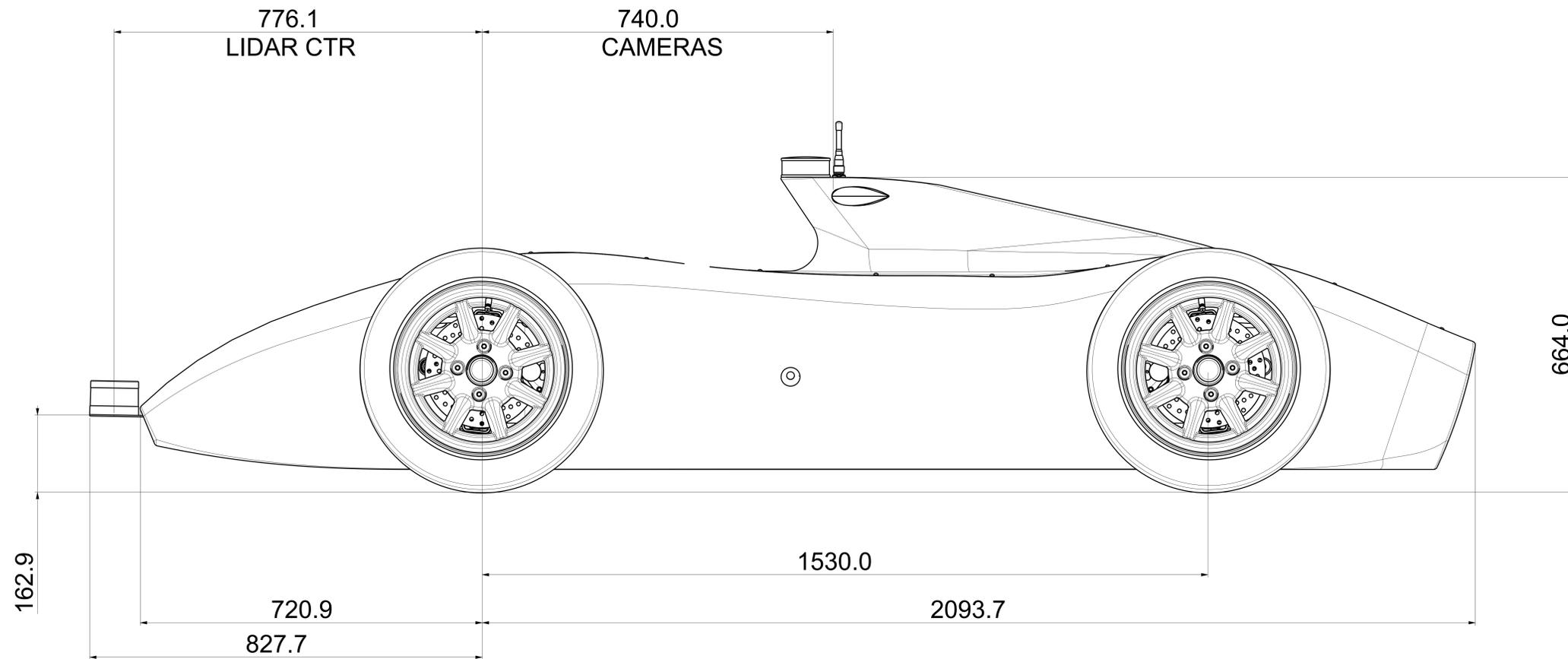


### SPECIFICATIONS

WHEELBASE :1530mm  
 FRONT TRACK :1201mm  
 REAR TRACK :1201mm  
 OVERALL WIDTH :1430mm  
 OVERALL LENGTH :2814.6mm  
 STATIC CASTER :6°  
 STATIC CAMBER :2°  
 TYRES : SAE FORMULA STUDENT AVON 7.2/20.0-13  
 DRIVEN WHEELS :4WD  
 DIFFERENTIALS :OPEN DIFF



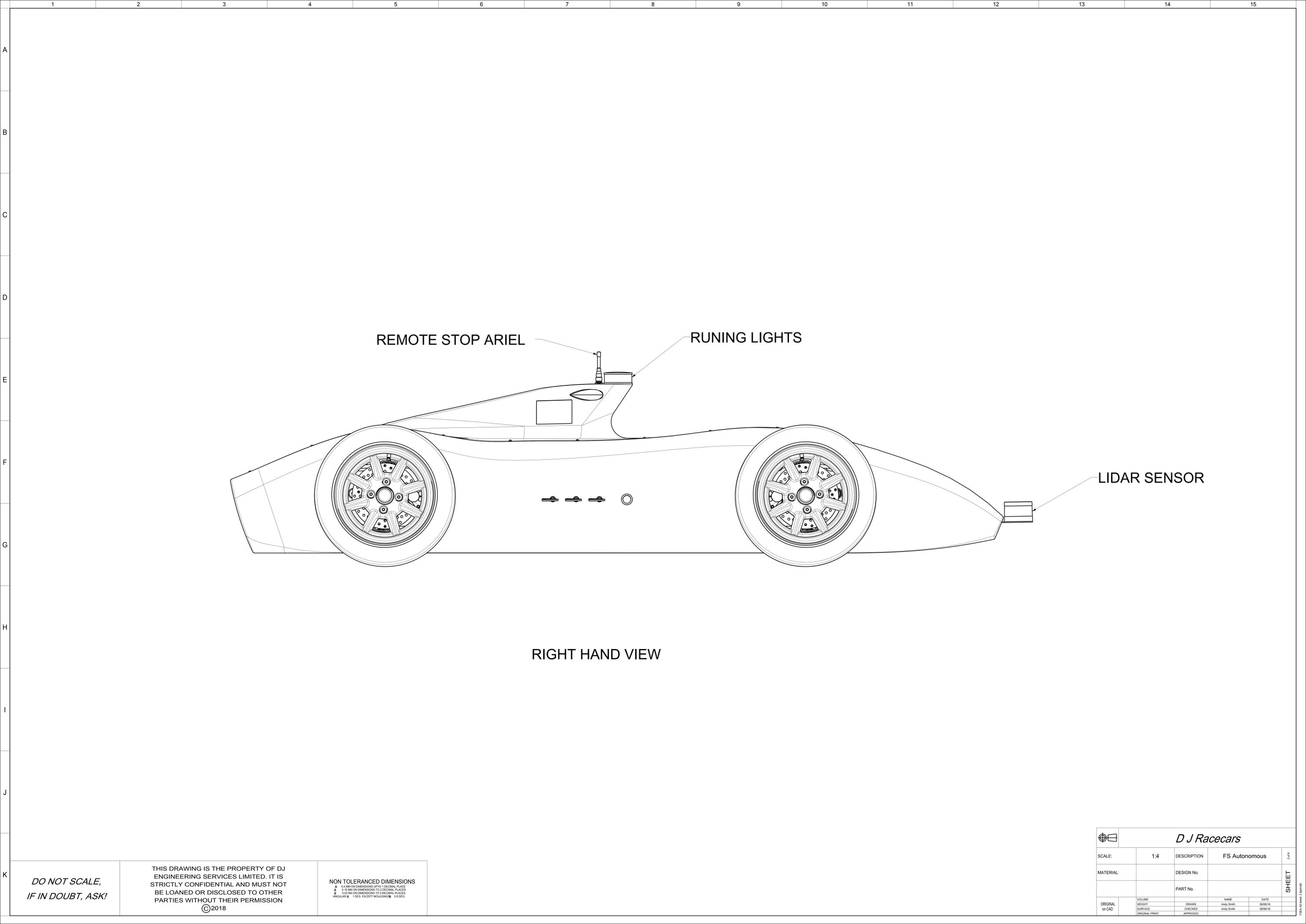
LEFT HAND VIEW

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NON TOLERANCED DIMENSIONS  
 ± 0.4 MM ON DIMENSIONS UP TO 1 DECIMAL PLACE  
 ± 0.13 MM ON DIMENSIONS TO 2 DECIMAL PLACES  
 ± 0.05 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
 ANGULAR: ± 1 DEG. EXCEPT MOULDING: ± 0.5 DEG.

D J Racecars					
SCALE:	1:4	DESCRIPTION	FS Autonomous	1 of 8	
MATERIAL:		DESIGN No.		SHEET	
		PART No.			
ORIGINAL OR CAD	VOLUME	NAME	DATE		
	WEIGHT	DRAWN	17/05/18		
	SURFACE	CHECKED	Andy Smith		
	ORIGINAL PRINT:	APPROVED	Andy Smith		



REMOTE STOP ARIEL

RUNING LIGHTS

LIDAR SENSOR

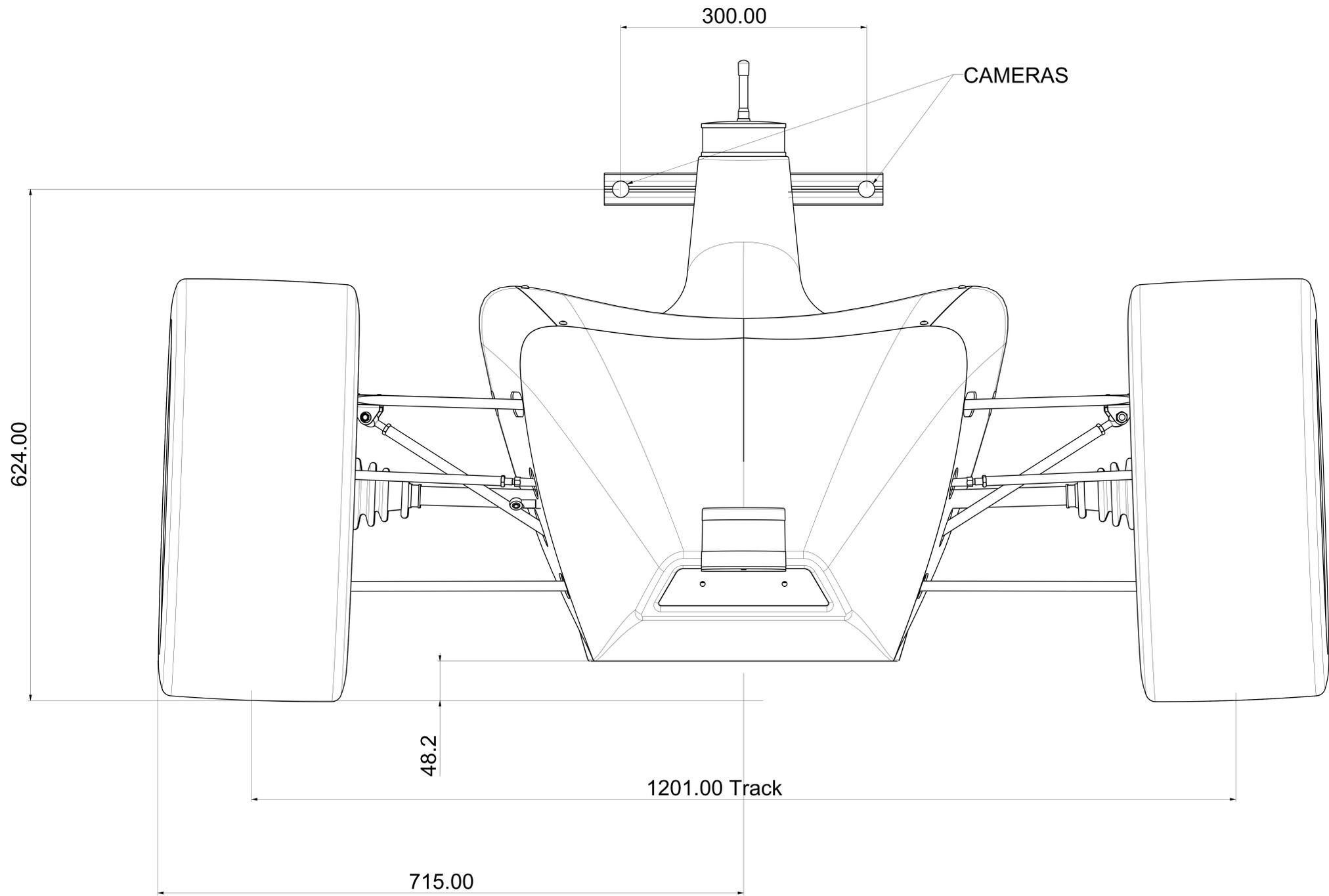
RIGHT HAND VIEW

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± 0.15 MM ON DIMENSIONS TO 2 DECIMAL PLACES  
± 0.10 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
ANGULAR: ± 1 DEG. EXCEPT MOULDING: ± 0.5 DEG.

		<i>D J Racecars</i>			
SCALE:	1:4	DESCRIPTION	FS Autonomous		SHEET 2 of 6
MATERIAL:		DESIGN No.			
		PART No.			
ORIGINAL OR CAD	VOLUME: _____ WEIGHT: _____ SURFACE: _____ ORIGINAL PRINT: _____	DRAWN: _____ CHECKED: _____ APPROVED: _____	NAME: _____ ANDY SMITH	DATE: _____ 06/06/18 09/09/18	



FRONT VIEW

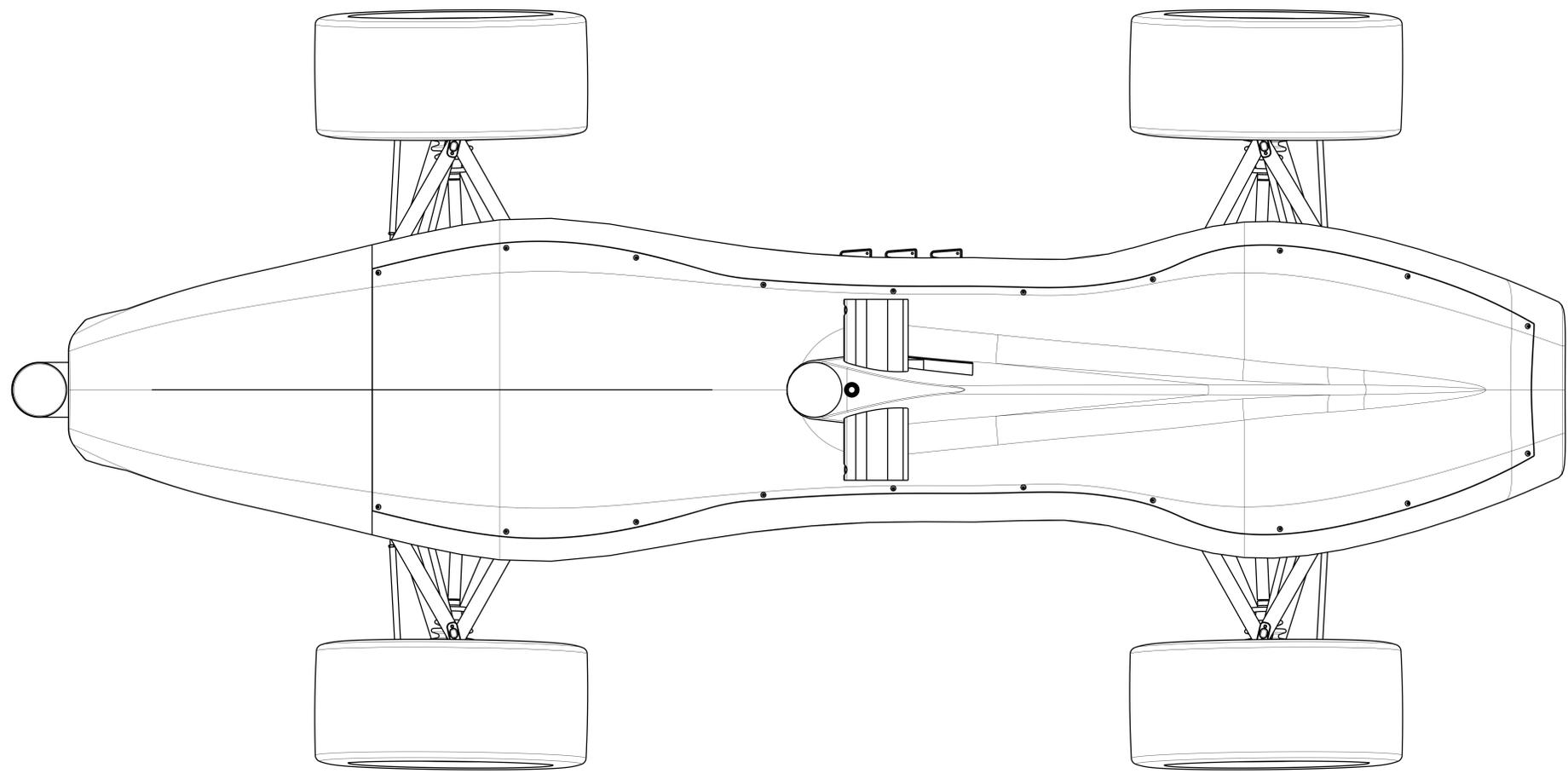
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± 0.10 MM ON DIMENSIONS TO 2 DECIMAL PLACES  
± 0.05 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
ANGULAR: ± 1 DEG. EXCEPT MOLDING: ± 0.5 DEG.

D J Racecars					
SCALE:	1:2	DESCRIPTION	FS Autonomous	3/1/18	
MATERIAL:		DESIGN No.		SHEET	
		PART No.			
ORIGINAL OR CAD	VOLUME	NAME	DATE		
	WEIGHT	DRAWN	06/06/18		
	SURFACE	CHECKED	Andy Smith		
	ORIGINAL PRINT:	APPROVED	09/09/18		

FS&A/01/0002/3/0000



PLAN VIEW

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± 0.05 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
ANGULAR: ± 1 DEG. EXCEPT MOULDING: ± 0.5 DEG.

		<b>D J Racecars</b>			
		SCALE: 1:4	DESCRIPTION: FS Autonomous	SHEET 1 of 6	
MATERIAL:		DESIGN No.	PART No.		
ORIGINAL OR CAD	VOLUME: _____ WEIGHT: _____ SURFACE: _____ ORIGINAL PRINT: _____	DRAWN: _____ CHECKED: _____ APPROVED: _____	NAME: Andy Smith	DATE: 06/06/18	

A

B

C

D

E

F

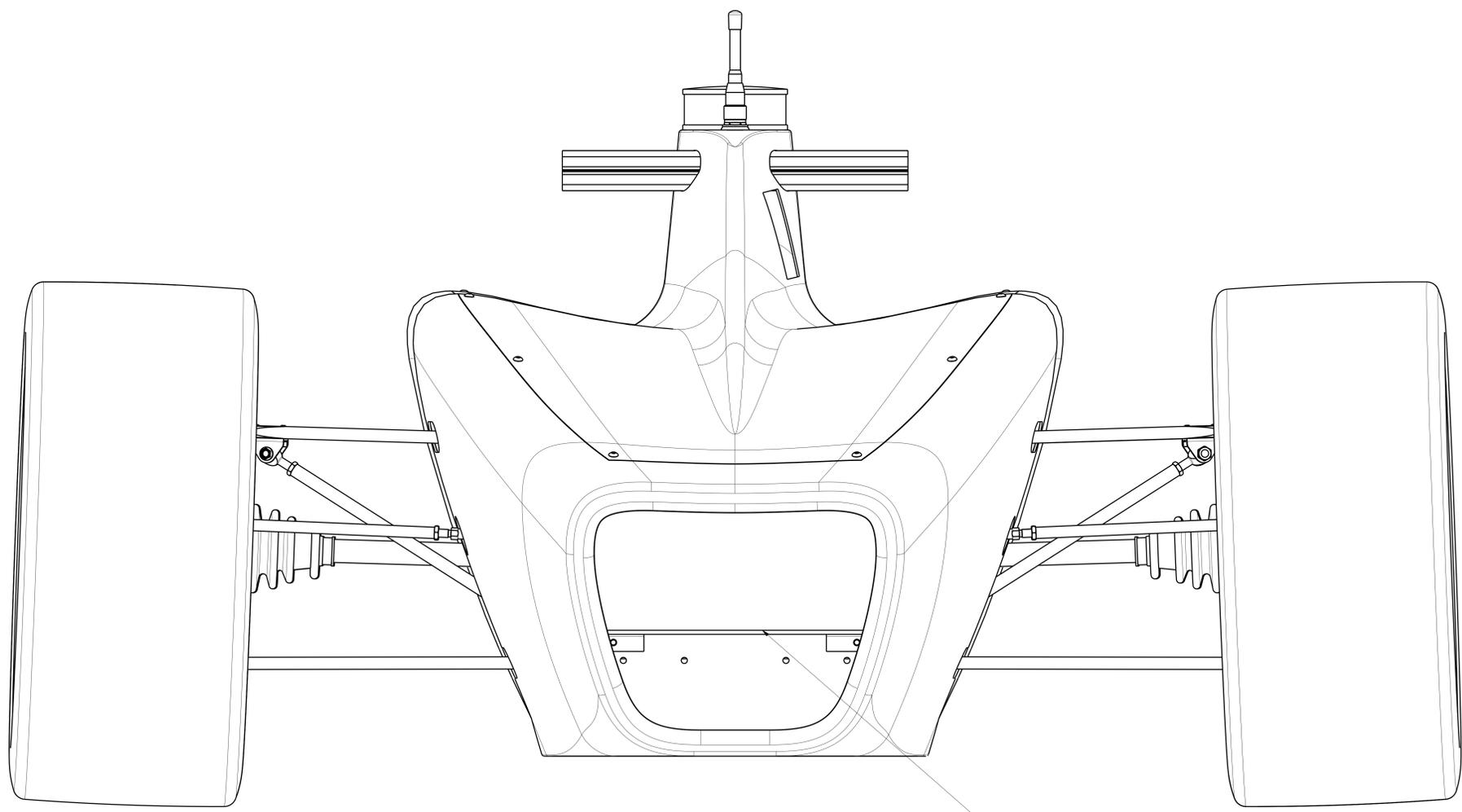
G

H

I

J

K



NVIDIA PX2

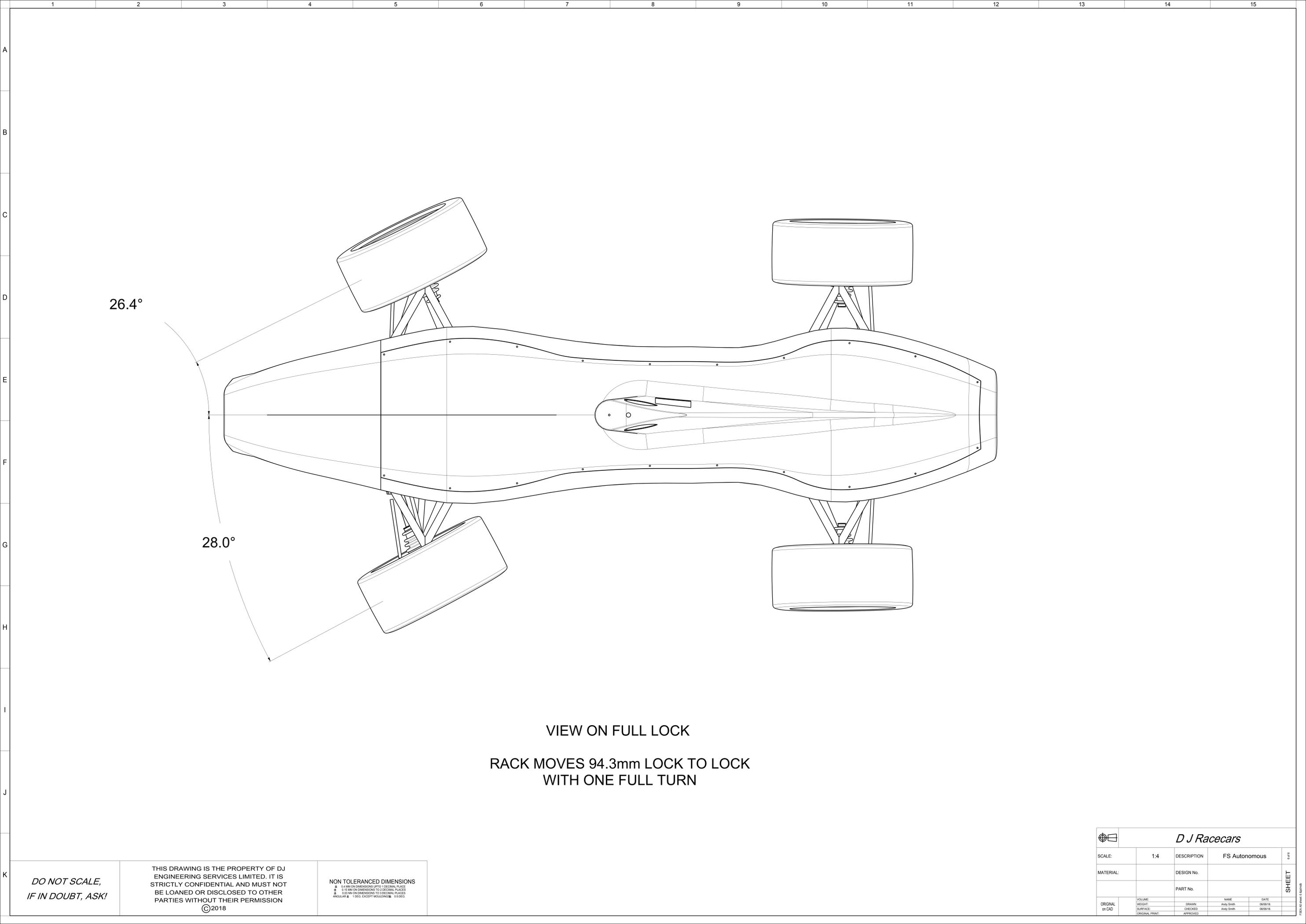
REAR VIEW

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± 0.15 MM ON DIMENSIONS TO 2 DECIMAL PLACES  
± 0.05 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
ANGULAR: ± 1 DEG. EXCEPT MOULDING: ± 0.5 DEG.

		<b>D J Racecars</b>			
SCALE:	1:2	DESCRIPTION	FS Autonomous		5 of 6
MATERIAL:		DESIGN No.			<b>SHEET</b>
		PART No.			
ORIGINAL OR CAD	VOLUME: _____ WEIGHT: _____ SURFACE: _____ ORIGINAL PRINT: _____	DRAWN: _____ CHECKED: _____ APPROVED: _____	NAME: _____ Andy Smith	DATE: _____ 06/06/18 09/09/18	



26.4°

28.0°

VIEW ON FULL LOCK  
 RACK MOVES 94.3mm LOCK TO LOCK  
 WITH ONE FULL TURN

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 ± 0.4 MM ON DIMENSIONS UP TO 1 DECIMAL PLACE  
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 ± 0.05 MM ON DIMENSIONS TO 3 DECIMAL PLACES  
 ANGULAR: ± 1 DEG. EXCEPT MOULDING: ± 0.5 DEG.

		<i>D J Racecars</i>			
SCALE:	1:4	DESCRIPTION	FS Autonomous		SHEET
MATERIAL:		DESIGN No.			
		PART No.			
ORIGINAL OR CAD	VOLUME: WEIGHT: SURFACE: ORIGINAL PRINT:	DRAWN: CHECKED: APPROVED:	NAME: Andy Smith	DATE: 06/06/18 09/06/18	

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