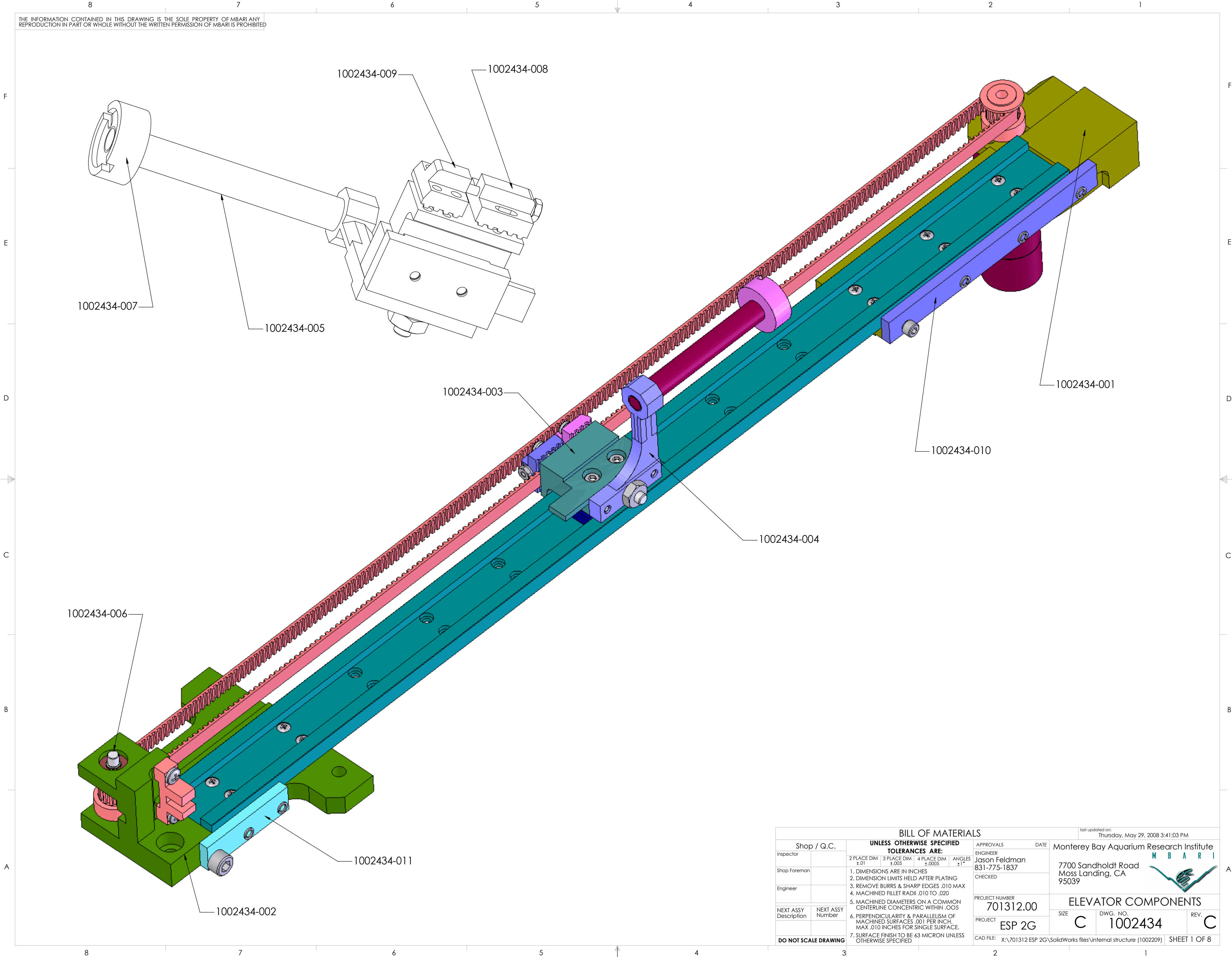
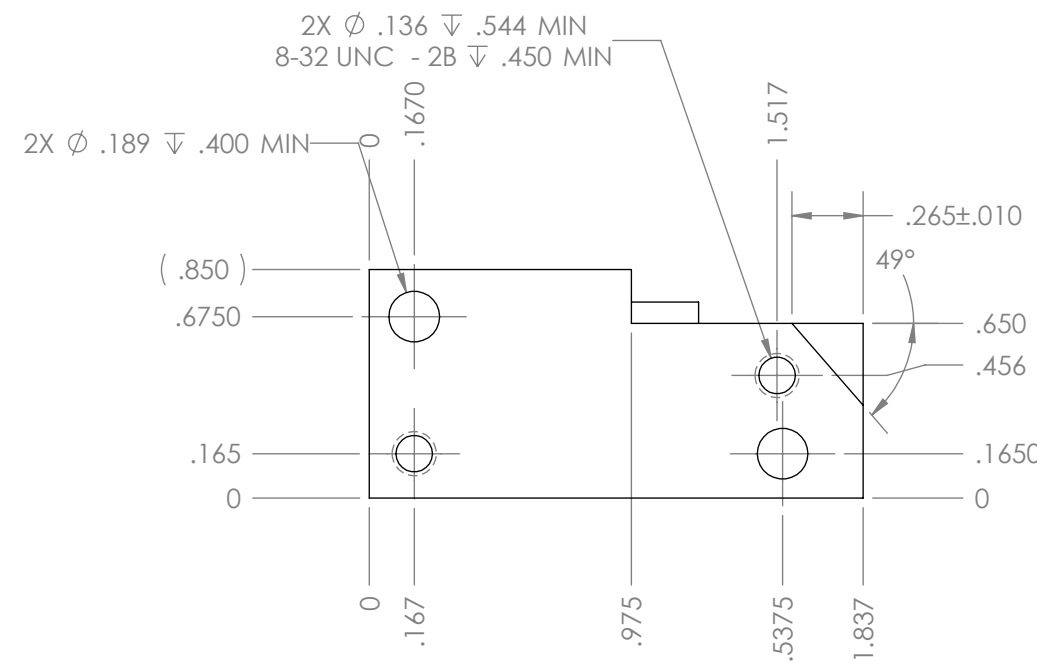
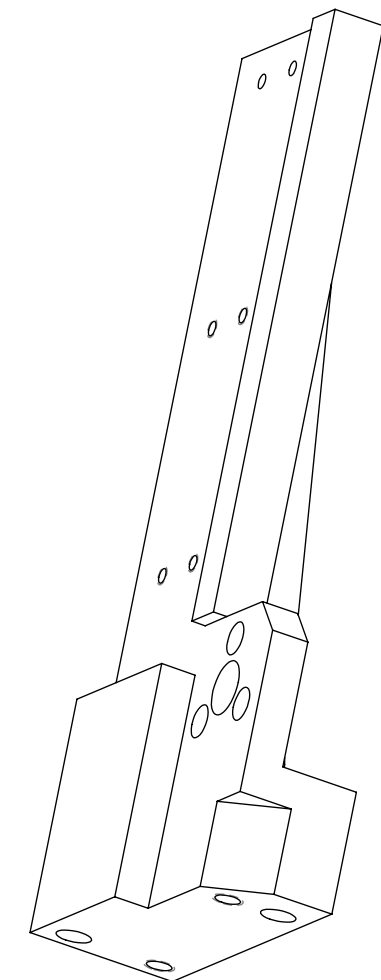
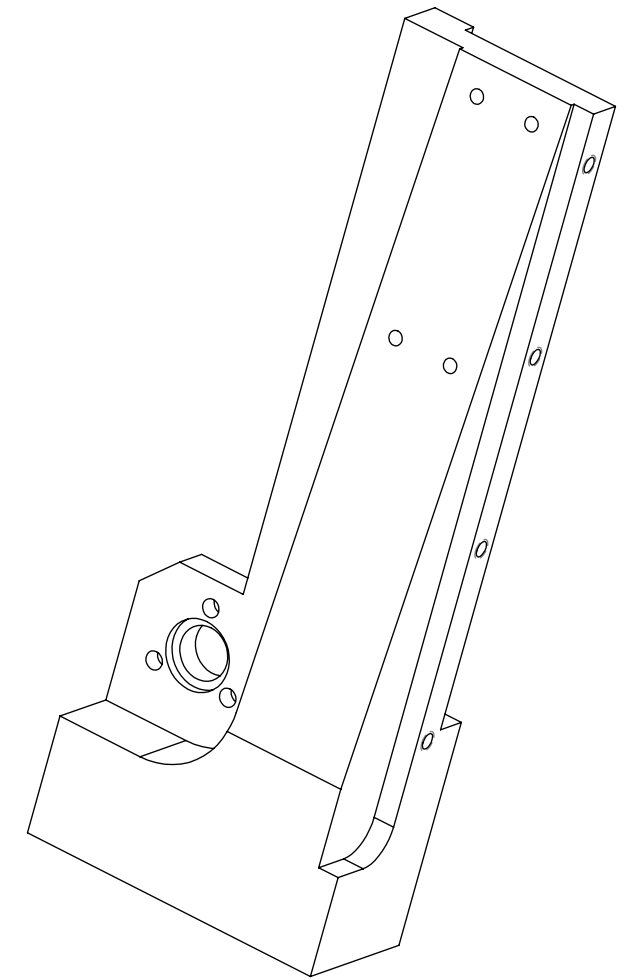
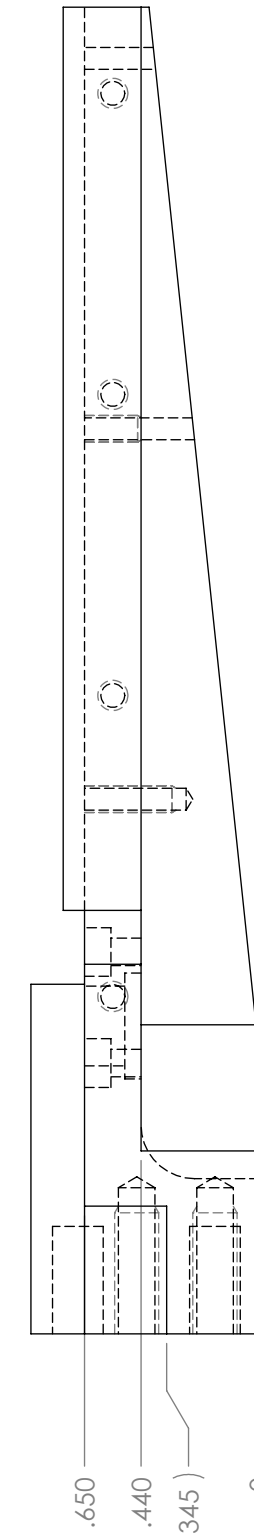




BILL OF MATERIALS					last updated on: Thursday, May 29, 2008 3:41:03 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	DATE	Monterey Bay Aquarium Research Institute M B A R I 7700 Sandholdt Road Moss Landing, CA 95039 
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020			ENGINEER Jason Feldman 831-775-1837	
Engineer		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			CHECKED	
NEXT ASSY Description		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .010 INCHES FOR SINGLE SURFACE.			PROJECT NUMBER 701312.00	
NEXT ASSY Number		7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			PROJECT ESP 2G	
DO NOT SCALE DRAWING					CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209)	ELEVATOR COMPONENTS
					SIZE C	DWG. NO. 1002434
					REV. C	
					SHEET 1 OF 8	

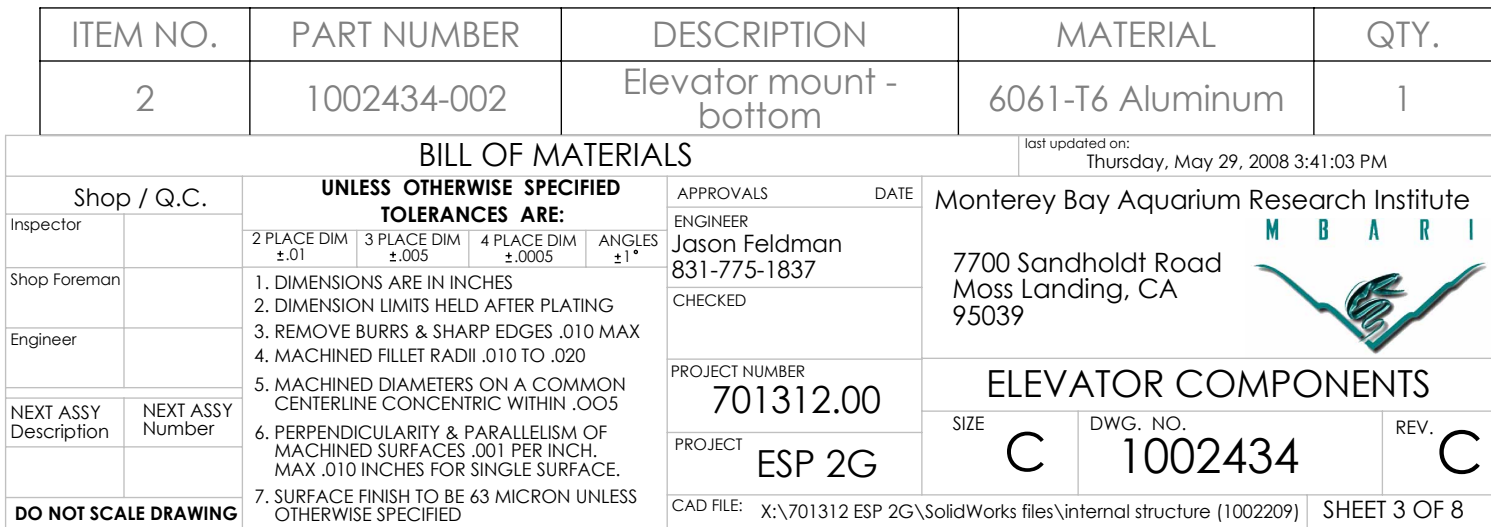


SECTION A-A
(partial)

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	1002434-001	elevator motor mount	6061-T6 Aluminum	1

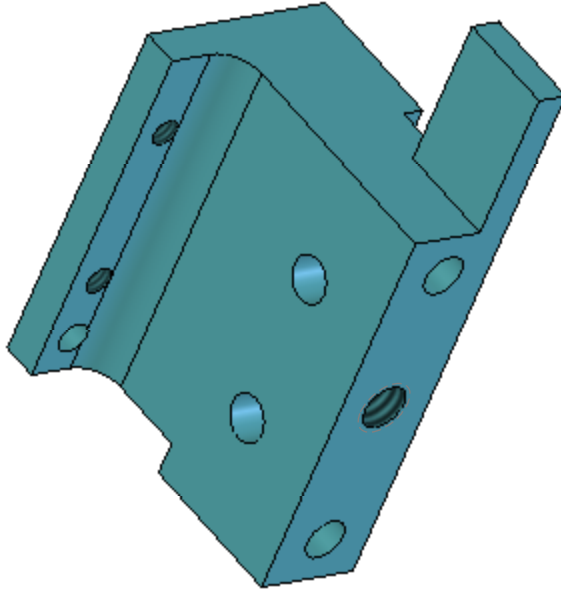
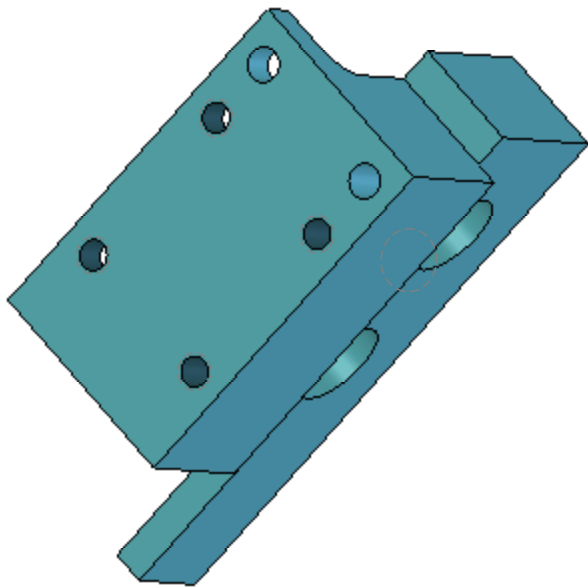
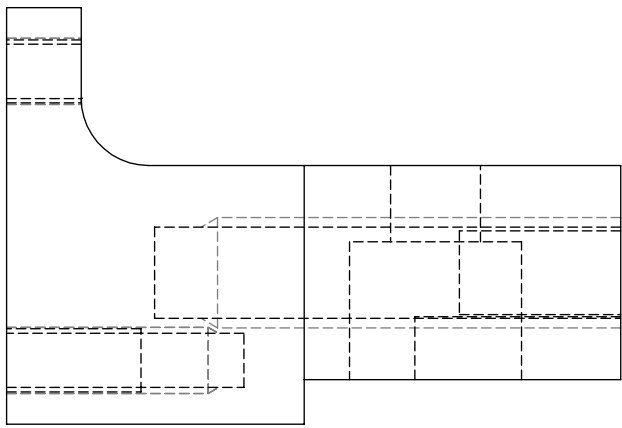
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: 2 PLACE DIM ±.01 3 PLACE DIM ±.005 4 PLACE DIM ±.0005 ANGLES ±1°		APPROVALS	DATE	Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 95039 
				INSPECTOR	ENGINEER	
Inspector				Jason Feldman	831-775-1837	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		CHECKED		
Engineer		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH MAX .010 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 43 MICRON UNLESS OTHERWISE SPECIFIED		PROJECT NUMBER	701312.00	
NEXT ASSY Description	NEXT ASSY Number			PROJECT	ESP 2G	
DO NOT SCALE DRAWING				ELEVATOR COMPONENTS		
				SIZE	DWG. NO.	REV.
				C	1002434	C
		CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209)		SHEET 2 OF 8		

1002434-002
ELEVATOR MOUNT - BOTTOM



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1002434-003
ELEVATOR CAR - BASE



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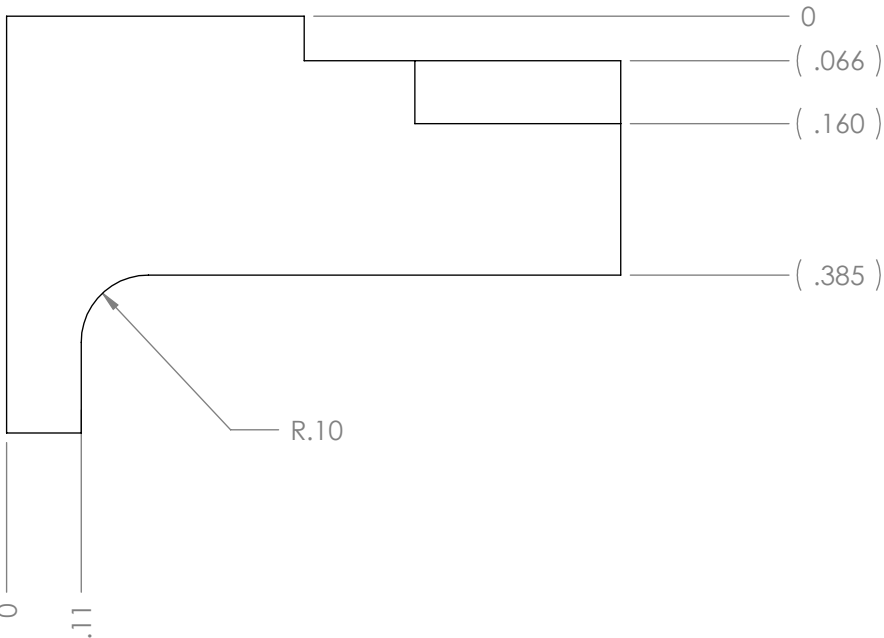
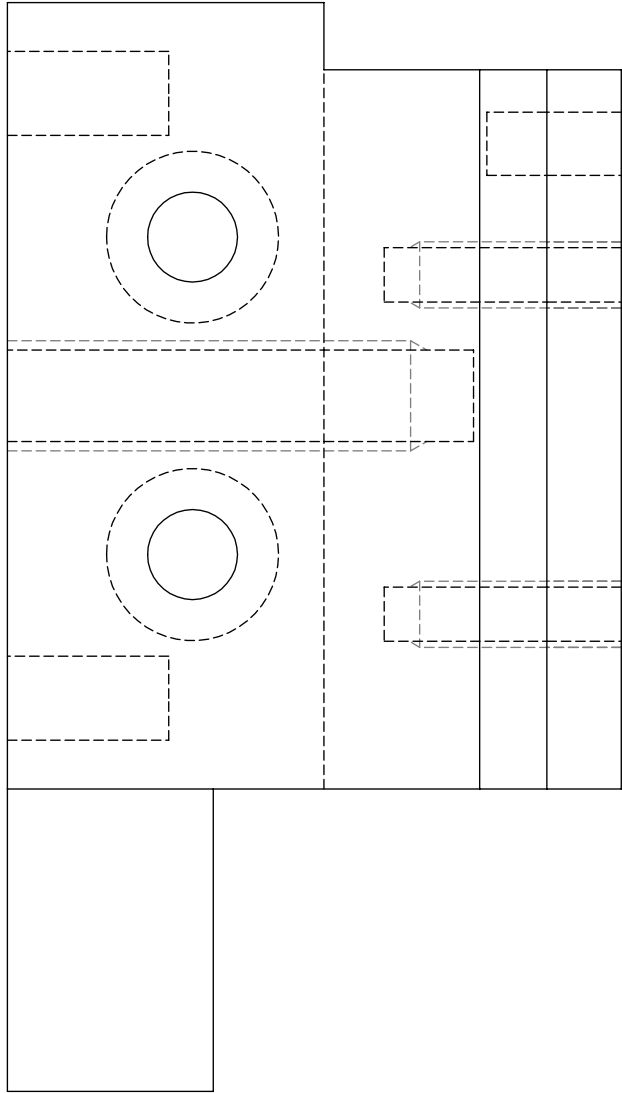
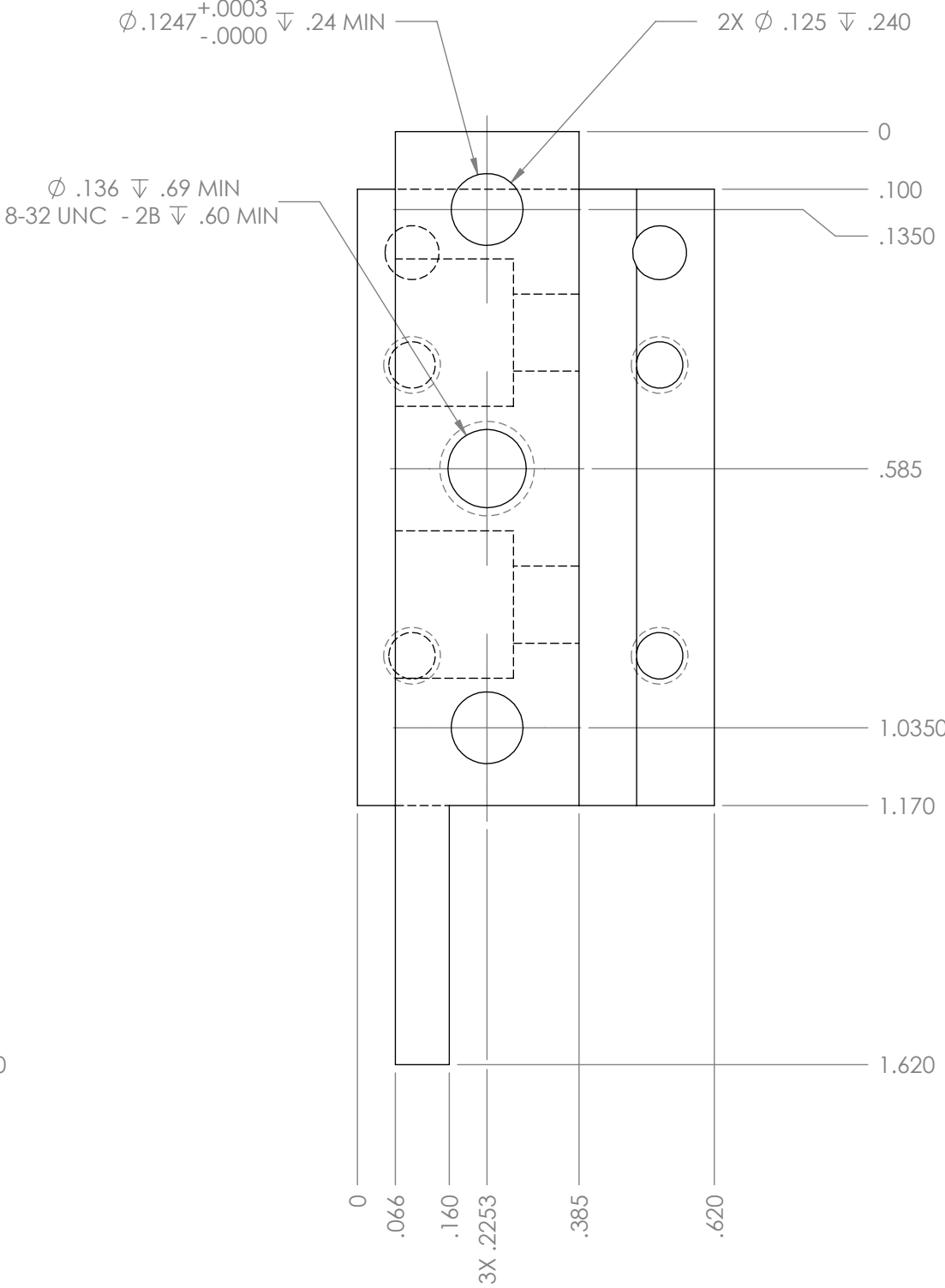
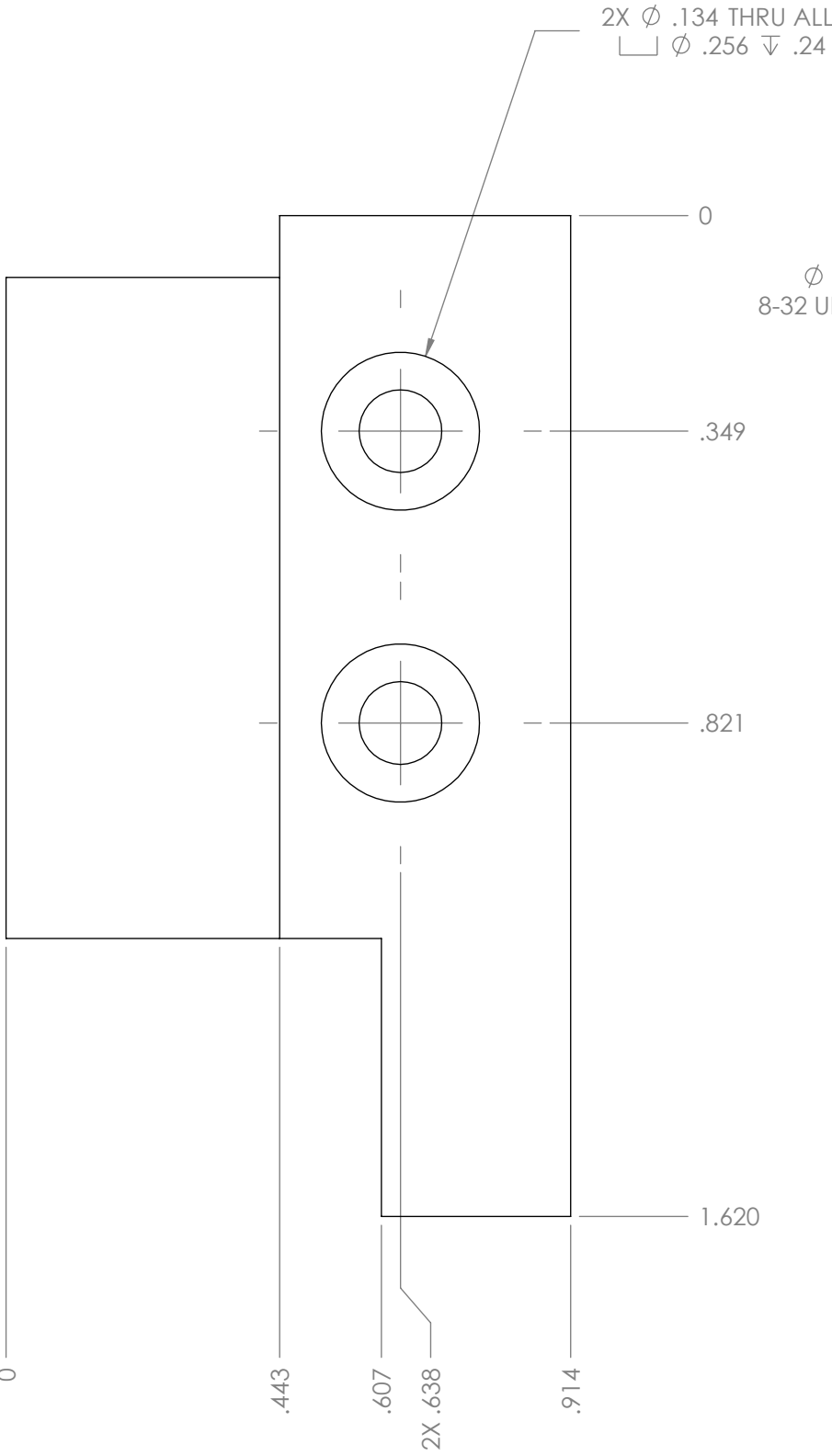
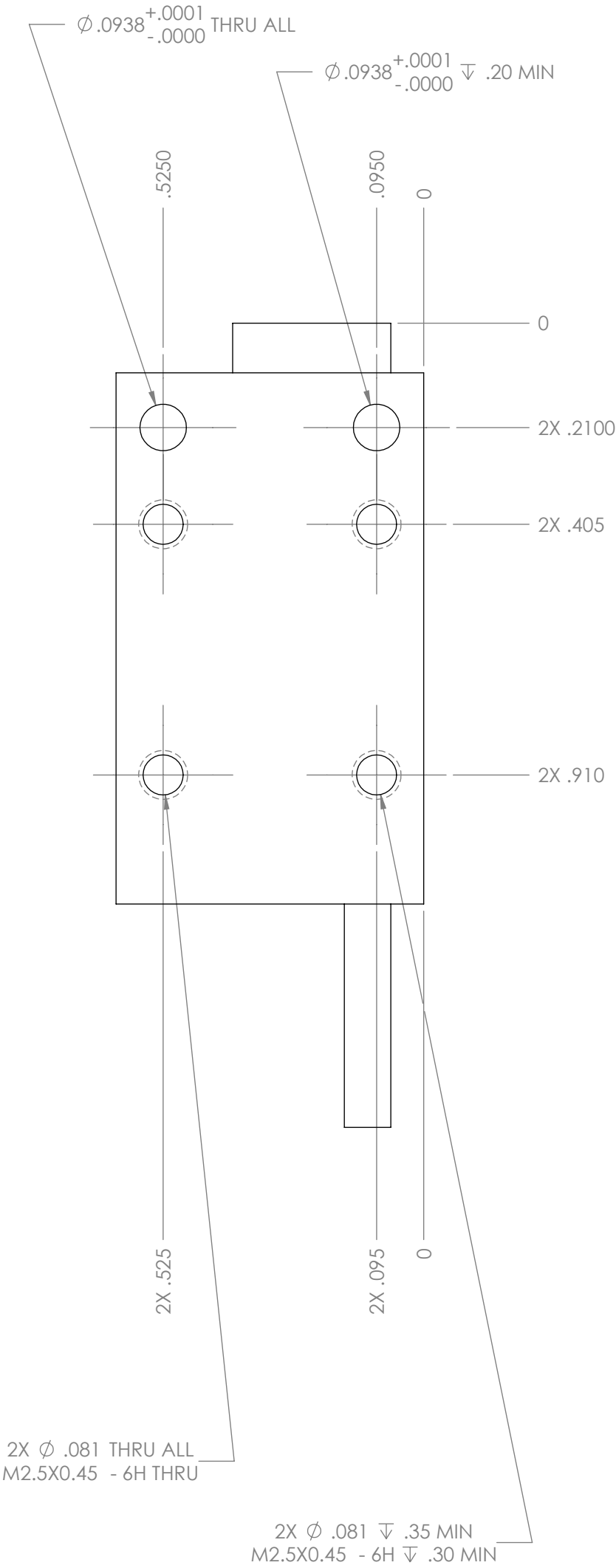
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ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
3	1002434-003	Elevator car - base	17-4 Stainless Steel	1

BILL OF MATERIALS				last updated on: Thursday, May 29, 2008 3:41:03 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		2 PLACE DIM $\pm .01$	3 PLACE DIM $\pm .005$	4 PLACE DIM $\pm .0005$	ANGLES $\pm 1^{\circ}$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		ENGINEER Jason Feldman 831-775-1837	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING		CHECKED	
NEXT ASSY Description		3. REMOVE BURRS & SHARP EDGES .010 MAX		PROJECT NUMBER 701312.00	
NEXT ASSY Number		4. MACHINED FILLET RADII .010 TO .020		PROJECT ESP 2G	
DO NOT SCALE DRAWING		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		C	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .010 INCHES FOR SINGLE SURFACE.		DWG. NO. 1002434	
		7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED		REV. C	
				CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209)	

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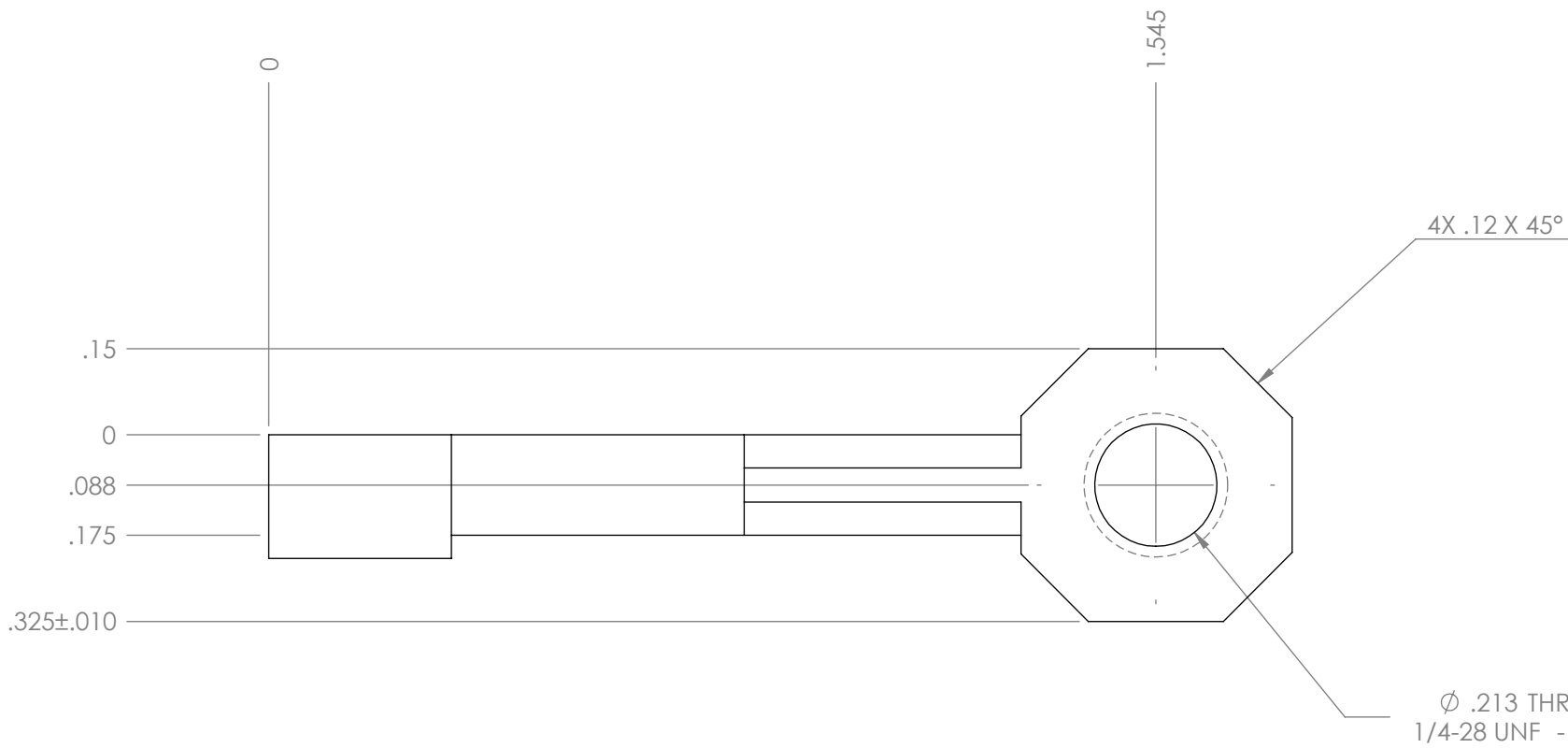
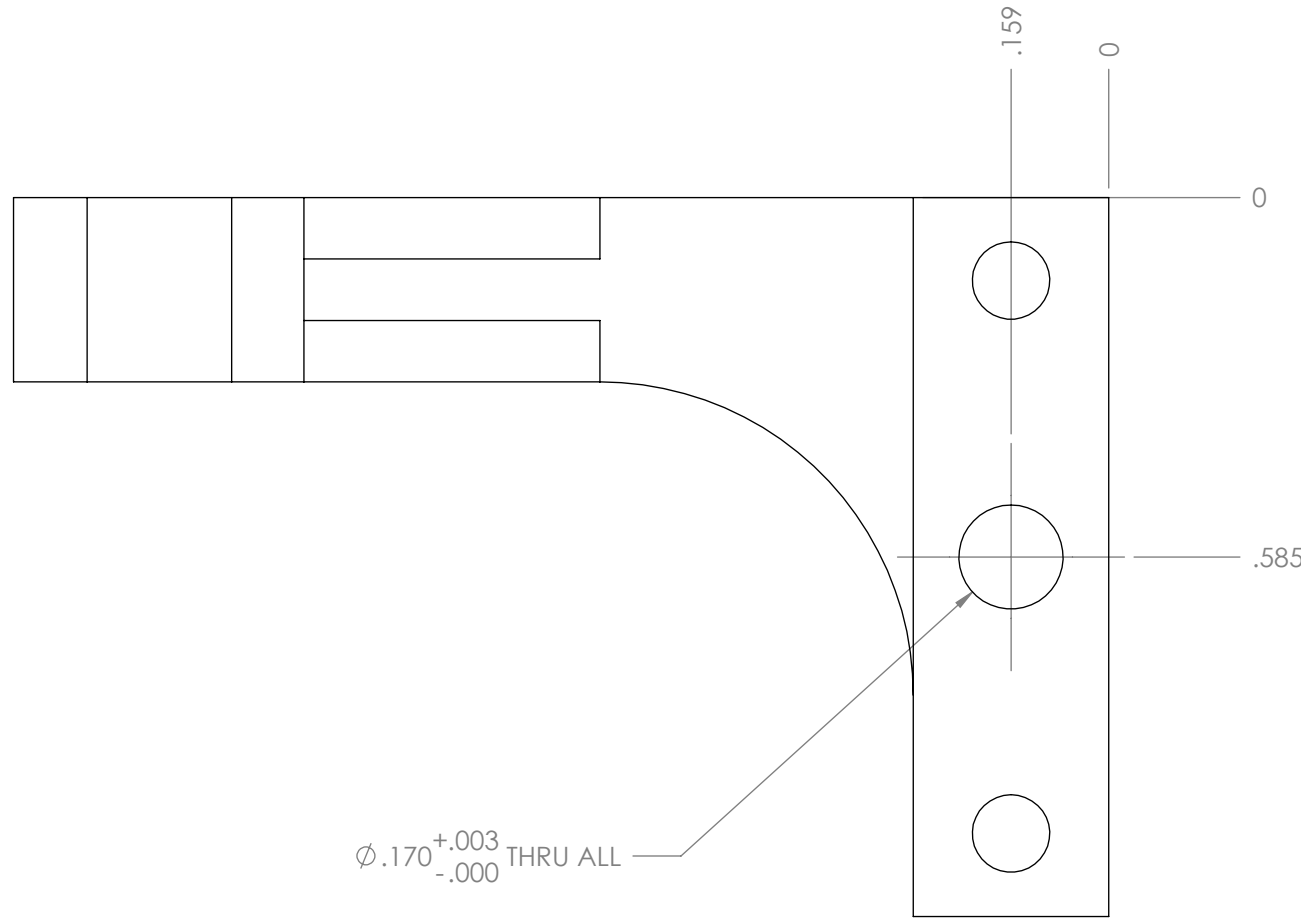
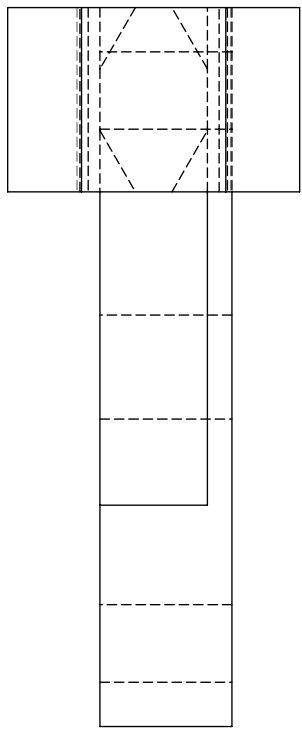
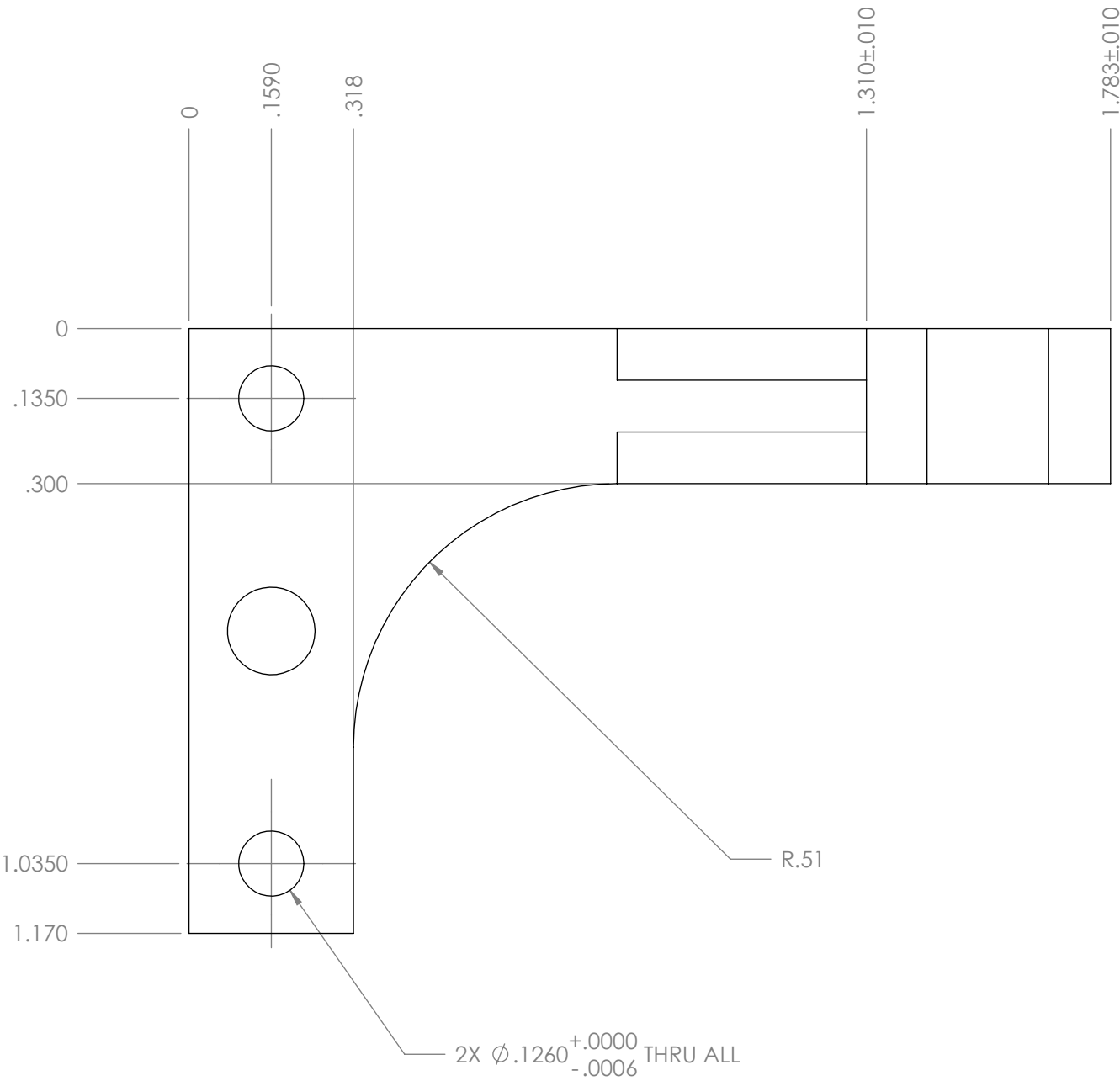
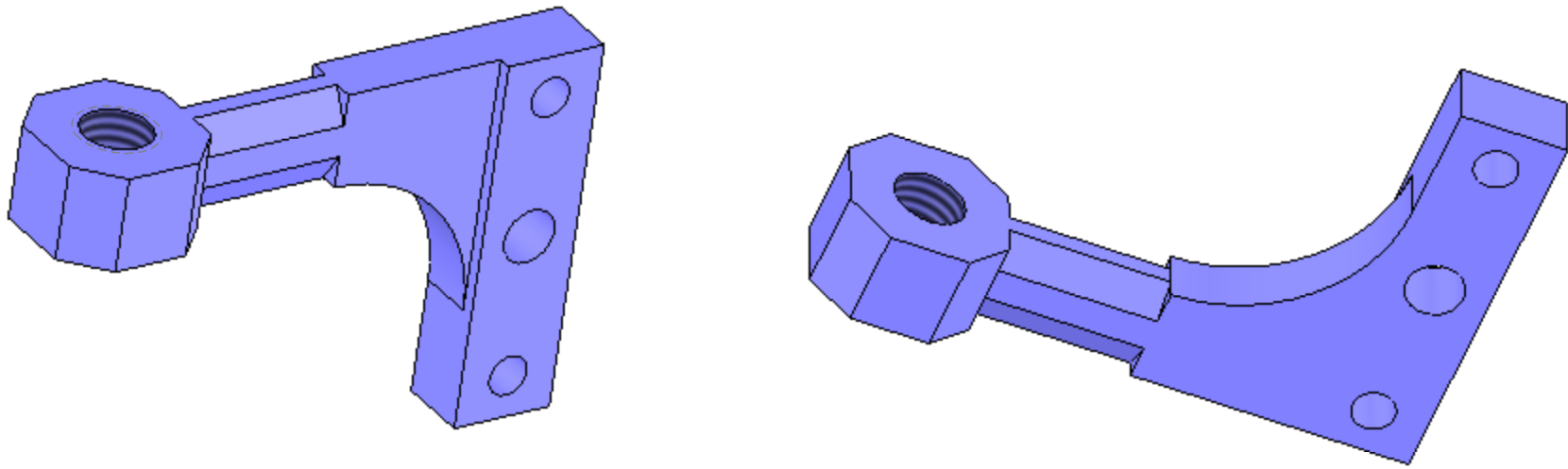
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1002434-004
ELEVATOR CAR - ARM



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
4	1002434-004	Elevator Car - arm	Titanium	1

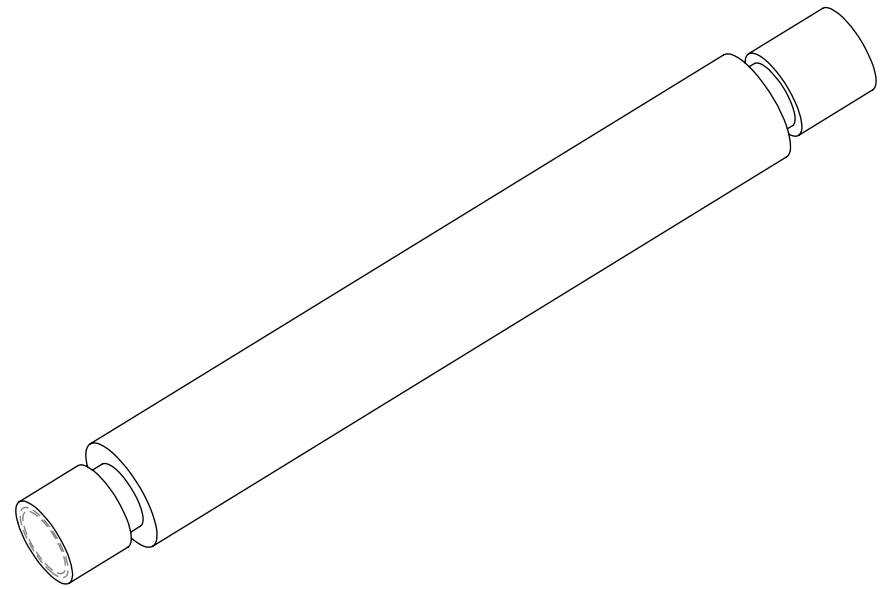
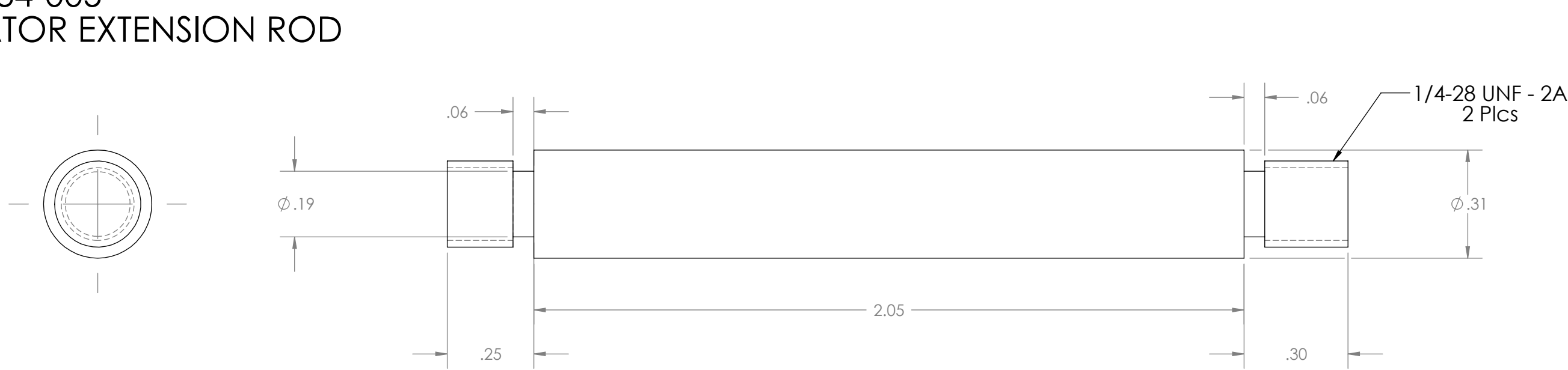
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .010 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			
Engineer		PROJECT NUMBER 701312.00			
NEXT ASSY Description	NEXT ASSY Number	PROJECT ESP 2G			
DO NOT SCALE DRAWING		CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209)			

last updated on: Thursday, May 29, 2008 3:41:03 PM	
Monterey Bay Aquarium Research Institute	
7700 Sandholdt Road Moss Landing, CA 95039	
ELEVATOR COMPONENTS	
SIZE C	DWG. NO. 1002434
REV. C	

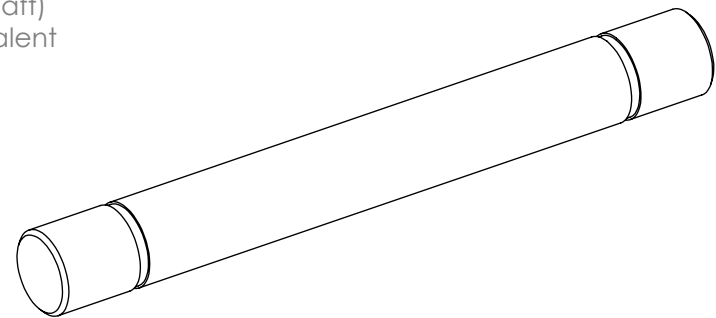
SHEET 5 OF 8	
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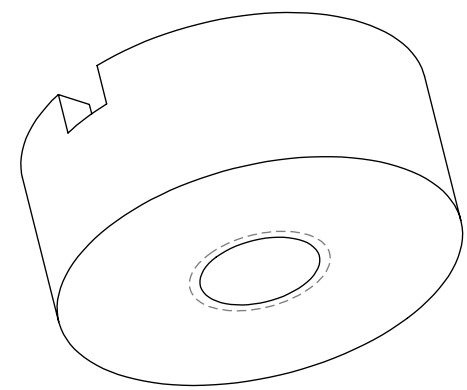
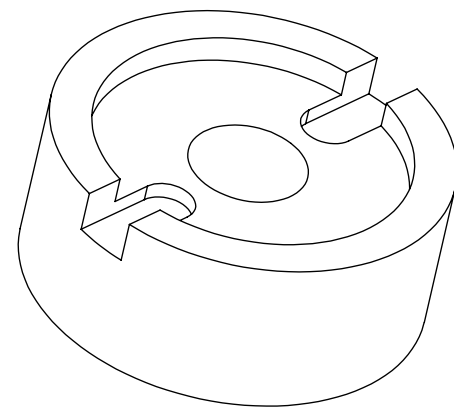
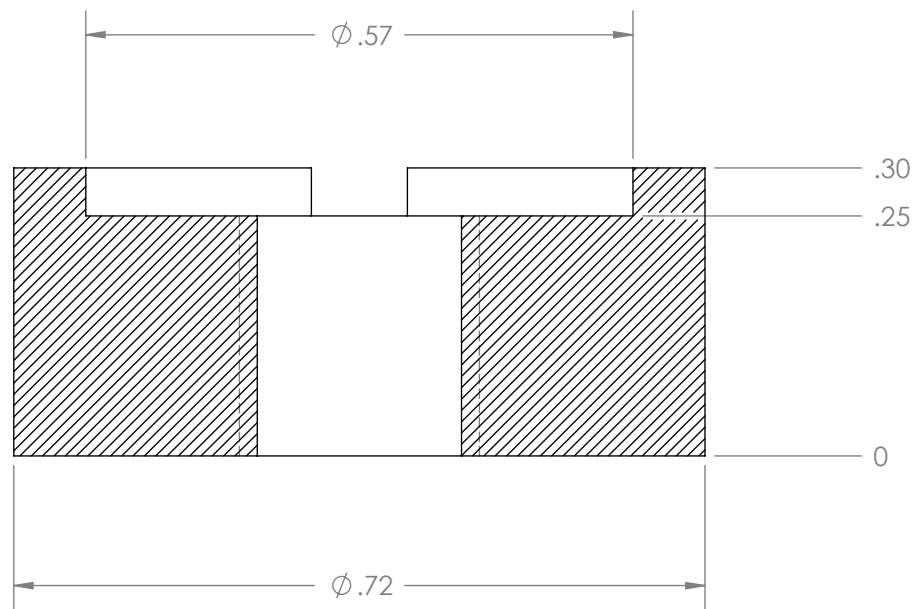
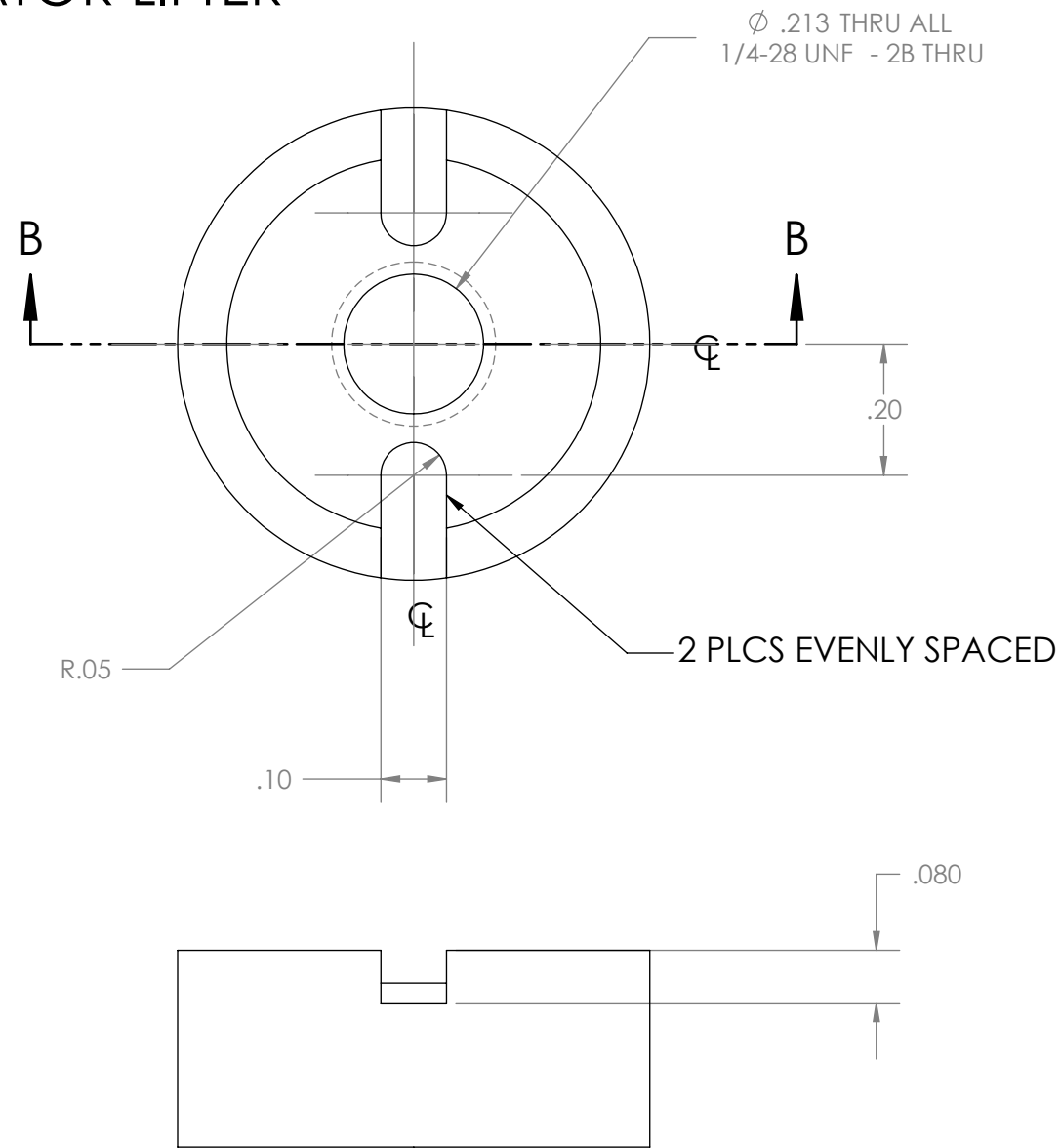
1002434-005 ELEVATOR EXTENSION ROD



1002434-006 ELEVATOR 4 MM SHAFT



1002434-007 ELEVATOR LIFTER



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
5	1002434-005	Elevator extension rod	6061-T6 Aluminum	1
6	1002434-006	Elevator idler shaft	316 Stainless Steel	1
7	1002434-007	Elevator lifter	Kynar	1

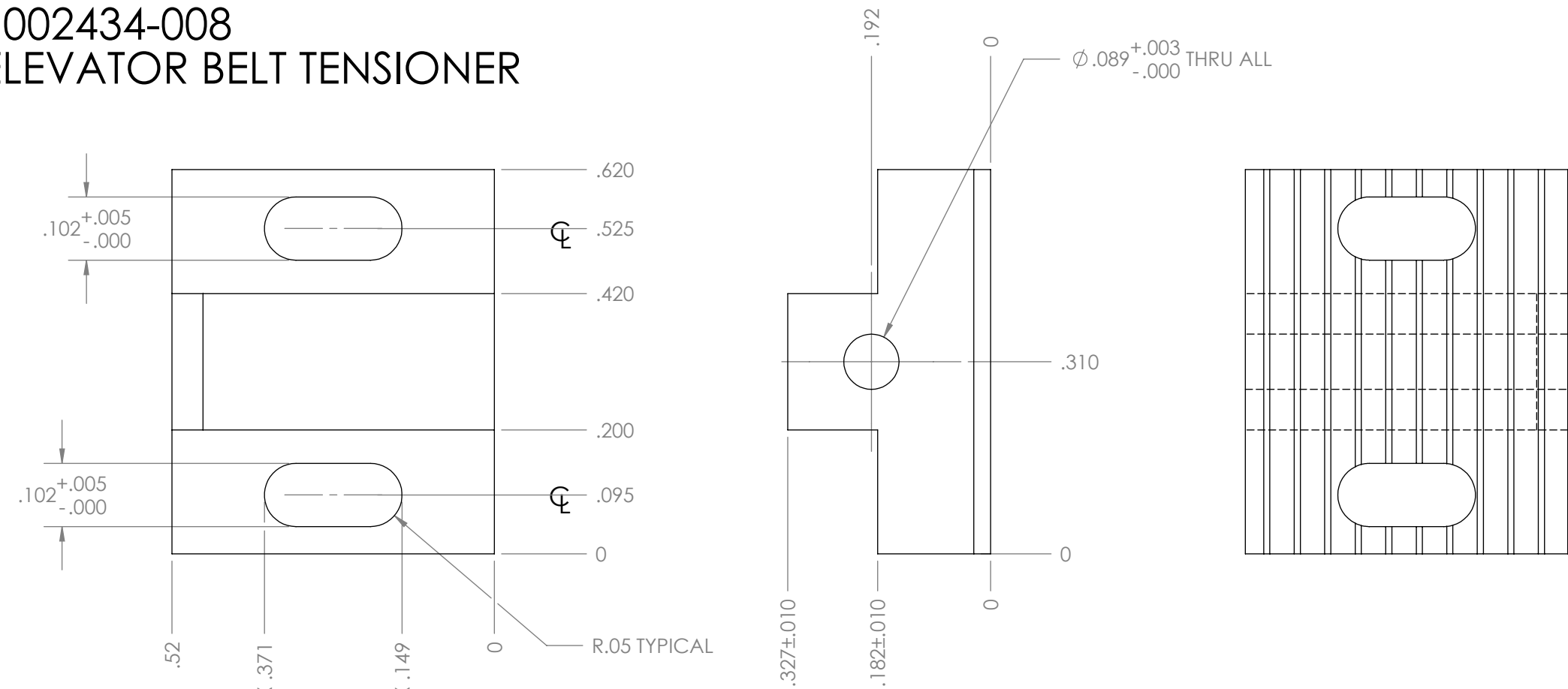
BILL OF MATERIALS				last updated on: Thursday, May 29, 2008 3:41:03 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	ENGINEER Jason Feldman 831-775-1837	Monterey Bay Aquarium Research Institute 7700 Sandholdt Road Moss Landing, CA 95039
Shop Foreman		4 PLACE DIM ±.0005	ANGLES ±1°	CHECKED	
Engineer		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .010 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			
NEXT ASSY Description	NEXT ASSY Number	PROJECT NUMBER 701312.00		ELEVATOR COMPONENTS	
		PROJECT ESP 2G	SIZE C	DWG. NO. 1002434	REV. C
DO NOT SCALE DRAWING		CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209) SHEET 6 OF 8			

Monterey Bay Aquarium Research Institute
7700 Sandholdt Road
Moss Landing, CA 95039

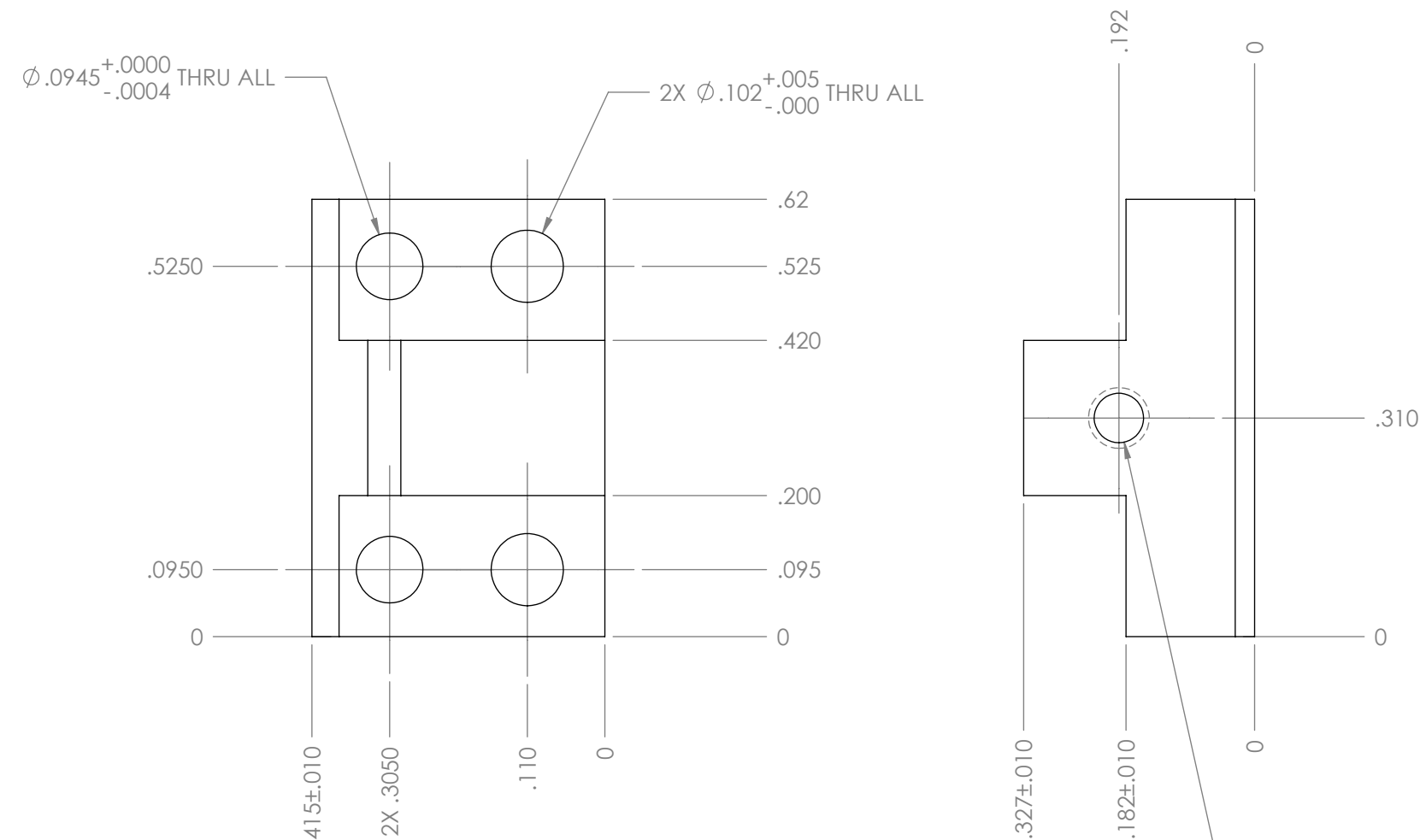


ELEVATOR COMPONENTS
SIZE C DWG. NO. 1002434 REV. C

1002434-008 ELEVATOR BELT TENSIONER



1002434-009 ELEVATOR BELT CLAMP



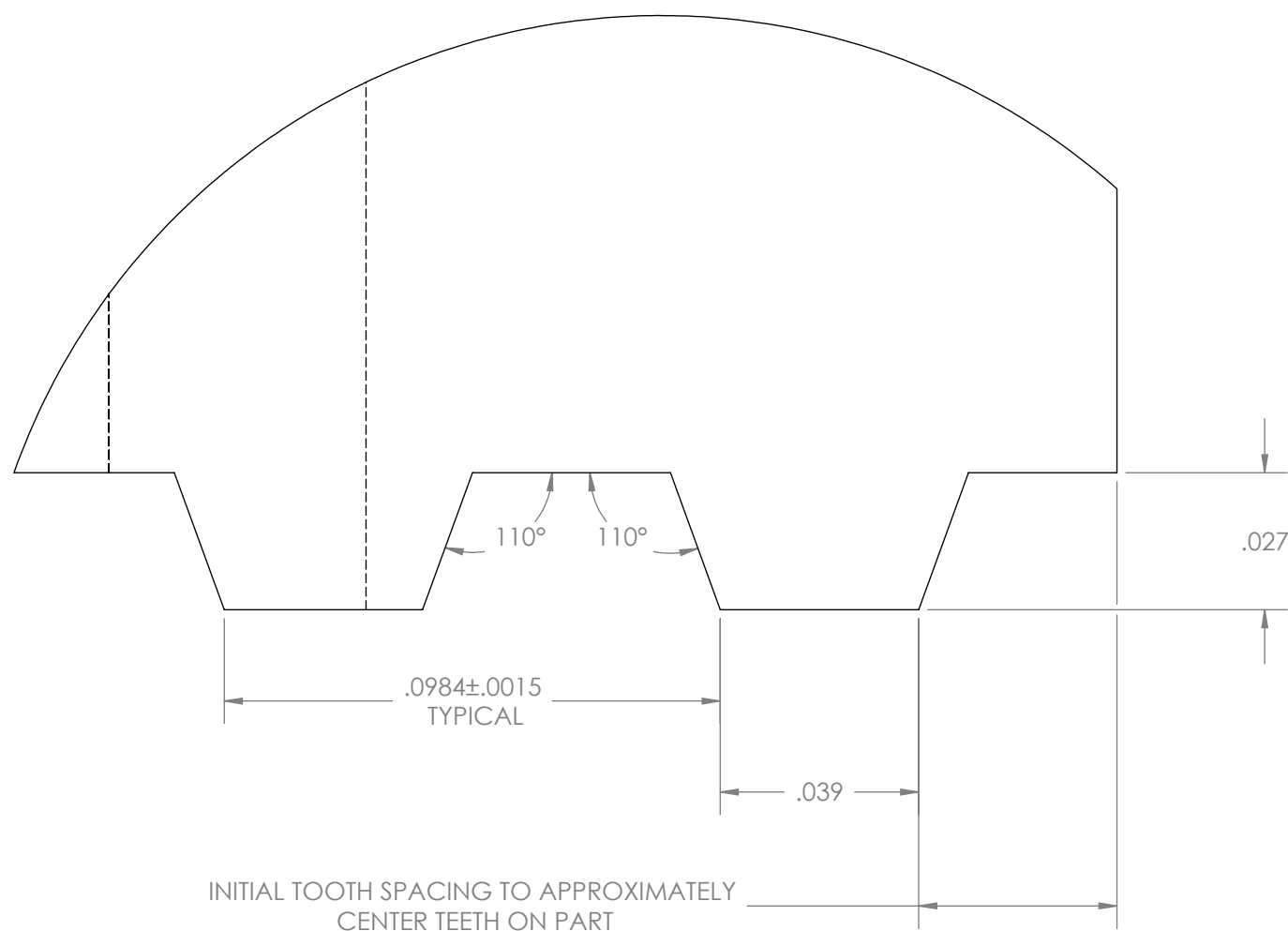
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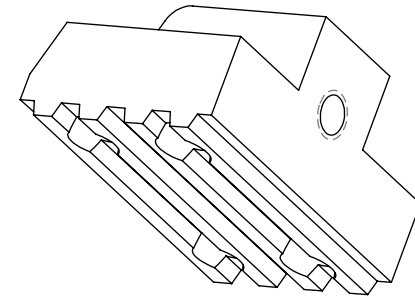
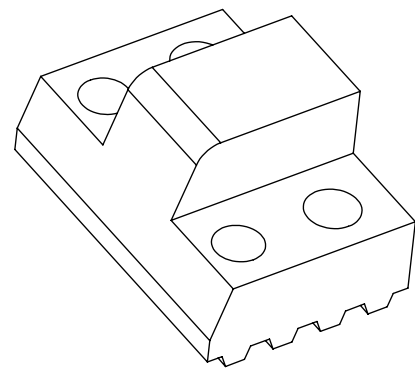
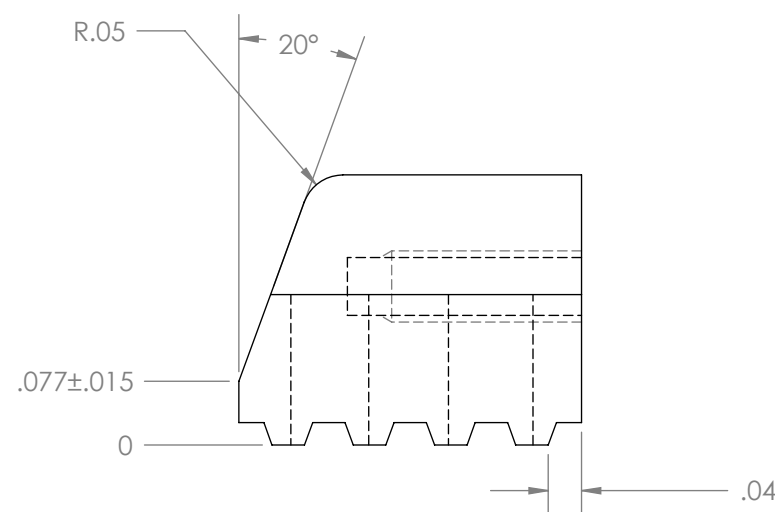
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DETAIL C ((typical for -008 and -009))

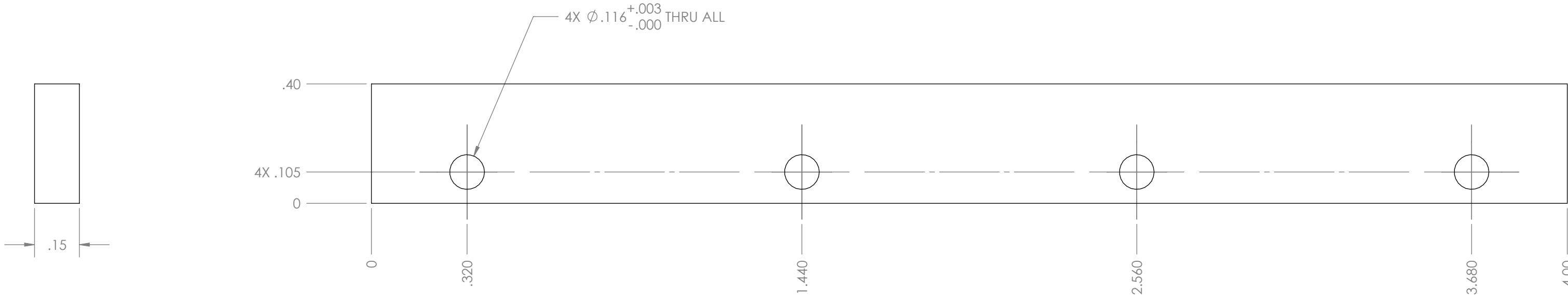


ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
8	1002434-008	Elevator belt tensioner	Brass	1
9	1002343-009	Elevator belt clamp	Brass	1

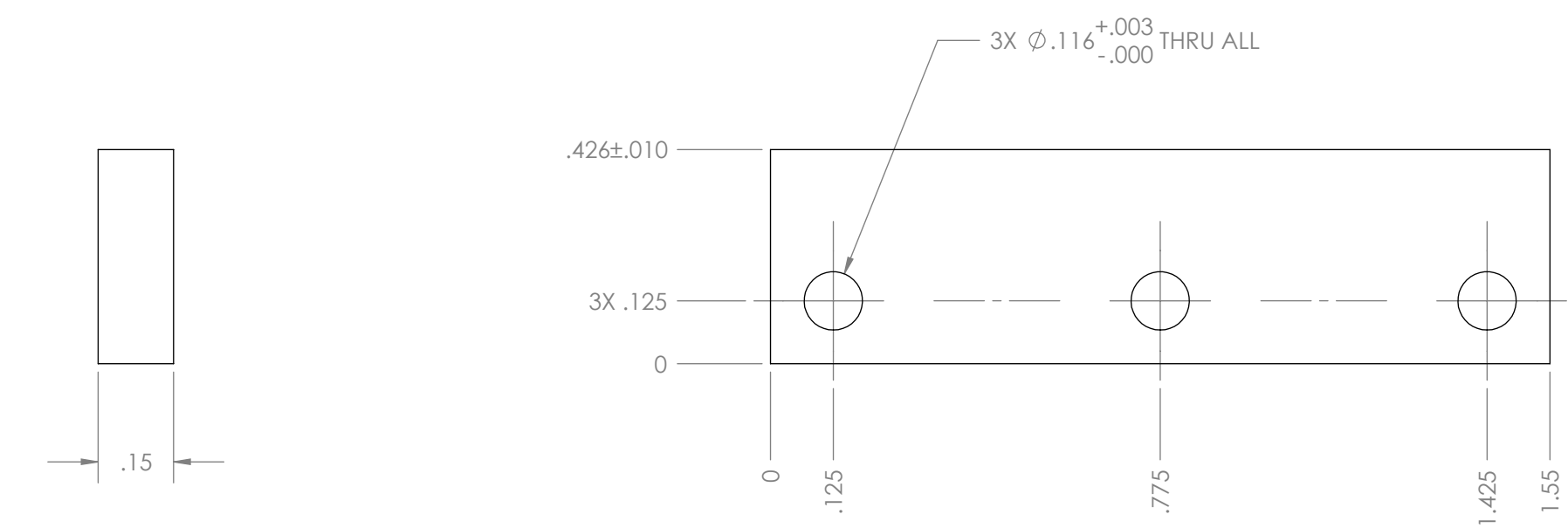
BILL OF MATERIALS				last updated on: Thursday, May 29, 2008 3:41:03 PM	
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH, MAX .010 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED			
Engineer		PROJECT NUMBER 701312.00			
NEXT ASSY Description	NEXT ASSY Number	PROJECT ESP 2G		ELEVATOR COMPONENTS	
DO NOT SCALE DRAWING		CAD FILE: X:\701312 ESP 2G\SolidWorks files\Internal structure (1002209)		SHEET 7 OF 8	

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1002434-010
ELEVATOR CLAMP - TOP



1002434-011
ELEVATOR CLAMP - BOTTOM



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
10	1002434-010	Elevator clamp - top	6061-T6 Aluminum	1
11	1002434-011	Elevator clamp - bottom	6061-T6 Aluminum	1

Shop / Q.C.				UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		last updated on: Thursday, May 29, 2008 3:41:03 PM	
Inspector				2 PLACE DIM ±.01	3 PLACE DIM ±.005	4 PLACE DIM ±.0005	ANGLES ±1°	ENGINEER	DATE
Shop Foreman				1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING 3. REMOVE BURRS & SHARP EDGES .010 MAX 4. MACHINED FILLET RADII .010 TO .020 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .001 PER INCH. MAX .010 INCHES FOR SINGLE SURFACE. 7. SURFACE FINISH TO BE 63 MICRON UNLESS OTHERWISE SPECIFIED				Jason Feldman	831-775-1837
Engineer								CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NUMBER		Monterey Bay Aquarium Research Institute			
				701312.00		ELEVATOR COMPONENTS			
				PROJECT		SIZE	DWG. NO.	REV.	
				ESP 2G		C	1002434	C	
DO NOT SCALE DRAWING				CAD FILE: X:\701312 ESP 2G\SolidWorks files\internal structure (1002209)					
				SHEET 8 OF 8					