



## Ireland National Finals

Engineering Portfolio

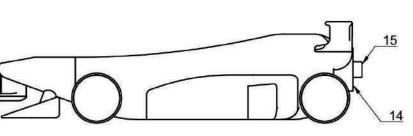


## TECH DRAWINGS





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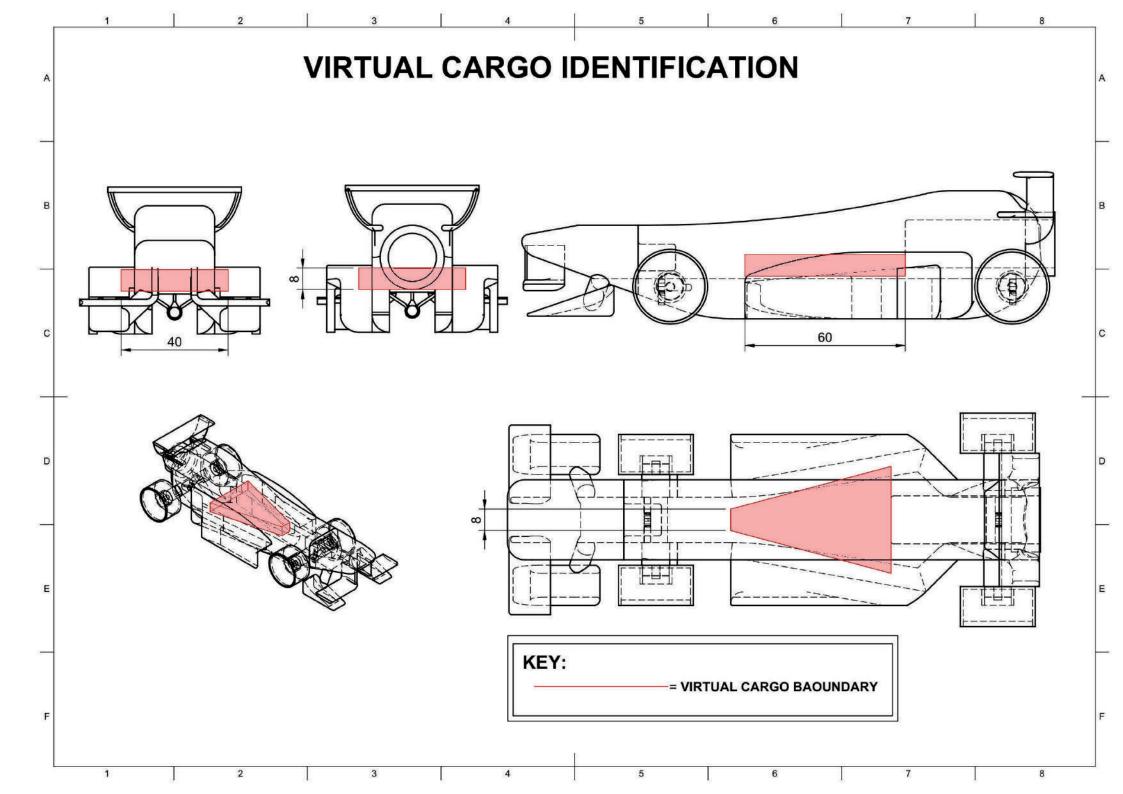
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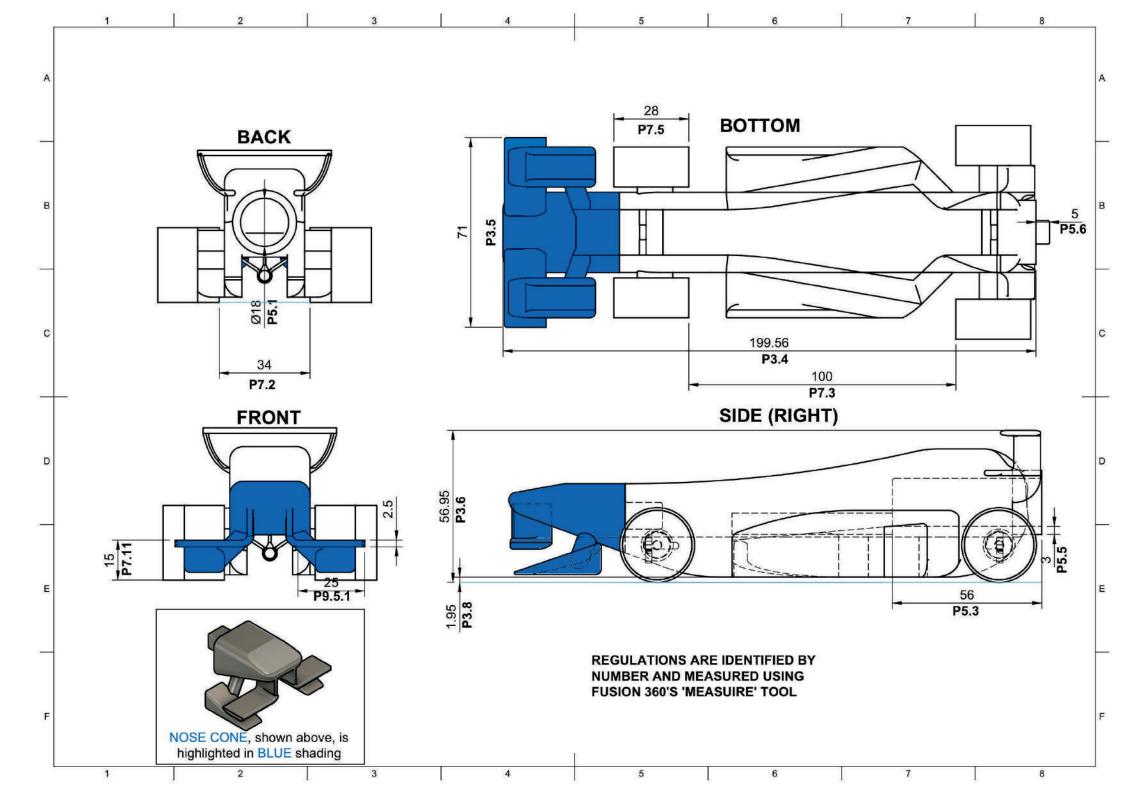
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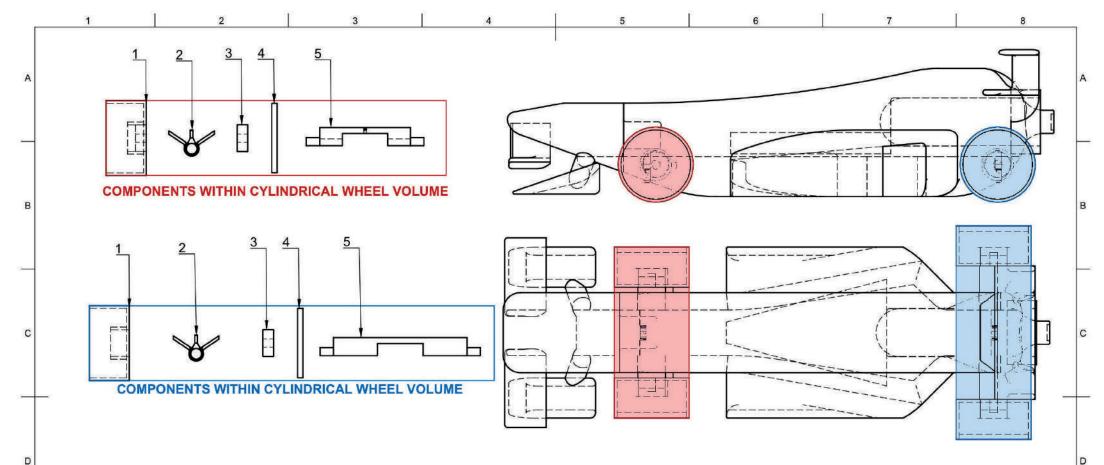
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	Component Identification			
1	A body encompassing virtual cargo			
2	Nose cone			
3	Front wing			
4	Front wing support stricture			
5	Front wheel support system			
6	Rear wheel support system			
7	Front tether line guide			
8	Rear tether line guide			
9	Rear wing			
10	Rear wing support structure			
11	Rear wheel Front wheel guard Front wheel guard support structure			
12				
13				
14 Compressed air cartridge cham machiuned froma a single peice Model Block Material				
15	Compressed air cartridge			
16	Front wheel			







## ITEMS RELATED TO FRONT WHEEL STRUCTURES SHOWN IN RED ITEMS RELATED TO REAR WHEEL STRUCTURES SHOWN IN BLUE

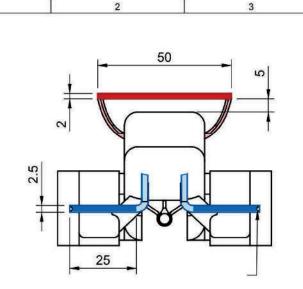
ITEM NUMBER	PART	MATERIAL	QTY.
1	FRONT WHEEL	PLA	2
2	TETHER LING GUIDE	PLA	1
3	BEARING	Zr02	2
4	WHEEL COVER	PLA	2
5	FRONT ALXE	PLA	1

ITEM NUMBER	PART	MATERIAL	QTY.
	REAR WHEEL	PLA	2
2	TETHER LINE GUIDE	PLA	1
3	BEARING	Zr02	2
4	WHEEL COVER	PLA	2
5	REAR AXLE	PLA	1

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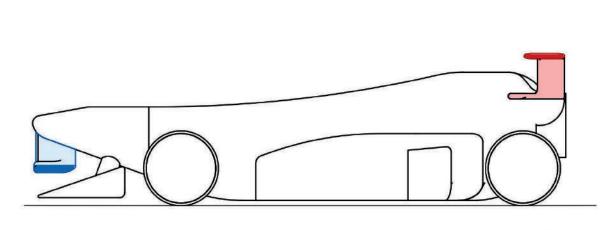
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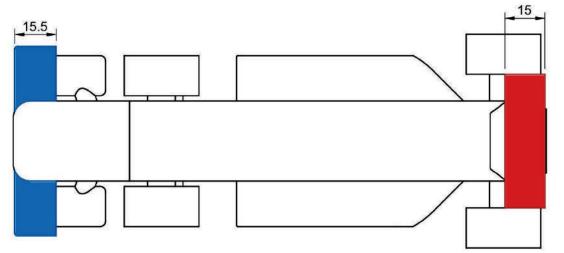
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FRONT WING STRUCTURES ARE SHADED IN SOLID BLUE, AND RELATED WING SUPPORT STRUCTURES ARE SHADED IN TRANSLUCENT BLUE. REQUIRED DIMENSIONS ARE SHOWN.

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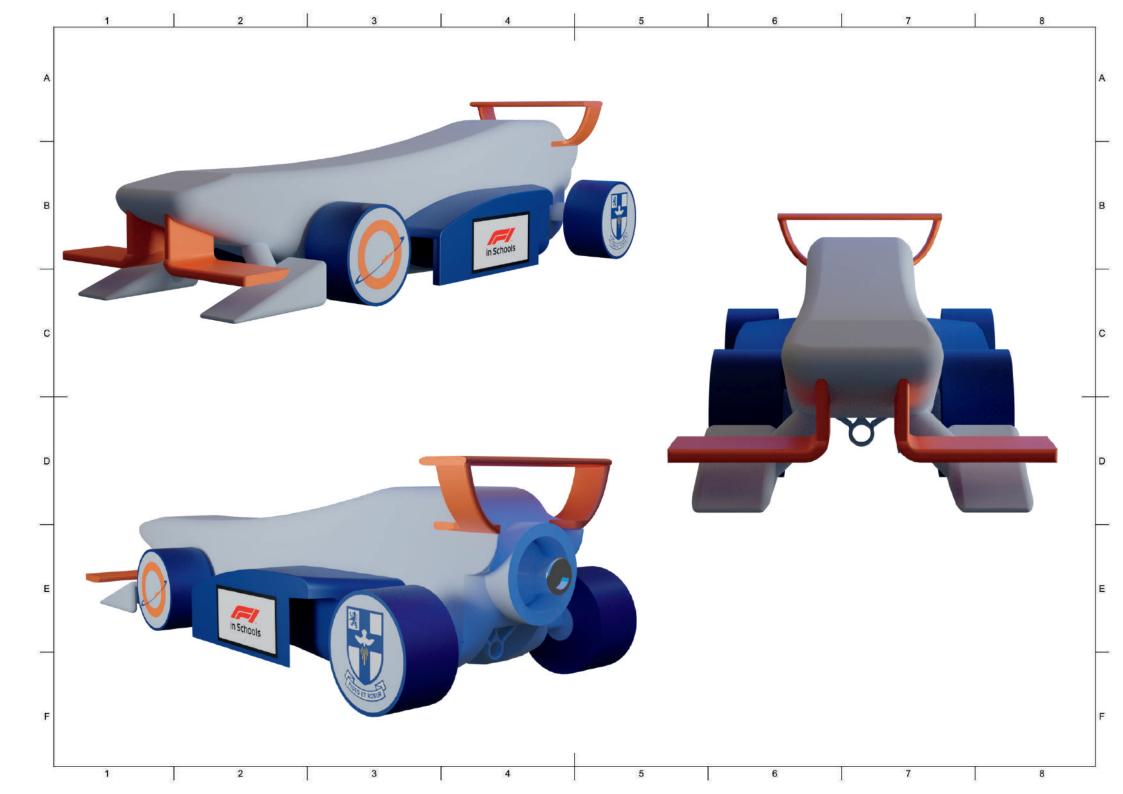
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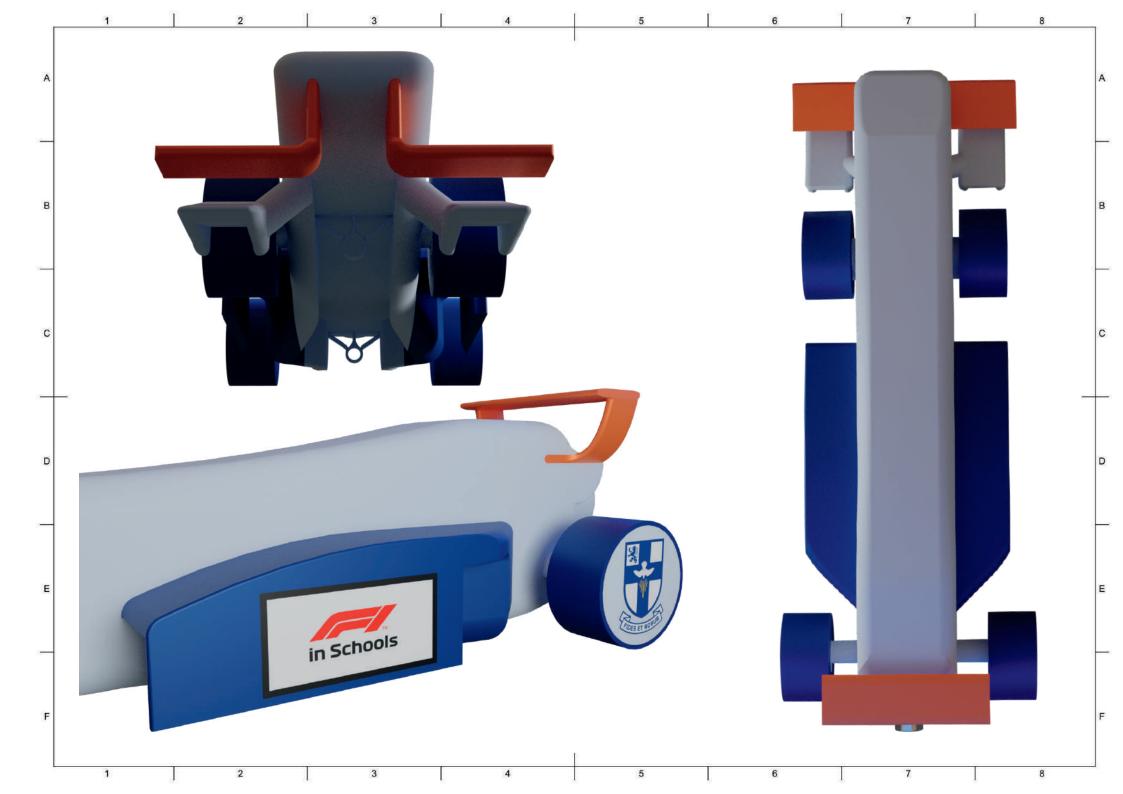
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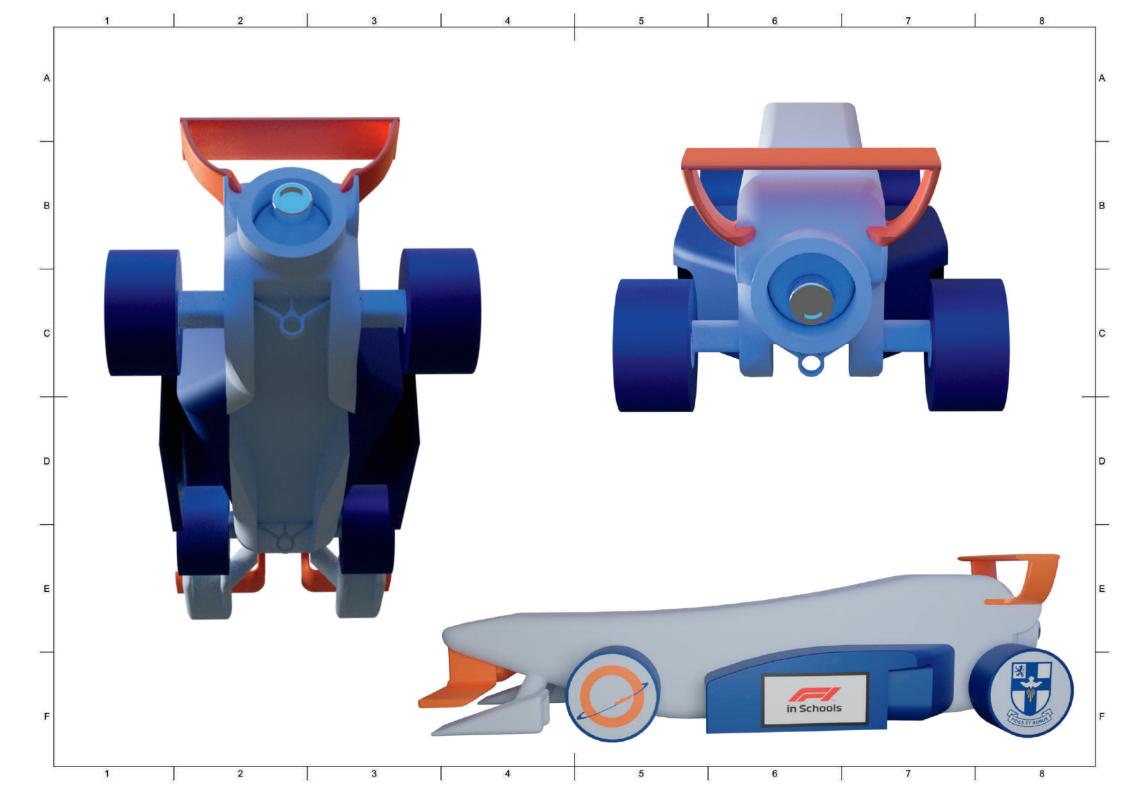
REAR WING STRUCTURES ARE SHADED IN SOLID RED, AND RELATED WING SUPPORT STRUCTURES ARE SHADED IN TRANSLUCENT RED. REQUIRED DIMENSIONS ARE SHOWN.

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