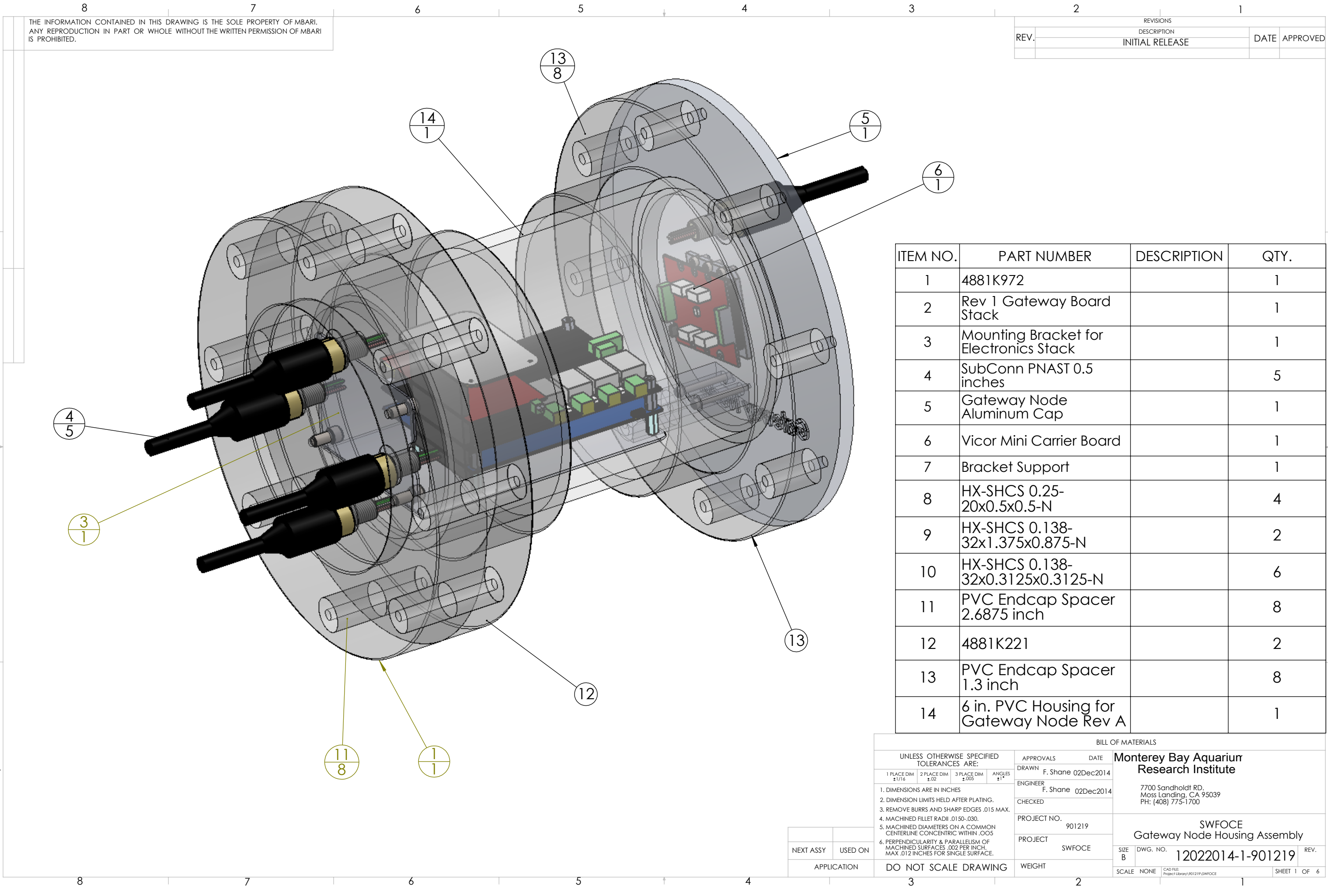


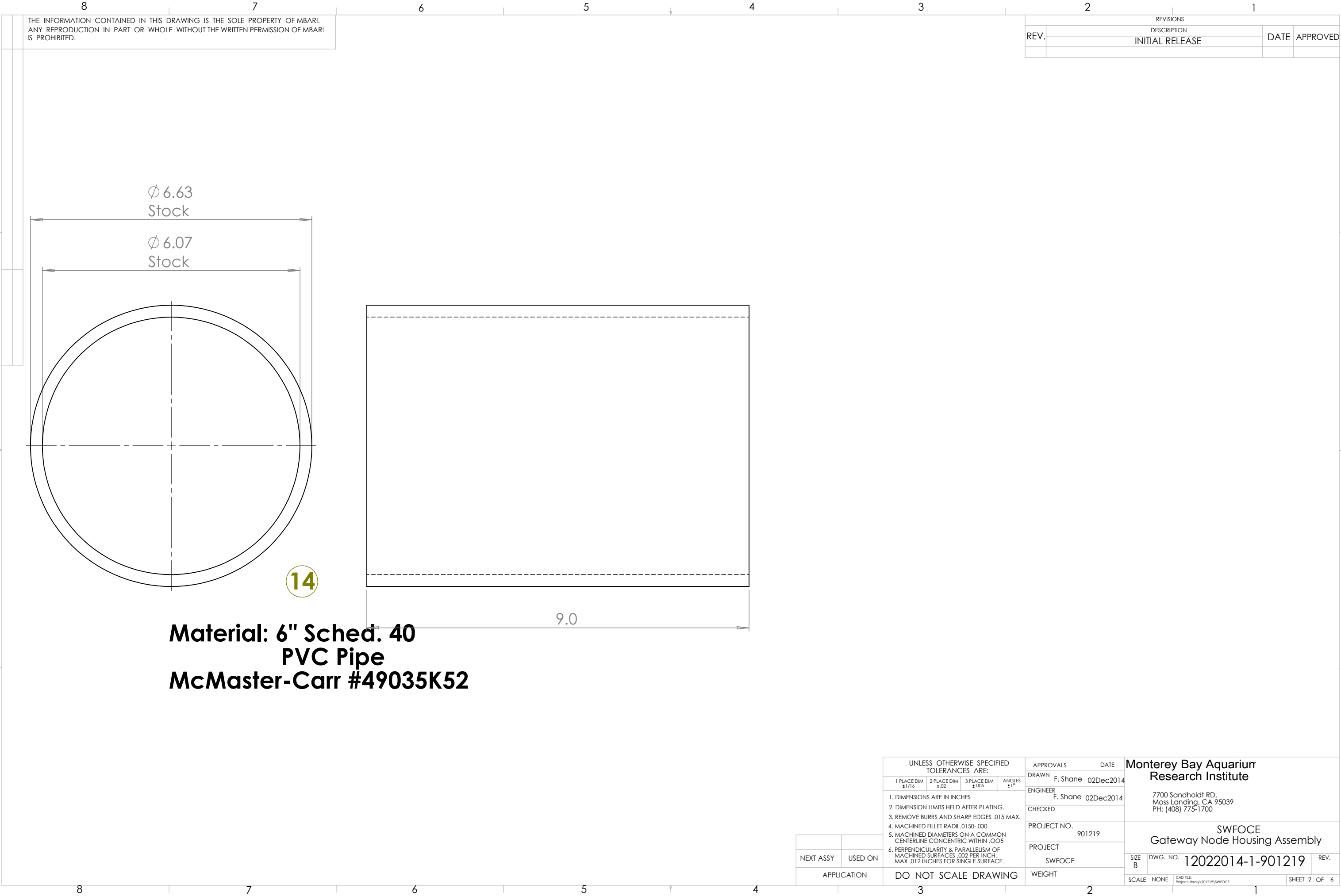


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4881K972		1
2	Rev 1 Gateway Board Stack		1
3	Mounting Bracket for Electronics Stack		1
4	SubConn PNA5T 0.5 inches		5
5	Gateway Node Aluminum Cap		1
6	Vicor Mini Carrier Board		1
7	Bracket Support		1
8	HX-SHCS 0.25-20x0.5x0.5-N		4
9	HX-SHCS 0.138-32x1.375x0.875-N		2
10	HX-SHCS 0.138-32x0.3125x0.3125-N		6
11	PVC Endcap Spacer 2.6875 inch		8
12	4881K221		2
13	PVC Endcap Spacer 1.3 inch		8
14	6 in. PVC Housing for Gateway Node Rev A		1

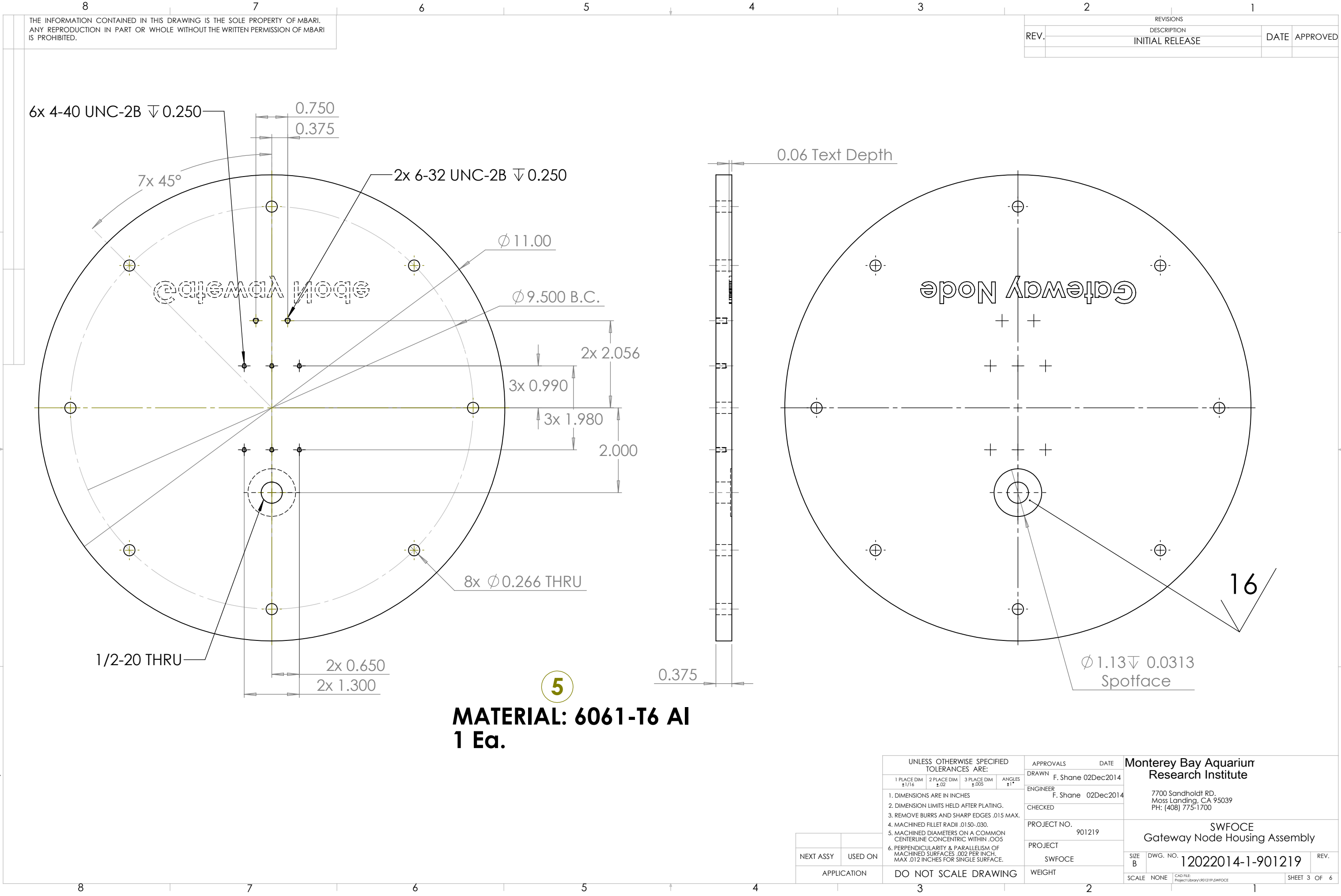
BILL OF MATERIALS						
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE	Monterey Bay Aquarium Research Institute 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700	
		DRAWN	F. Shane 02Dec2014			
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER		F. Shane 02Dec2014
1. DIMENSIONS ARE IN INCHES				CHECKED		
2. DIMENSION LIMITS HELD AFTER PLATING.				SWFOCE Gateway Node Housing Assembly		
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.				PROJECT NO. 901219		
DO NOT SCALE DRAWING				PROJECT	SWFOCE	
				WEIGHT		
3		2		1		
SCALE		NONE		CAD FILE: Project Library\901219\SWFOCE		
SHEET 1		OF 6				

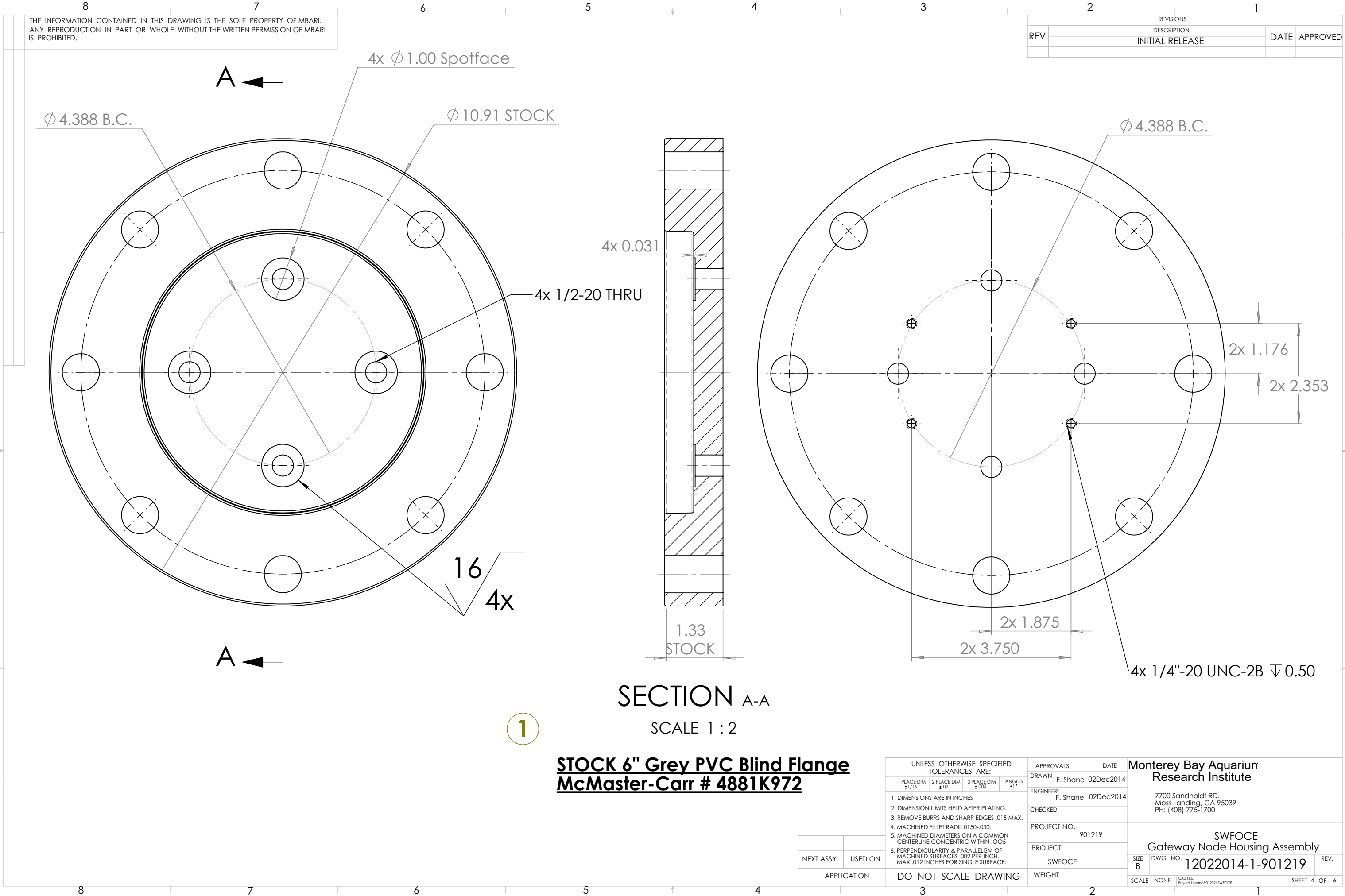


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700 SWFOCE Gateway Node Housing Assembly									
1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°						DRAWN		F. Shane		02Dec2014	
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		F. Shane		02Dec2014	
												CHECKED					
DO NOT SCALE DRAWING								PROJECT NO.				901219					
								PROJECT				SWFOCE					
DO NOT SCALE DRAWING								WEIGHT				SIZE B					
								SCALE				NONE		CAD FILE Project Library\901219\SWFOCE		DWG. NO.	
DO NOT SCALE DRAWING								SHEET 2 OF 6									





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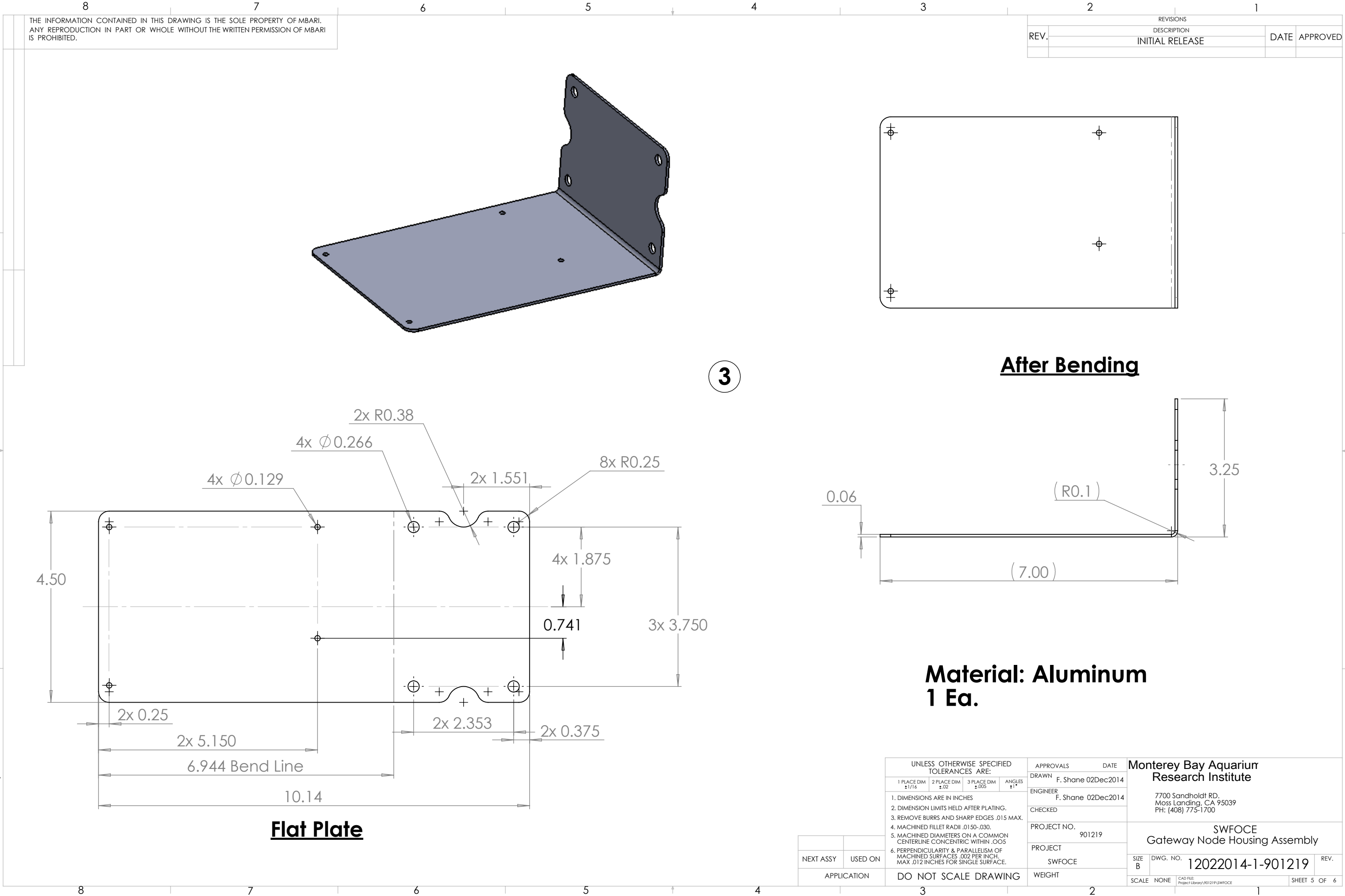
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

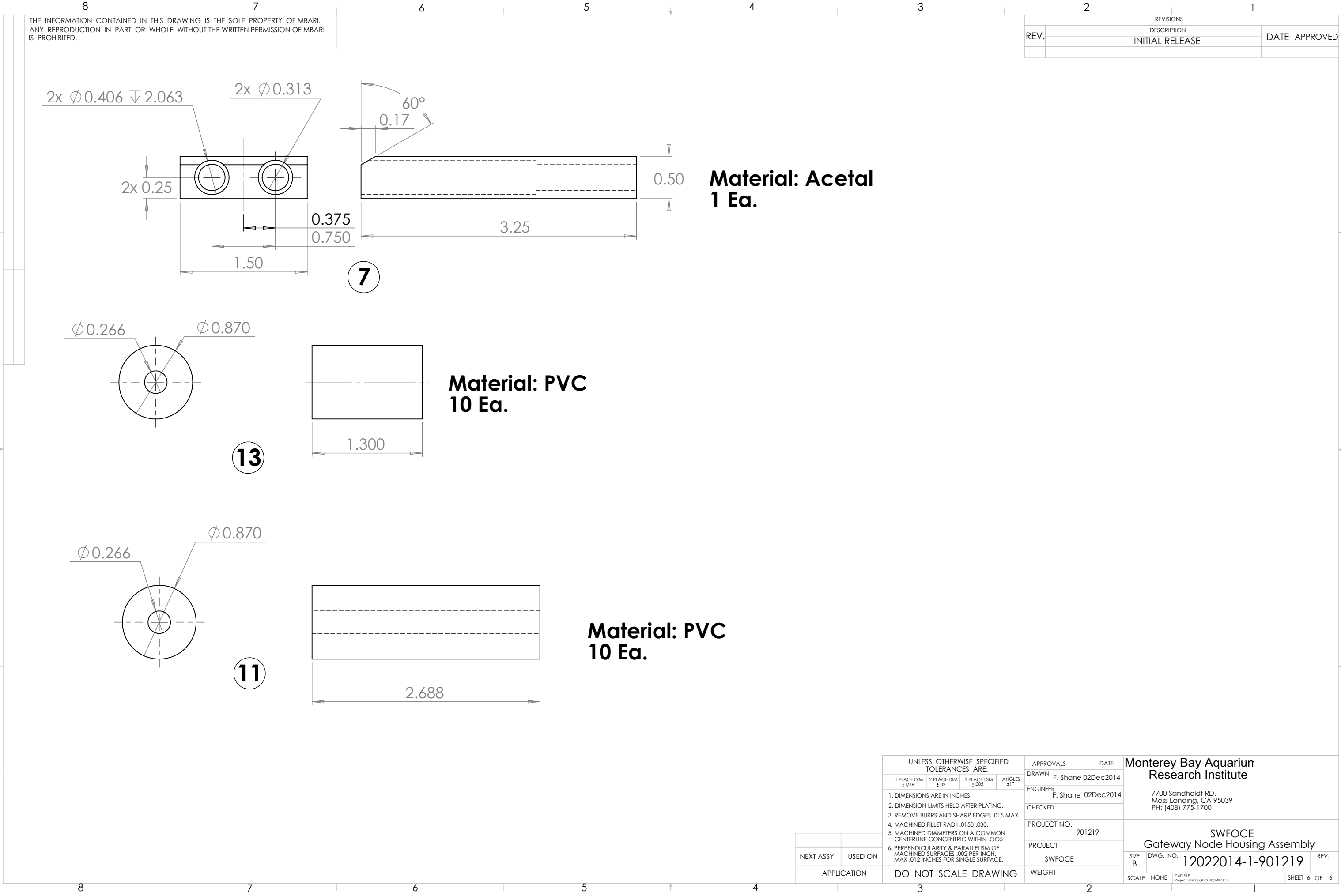
SECTION A-A

SCALE 1 : 2

STOCK 6" Grey PVC Blind Flange
McMaster-Carr # 4881K972

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	F. Shane	02Dec2014		7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700	
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	F. Shane	02Dec2014			
				CHECKED				SWFOCE Gateway Node Housing Assembly	
				PROJECT NO.	901219				
				PROJECT	SWFOCE			SIZE B	DWG. NO. 12022014-1-901219
				WEIGHT				SCALE NONE	REV.
DO NOT SCALE DRAWING				SHEET 4 OF 6					





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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700 SWFOCE Gateway Node Housing Assembly					
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	F. Shane 02Dec2014		ENGINEER					F. Shane 02Dec2014	
1. DIMENSIONS ARE IN INCHES				CHECKED			PROJECT NO.					901219	
2. DIMENSION LIMITS HELD AFTER PLATING.									PROJECT				
3. REMOVE BURRS AND SHARP EDGES .015 MAX.									SWFOCE				
4. MACHINED FILLET RADII .0150-.030.									WEIGHT				
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.									SCALE	NONE	CAD FILE Project Library\901219\SWFOCE		
DO NOT SCALE DRAWING											SHEET 6 OF 6		

NEXT ASSY	USED ON
APPLICATION	

SIZE B	DWG. NO.	REV.
	12022014-1-901219	

SHEET 6 OF 6