


PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	2	NASA-20-FR-SP-01	SIDE PLATE	Aluminum 6061
2	1	NASA-20-FR-BK-01	BACK PLATE	Aluminum 6061
3	1	NASA-20-FR-FP-01	FRONT PLATE	Aluminum 6061
4	6	NASA-20-FR-TB-01	TRANSVERSE BRACE	Aluminum 6061
5	2	NASA-20-FR-OP-01	OUTBOARD PLATE	Aluminum 6061
6	12	ANSI B18.3 - No. 10 - 24 UNC - 3/8 HS HCS	Hexagon Socket Head Cap Screw	Steel, Mild



DATE:
9/7/2019

ENGINEER:
RICK SZALAY

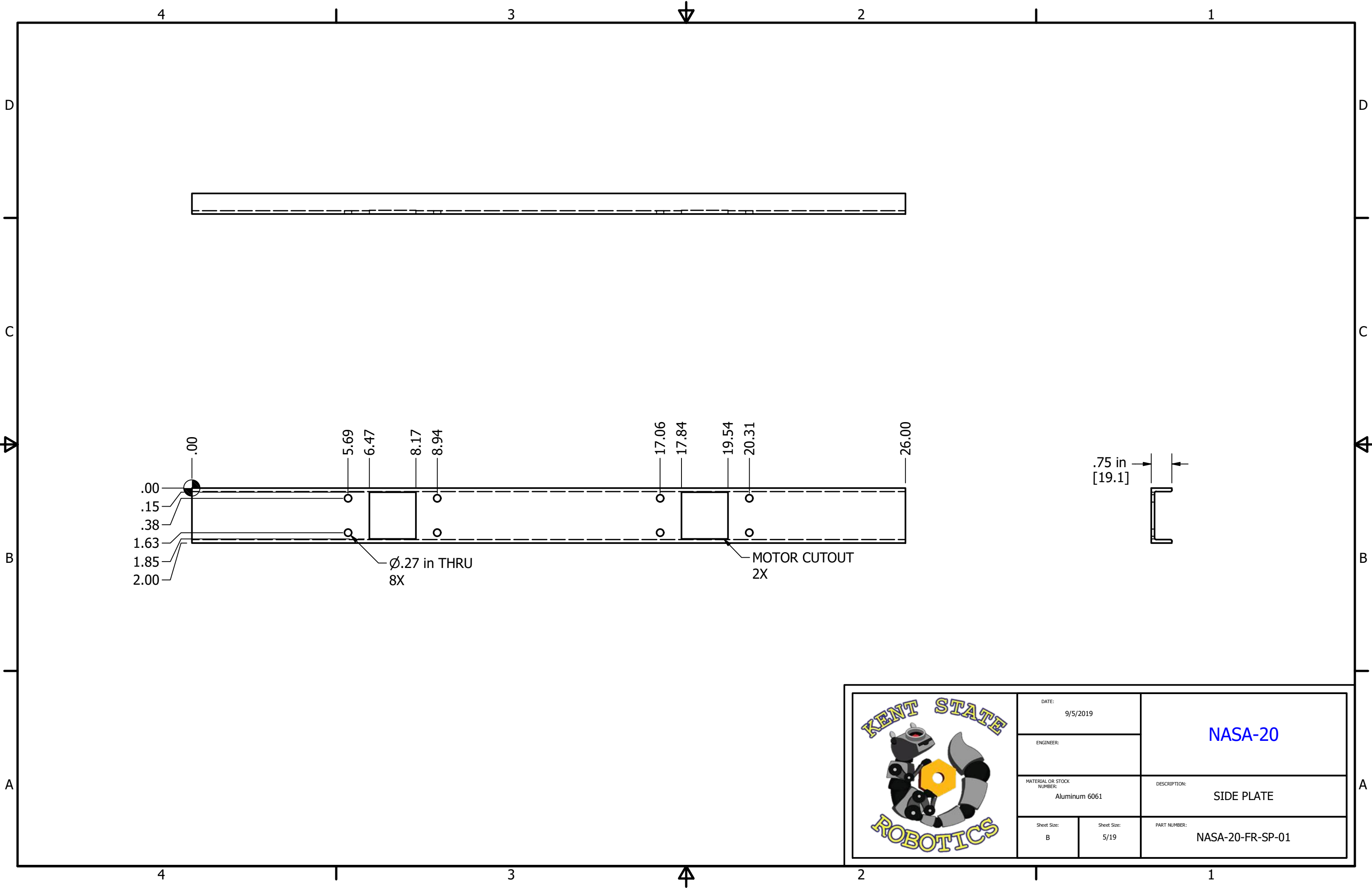
MATERIAL OR STOCK
NUMBER:
Welded Aluminum-6061


Sheet Size:
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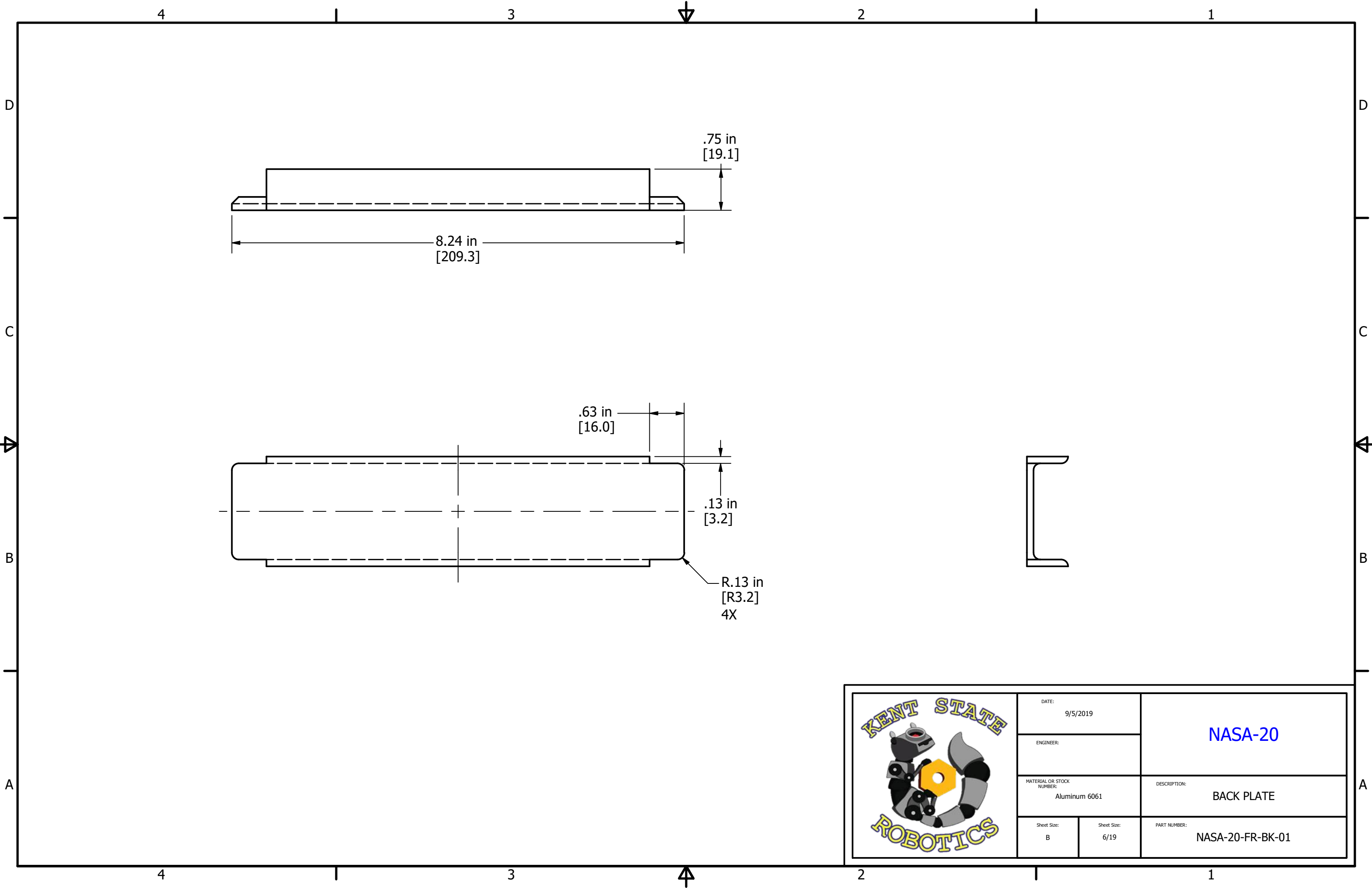
NASA-20

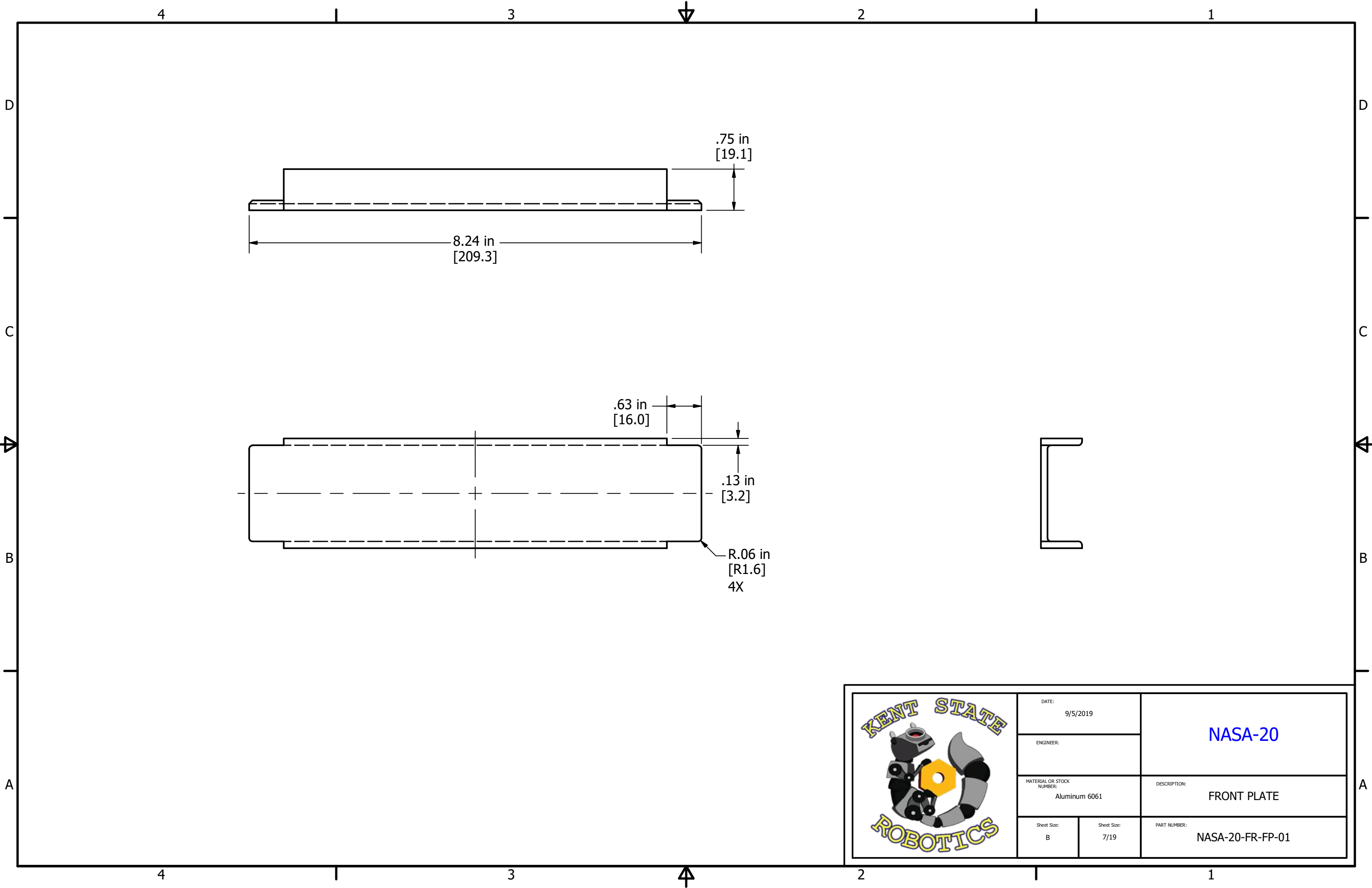
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FRAME

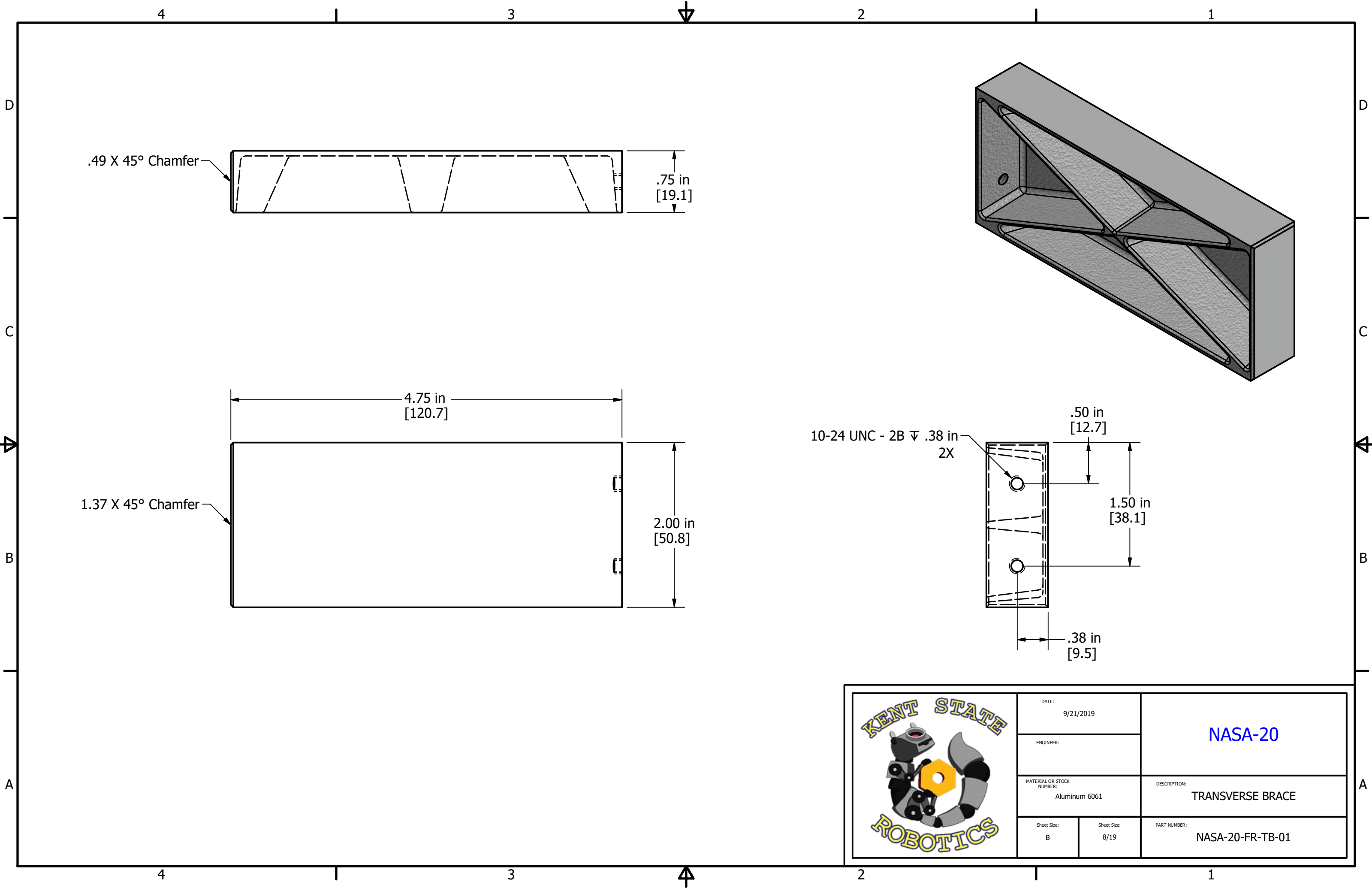
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NASA-20-FR




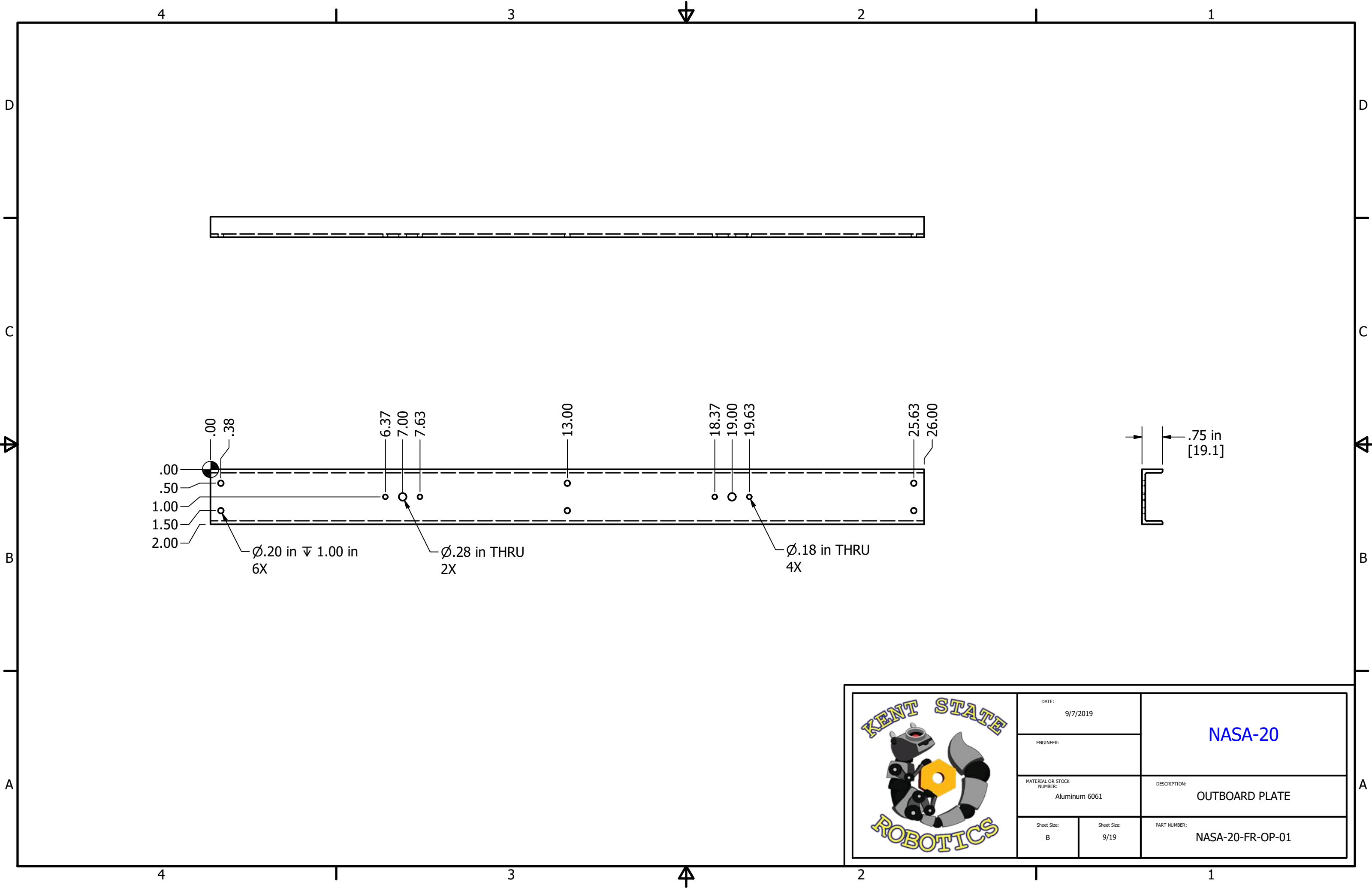
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	ENGINEER:		
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	Sheet Size: B	Sheet Size: 5/19	PART NUMBER: NASA-20-FR-SP-01




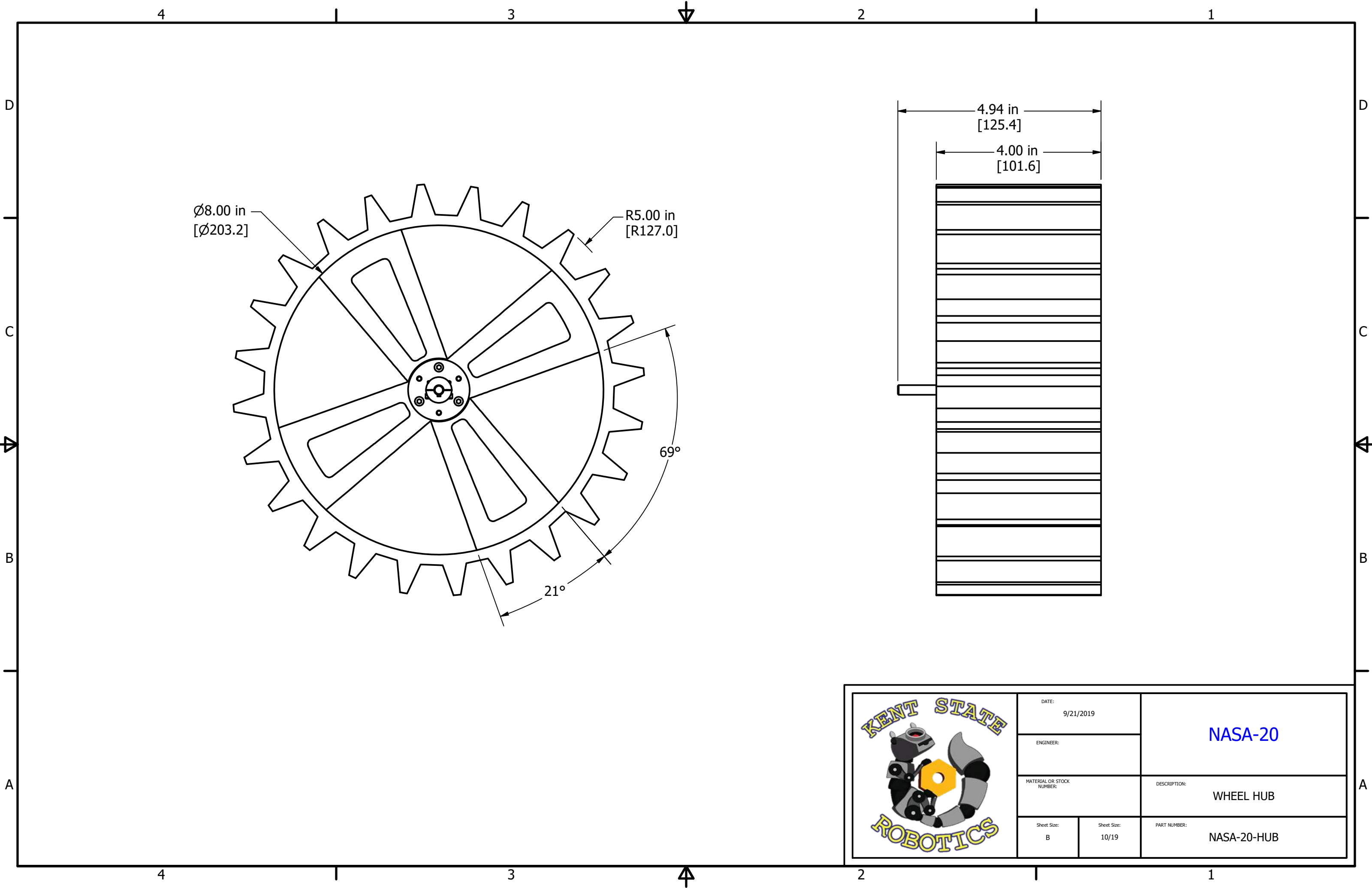





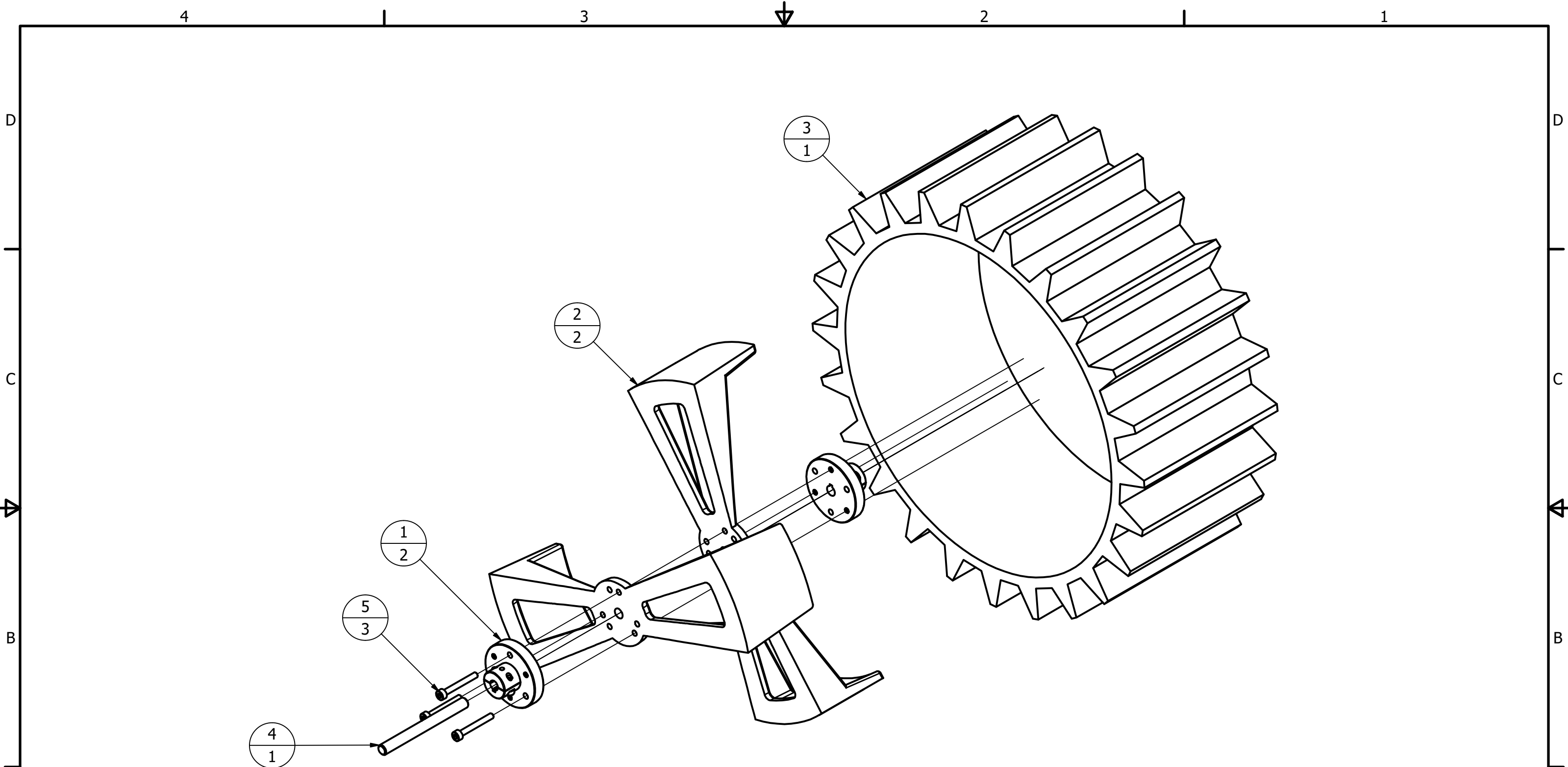
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	ENGINEER:	
MATERIAL OR STOCK NUMBER: Aluminum 6061		DESCRIPTION: TRANSVERSE BRACE
Sheet Size: B	Sheet Size: 8/19	PART NUMBER: NASA-20-FR-TB-01



	DATE: 9/7/2019	NASA-20
	ENGINEER:	
MATERIAL OR STOCK NUMBER: Aluminum 6061		DESCRIPTION: OUTBOARD PLATE
Sheet Size: B	Sheet Size: 9/19	PART NUMBER: NASA-20-FR-OP-01

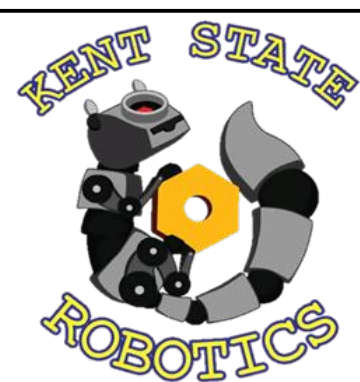


	DATE: 9/21/2019		NASA-20
	ENGINEER:		
	MATERIAL OR STOCK NUMBER:		DESCRIPTION: WHEEL HUB
	Sheet Size: B	Sheet Size: 10/19	PART NUMBER: NASA-20-HUB



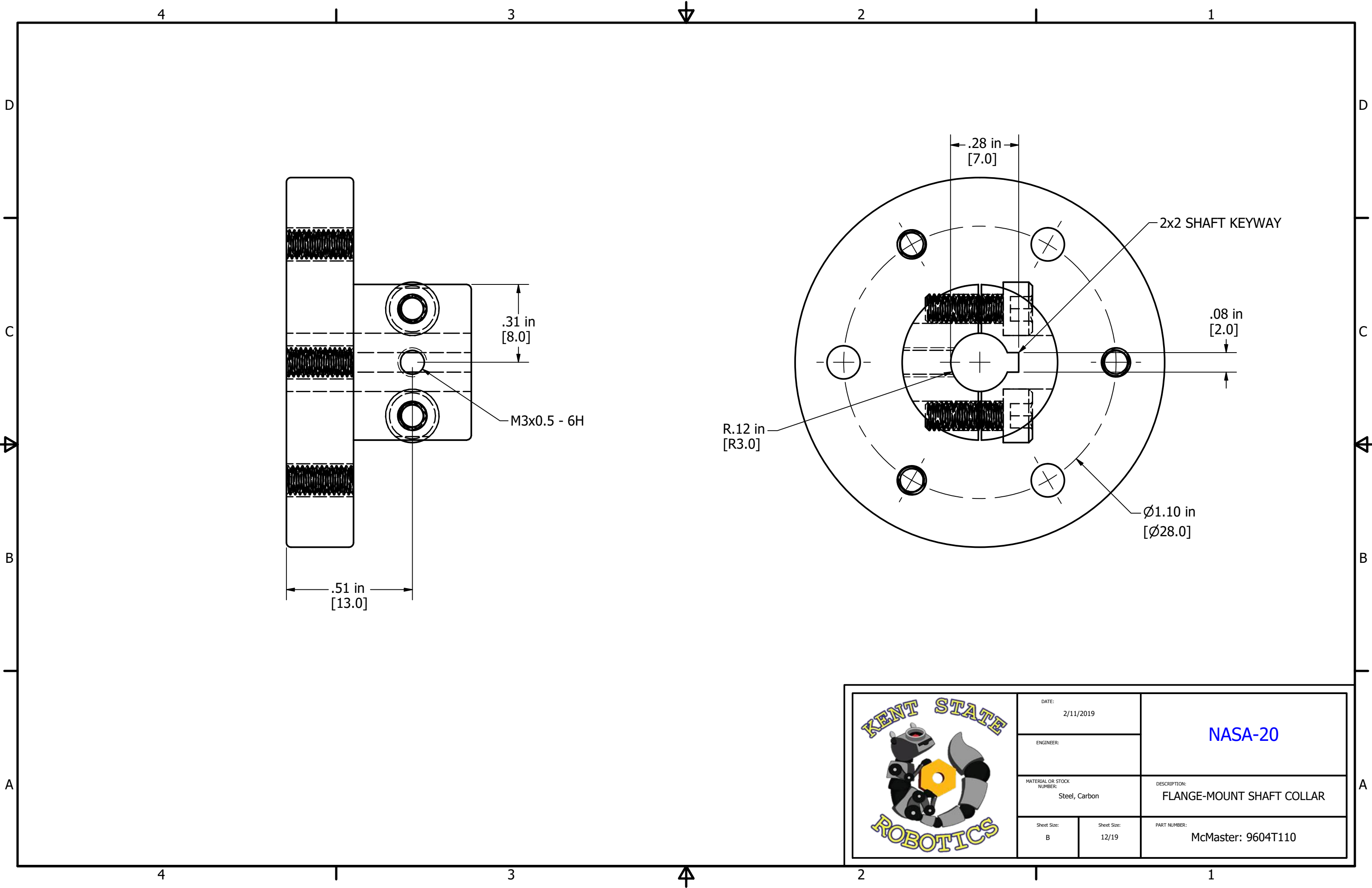
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PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	2	McMaster: 9604T110	FLANGE-MOUNT SHAFT COLLAR	Steel, Carbon
2	2	NASA-20-HUB-SPK-01	SPOKE	Aluminum 6061
3	1	NASA-20-HUB-TRD-01	TREADS	PET Plastic
4	1	NASA-20-HUB-SHFT-01	SHAFT 6MM	Steel, Alloy
5	3	DIN 912 - M3 x 25	Cylinder Head Cap Screw	Steel, Mild

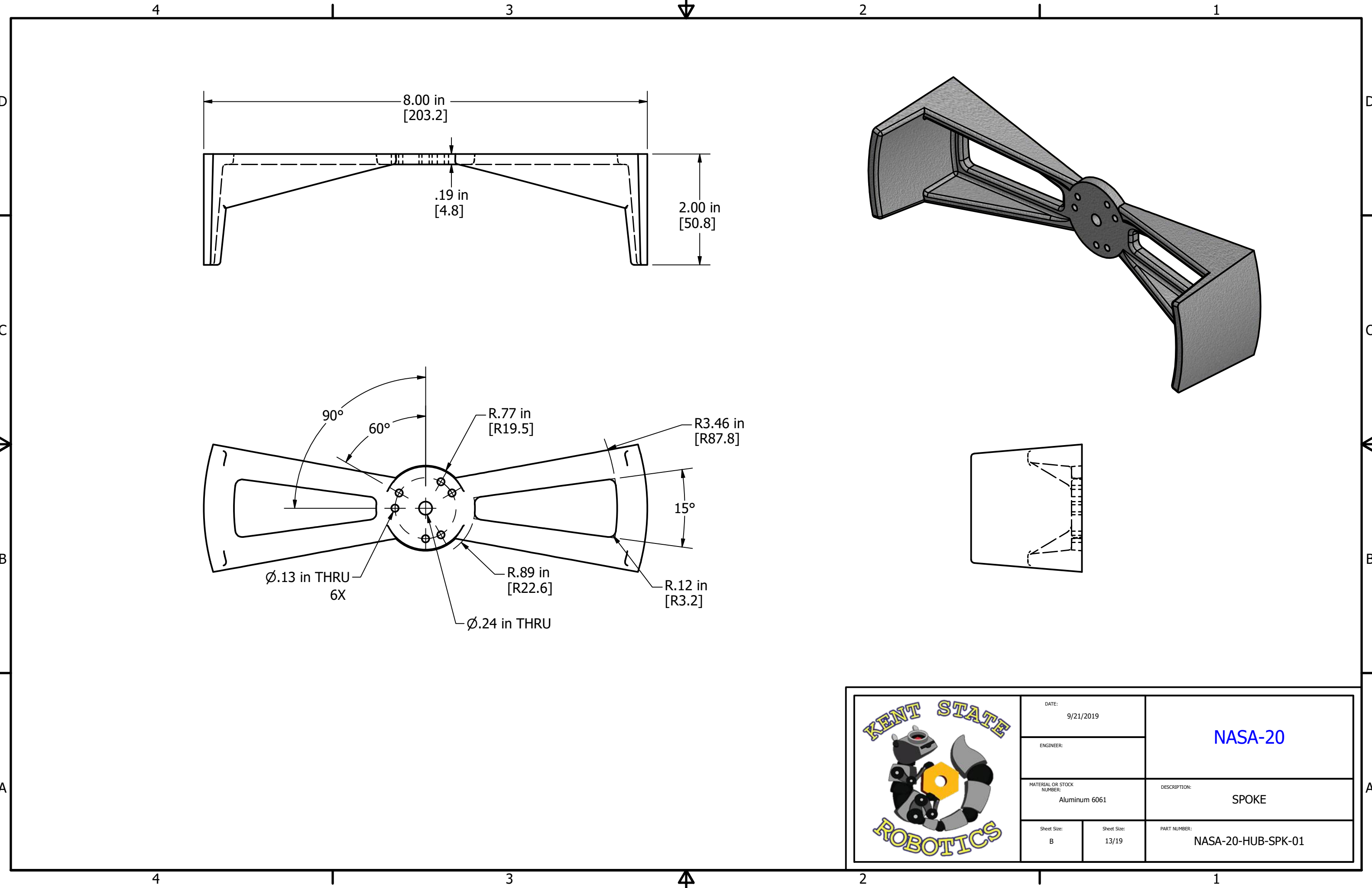


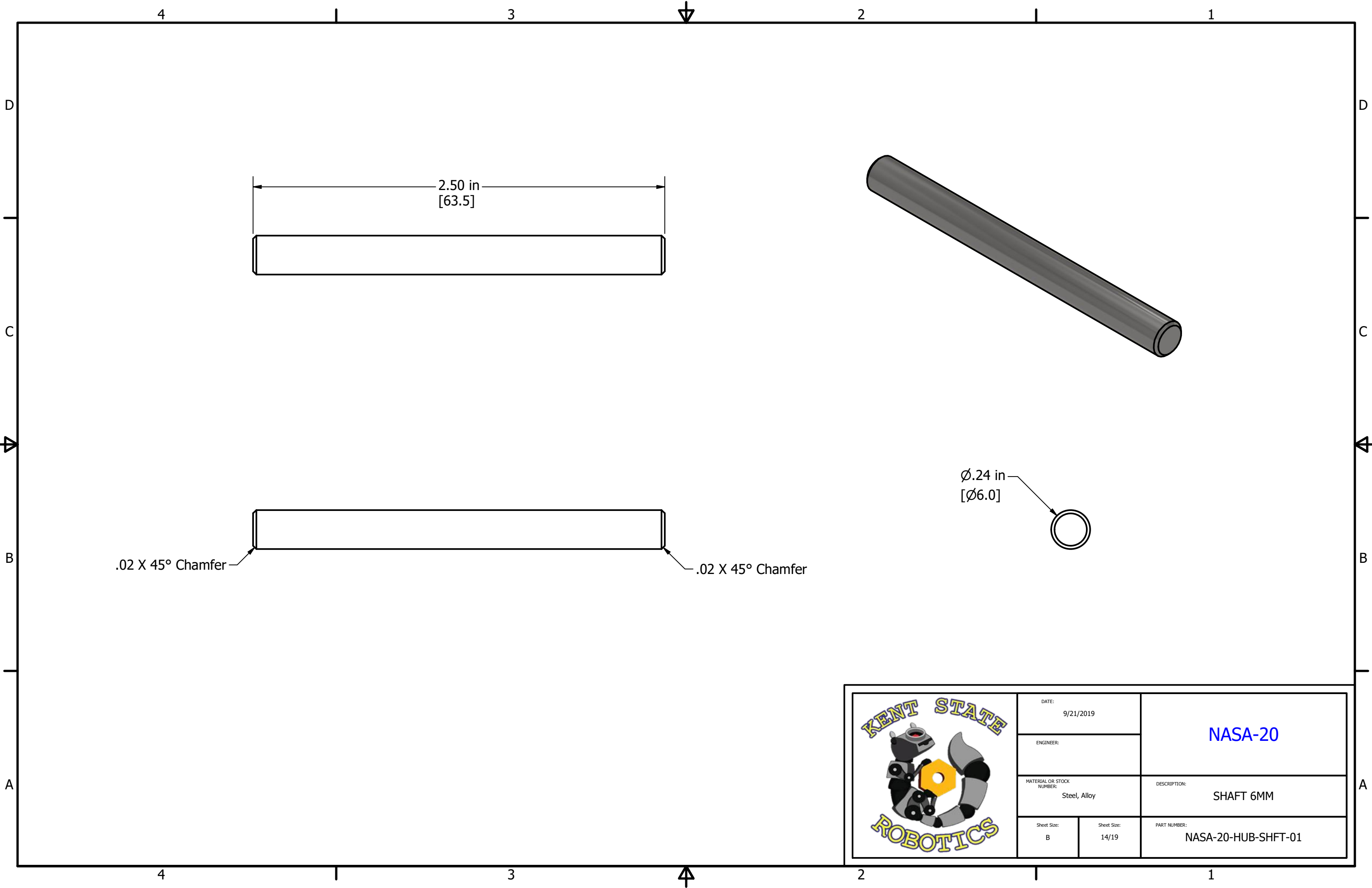
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ENGINEER:		
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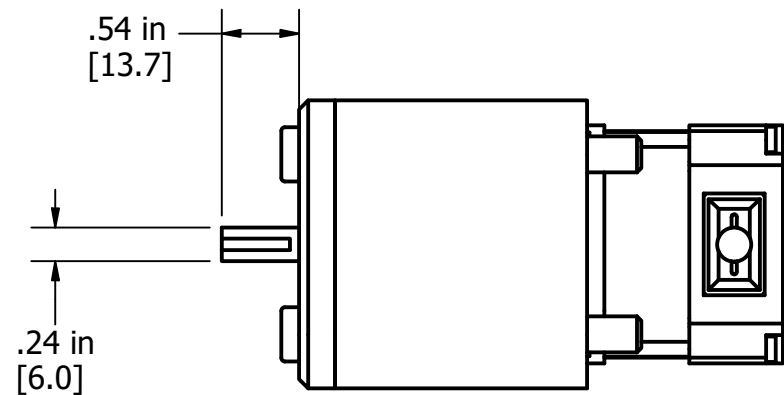
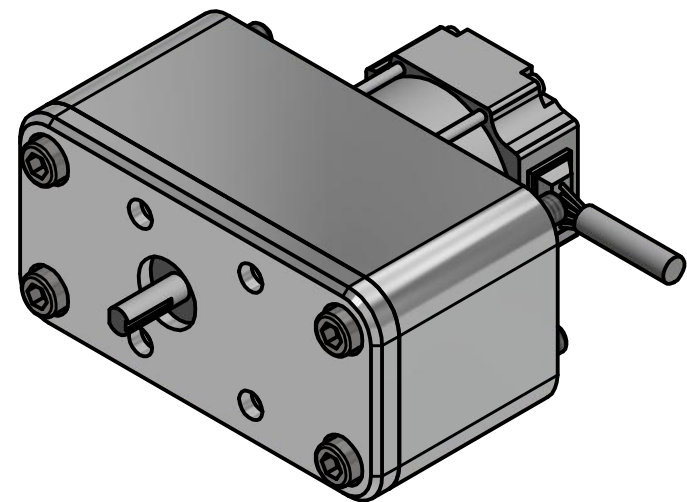
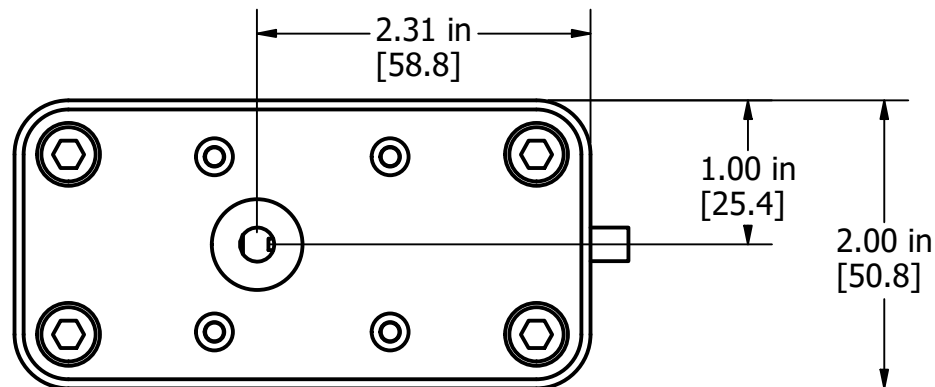
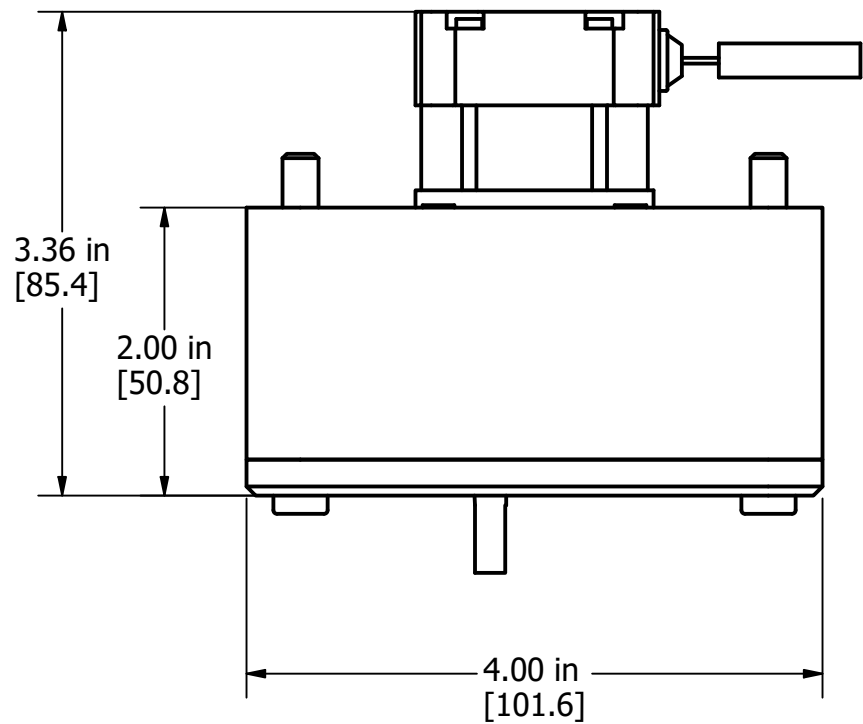



	DATE: 2/11/2019		NASA-20
	ENGINEER:		
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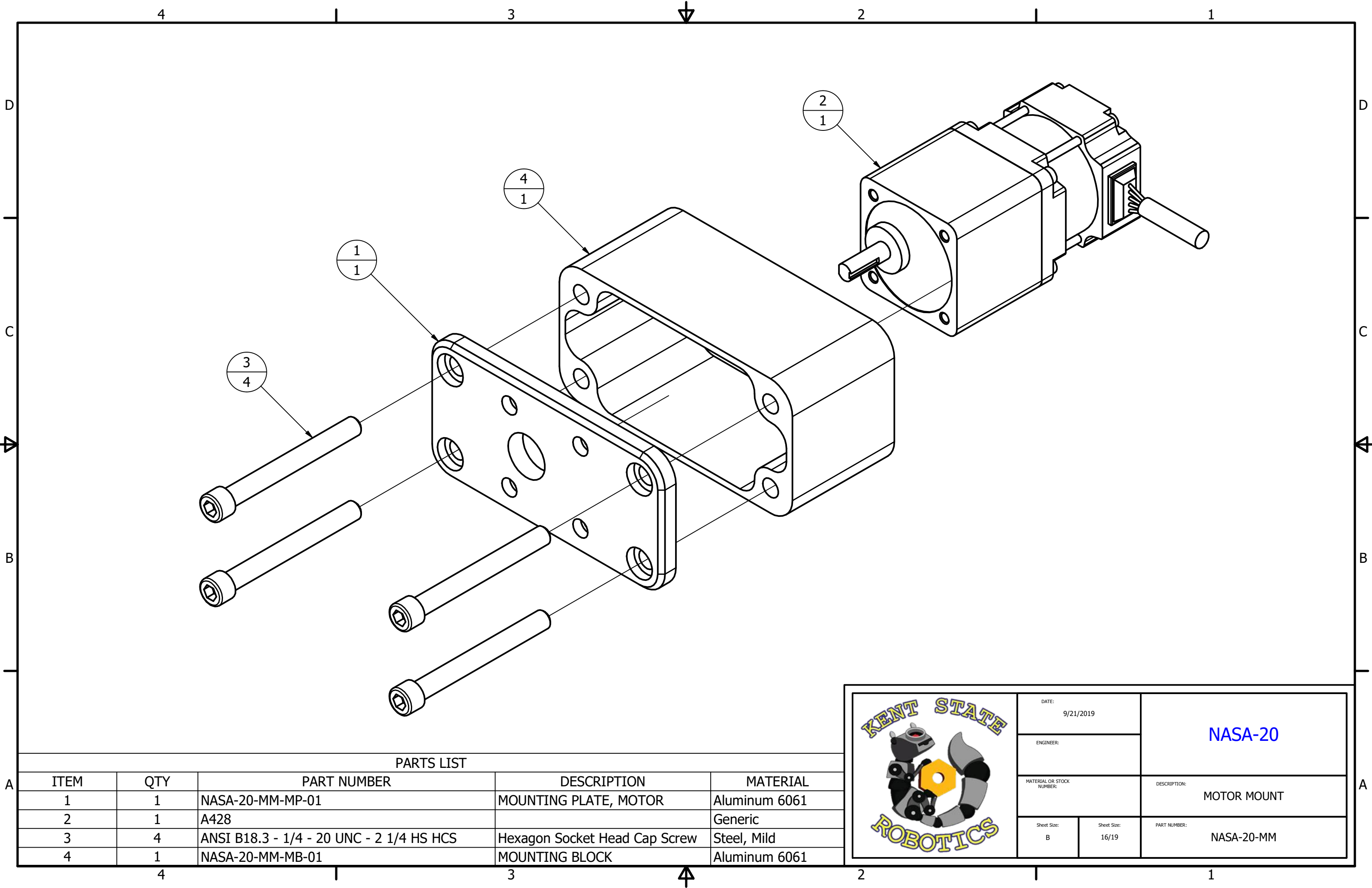




	DATE: 9/21/2019	NASA-20
	ENGINEER:	
MATERIAL OR STOCK NUMBER: Steel, Alloy		DESCRIPTION: SHAFT 6MM
Sheet Size: B	Sheet Size: 14/19	PART NUMBER: NASA-20-HUB-SHFT-01




	DATE: 9/21/2019		NASA-20
	ENGINEER:		
	MATERIAL OR STOCK NUMBER:		DESCRIPTION: MOTOR MOUNT
	Sheet Size: B	Sheet Size: 15/19	PART NUMBER: NASA-20-MM



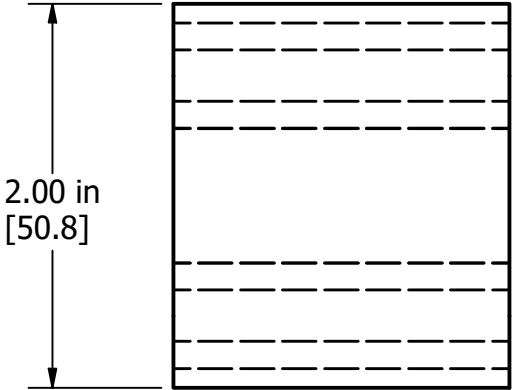
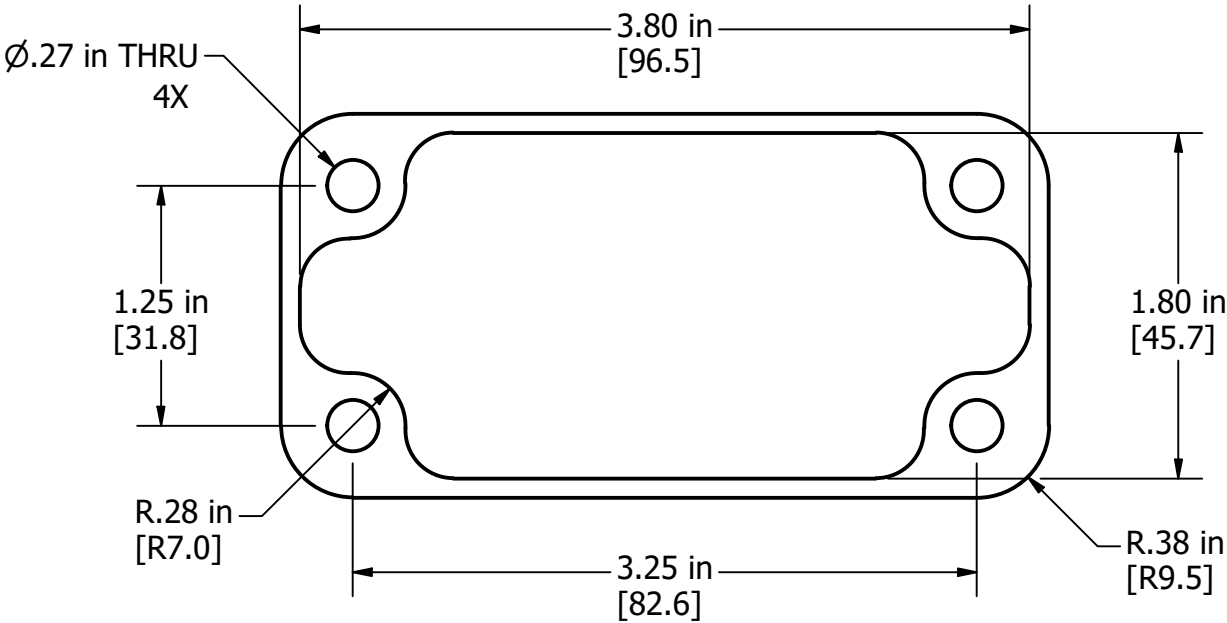
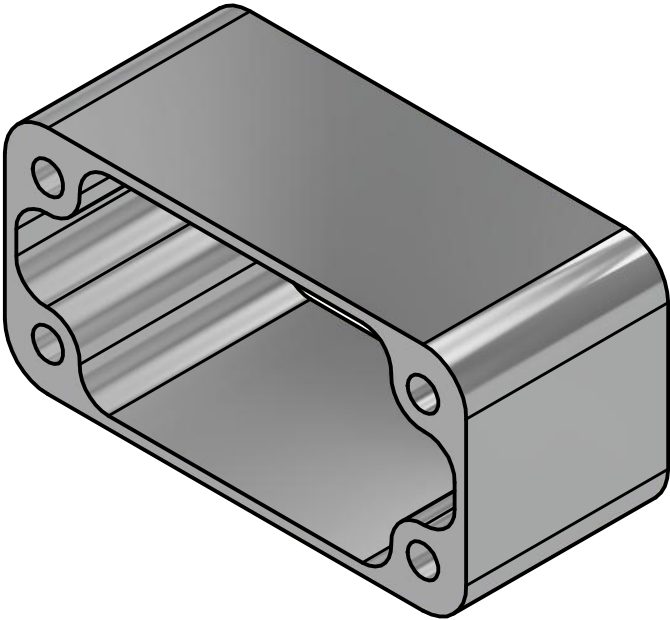
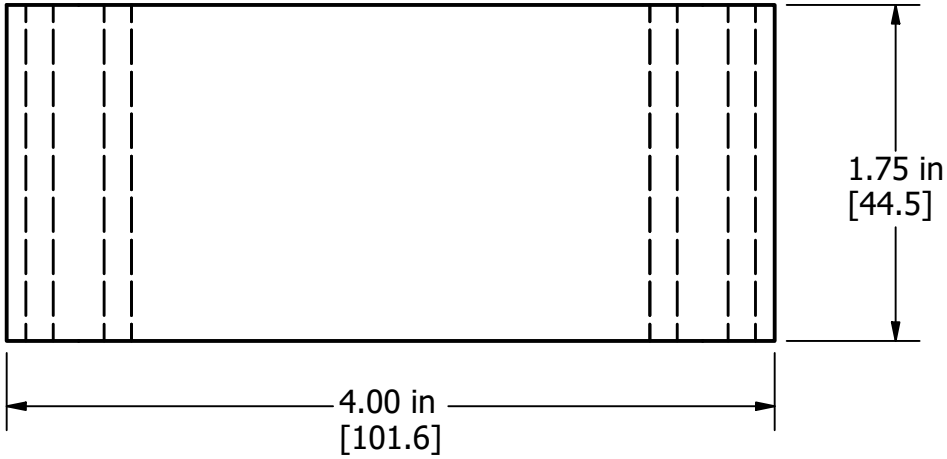
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PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	NASA-20-MM-MP-01	MOUNTING PLATE, MOTOR	Aluminum 6061
2	1	A428		Generic
3	4	ANSI B18.3 - 1/4 - 20 UNC - 2 1/4 HS HCS	Hexagon Socket Head Cap Screw	Steel, Mild
4	1	NASA-20-MM-MB-01	MOUNTING BLOCK	Aluminum 6061

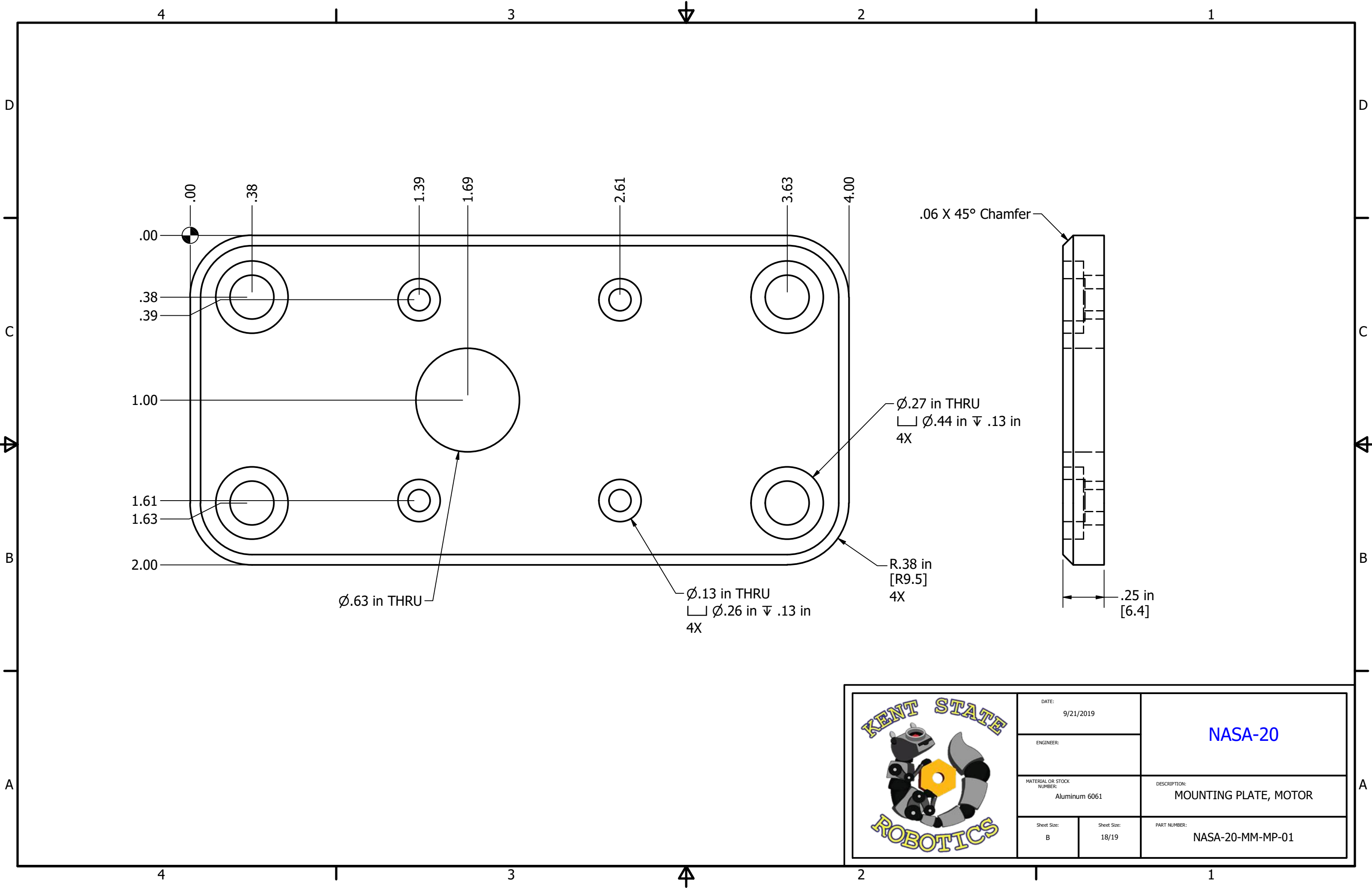



DATE: 9/21/2019		NASA-20
ENGINEER:		
MATERIAL OR STOCK NUMBER: B		DESCRIPTION: MOTOR MOUNT
Sheet Size: 16/19	PART NUMBER: NASA-20-MM	

A



	DATE: 9/21/2019		NASA-20
	ENGINEER:		
	MATERIAL OR STOCK NUMBER: Aluminum 6061		DESCRIPTION: MOUNTING BLOCK
	Sheet Size: B	Sheet Size: 17/19	PART NUMBER: NASA-20-MM-MB-01



	DATE: 9/21/2019		NASA-20
	ENGINEER:		
	MATERIAL OR STOCK NUMBER: Aluminum 6061		DESCRIPTION: MOUNTING PLATE, MOTOR
	Sheet Size: B	Sheet Size: 18/19	PART NUMBER: NASA-20-MM-MP-01

