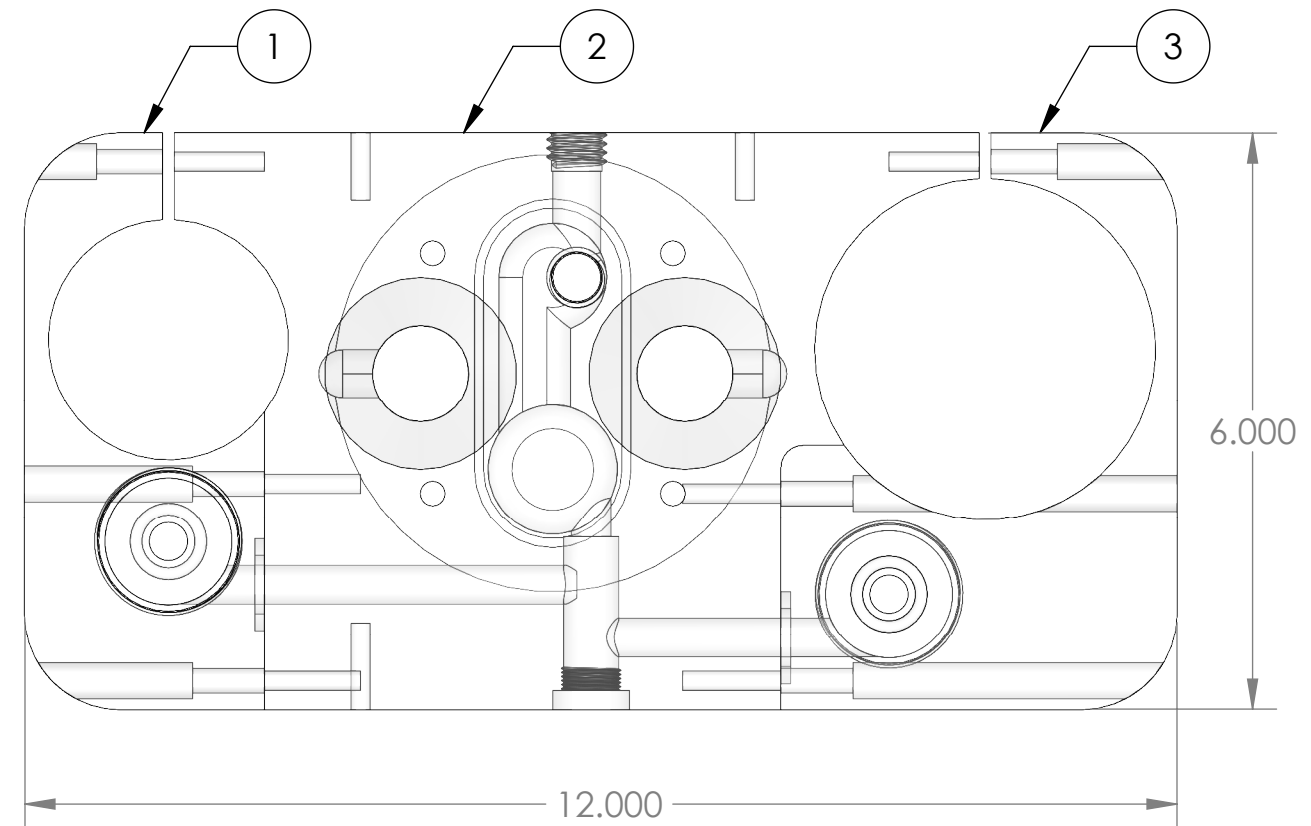
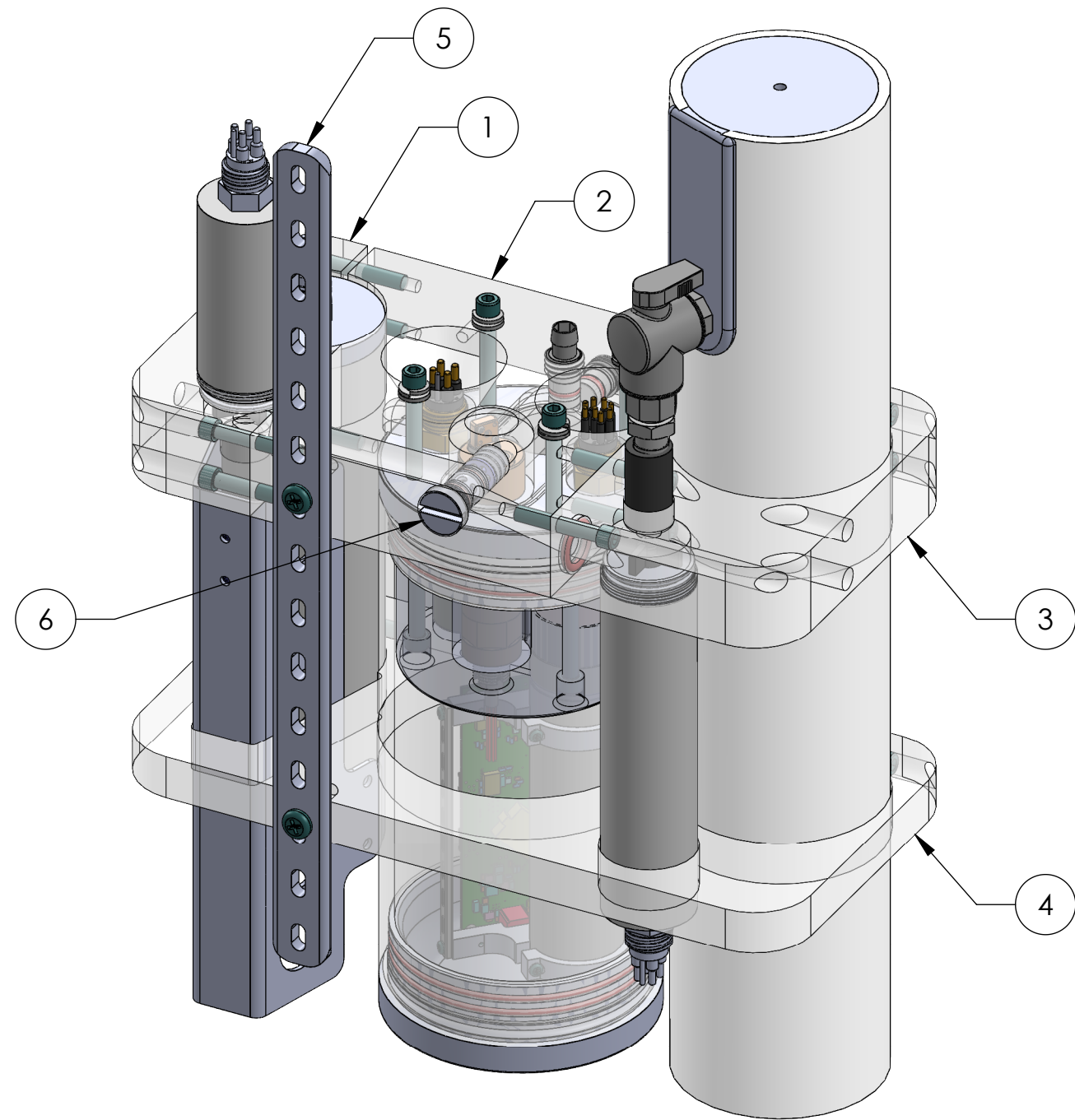


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

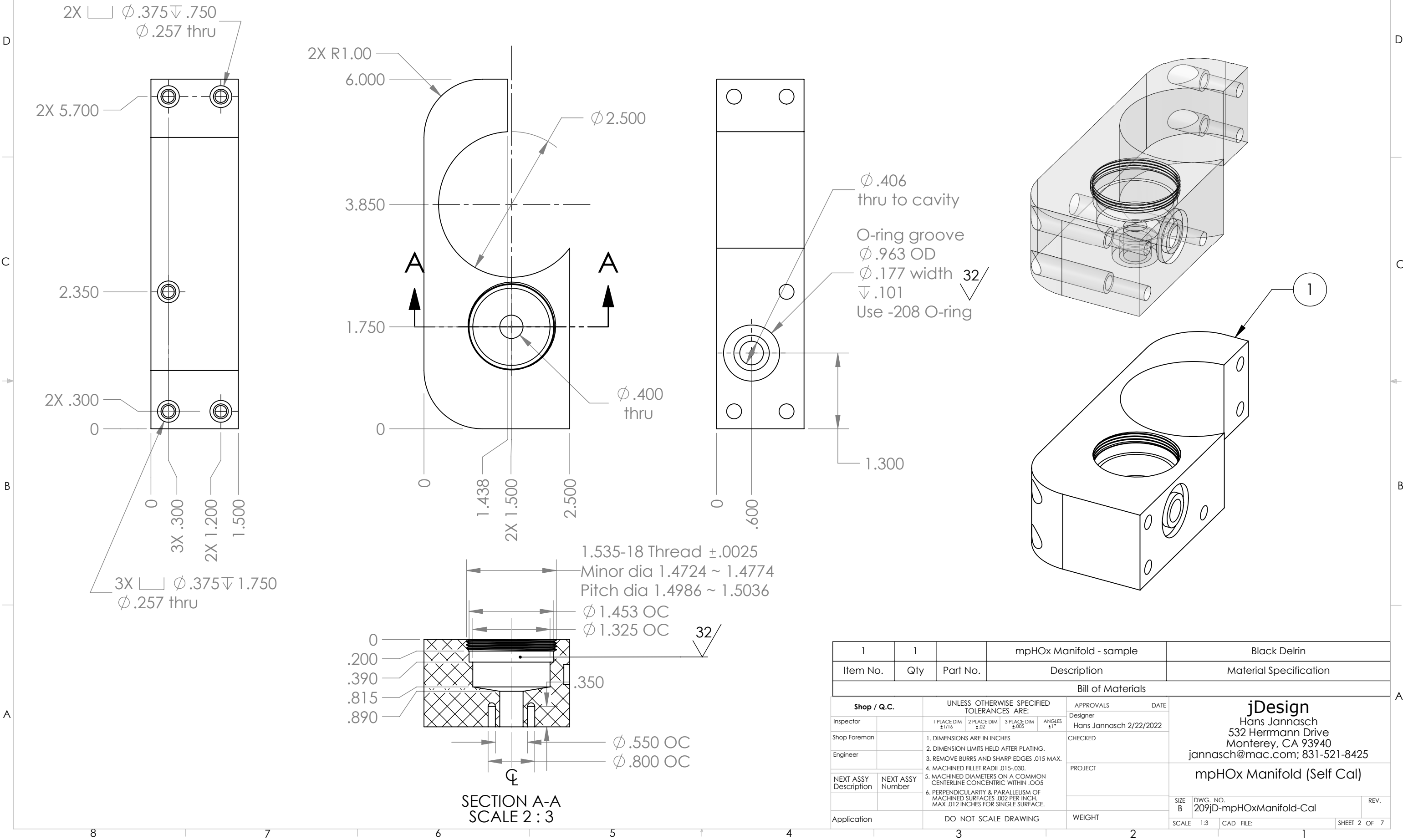


6	1		Valve Screw	PEEK
5	1		Cable Bar	1 x 1/4" rounded Al bar (McMaster 4490T291)
4	1		mpHOx Manifold - Bottom-Self Cal	Black Delrin
3	1		mpHOx Manifold - STD -Self Cal	Black Delrin
2	1		mpHOx Manifold - Middle-Self Cal	Black Delrin
1	1		mpHOx Manifold - sample	Black Delrin
Item No.	Qty	Part No.	Description	Material Specification
Bill of Materials				

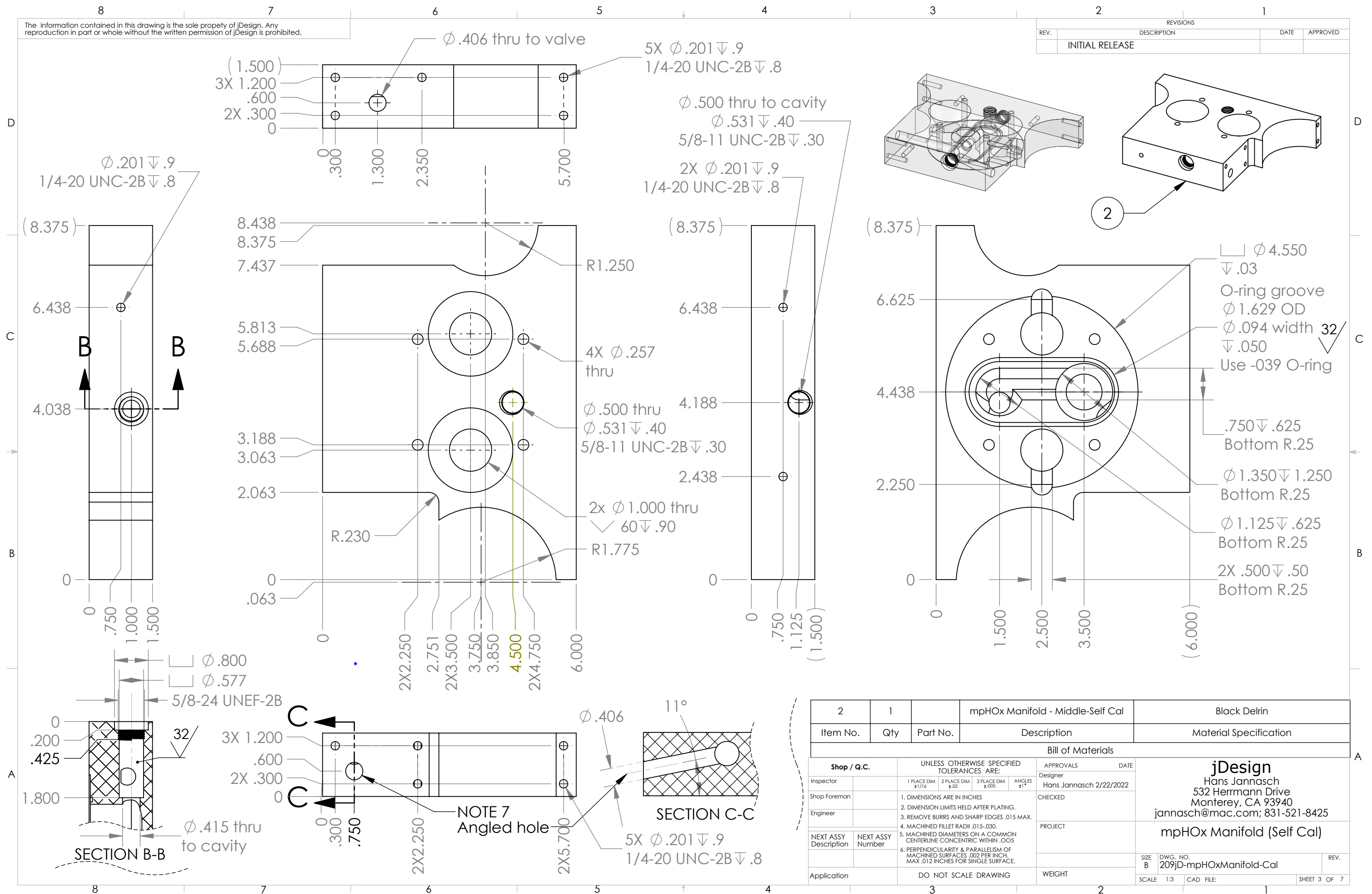
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	Designer Hans Jannasch 2/22/2022		jDesign Hans Jannasch 532 Herrmann Drive Monterey, CA 93940 jannasch@mac.com; 831-521-8425	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .015-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED			
Engineer						PROJECT			
NEXT ASSY Description	NEXT ASSY Number								
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B DWG. NO. 209jD-mPHoxManifold-Cal REV.	
						SCALE 1:3		CAD FILE:	SHEET 1 OF 7

The information contained in this drawing is the sole property of jDesign. Any reproduction in part or whole without the written permission of jDesign is prohibited.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



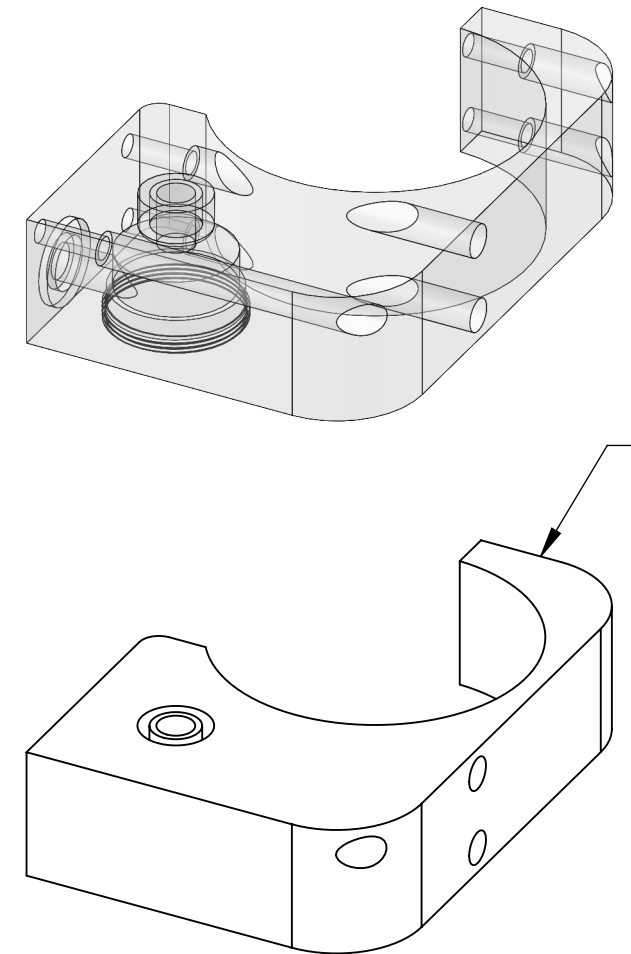
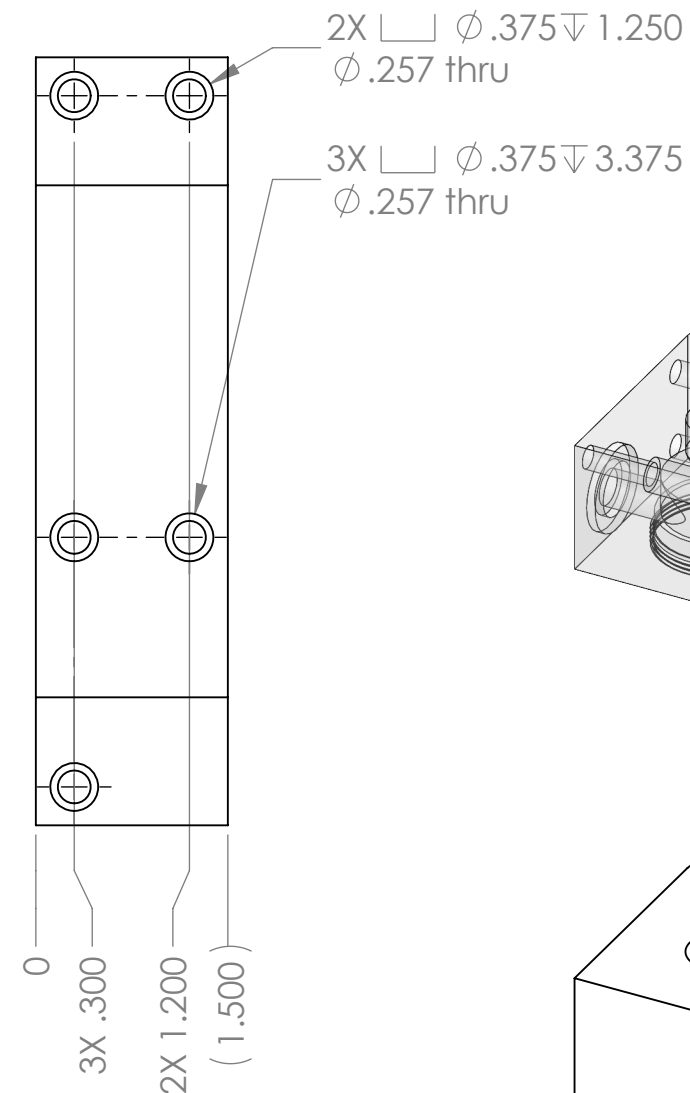
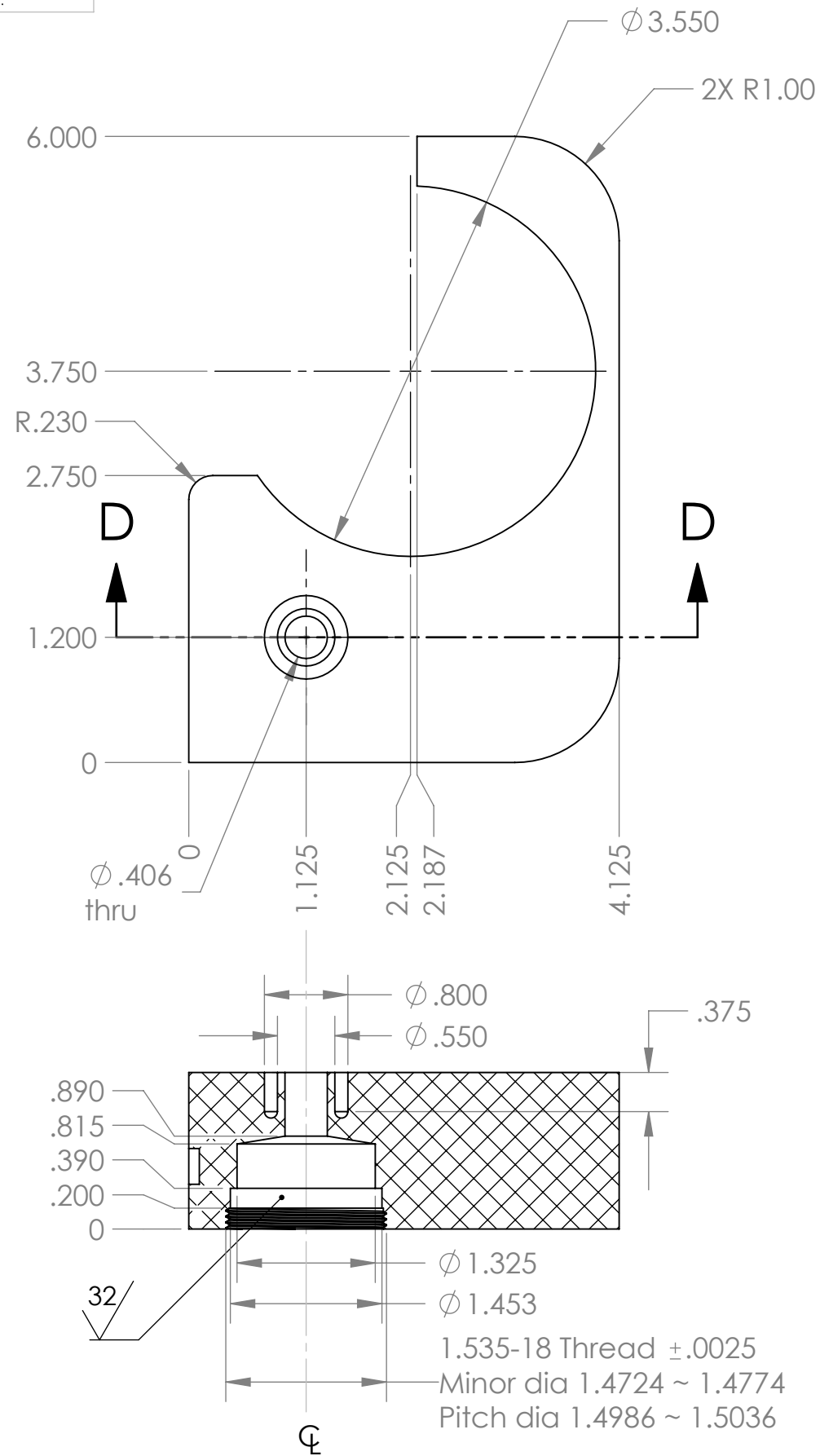
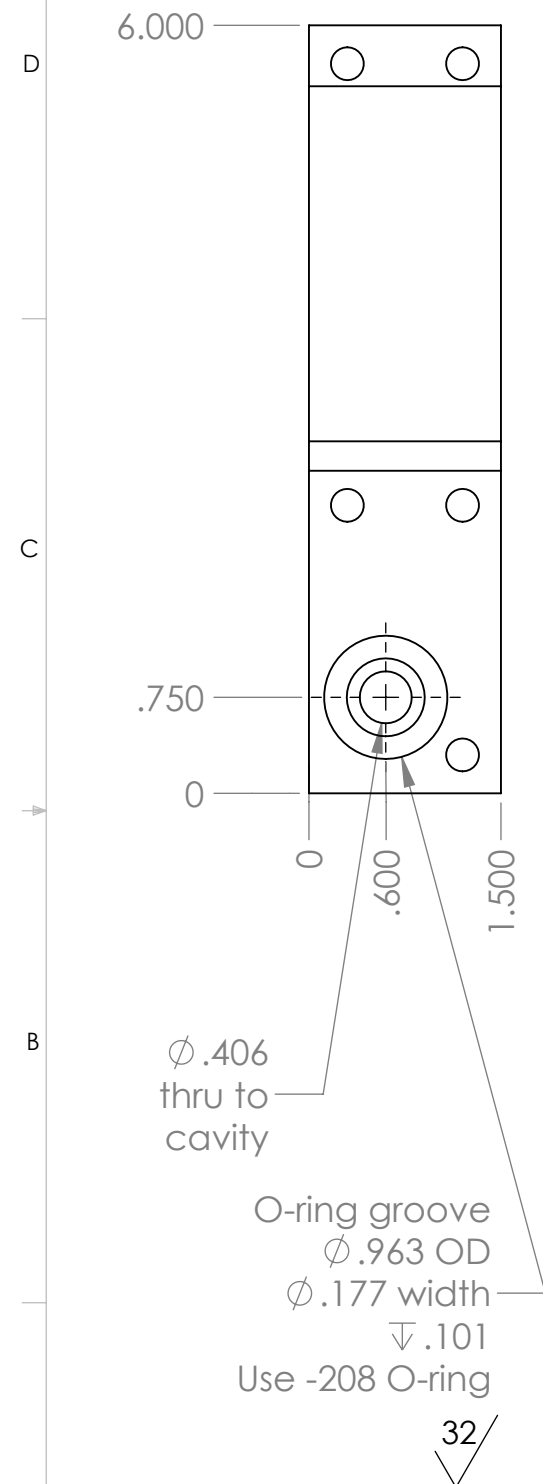
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



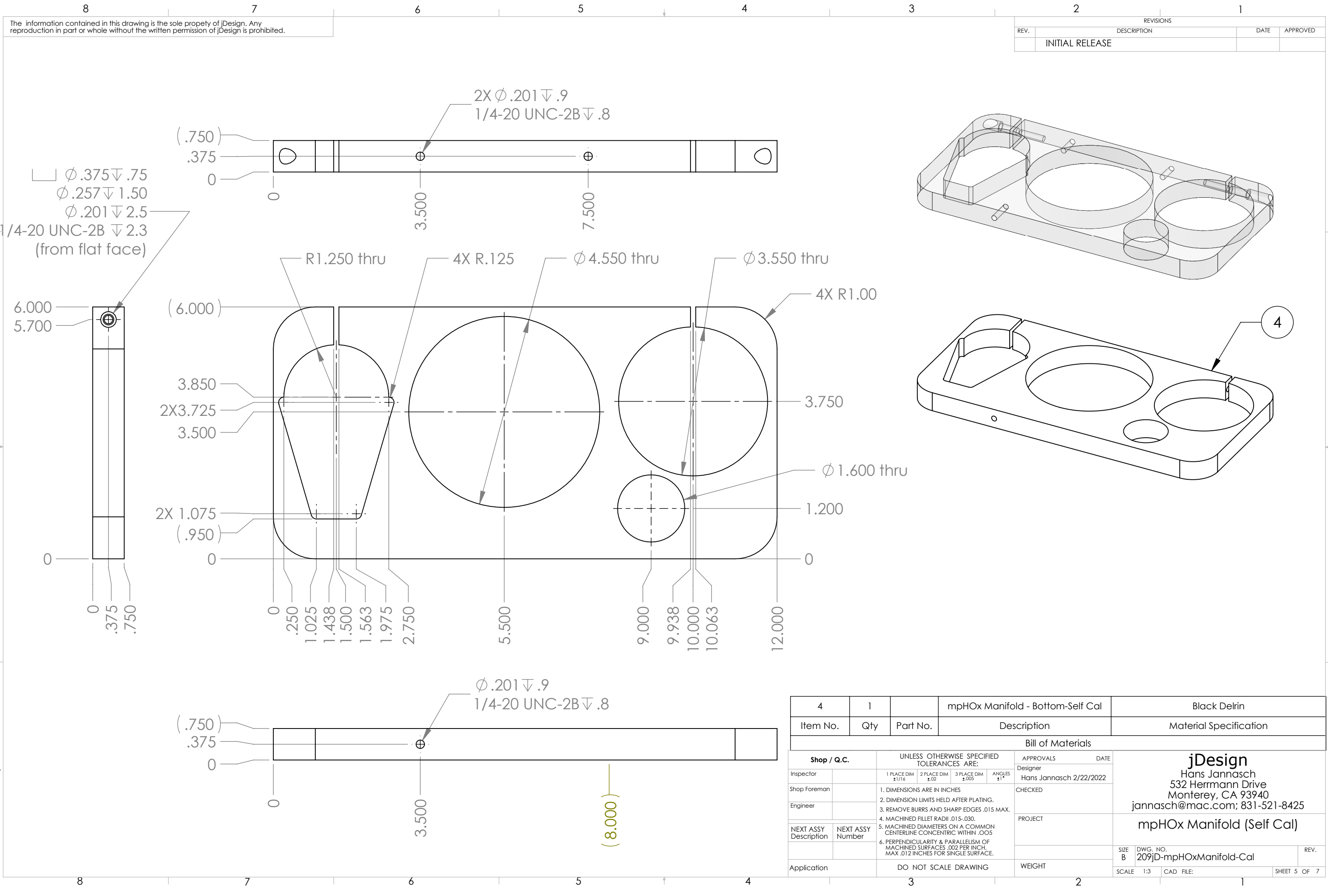
2	1	mpHOx Manifold - Middle-Self Cal		Black Delrin	
Item No.	Qty	Part No.	Description	Material Specification	
Bill of Materials					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .015-.030.			Designer Hans Jannasch 2/22/2022
Engineer		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			CHECKED
NEXT ASSY Description	NEXT ASSY Number				PROJECT
Application		DO NOT SCALE DRAWING		SIZE B DWG. NO. 209jD-mpHOxManifold-Cal REV.	
				SCALE 1:3 CAD FILE: SHEET 3 OF 7	

The information contained in this drawing is the sole property of jDesign. Any reproduction in part or whole without the written permission of jDesign is prohibited.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

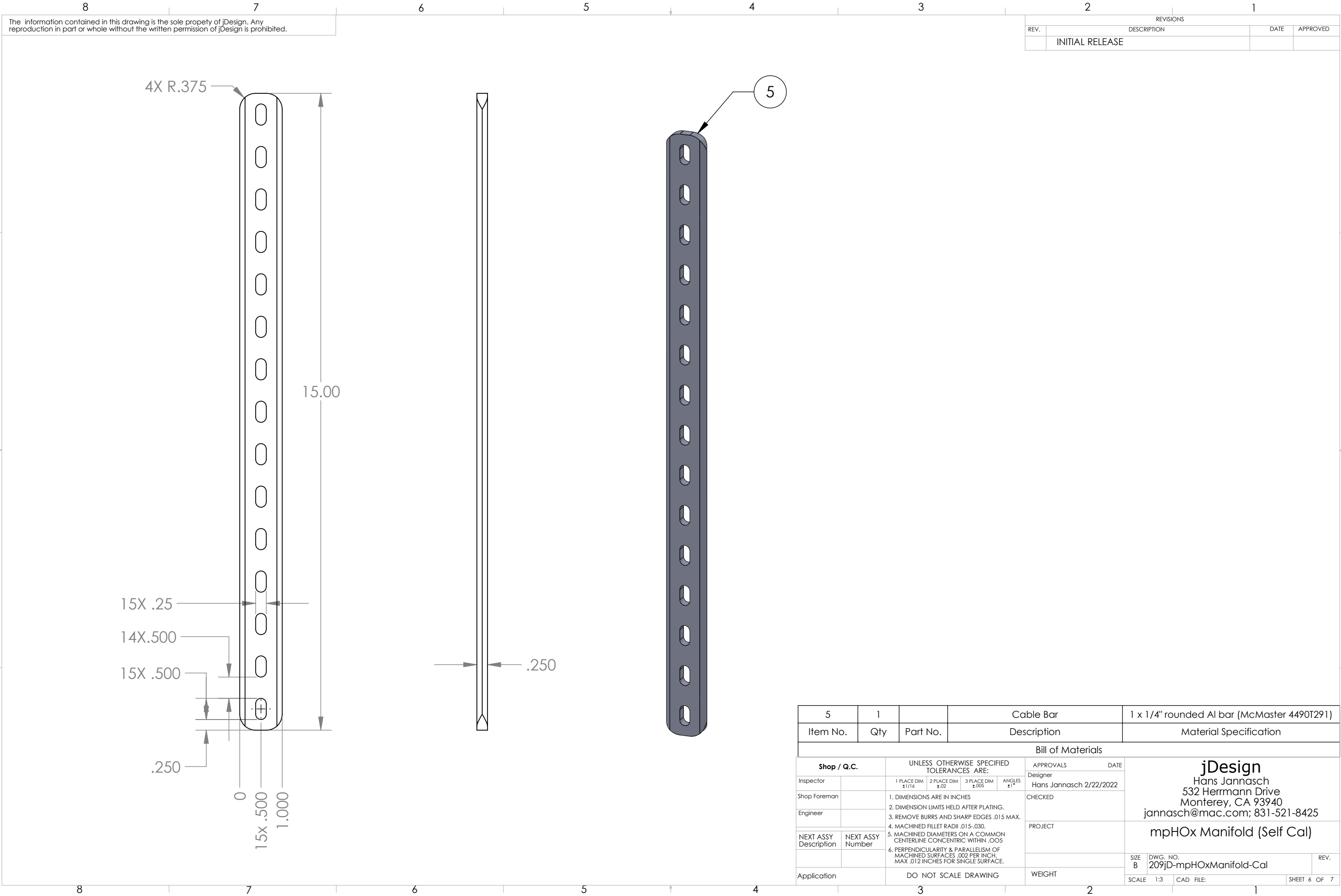


3		1		mpHOx Manifold - STD -Self Cal				Black Delrin							
Item No.		Qty		Part No.		Description				Material Specification					
Bill of Materials															
Shop / Q.C.			UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE						
Inspector				1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°		Designer Hans Jannasch 2/22/2022			
Shop Foreman				1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADIII .015-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED		jDesign Hans Jannasch 532 Herrmann Drive Monterey, CA 93940 jannasch@mac.com; 831-521-8425					
Engineer								PROJECT							
NEXT ASSY Description		NEXT ASSY Number											mpHOx Manifold (Self Cal)		
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B DWG. NO. 209JD-mpHOxManifold-Cal REV.							
		3						5		SCALE 1:3 CAD FILE:		SHEET 4 OF 7			



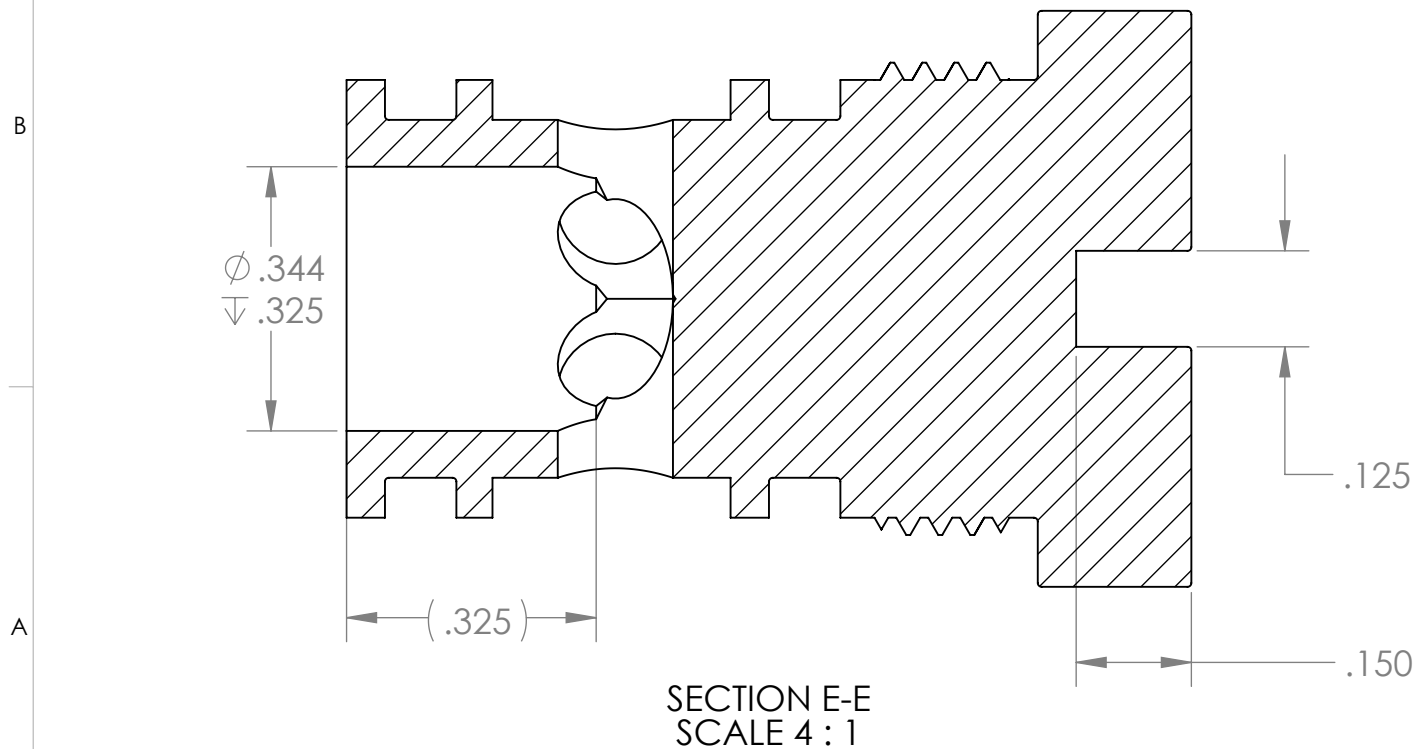
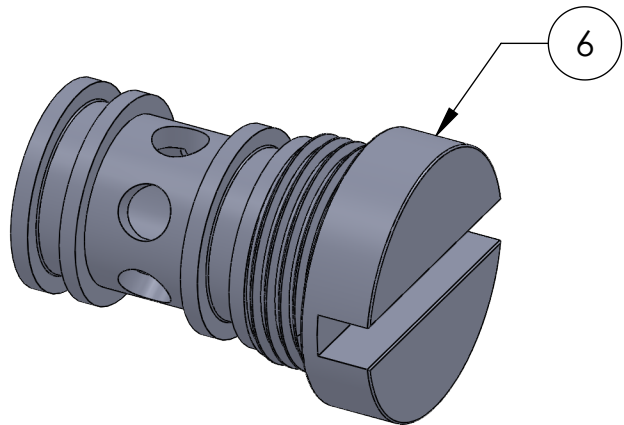
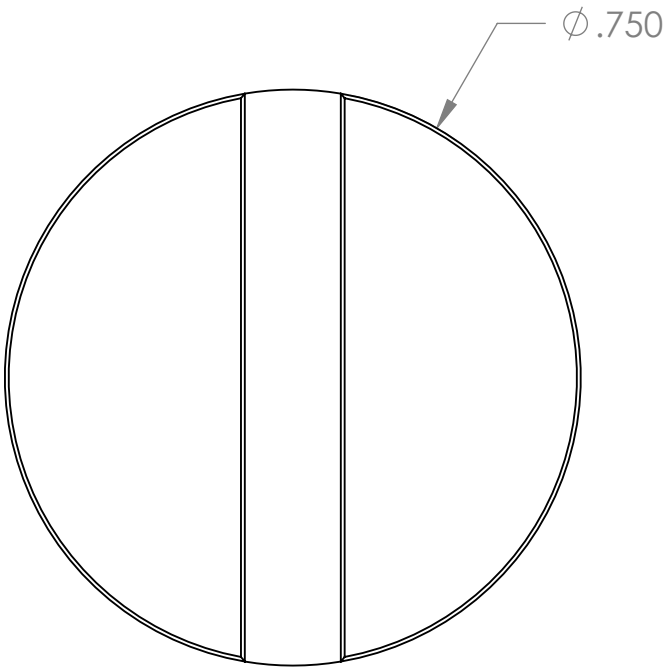
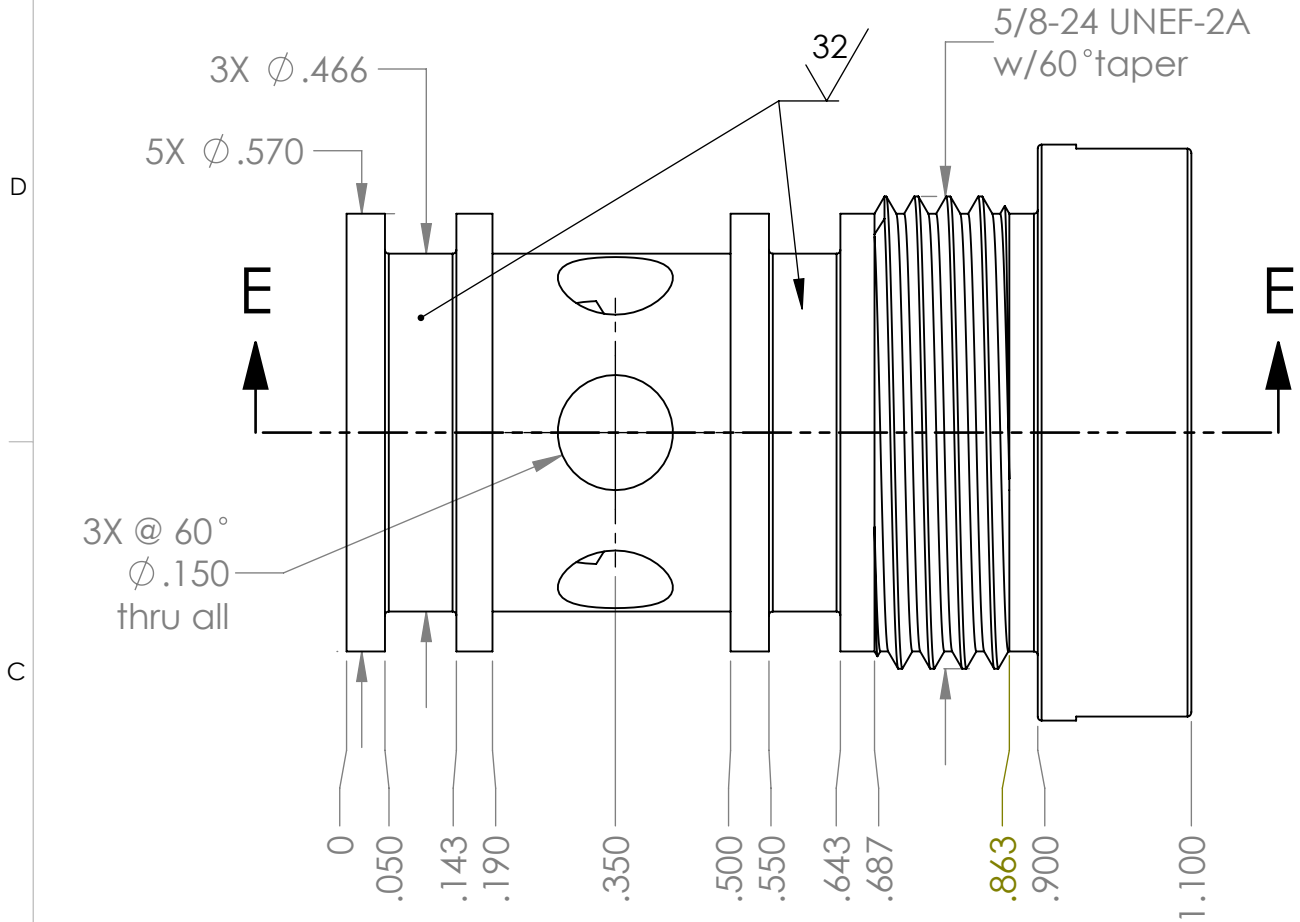
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

4		1		mpHOx Manifold - Bottom-Self Cal				Black Delrin									
Item No.		Qty		Part No.		Description				Material Specification							
Bill of Materials																	
Shop / Q.C.				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		jDesign Hans Jannasch 532 Herrmann Drive Monterey, CA 93940 jannasch@mac.com; 831-521-8425 mpHOx Manifold (Self Cal)					
Inspector				1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°						Designer Hans Jannasch 2/22/2022	
Shop Foreman				1. DIMENSIONS ARE IN INCHES												CHECKED	
Engineer				2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .015-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005												PROJECT	
NEXT ASSY Description		NEXT ASSY Number		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.								SIZE B		DWG. NO. 209JD-mpHOxManifold-Cal		REV.	
Application				DO NOT SCALE DRAWING				WEIGHT				SCALE 1:3		CAD FILE:		SHEET 5 OF 7	



The information contained in this drawing is the sole property of jDesign. Any reproduction in part or whole without the written permission of jDesign is prohibited.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



NOTE 7:
Check this part for fit into Part #2
Use -013 O-rings
Innards from check valve, McMaster PN 47155K71

6		1				Valve Screw		PEEK	
Item No.		Qty		Part No.		Description		Material Specification	
Bill of Materials									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		DESIGNER Hans Jannasch 2/22/2022	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .015-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED			
Engineer						PROJECT			
NEXT ASSY Description		NEXT ASSY Number						SIZE B	
Application		DO NOT SCALE DRAWING				WEIGHT		DWG. NO. 209JD-mpHOxManifold-Cal	
		3				2		SCALE 1:3	
								CAD FILE:	
								SHEET 7 OF 7	
								REV.	
								mpHOx Manifold (Self Cal)	
								jDesign Hans Jannasch 532 Herrmann Drive Monterey, CA 93940 jannasch@mac.com; 831-521-8425	