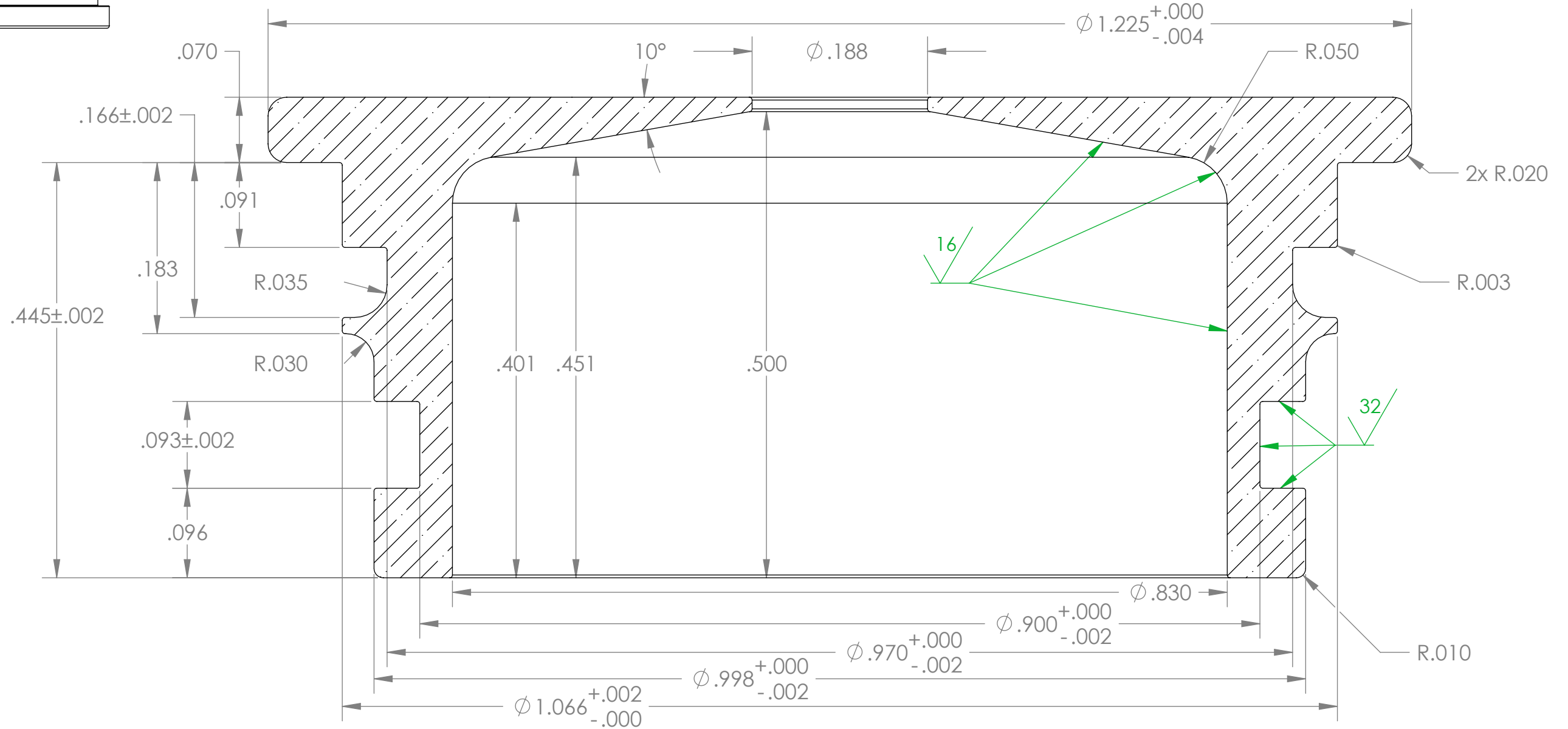
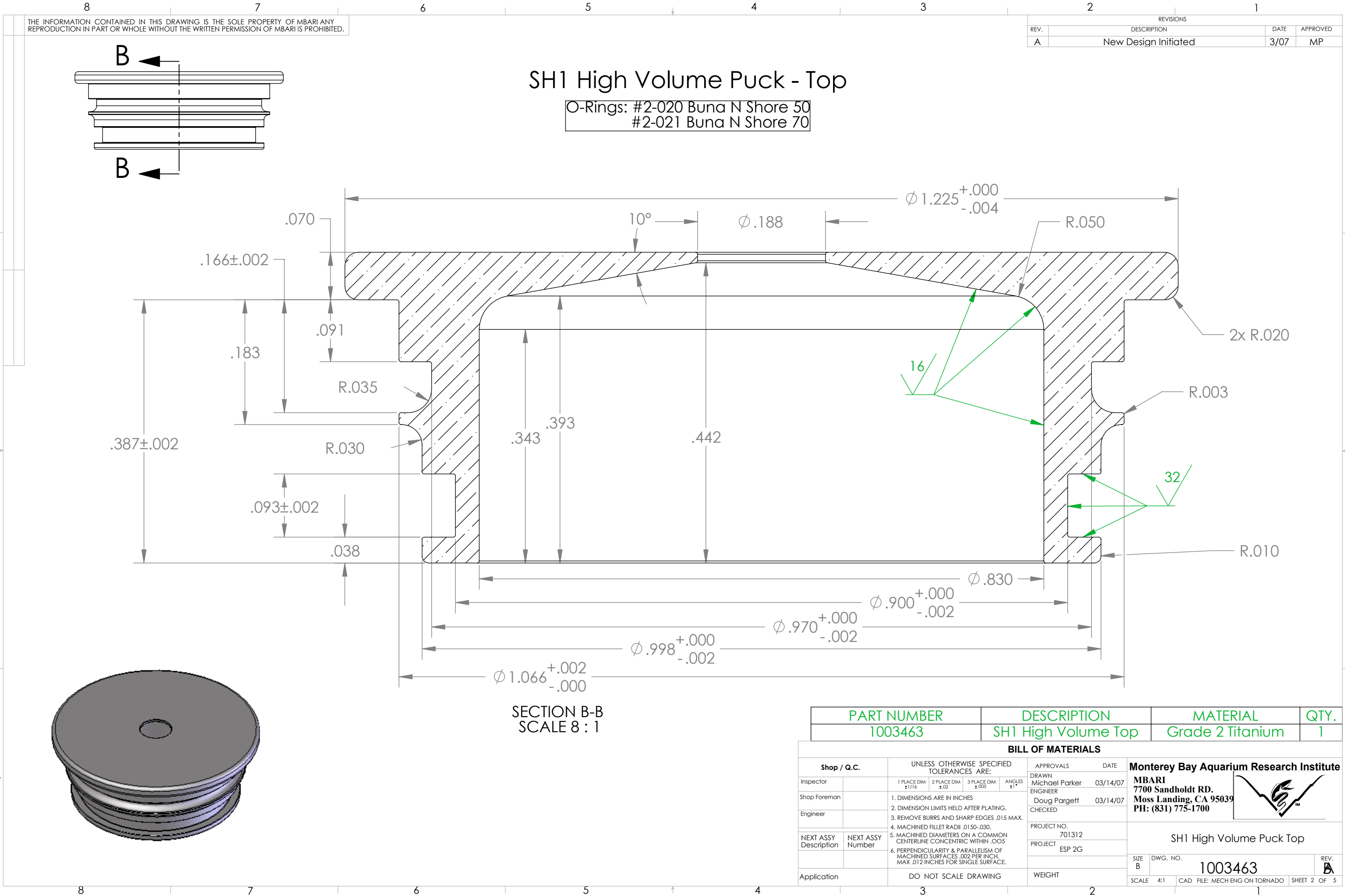


O-Rings: #2-020 Buna n Shore 50 #2-021 Buna N Shore 70



PART NUMBER 1003462		DESCRIPTION SH1 Puck Top		MATERIAL Grade 2 Titanium		QTY. 1	
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°	DRAWN Michael Parker	03/15/07
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 .0150-.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.				ENGINEER Doug Pargett	03/15/07
Engineer						CHECKED	
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 701312	
Application		DO NOT SCALE DRAWING		PROJECT ESP 2G		SH1 Puck Top	
		3		2		1	



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	New Design Initiated	3/07	MP

O-Rings: #2-020 Buna N Shore 50
#2-021 Buna N Shore 70

SECTION B-B
SCALE 8 : 1

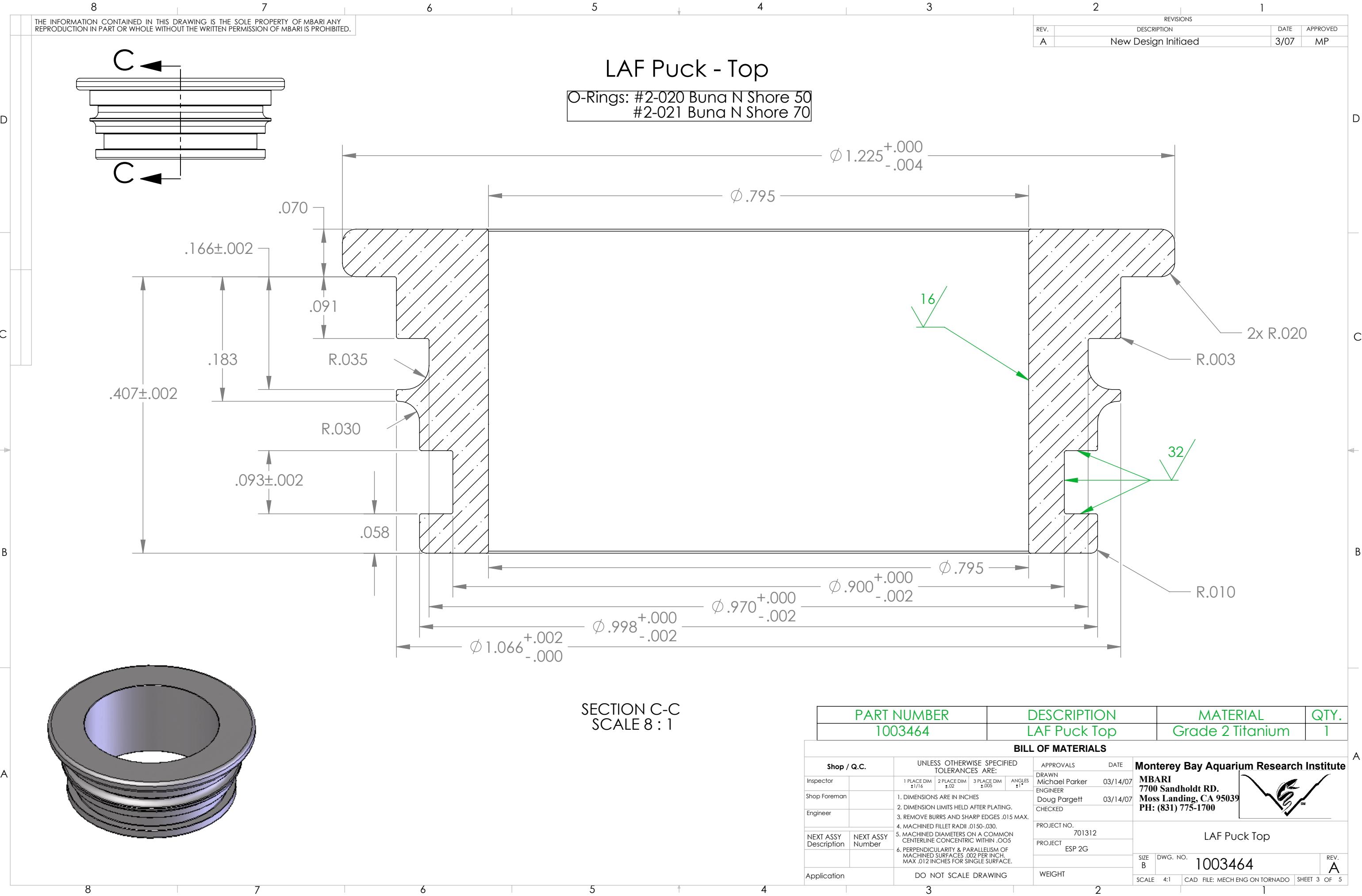
PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1003463	SH1 High Volume Top	Grade 2 Titanium	1

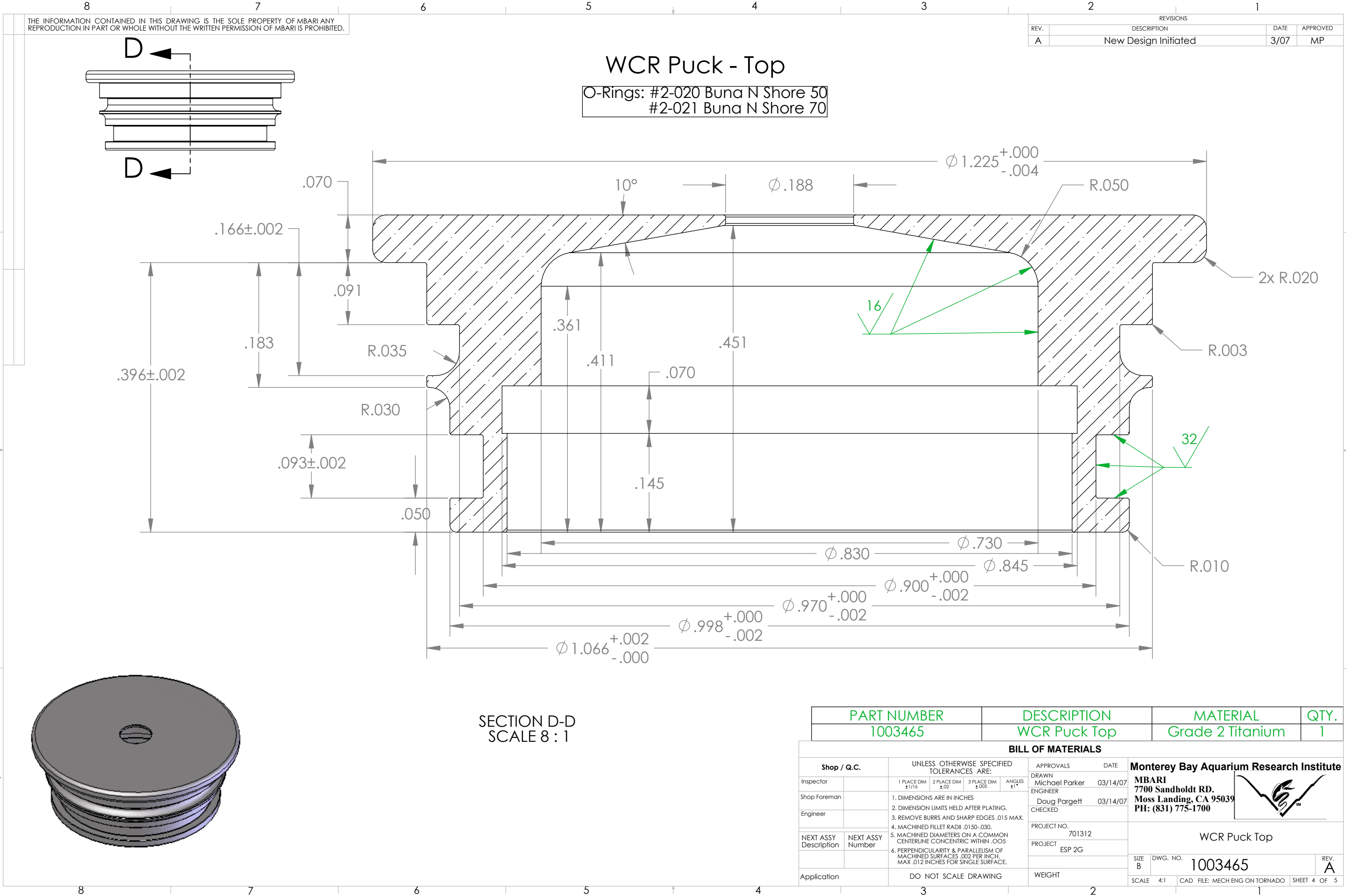
BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°
Engineer		1. DIMENSIONS ARE IN INCHES	2. DIMENSION LIMITS HELD AFTER PLATING.
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.	4. MACHINED FILLET RADII .0150-.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.
Application		DO NOT SCALE DRAWING	WEIGHT
		DATE	701312
		PROJECT	ESP 2G
		SIZE B	DWG. NO. 1003463
		SCALE 4:1	CAD FILE: MECH ENG ON TORNADO
		SHEET 2 OF 5	REV. A

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SH1 High Volume Puck Top





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WCR Puck - Top
O-Rings: #2-020 Buna N Shore 50
#2-021 Buna N Shore 70

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	New Design Initiated	3/07	MP

SECTION D-D
SCALE 8 : 1

PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1003465	WCR Puck Top	Grade 2 Titanium	1

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		1. DIMENSIONS ARE IN INCHES	2. DIMENSION LIMITS HELD AFTER PLATING.
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.	4. MACHINED FILLET RADII .0150-.030.
Application		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.
DO NOT SCALE DRAWING		WEIGHT	

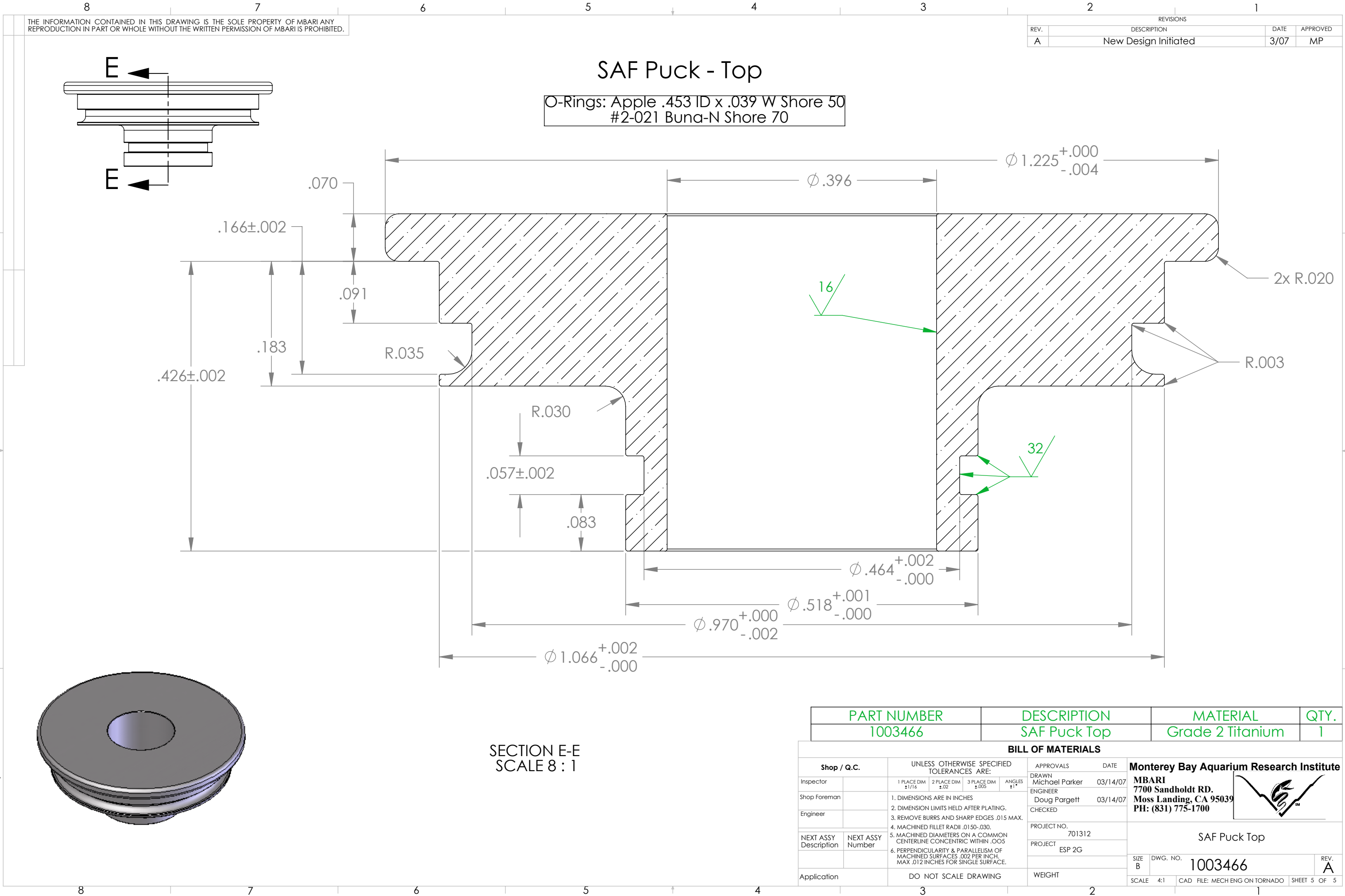
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PH: (831) 775-1700



WCR Puck Top

SIZE B DWG. NO. 1003465 REV. A

SCALE 4:1 CAD FILE: MECH ENG ON TORNADO SHEET 4 OF 5



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	New Design Initiated	3/07	MP

SAF Puck - Top

O-Rings: Apple .453 ID x .039 W Shore 50
#2-021 Buna-N Shore 70

PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1003466	SAF Puck Top	Grade 2 Titanium	1

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		1. DIMENSIONS ARE IN INCHES	2. DIMENSION LIMITS HELD AFTER PLATING.
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.	4. MACHINED FILLET RADII .0150-.030.
NEXT ASSY Description	NEXT ASSY Number	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.
Application		DO NOT SCALE DRAWING	WEIGHT
		APPROVALS	DATE
		DRAWN Michael Parker	03/14/07
		ENGINEER Doug Pargett	03/14/07
		CHECKED	
		PROJECT NO. 701312	
		PROJECT ESP 2G	
		WEIGHT	
		SIZE B	DWG. NO. 1003466
		SCALE 4:1	CAD FILE: MECH ENG ON TORNADO SHEET 5 OF 5

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SAF Puck Top

A