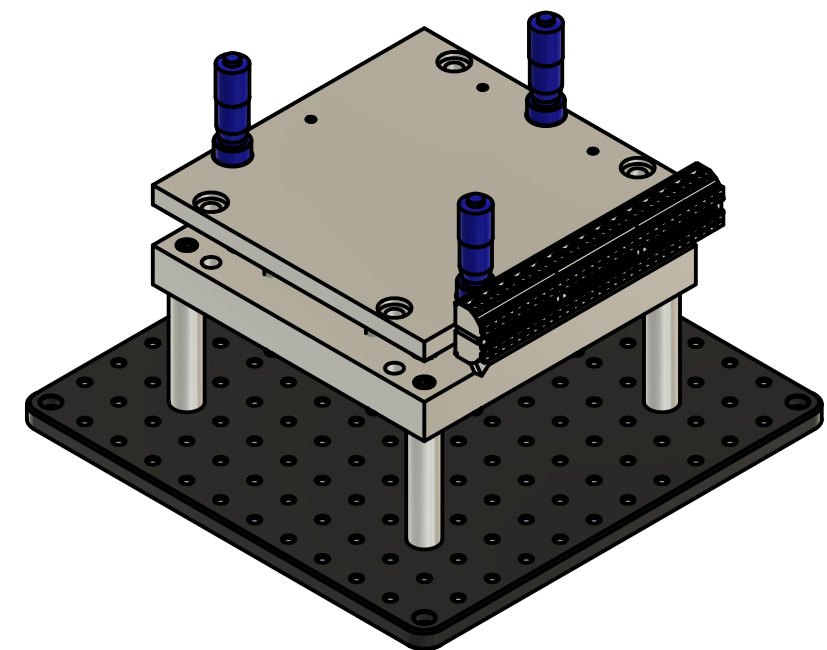
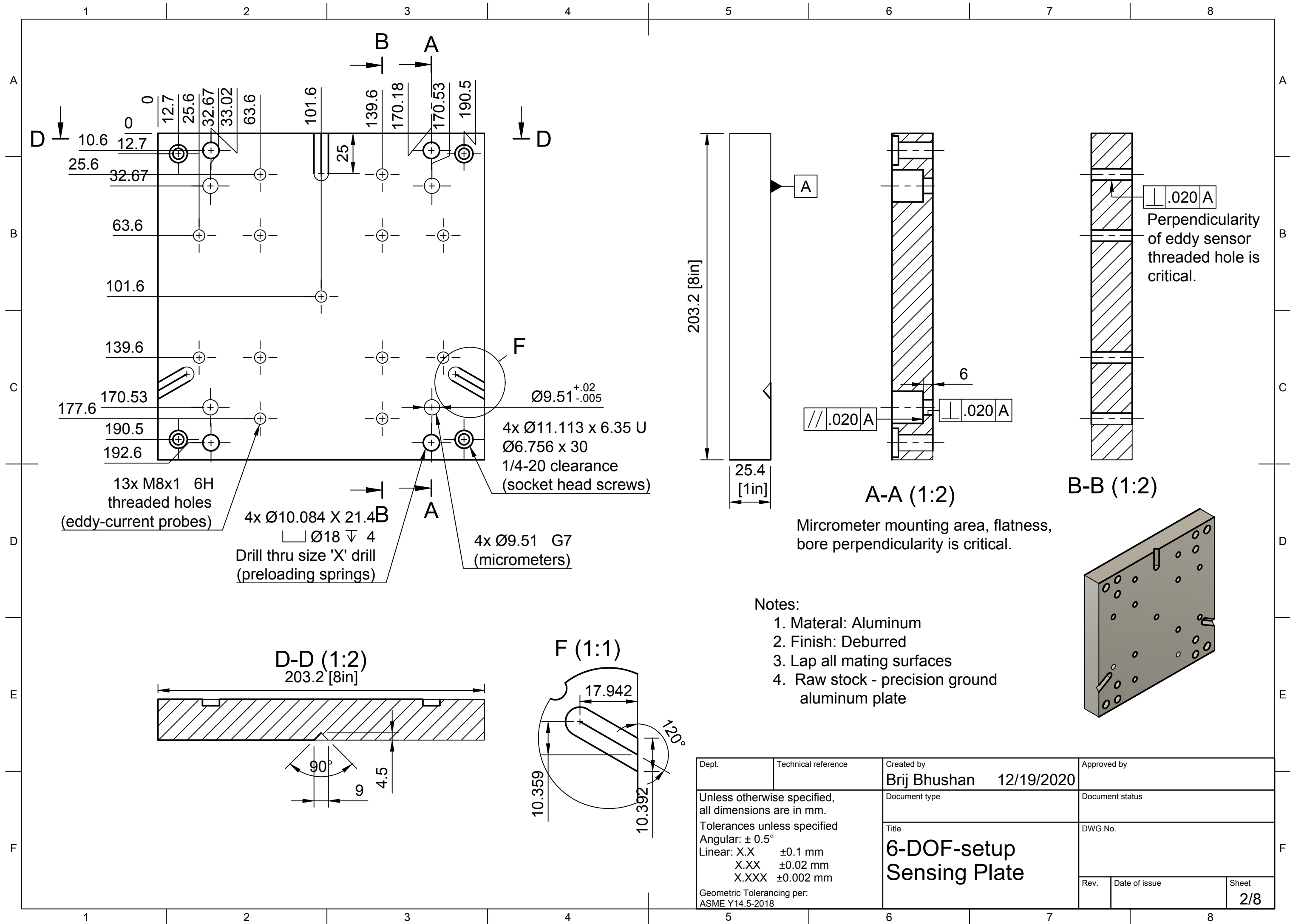


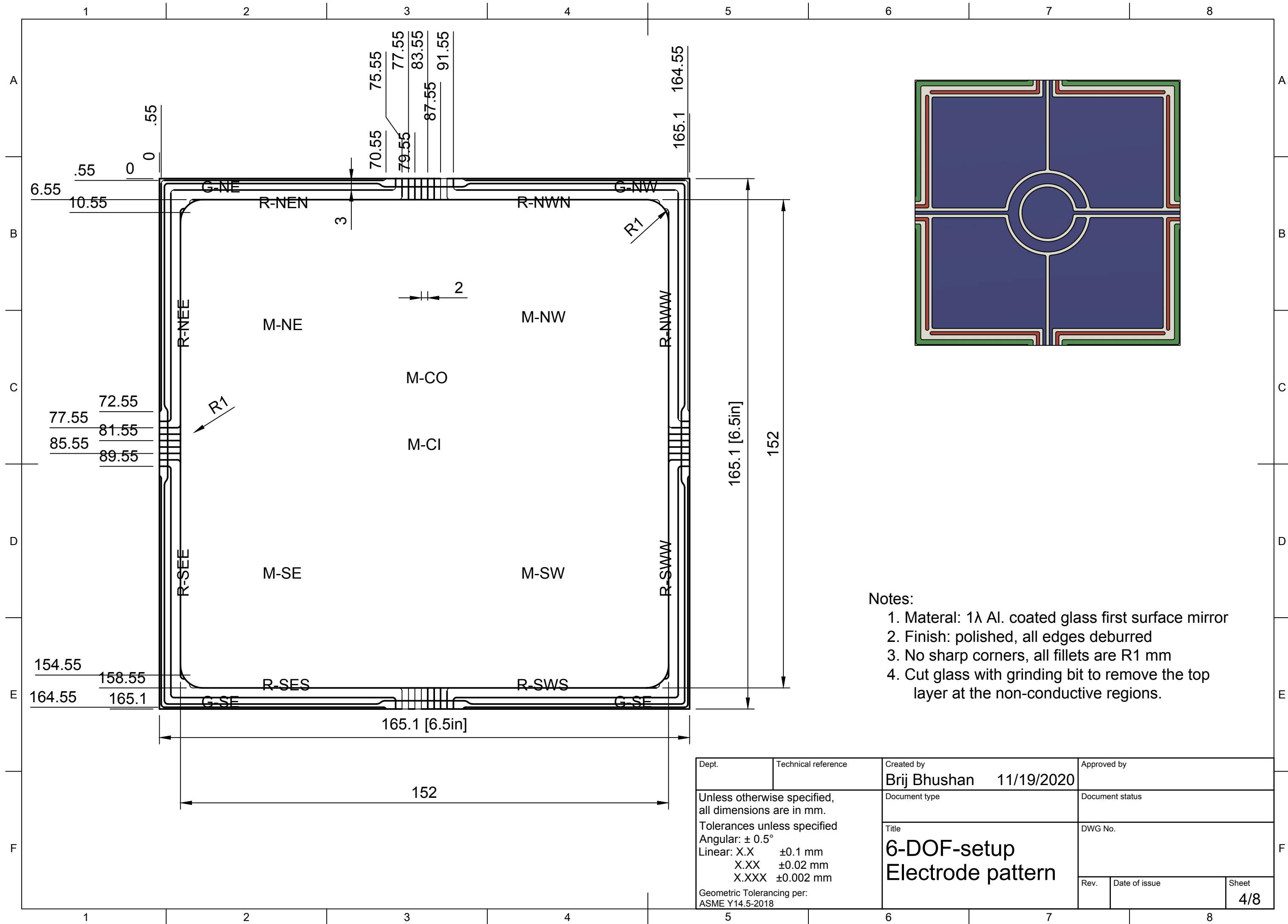
Parts List			
Item	Part Number	Description	Material
1	Dowel pins	3 x 3/16" dia	Steel
2	Actuation Plate		Aluminum 6061
3	Electrical connectors		Acetal Resin, White
4	First Surface Mirror		
5	Wafer-floater		
6	ActuationPlate Micrometers	3 x Mityutoyo 150-195	Steel
7	Sensing Plate		Aluminum 6061
8	Eddy current sensors	13 x Contrinex DW-AS-509-M8-390	Steel
9	Sensing plate mounting	4 x tube (92510A594) + 1/4-20 socket head screw	
10	Floater Micrometers	4 x Mityutoyo 148-804	Steel
11	Newport-SA2-11 v2	Newport SA2-11	Aluminum



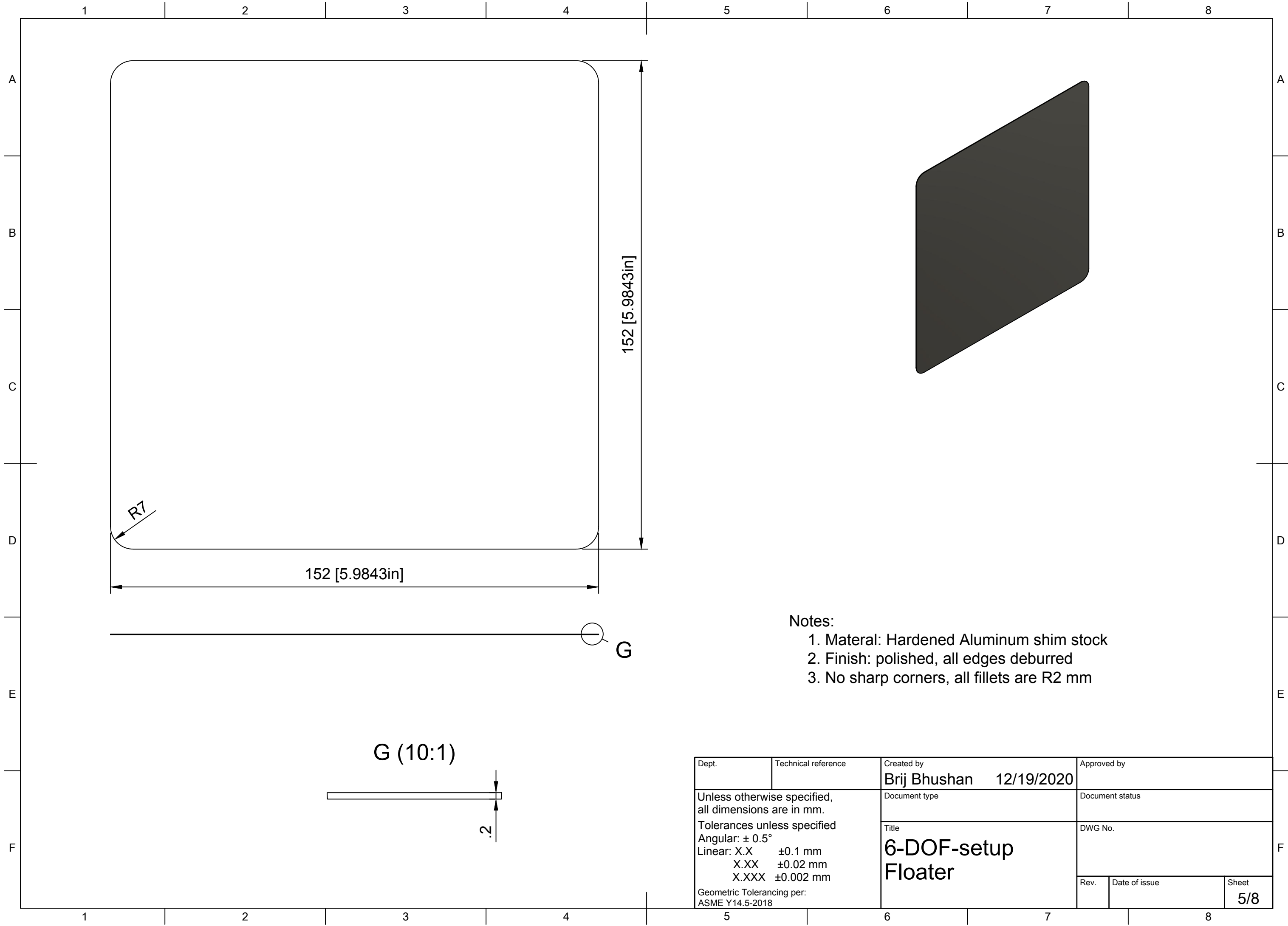
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		Document type	Document status	
		Title 6-DOF-setup Assembly diagram	DWG No.	
			Rev.	Date of issue
				Sheet 1/8

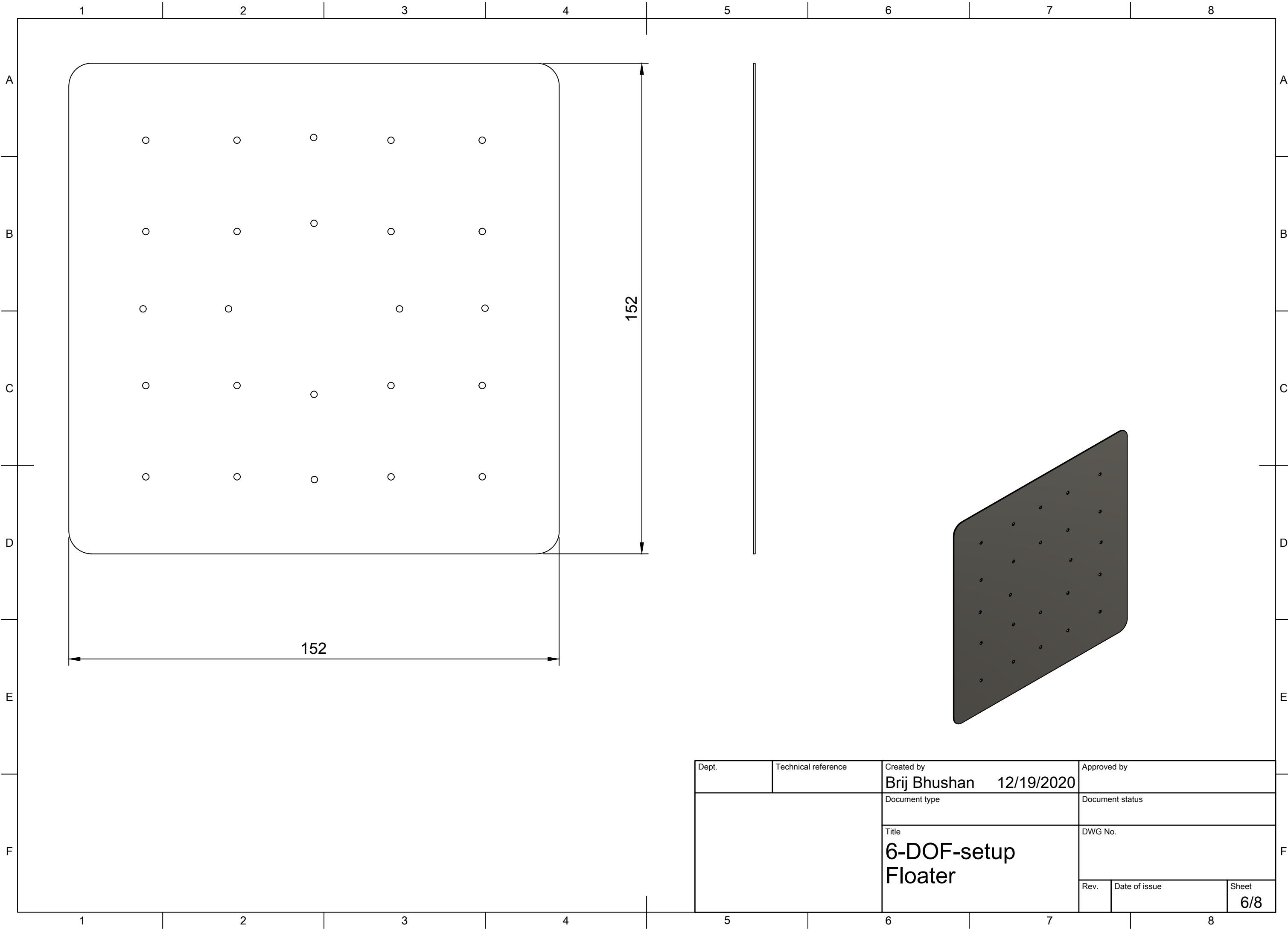


Dept.	Technical reference	Created by Brij Bhushan 12/19/2020	Approved by	
Unless otherwise specified, all dimensions are in mm. Tolerances unless specified Angular: ± 0.5° Linear: X.X ±0.1 mm X.XX ±0.02 mm X.XXX ±0.002 mm Geometric Tolerancing per: ASME Y14.5-2018		Document type	Document status	
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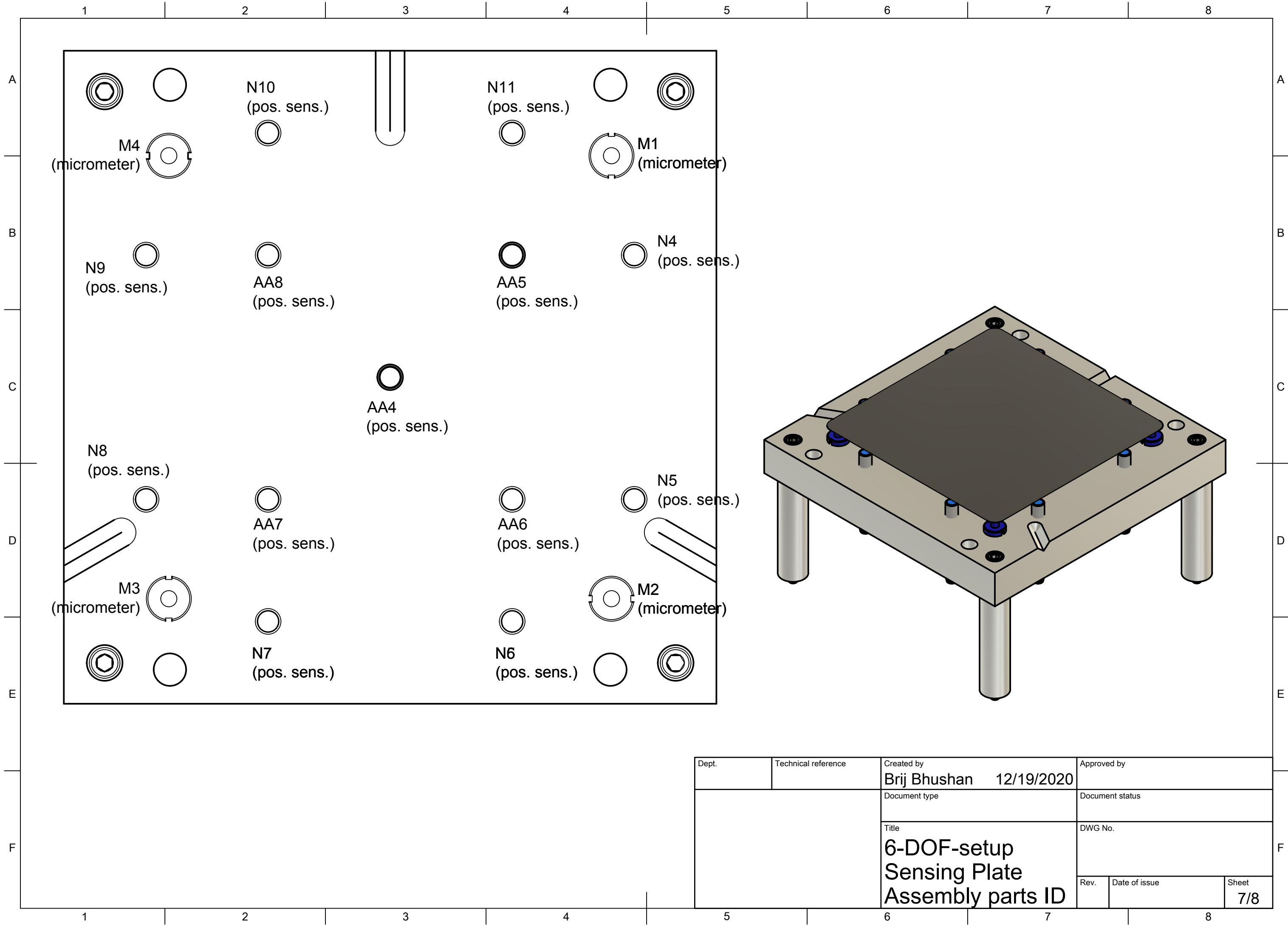


Dept.	Technical reference	Created by Brij Bhushan 11/19/2020	Approved by
Unless otherwise specified, all dimensions are in mm. Tolerances unless specified Angular: $\pm 0.5^\circ$ Linear: X.X ± 0.1 mm X.XX ± 0.02 mm X.XXX ± 0.002 mm Geometric Tolerancing per: ASME Y14.5-2018		Document type	Document status
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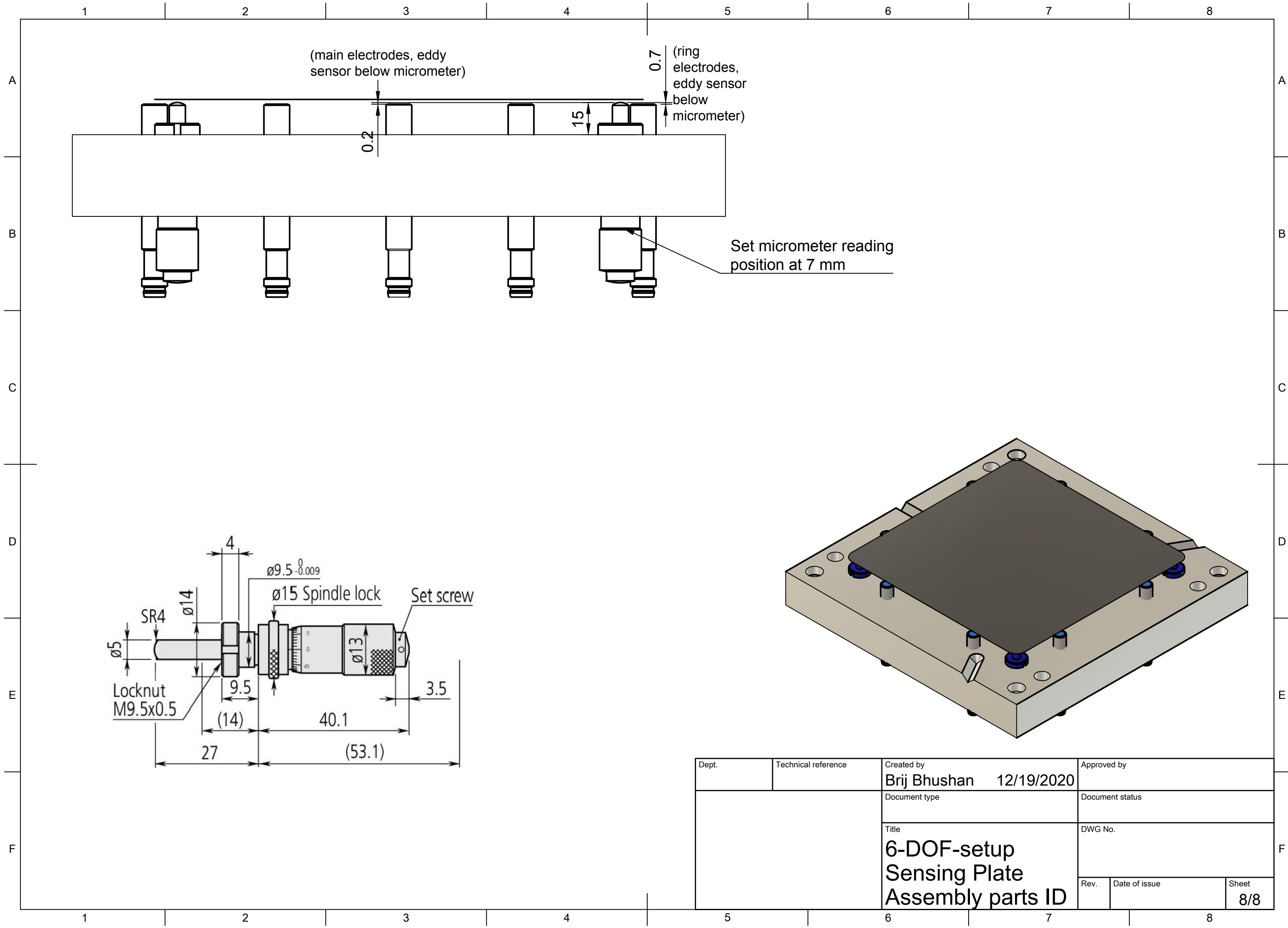




Dept.	Technical reference	Created by Brij Bhushan 12/19/2020	Approved by	
		Document type	Document status	
		Title 6-DOF-setup Floater	DWG No.	
			Rev.	Date of issue
				Sheet 6/8



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			Document type	
			Document status	
			DWG No.	
			Rev.	Date of issue
			Sheet 7/8	



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		Document type	Document status
		Title 6-DOF-setup Sensing Plate Assembly parts ID	DWG No.
		Rev.	Date of issue
		Sheet 8/8	