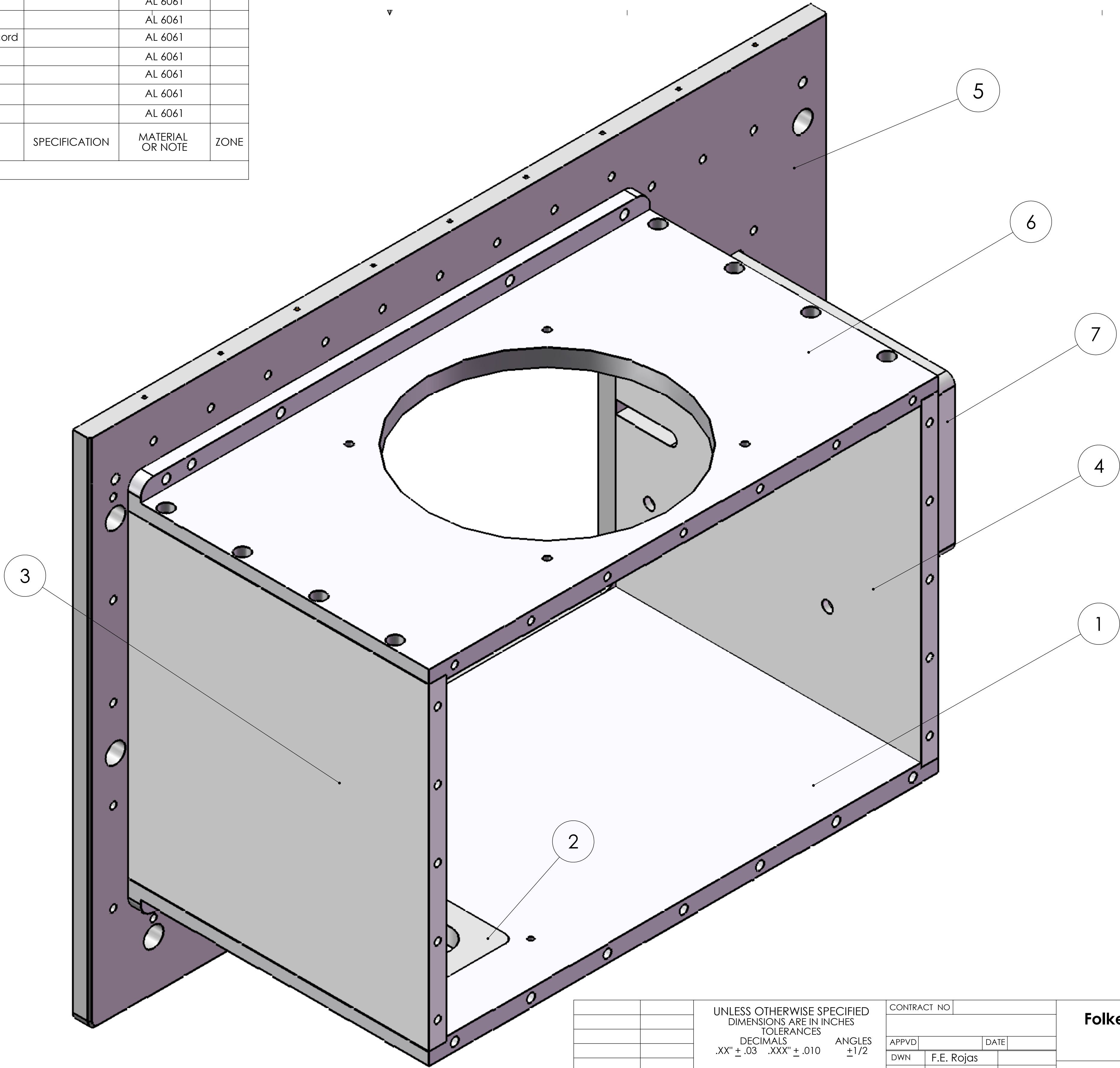


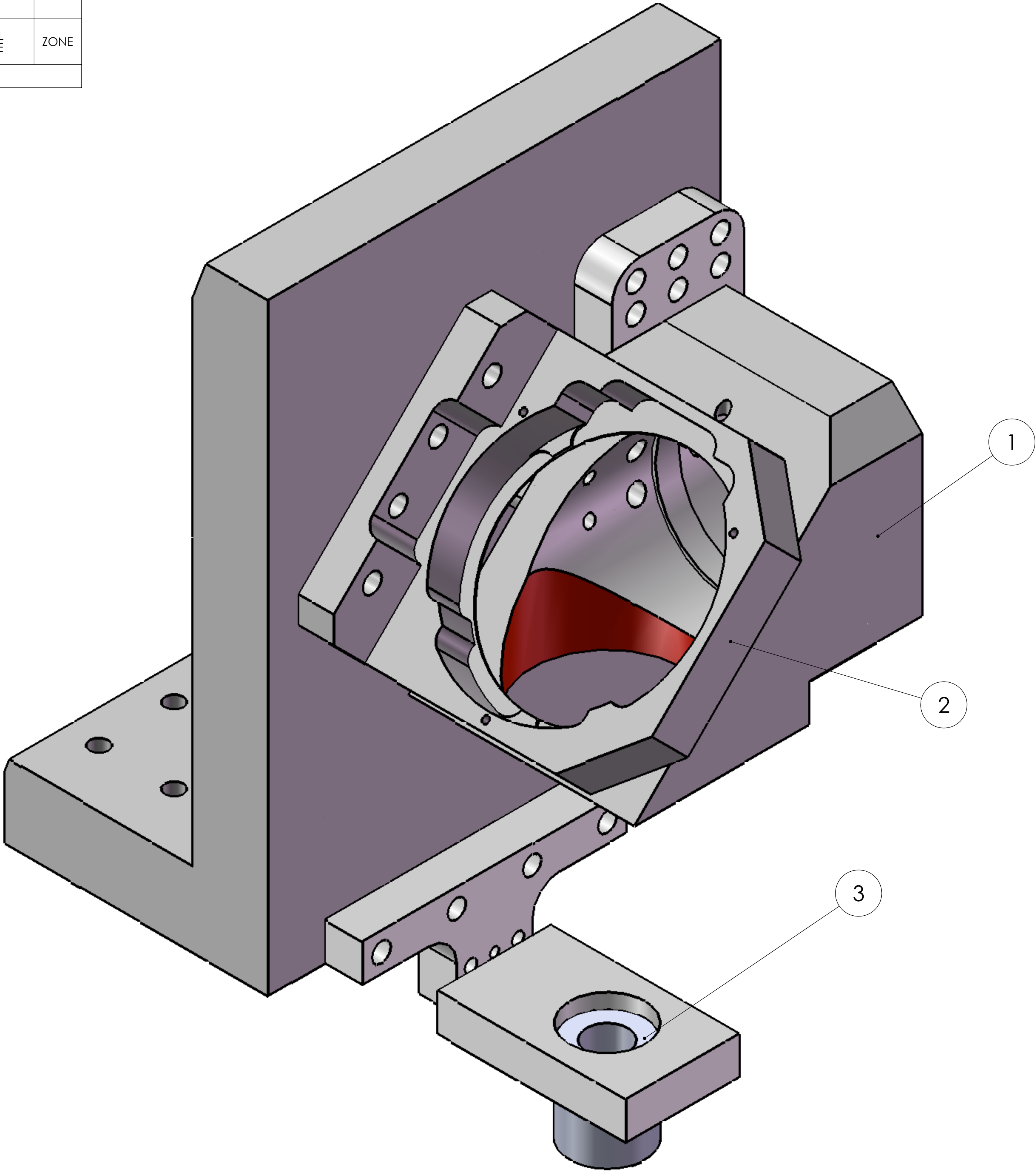
	1	8		10-009	P_C_Access Cover v1	Not showned in picture		AL 6061	
	1	7		10-007	P_C_Left Lid Cover v1			AL 6061	
	1	6		10-006	P_C_Bottom Lid v1			AL 6061	
	1	5		-	P_Base Plate	Made by Hawaii, all drawings on Record		AL 6061	
	1	4		10-005	P_C_Left Lid v1			AL 6061	
	1	3		10-004	P_C_Right Lid v1			AL 6061	
	1	2		10-003	P_C_Top Lid Electronics Cap v1			AL 6061	
	1	1		10-002	P_C_Top Lid v1			AL 6061	
		ITEM NO.	REF DES	CAGE NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
PARTS LIST									



4. ALIGN USING DOWELL PINS
3. ENSURE ALL GROOVES ARE FREE OF CHIPS
2. REMOVE ALL BURRS AND SHARP EDGES 0.003 TO 0.010.
1. ASSEMBLE TO FIT
- NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX" ± .03 .XXX" ± .010 ±1/2 MACHINE FINISH 32/ DO NOT SCALE DRAWING INTERPRET DWG BY ISO MATERIAL	CONTRACT NO		Folkers E. Rojas UROP Production <i>Massachusetts Institute of Technology Boston, MA 02139</i>			
			APPVD				DATE	
			DWN	F.E. Rojas		POETS on IRTF Casing Assembly		
			CHK					
			STRCT					
			MATL					
			THRM CONT					
	10-999				SCALE	CAGE NO	FILE:	REV
NEXT ASSEMBLY	USED ON				D	10-001-B	ASSEMBLY	B
APPLICATION					SCALE 1:1.2		UNCLASSIFIED	SHEET 1 OF 1

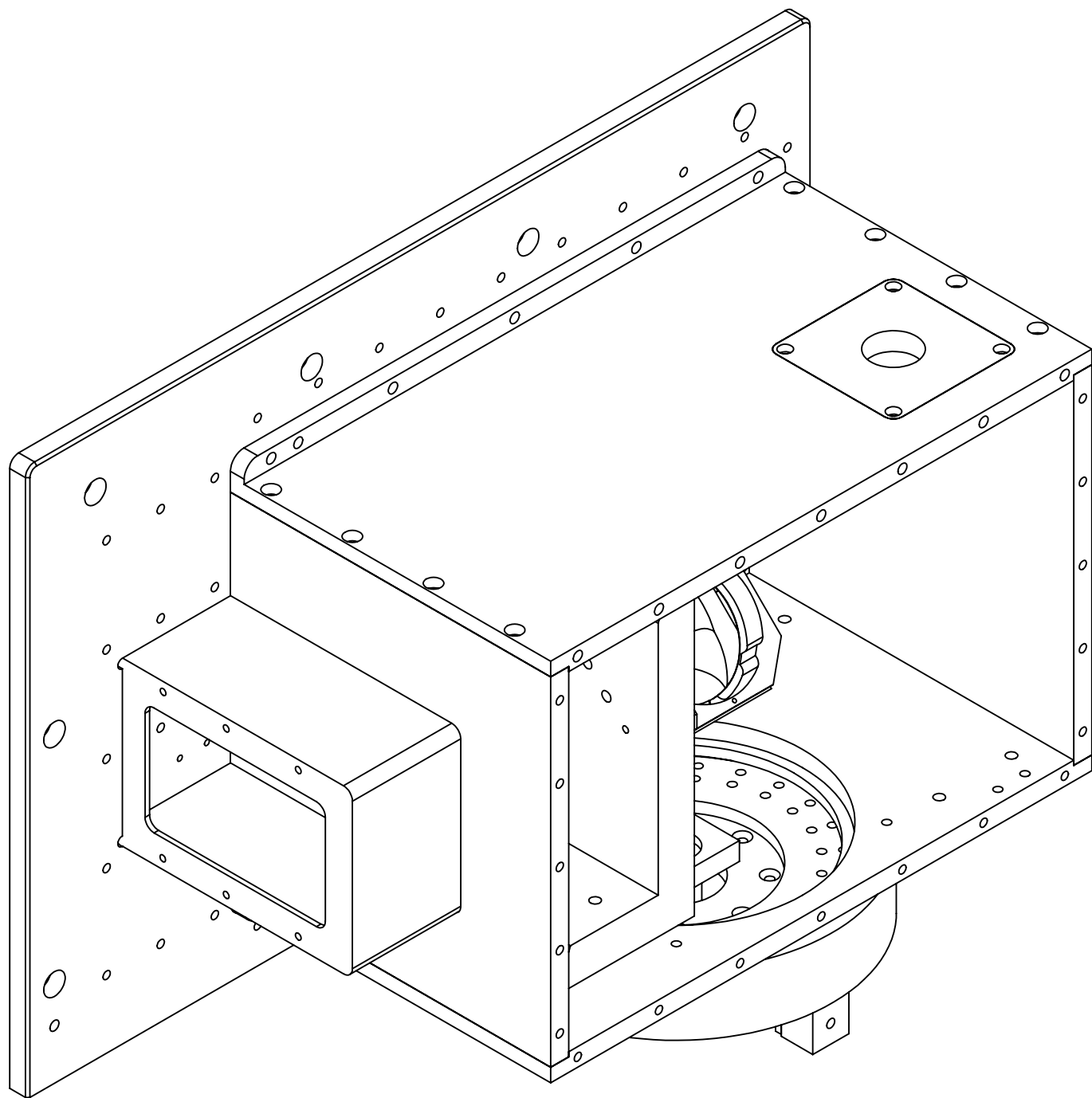
	1	3		10-024	IRTF_Holder Optic 2&3			AL 6061	
	1	2		Provided by Vern Stahlberger	Forty Five Degree Mirror Remade for Larger Diameter (Diam 2.925")			AL 6061	
	1	1		10-022	IRTF_Optics holder one_v1 part 2			AL 6061	
F		ITEM NO.	REF DES	CAGE NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
PARTS LIST									



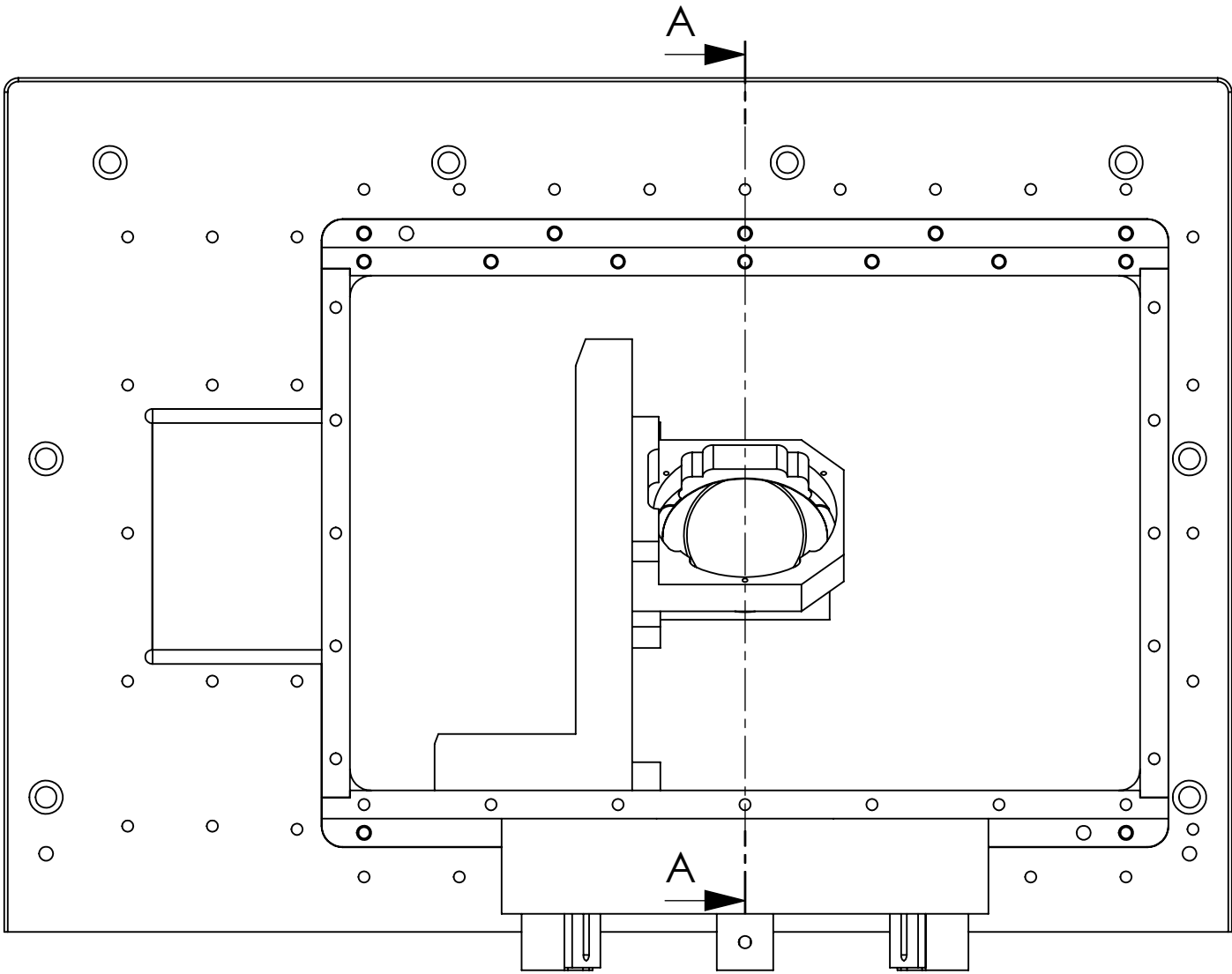
3. FIT TO ASSEMBLY 10-010
2. ALIGN USING DOWELL PINS
1. REMOVE ALL BURRS AND SHARP EDGES .003 TO .010

NOTES: UNLESS OTHERWISE SPECIFIED

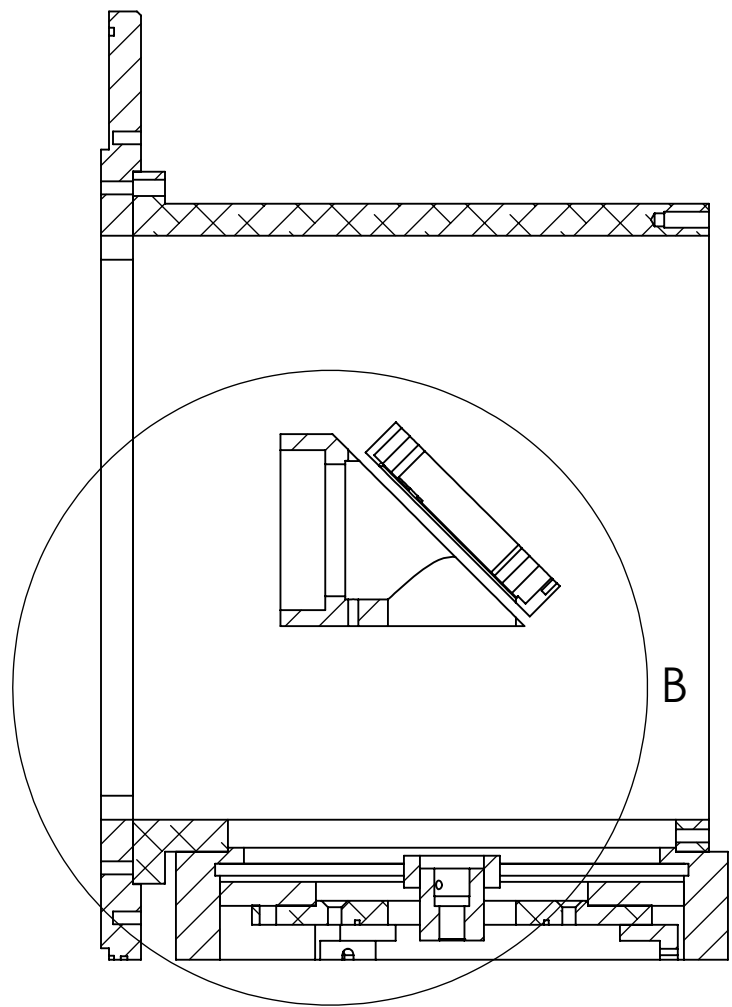
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX" ± .03 .XXX" ± .010 ±1/2 MACHINE FINISH 32/ DO NOT SCALE DRAWING INTERPRET DWG BY ISO MATERIAL	CONTRACT NO		Folkers E. Rojas UROP Production <i>Massachusetts Institute of Technology Boston, MA 02139</i>			
			APPVD	DATE				
			DWN	F.E. Rojas				
			CHK					
			STRCT					
			MATL					
			THRM CONT					
	10-999				SCALE	CAGE NO	FILE:	REV
NEXT ASSEMBLY	USED ON		ENGR		D	10-021	Sub-Assembly	B
APPLICATION			DSGN SUPV		SCALE 2/1		UNCLASSIFIED	



PROJECTED VIEW
FOR REFERENCE ONLY
DO NOT SCALE

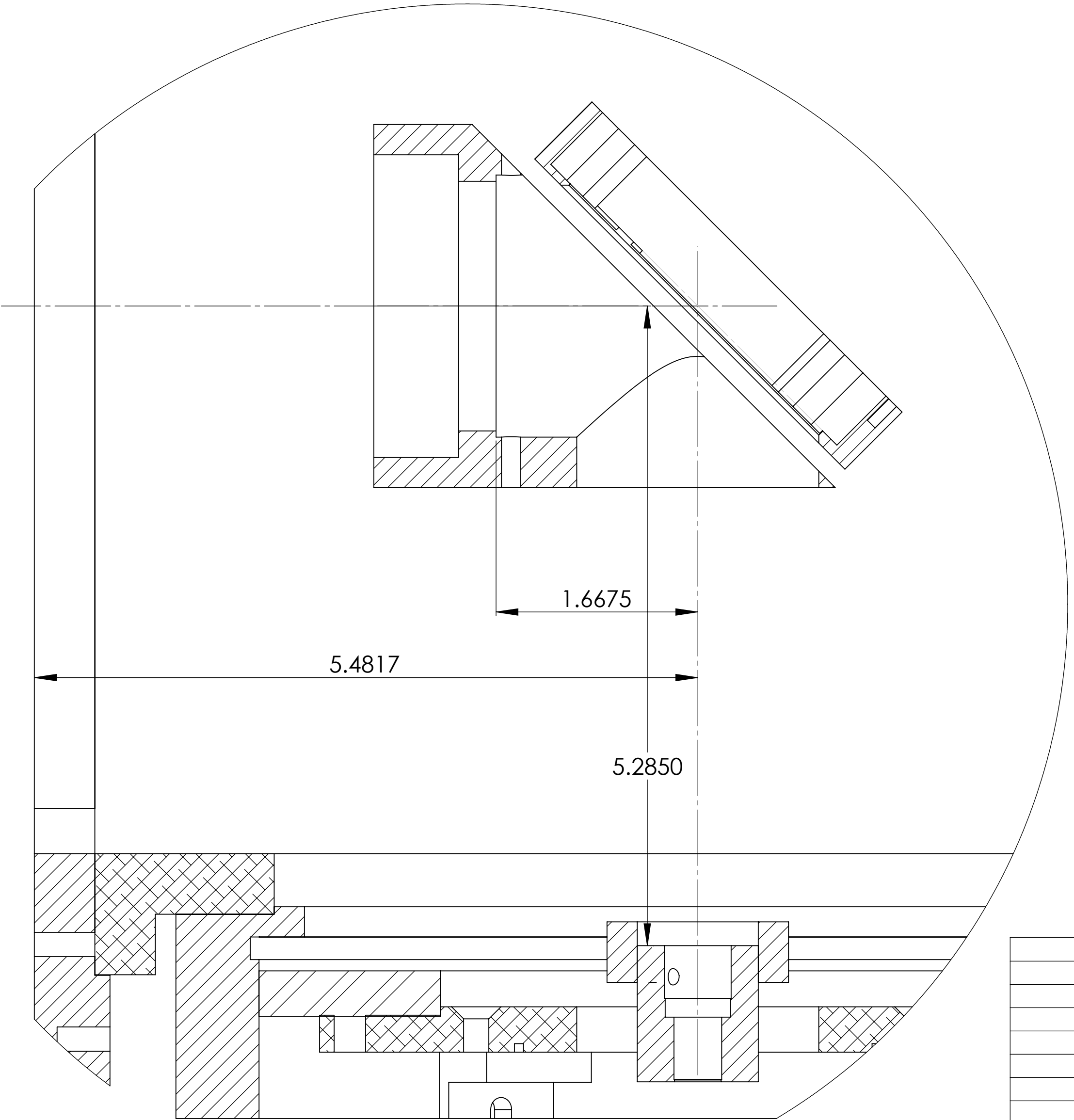


TOP VIEW



SECTION A-A
SCALE 1 : 3

SIDE VIEW

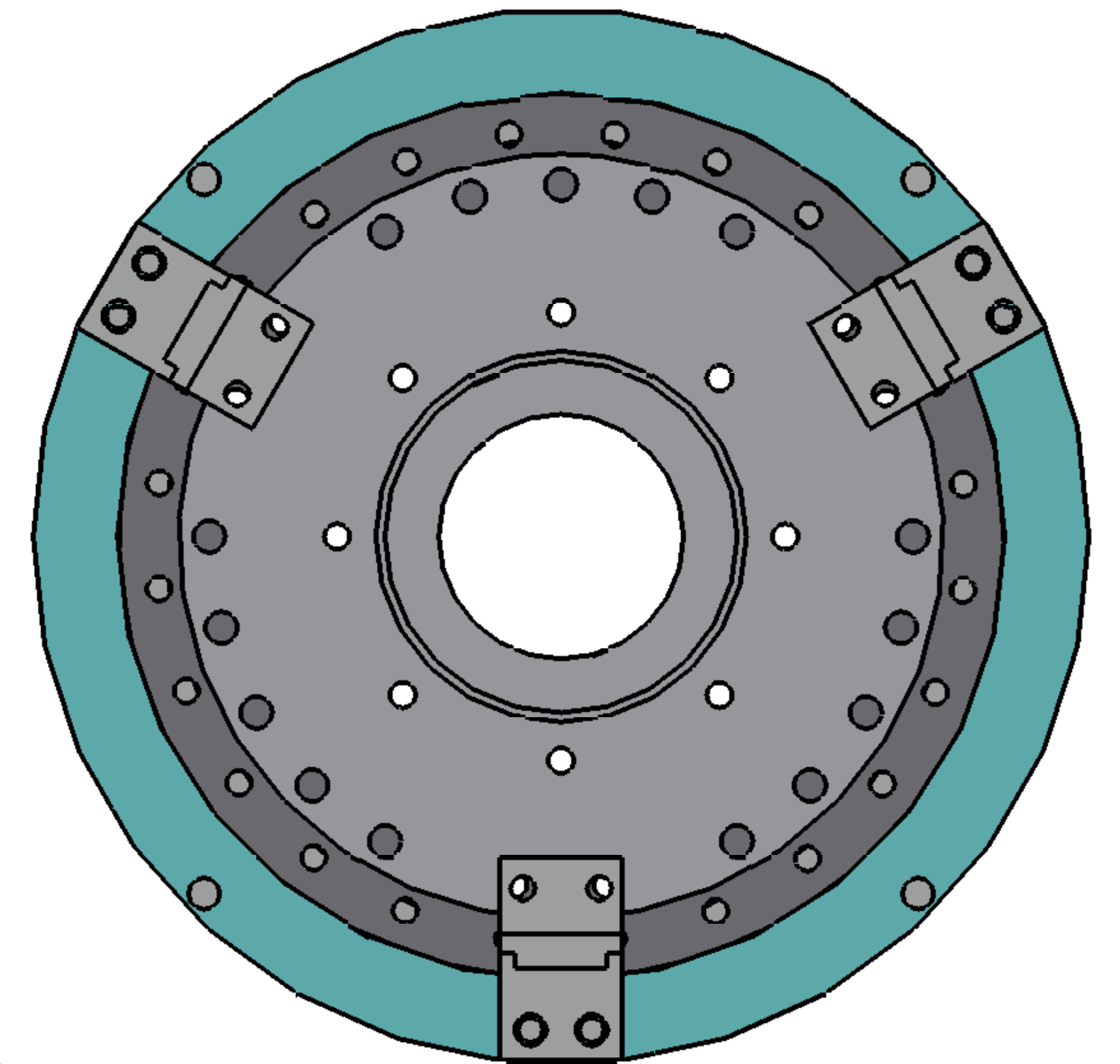
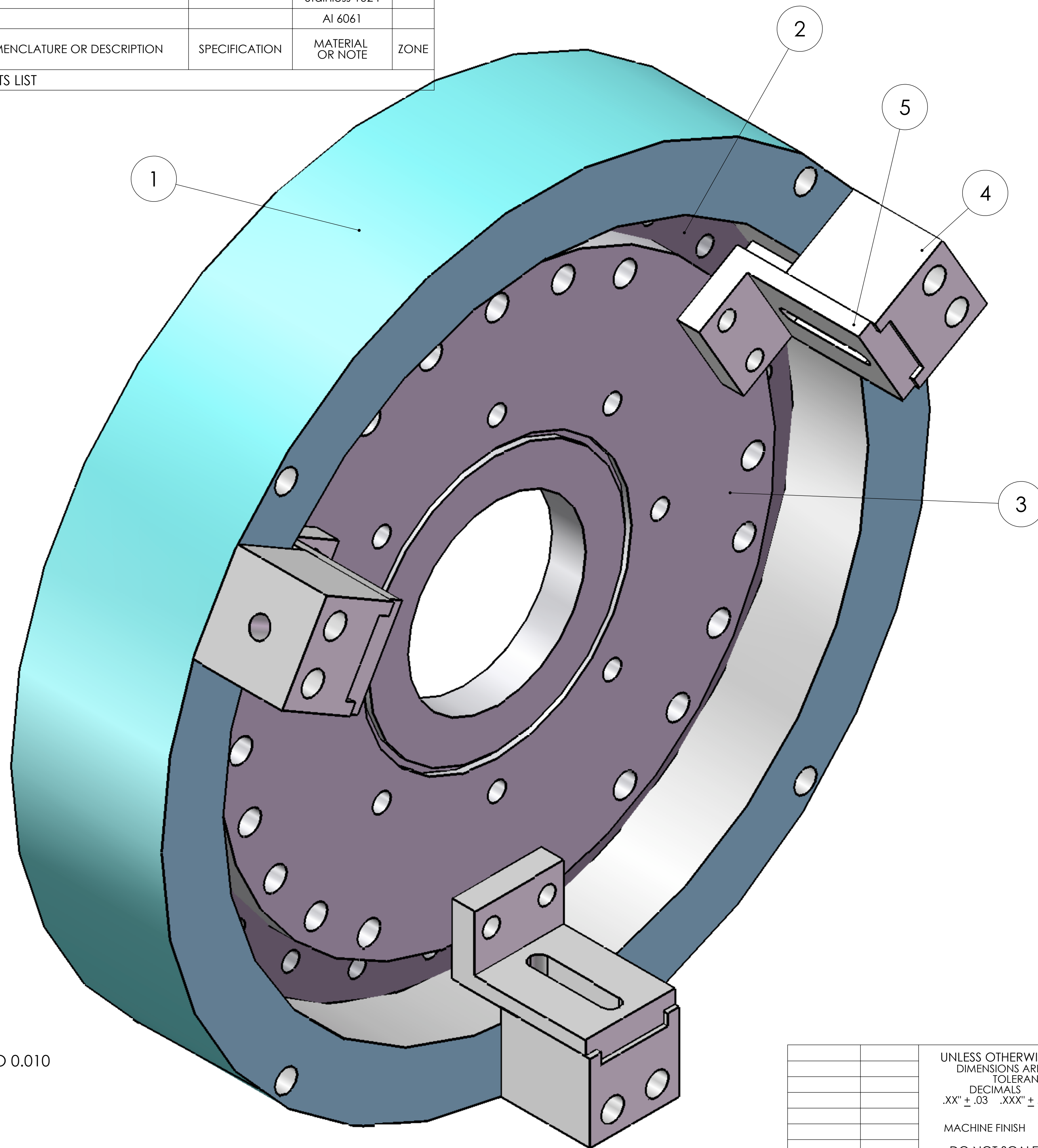


DETAIL B
SCALE 1.3 : 1

NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XX" ± .03 ANGLES .XXX" ± .010 ±1/2 MACHINE FINISH 32 ✓ DO NOT SCALE DRAWING INTERPRET DWG BY ISO	CONTRACT NO		Folkers E. Rojas UROP Production <i>Massachusetts Institute of Technology Boston, MA 02139</i>				
			APPVD						DATE
			DWN	F.E. Rojas		POETS on IRTF Optical Diagram			
			CHK						
			STRCT						
			MATL						
			THRM CONT						
			ENGR		SCALE D	CAGE NO 10-025	FILE: DIAGRAM	REV C	
			DSGN SUPV		SCALE 2/1		UNCLASSIFIED	{Date}	
		MATERIAL							
NEXT ASSEMBLY	USED ON								
APPLICATION									

F									
		3	5		10-015	IRTF_Face Plate raiser P4	Male Z-Slider		AI 6061
		3	4		10-014	IRTF_Face plate raiser P1	Female Z-slider		AI 6061
		1	3		10-013	IRTF_Poets Face Adapter			AI 6061
		1	2		10-012	IRTF_stainless focus ring			Stainless 1024
		1	1		10-011	IRTF_Extension FER v1			AI 6061
	QTY REQ'D	ITEM NO.	REF DES	CAGE NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
PARTS LIST									



Front View
Scale 1:1

1. ASSEMBLE TO FIT
2. REMOVE ALL BURRS & SHAPR EDGES 0.003 TO 0.010
3. ENSURE ALL GROVES ARE FREE OF CHIPS.

NOTES: UNLESS OTHERWISE SPECIFIED

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES .XX" ± .03 .XXX" ± .010 ±1/2 MACHINE FINISH 32/✓ DO NOT SCALE DRAWING INTERPRET DWG BY ISO	CONTRACT NO		Folkers E. Rojas UROP Production <i>Massachusetts Institute of Technology</i> <i>Boston, MA 02139</i>					
			APPVD						DATE	
			DWN	F.E. Rojas		POETS on IRTF Z Extension Assembly				
			CHK							
			STRCT							
			MATL							
			THRM CONT							
						SCALE CAGE NO FILE: REV D 10-010 SUB-ASSEMBLY B				
	10-999		MATERIAL							
NEXT ASSEMBLY	USED ON									
APPLICATION		ENGR	F.E. Rojas		SCALE 2/1		UNCLASSIFIED		SHEET 1 OF 1	
		DSGN SUPV								