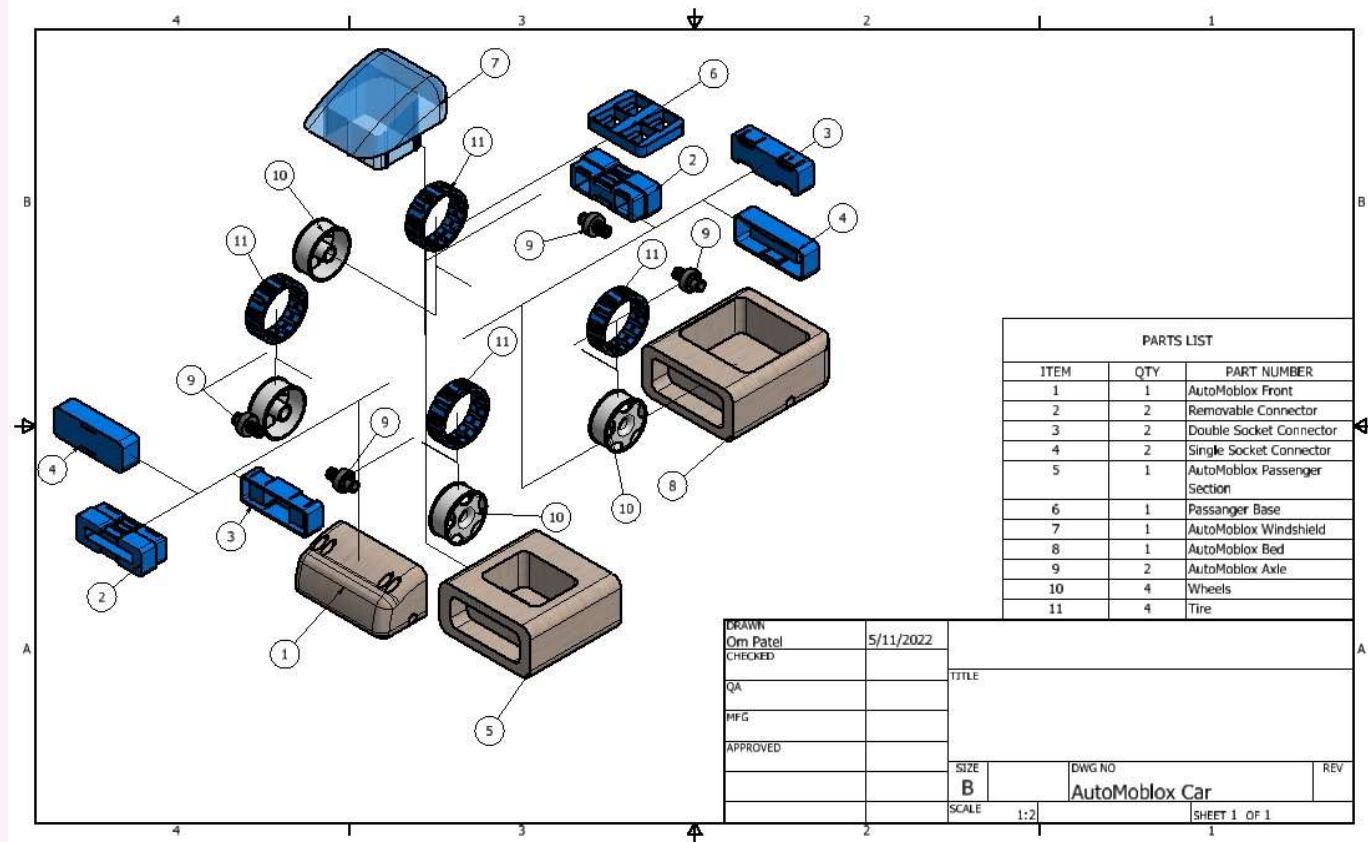
## Design Brief



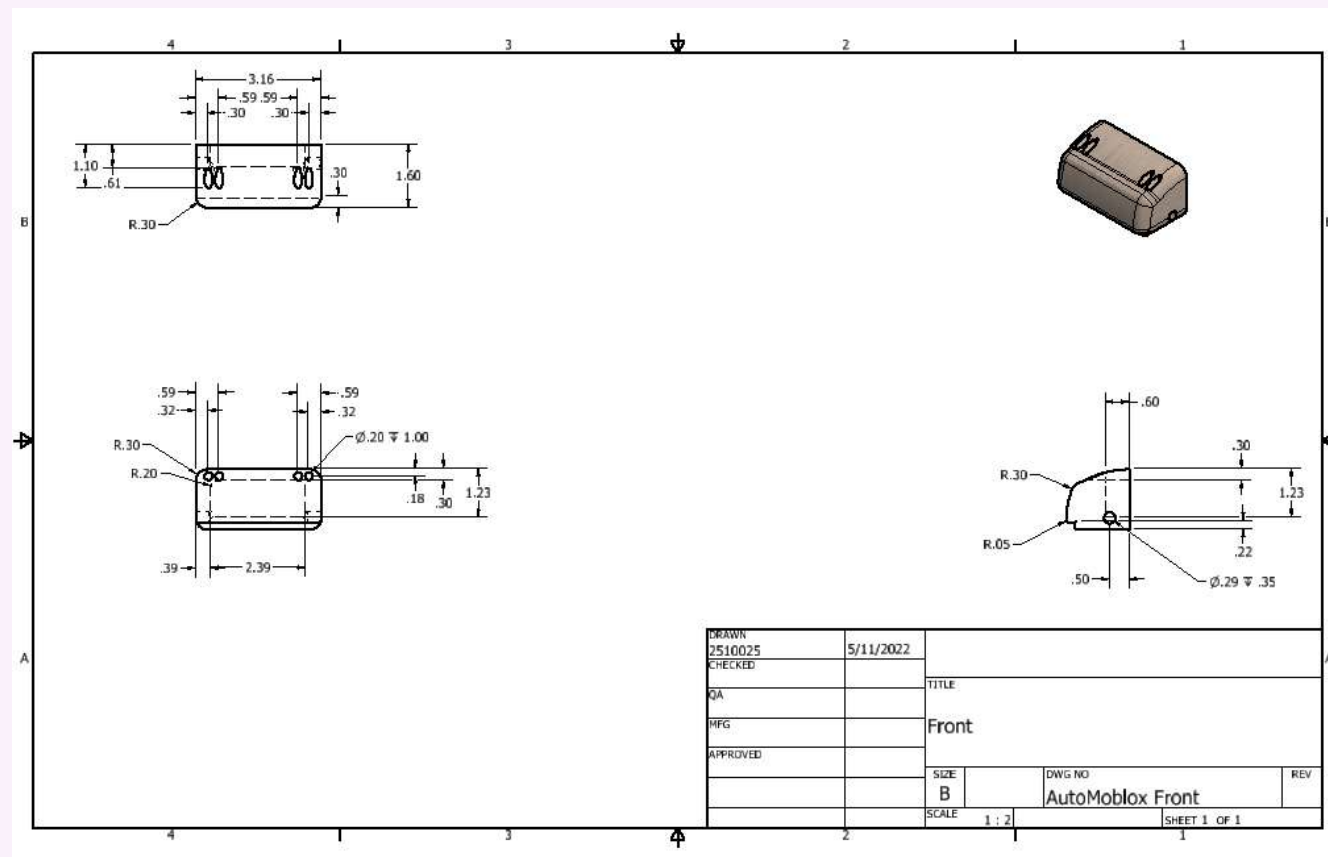
Client	Blackstone Valley Tech
Target Consumer	Engineering Programs
Designer(s)	Om Patel
Problem Statement	The customer needs a model of the Automoblox T-9 Car so they can reproduce each part due to its cost.
Design Statement	I will create an Automoblox T-9 Car with precision and accuracy with dimensioned drawings so the client can make their own car at a lower price.
Criteria	<ol style="list-style-type: none"><li>1. Car parts have to connect.</li><li>2. Car has to be proportionate.</li></ol>
Constraints	<ol style="list-style-type: none"><li>1. The car cannot be bigger nor smaller than the actual Automoblox T-9 Car.</li><li>2. The car must have corresponding parts.</li></ol>



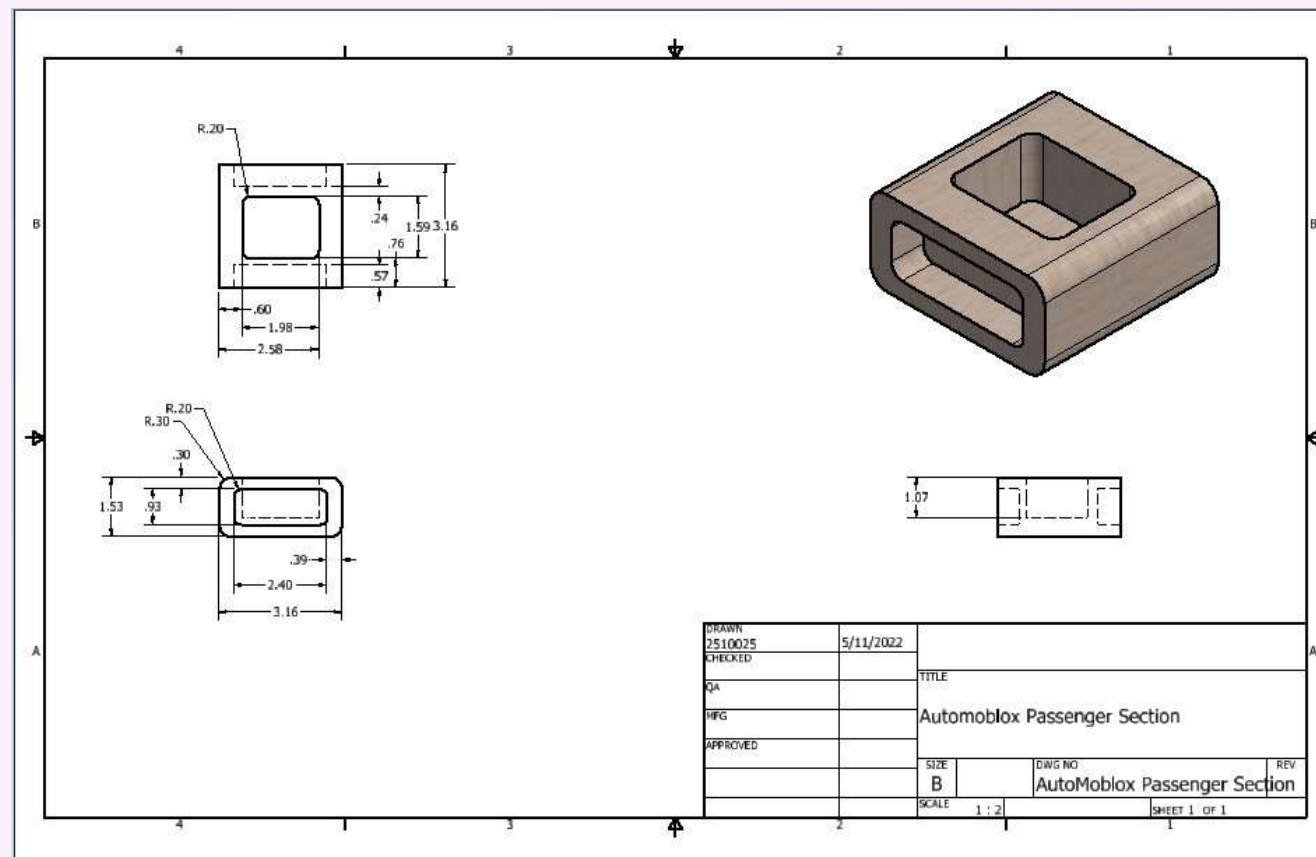
# Exploded View



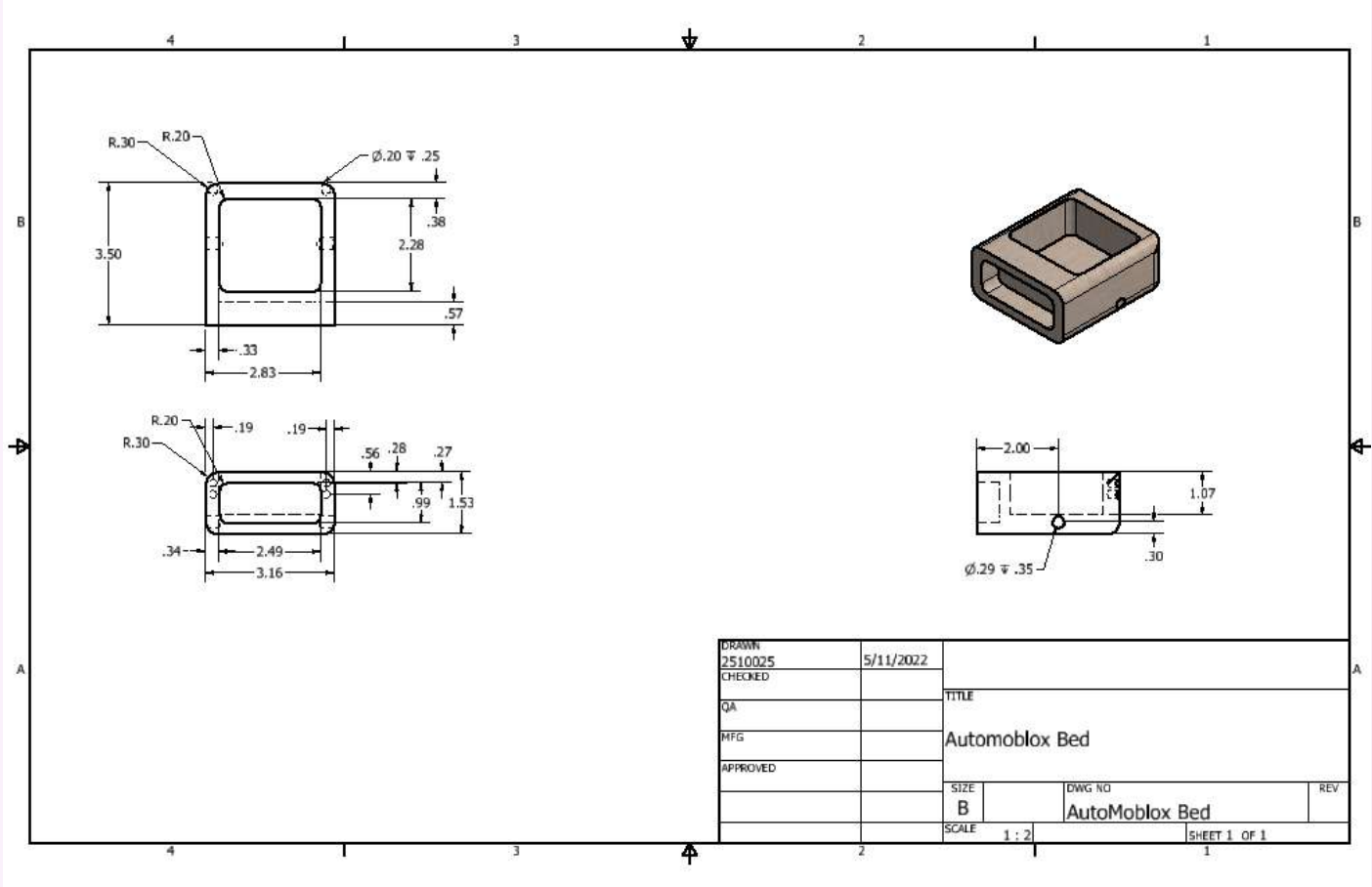
# Front End Section



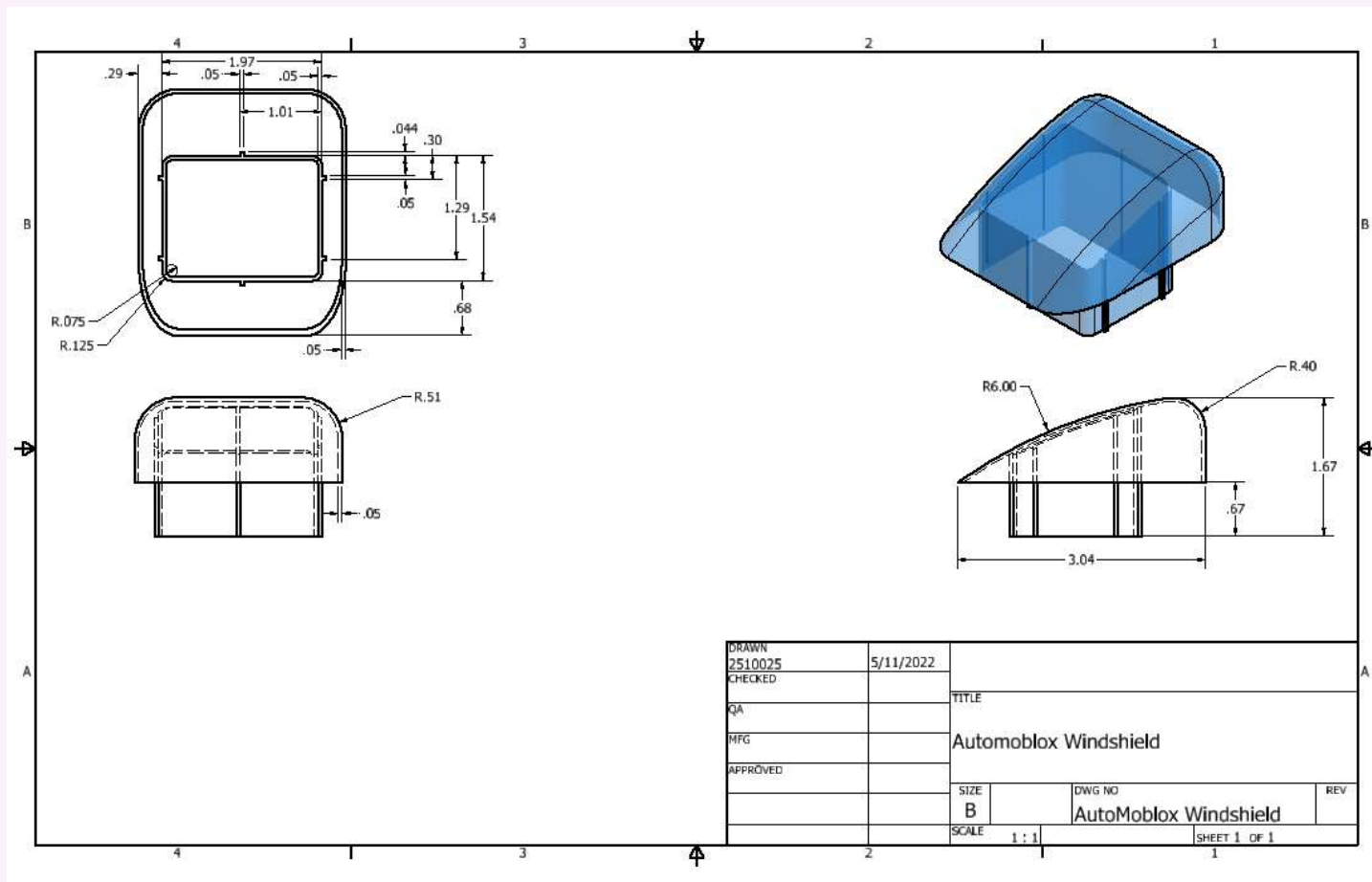
# Passenger Section



# Bed Section

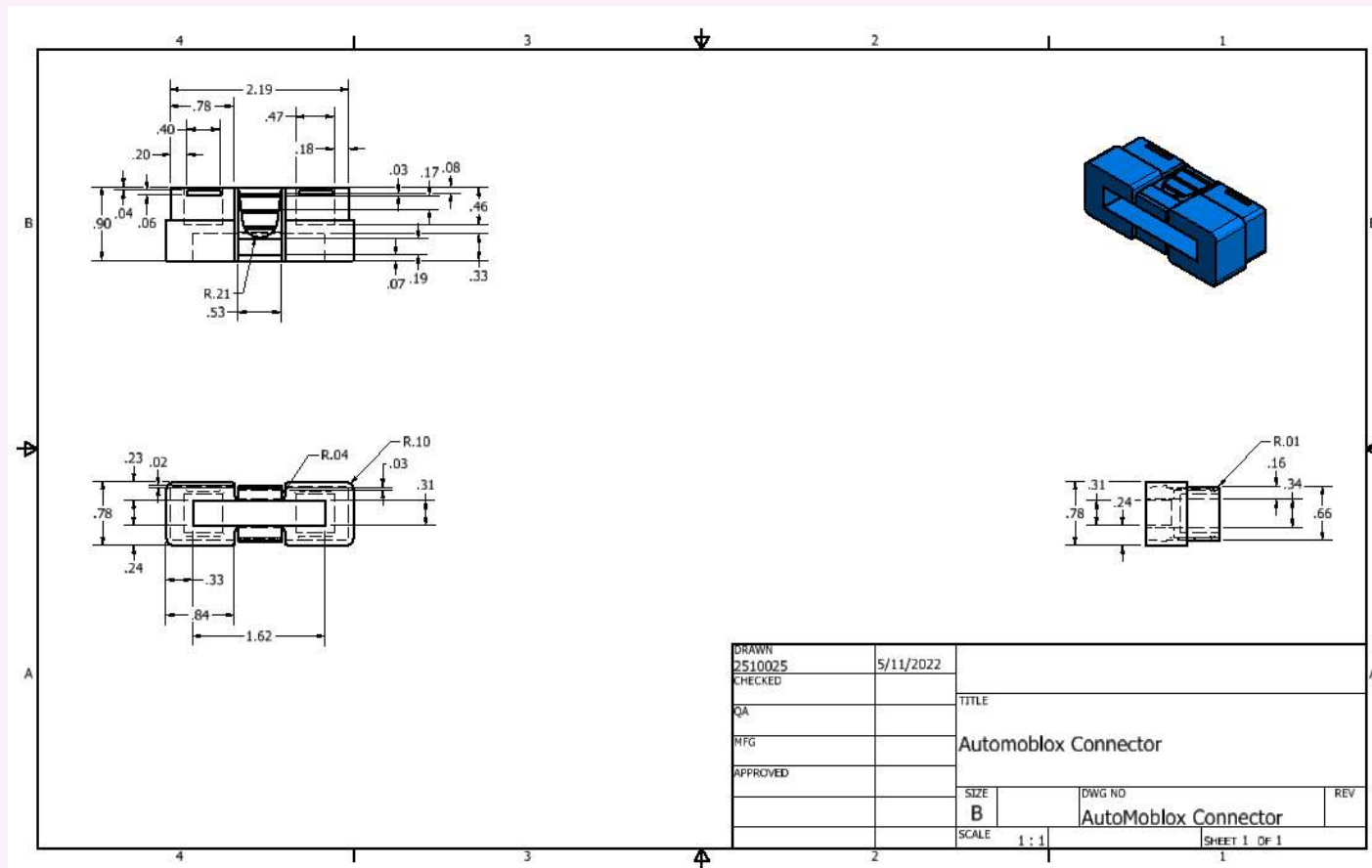


# Windshield

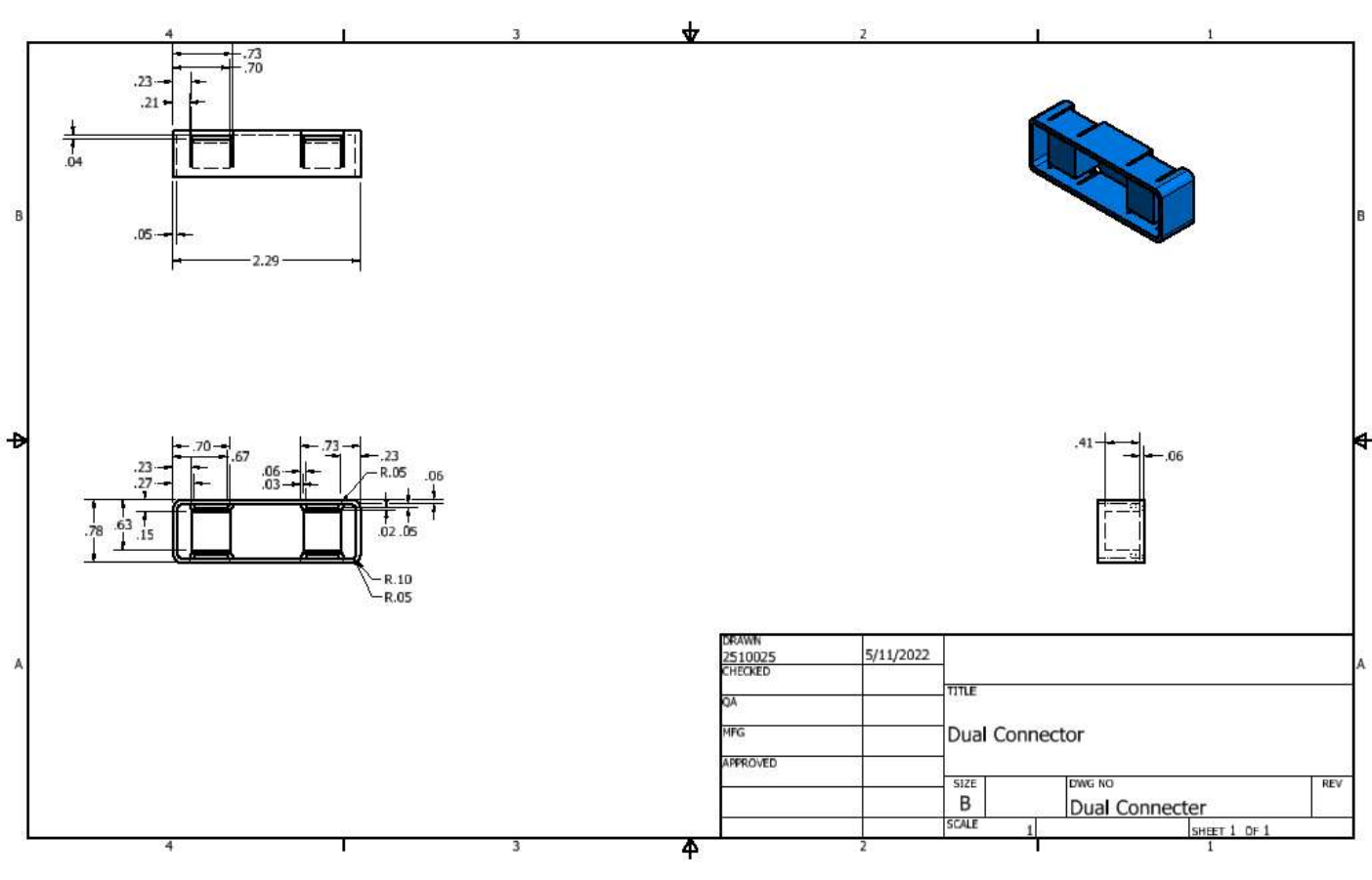




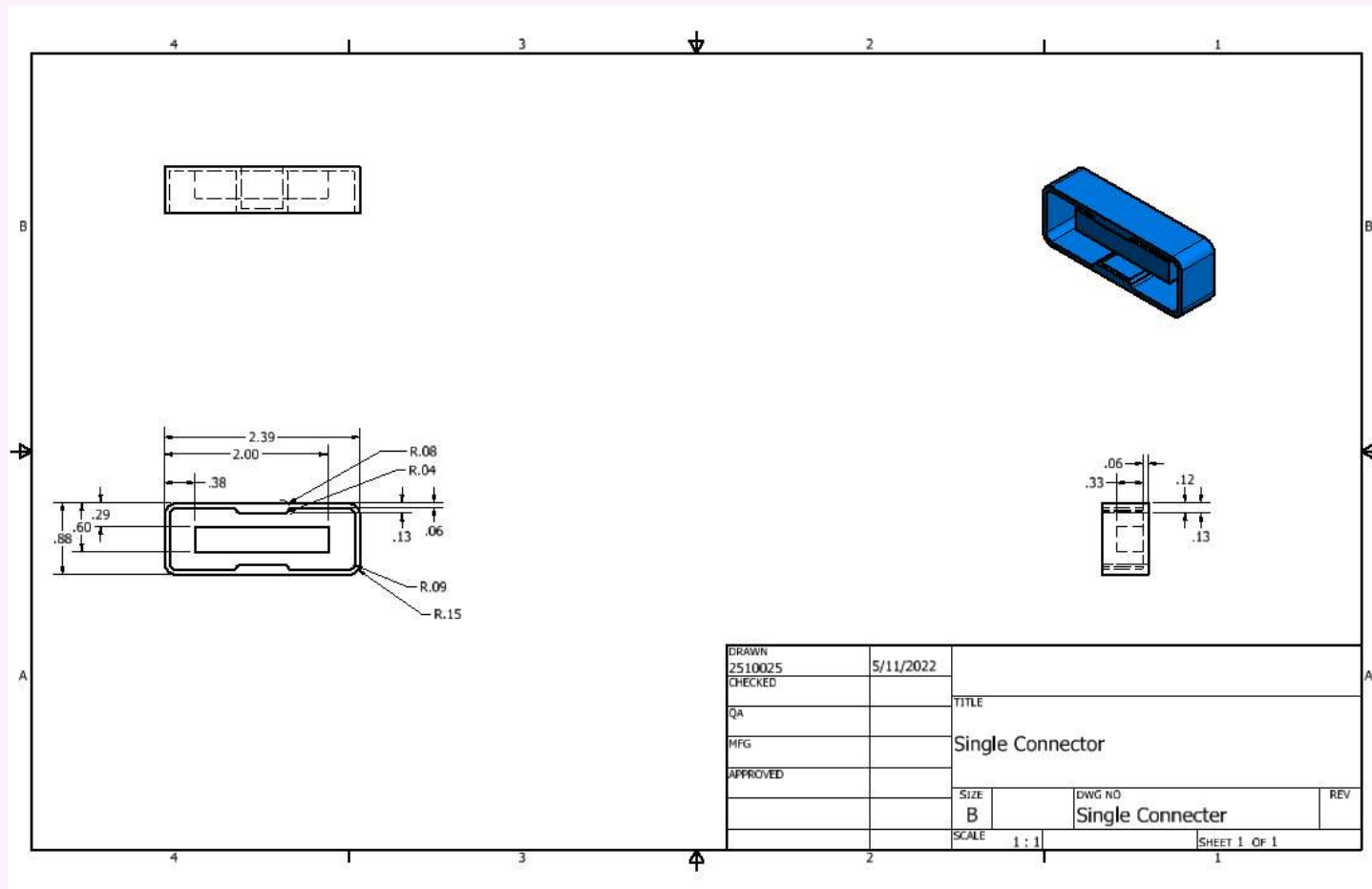
# Removable Connector



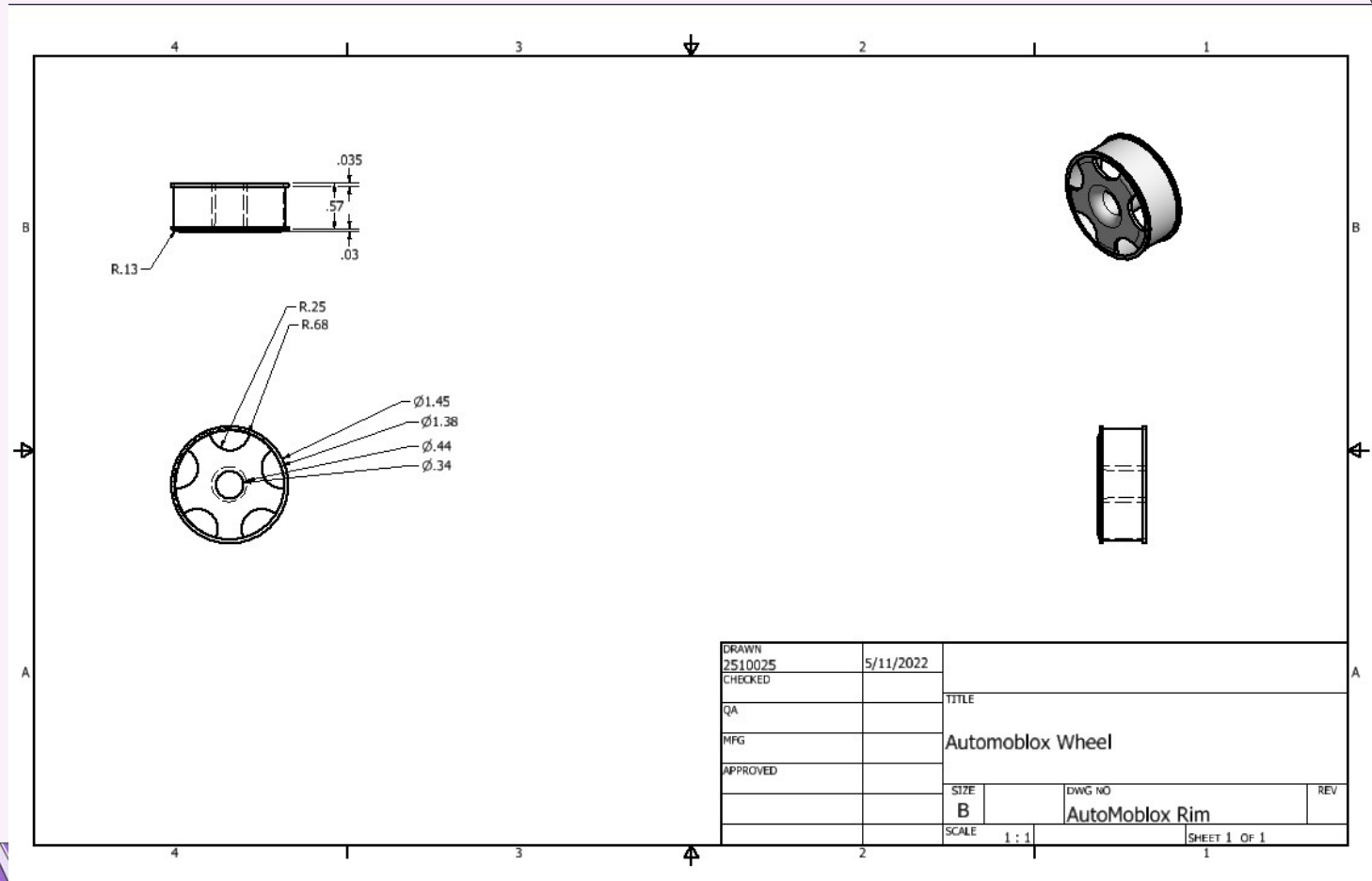
# Double Socket Connector



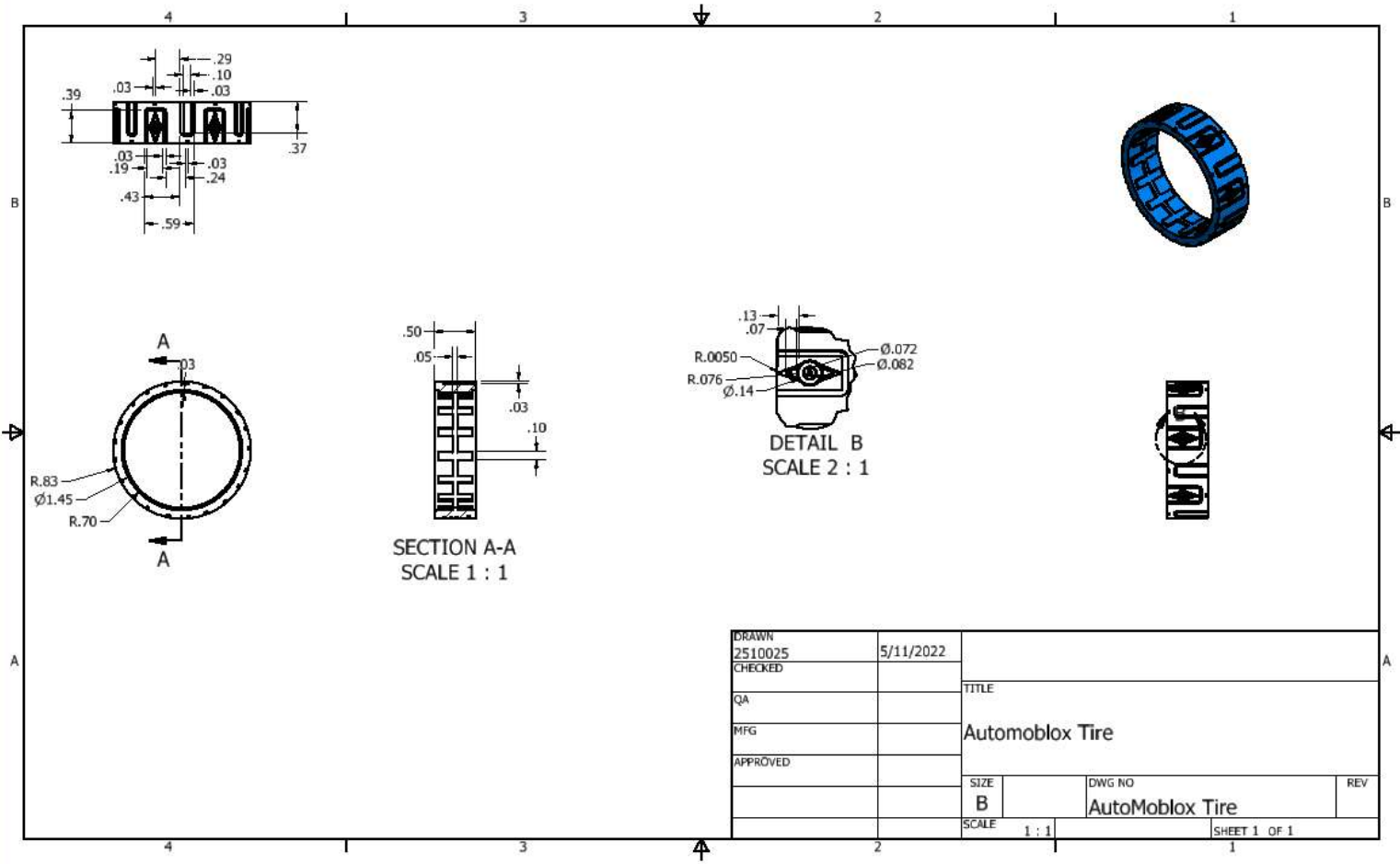
# Single Socket Connector



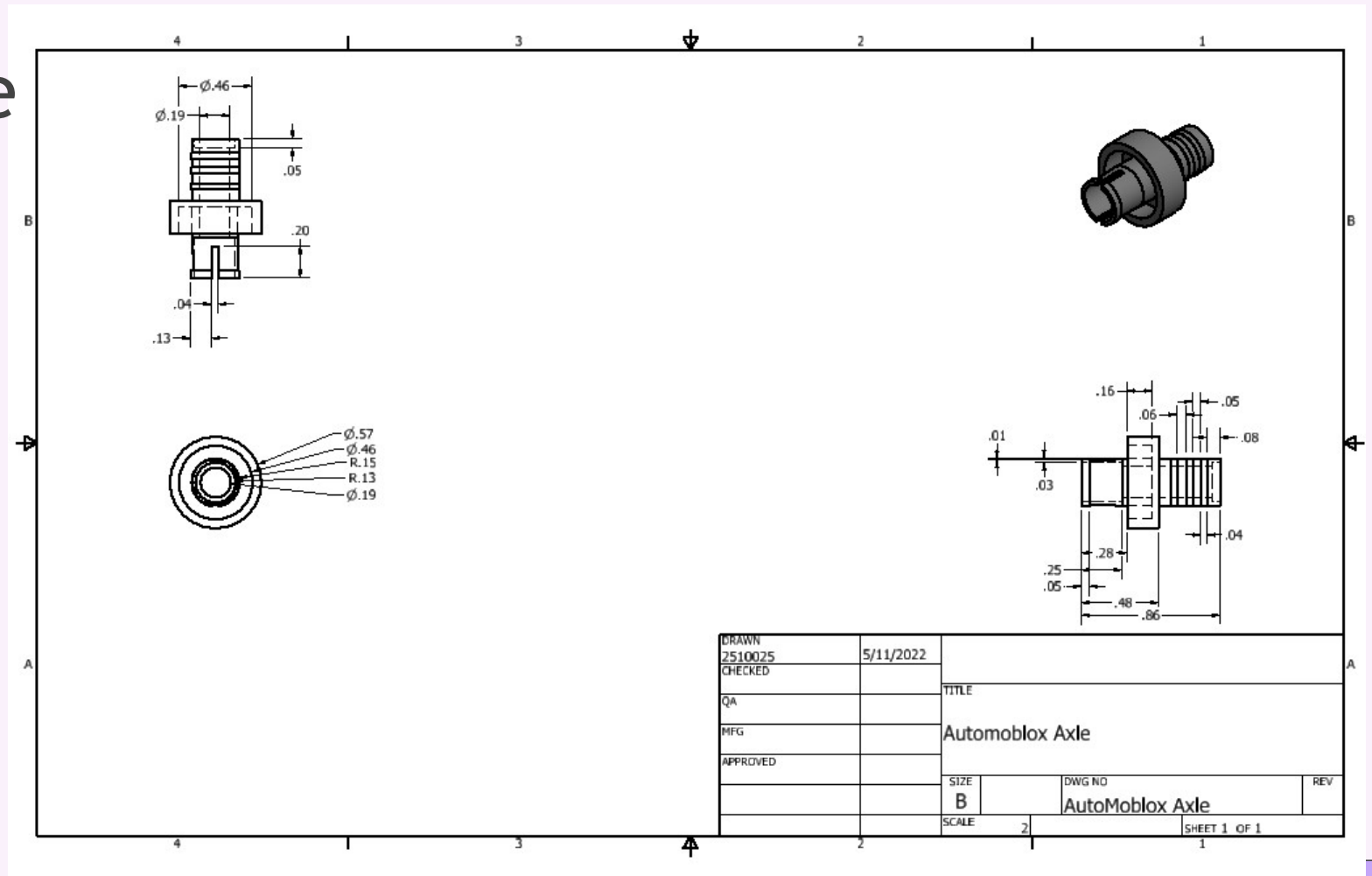
# Wheel



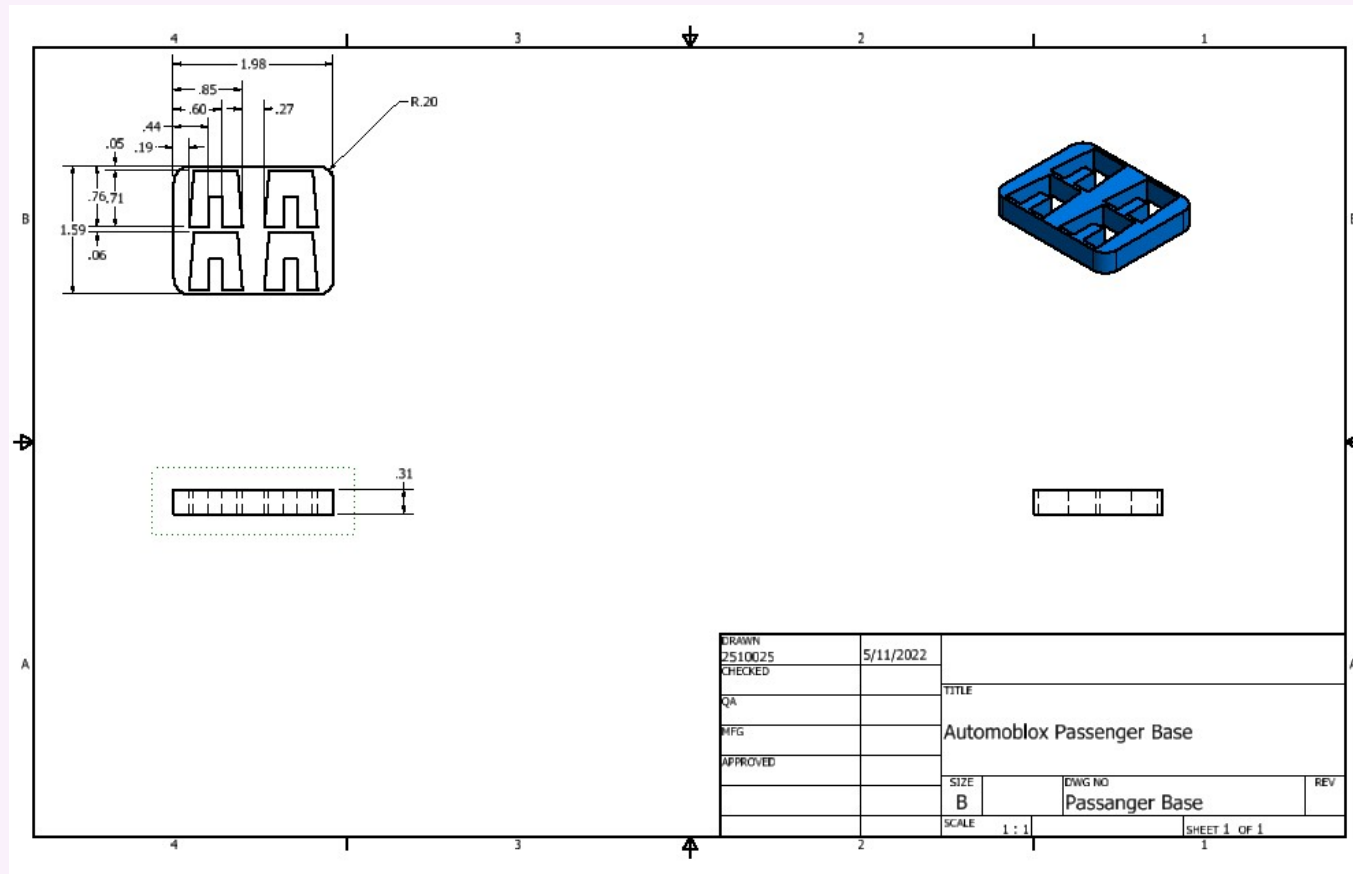
# Tire



# Axle



# Passenger Base Insert



# Time Log

TASK & DESCRIPTION									RELATED	SHOP	OTHER
Automoblox Project Portfolio - Front									0.50		
Automoblox Project Portfolio - Removable Connector									1.50		
Automoblox Project Portfolio - Single Connector									1.00		
Automoblox Project Portfolio - Dual Connector									0.75		
Automoblox Project Portfolio - Bed Block									0.25		
Automoblox Project Portfolio - Passenger Block									0.25		
Automoblox Project Portfolio - Windsheild									0.50		
Automoblox Project Portfolio - Passenger Base									0.25		
Automoblox Project Portfolio - Axle									0.50		
Automoblox Project Portfolio - Rim									0.50		
Automoblox Project Portfolio - Tire									1.00		
SUBTOTALS									7.00	0.00	0.00
TOTAL									7.00		