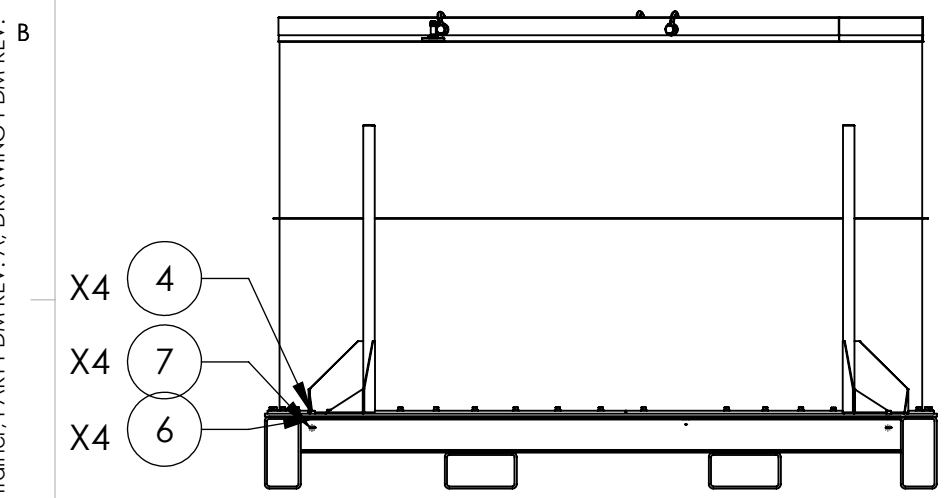
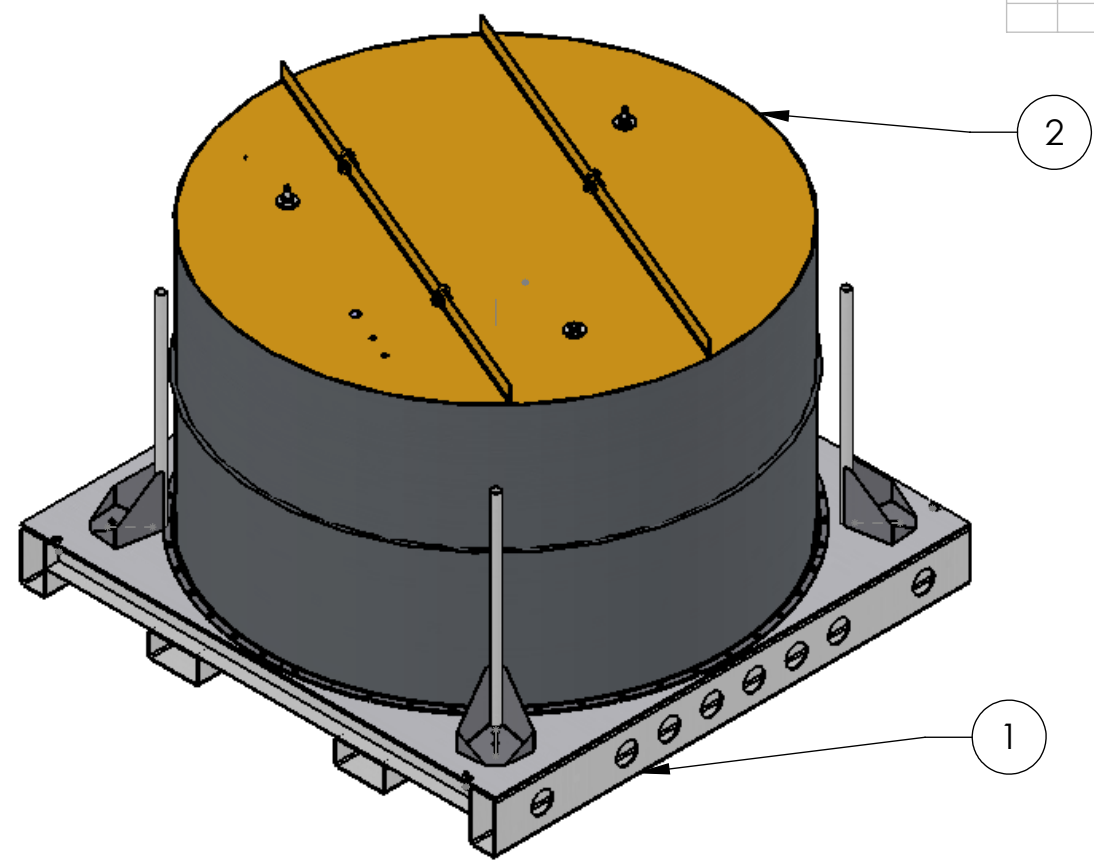
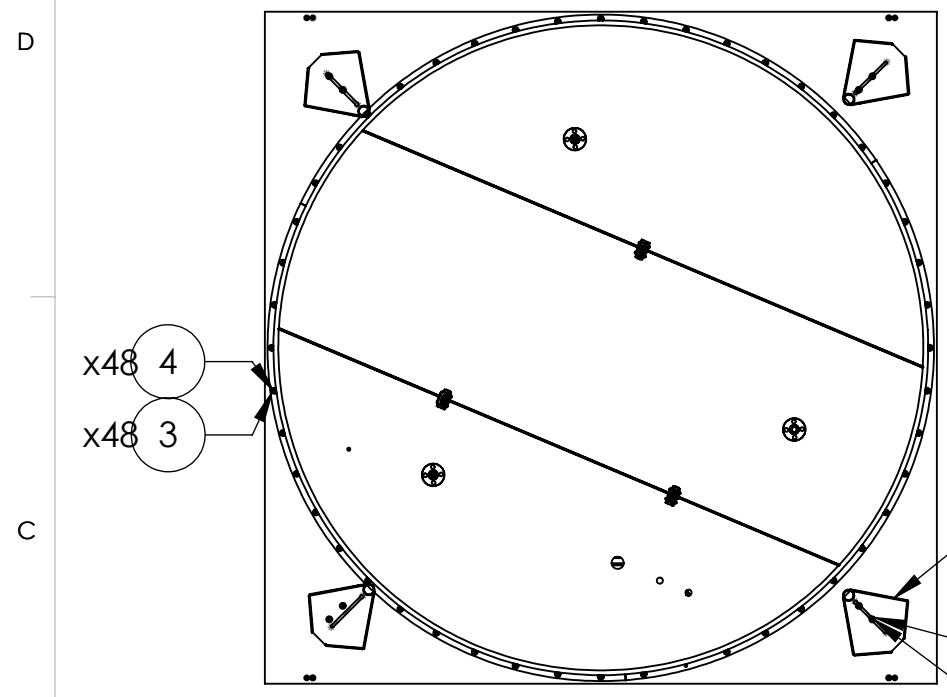


D1002663 BSC ISI Storage Container, PART PDM REV: A, DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



8	SHCS	3/8-16 X .5	18-8	8	8	
7	MCMASTER 91235A120	BELLEVILLE WASHER		4	4	
6	HEX NUT	3/8-16	18-8	4	4	
5	D1002685	GUIDE POST ASSY	-	4	4	
4	SHCS	3/8-16 x .875	18-8	52	52	
3	MCMASTER 93852A104	WASHERS	Material <not specified >	56	56	
2	D1002670	COVER ASSEMBLY	SEE BOM	1	1	
1	D1002682	BASE ASSEMBLY	SEE BOM	1	1	
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	RE Q	SPA RE	TOT AL

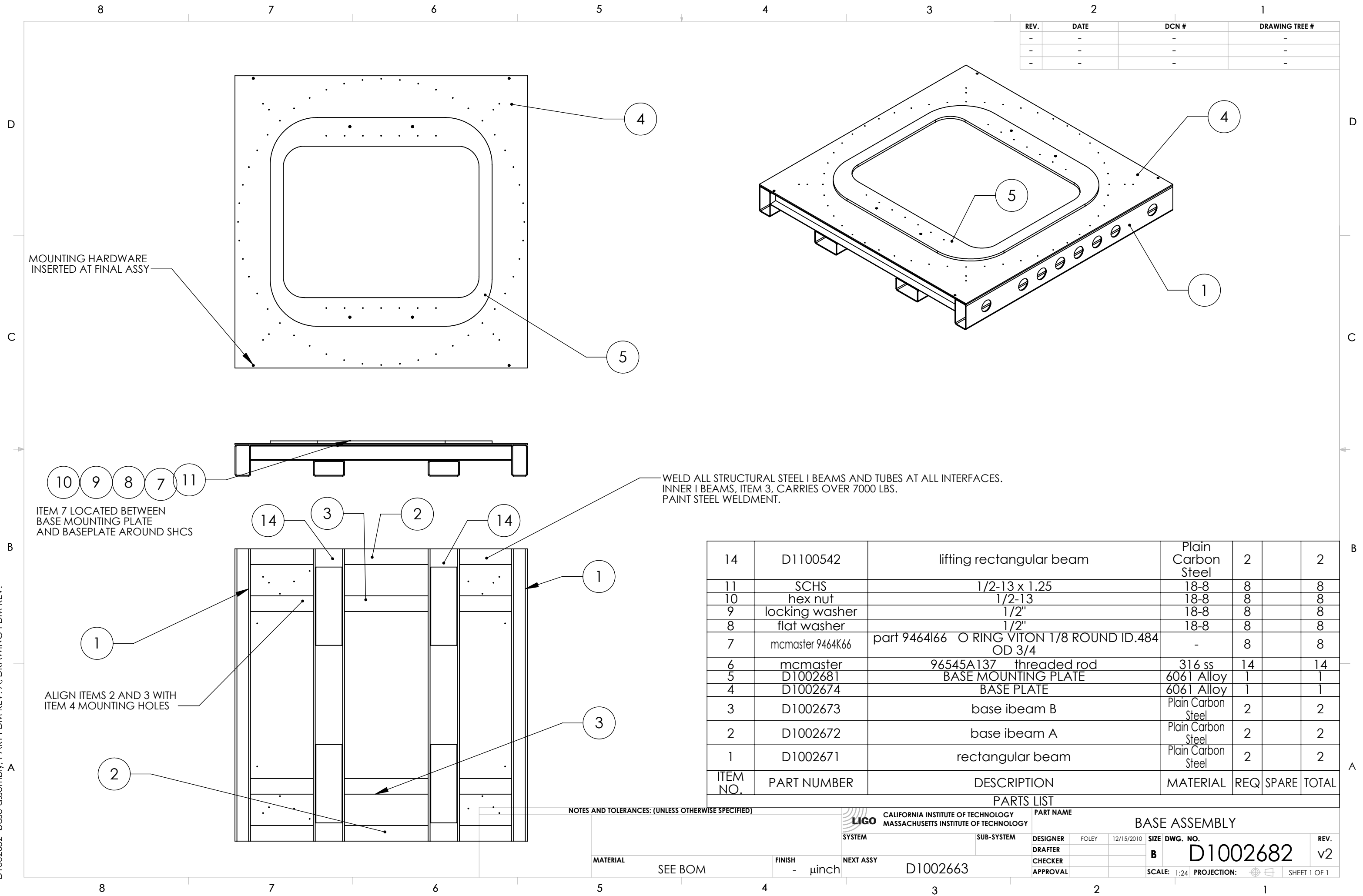
PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

Container must be air tight.

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME BSC ISI STORAGE-ONLY CONTAINER	
SYSTEM	SUB-SYSTEM	DESIGNER FOLEY	DATE 12/15/02010
MATERIAL	FINISH - μinch	CHECKER	APPROVAL
NEXT ASSY		SIZE B	DWG. NO. D1002663
		SCALE: 1:48	PROJECTION:
		SHEET 1 OF 1	

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
14	D1100542	lifting rectangular beam	Plain Carbon Steel	2		2
11	SHCS	1/2-13 x 1.25	18-8	8		8
10	hex nut	1/2-13	18-8	8		8
9	locking washer	1/2"	18-8	8		8
8	flat washer	1/2"	18-8	8		8
7	mcmaster 9464K66	part 9464166 O RING VITON 1/8 ROUND ID.484 OD 3/4	-	8		8
6	mcmaster 96545A137	threaded rod	316 ss	14		14
5	D1002681	BASE MOUNTING PLATE	6061 Alloy	1		1
4	D1002674	BASE PLATE	6061 Alloy	1		1
3	D1002673	base ibeam B	Plain Carbon Steel	2		2
2	D1002672	base ibeam A	Plain Carbon Steel	2		2
1	D1002671	rectangular beam	Plain Carbon Steel	2		2

PARTS LIST		PART NAME	
		BASE ASSEMBLY	
DESIGNER	FOLEY	12/15/2010	SIZE DWG. NO.
DRAFTER			B D1002682
CHECKER			REV. v2
APPROVAL			SCALE: 1:24 PROJECTION:

MATERIAL SEE BOM FINISH - μinch NEXT ASSY D1002663

D1002682- base assembly, PART PDM REV: A, DRAWING PDM REV:

8 7 6 5 4 3 2 1

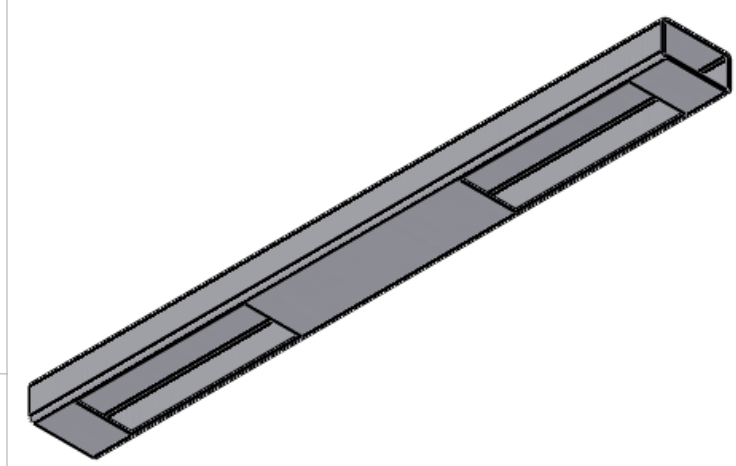
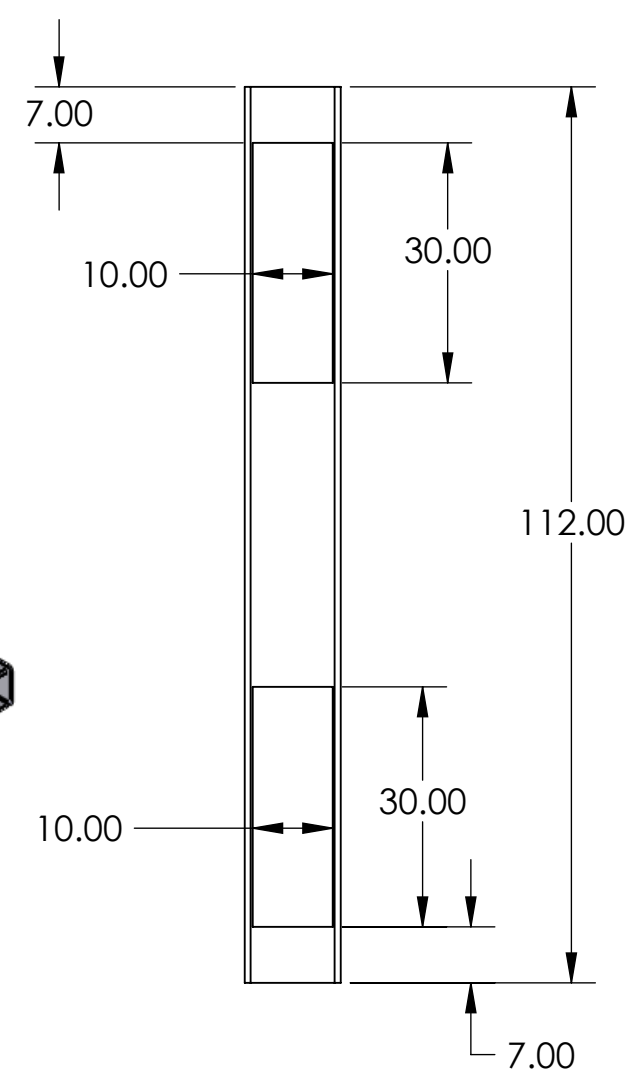
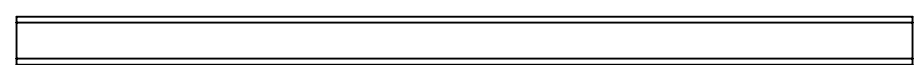
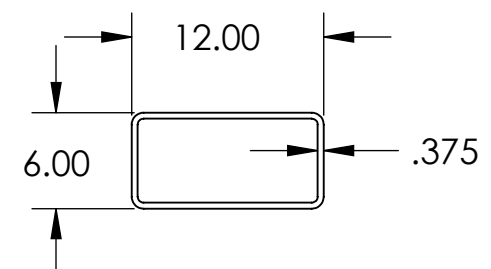
Notes Continued:

5. Use standard rectangular or fabricated tube.

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

D
C
B
A

D
C
B
A



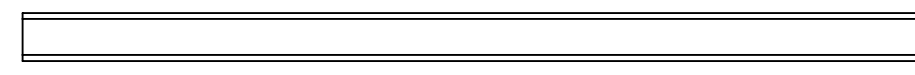
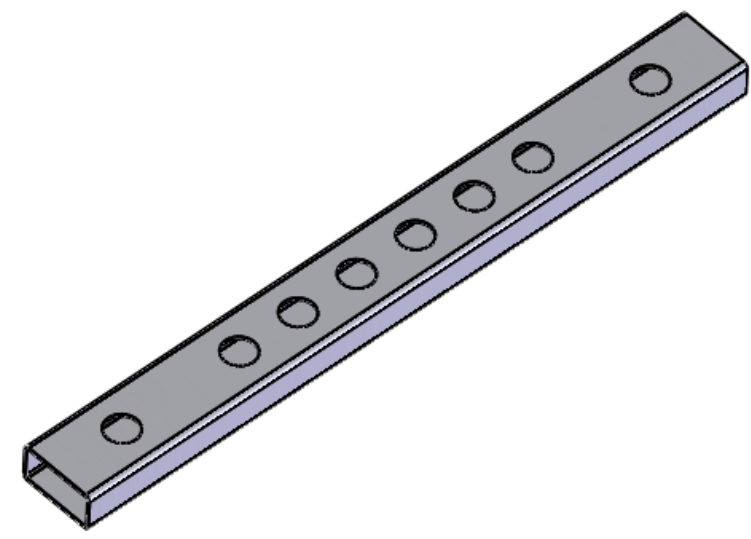
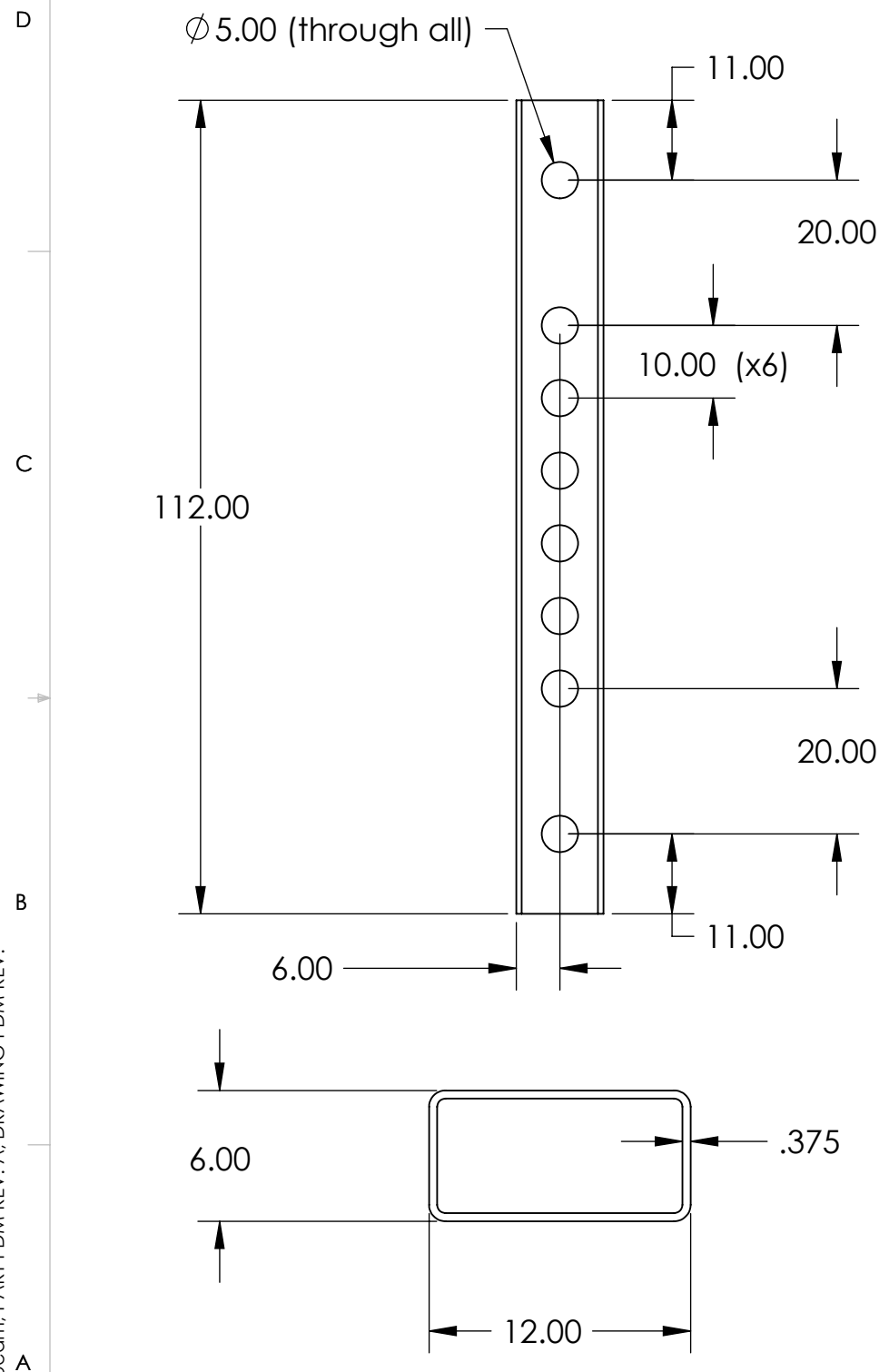
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM		rectangular beam	
TOLERANCES:		MATERIAL		SUB-SYSTEM		DESIGNER	
.XX ±		Plain Carbon Steel		BSC ISI Storage Container		S Foley 3/24/2011	
.XXX ±		FINISH		NEXT ASSY		SIZE DWG. NO.	
ANGULAR ± °		- μinch		D1002682		B D1002671	
						REV.	
						v1	
						SCALE: 1:24 PROJECTION: SHEET 1 OF 1	

8 7 6 5 4 3 2 1

D1 100542- lifting rectangular beam, PART PDM REV: A, DRAWING PDM REV:

NOTES CONTINUED:
 5. Remove all burrs and sharp edges.
 6. Purchase standard rectangular or fabricated tube ASTM A500 Grade B or equivalent

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



D1002671 - rectangular beam, PART PDM REV: A, DRAWING PDM REV:

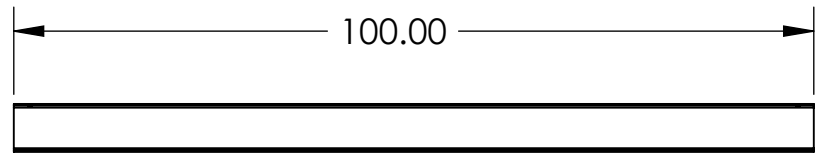
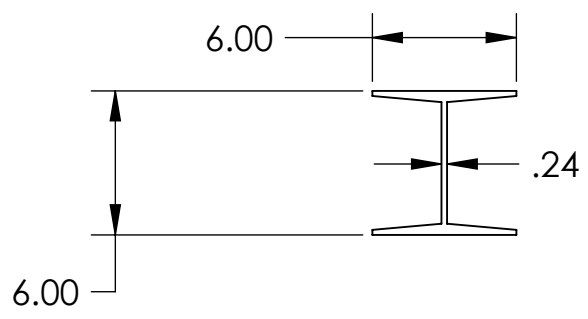
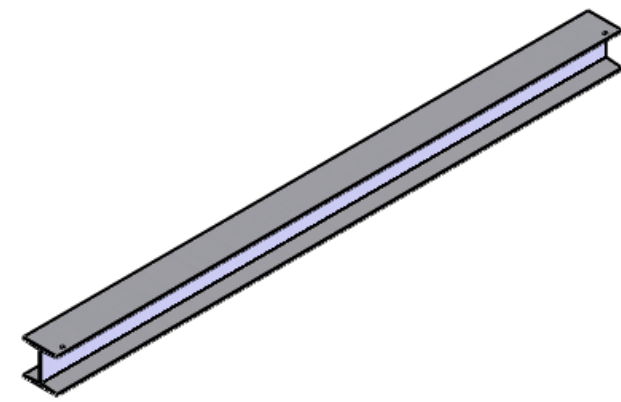
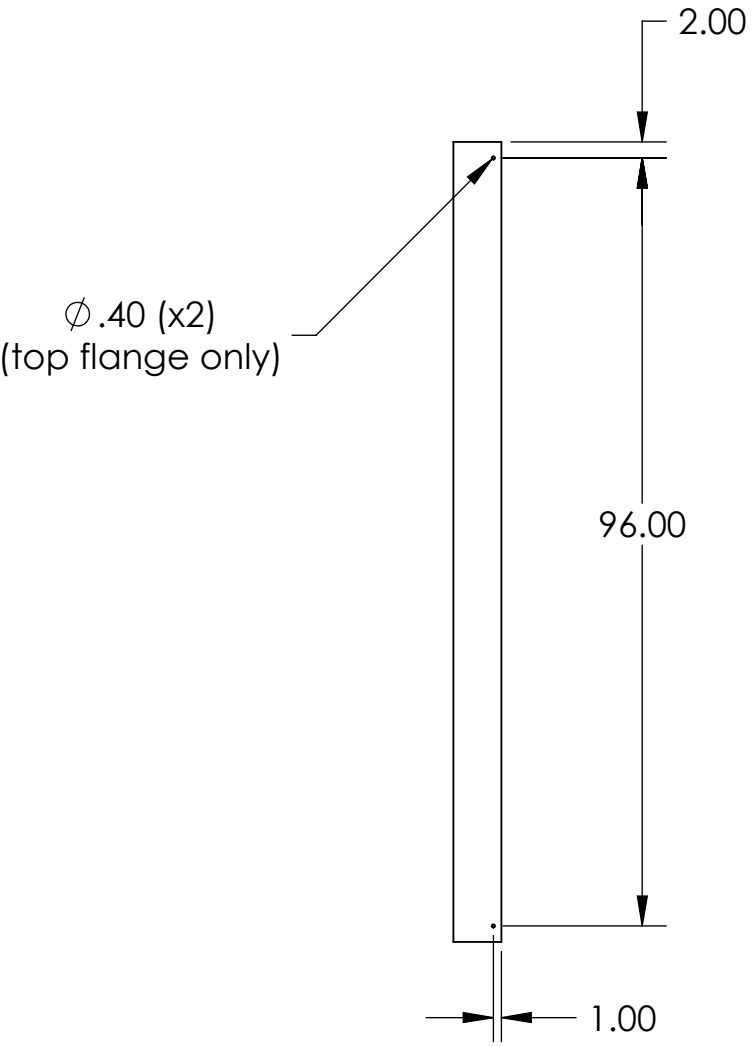
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME				
DIMENSIONS ARE IN inches TOLERANCES: .XX ± .10 .XXX ± .100 ANGULAR ± °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		rectangular beam				
						DESIGNER	Foley	12/13/2010	SIZE DWG. NO.	REV.
MATERIAL Plain Carbon Steel				FINISH	- μinch	NEXT ASSY	D1002682	B	D1002671	v2
				SCALE:	PROJECTION:	SHEET 1 OF 1				

8 7 6 5 4 3 2 1

NOTES CONTINUED:
 4. PURCHASE STANDARD I BEAM W SHAPE (STRUCTURAL WIDE FLANGE)
 ASTM A-36 OR EQUIVALENT.

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

D
C
B
A



D
C
B
A

D1002672- bcase I-beam A, PART PDM REV: A, DRAWING PDM REV:

8 7 6 5 4 3 2 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN inches TOLERANCES: .XX ± .05 .XXX ± ANGULAR ± °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS 3. DO NOT SCALE FROM DRAWING.		I-beam A	
						MATERIAL Plain Carbon Steel FINISH - μinch	
NEXT ASSY D1002682				DESIGNER Foley 12/14/2010		SIZE DWG. NO.	REV.
				APPROVAL		B D1002672	v2
				SCALE: 1:24 PROJECTION:		SHEET 1 OF 1	

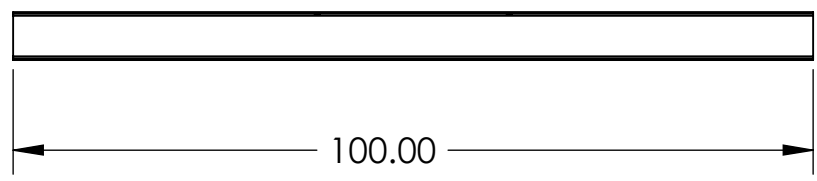
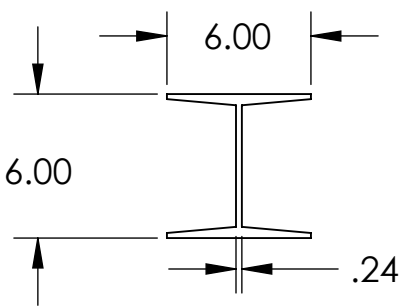
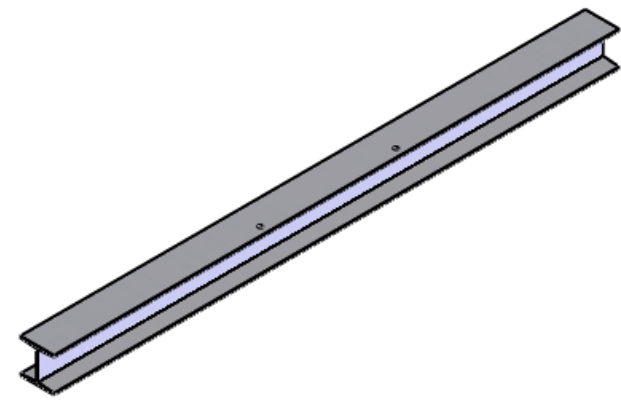
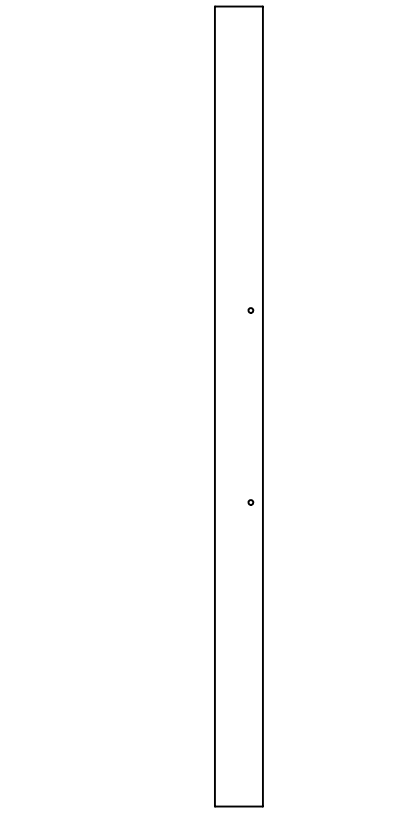
8 7 6 5 4 3 2 1

NOTES CONTINUED:
 4. Purchase Standard I beam W-shape (structural wide flange)
 ASTM A-36 I beam or equivalent

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

D
C
B
A

D
C
B
A



D1002673 - base i-beam B, PART PDM REV: A, DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN inches		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. Remove all burrs and sharp edges. 3. DO NOT SCALE FROM DRAWING.		SYSTEM	SUB-SYSTEM	DESIGNER	Foley 12/14/2010
TOLERANCES: .XX ± .05 .XXX ±		MATERIAL Plain Carbon Steel		NEXT ASSY D1002682		SIZE DWG. NO. B D1002673	
ANGULAR ± °		FINISH - μinch		APPROVAL		REV. v2	
				SCALE: 1:24		PROJECTION: SHEET 1 OF 1	

8 7 6 5 4 3 2 1

D1002674 base plate, PART PDM REV: A, DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

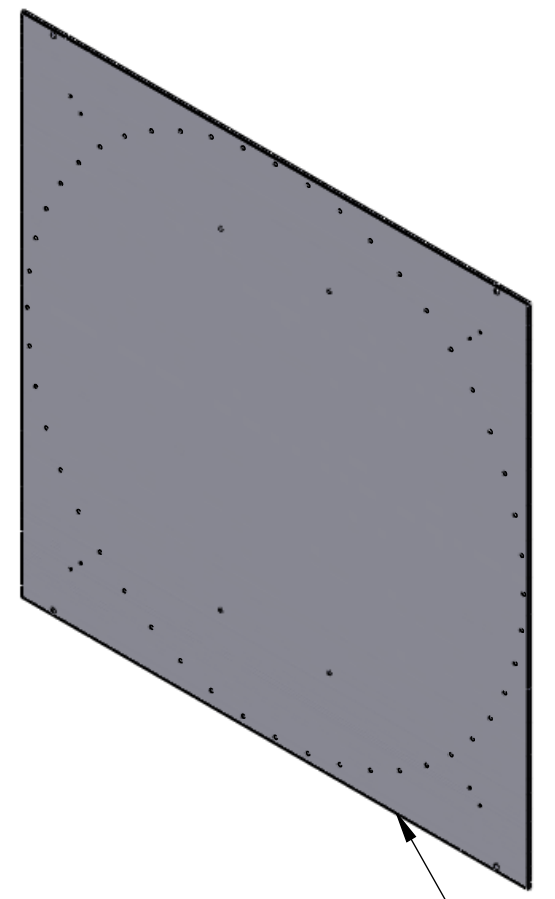
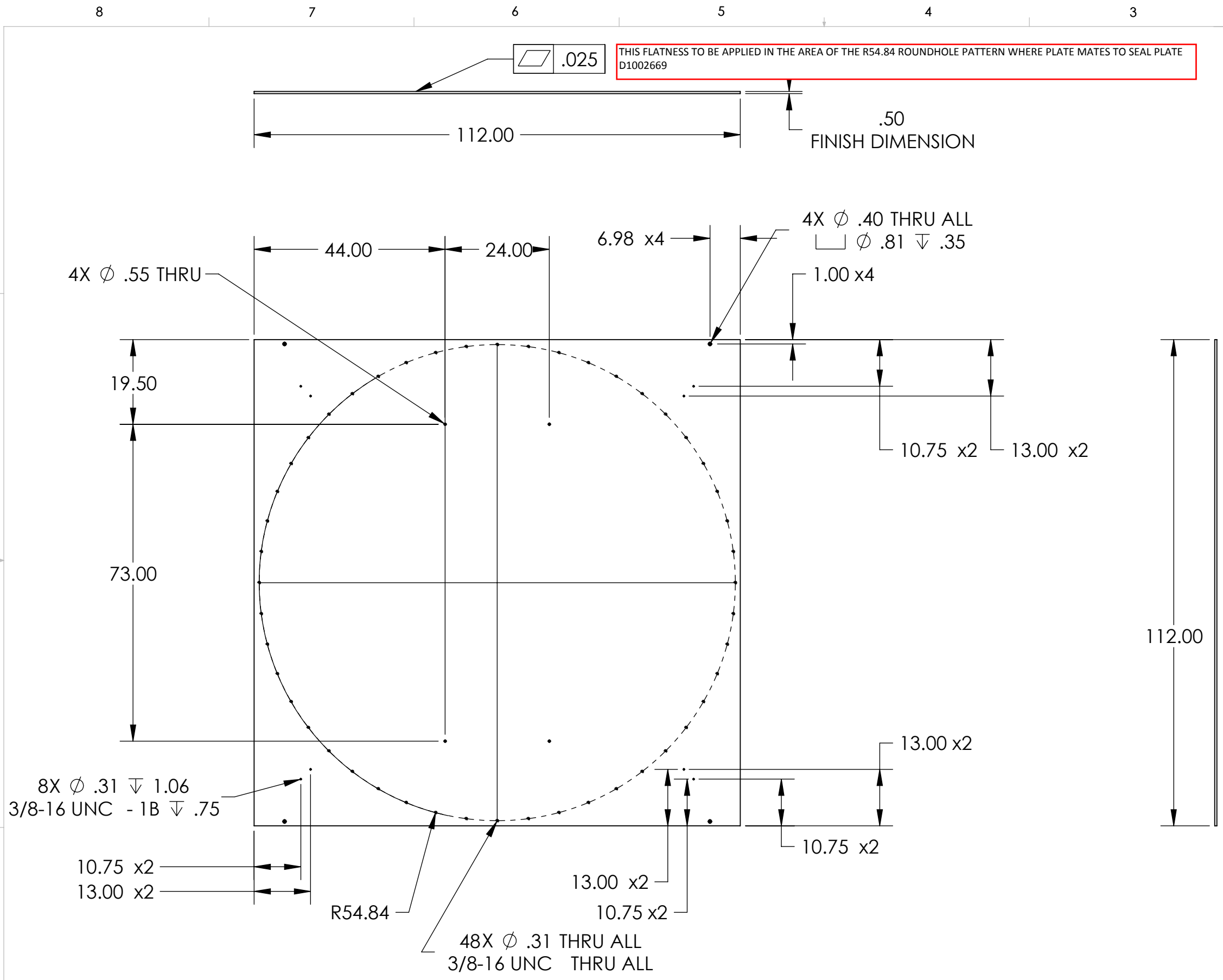


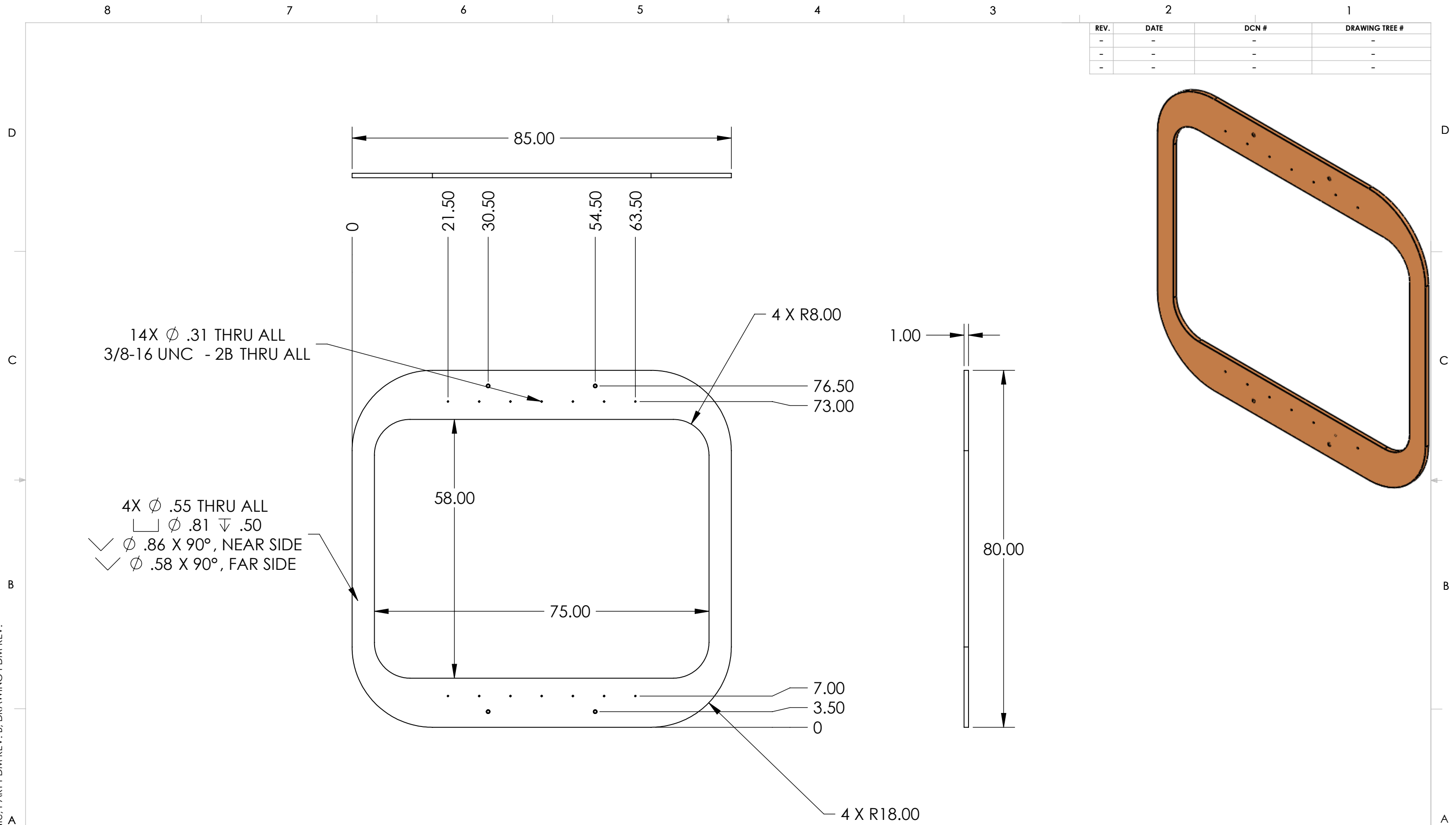
PLATE CAN BE TWO PIECES WELDED INTO ONE. TOP SURFACE MUST BE SMOOTH AND FLAT IN MOUNTING AND SEAL AREA.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN inches	
TOLERANCES: .XX ± .01 .XXX ± .004 ANGULAR ± °	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	6061 Alloy
FINISH	- μinch

	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
	SUB-SYSTEM	PART NAME
NEXT ASSY	D1002682	BASE PLATE

DESIGNER	Foley	12/15/2010	SIZE	DWG. NO.	REV.
DRAFTER			B	D1002674	v1
CHECKER			SCALE: 1:24	PROJECTION:	SHEET 1 OF 1
APPROVAL					

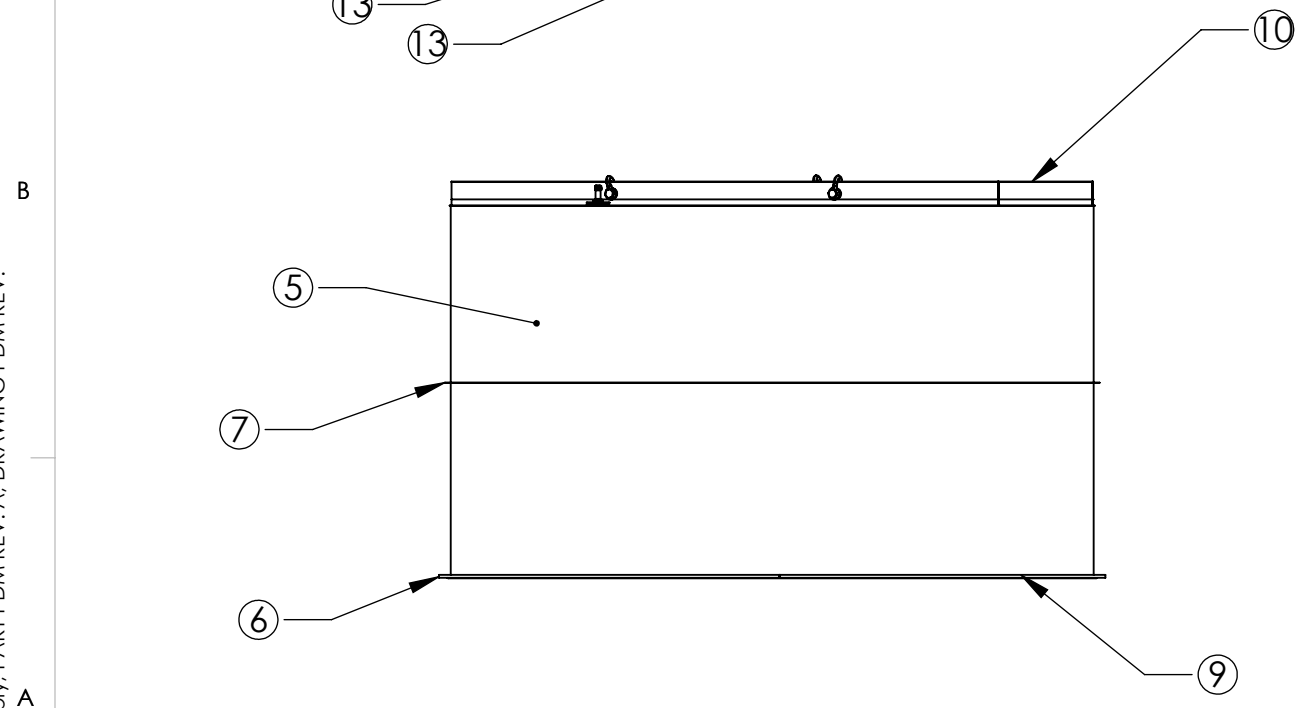
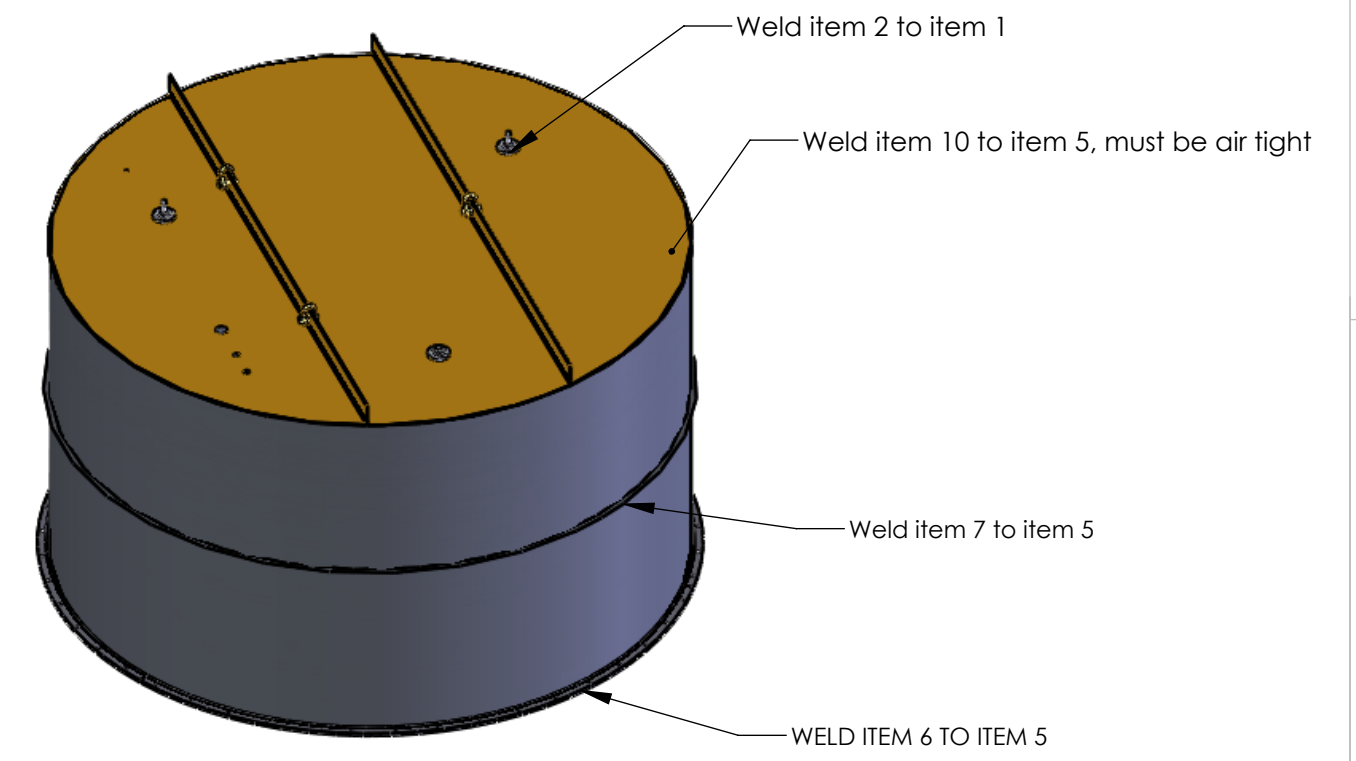
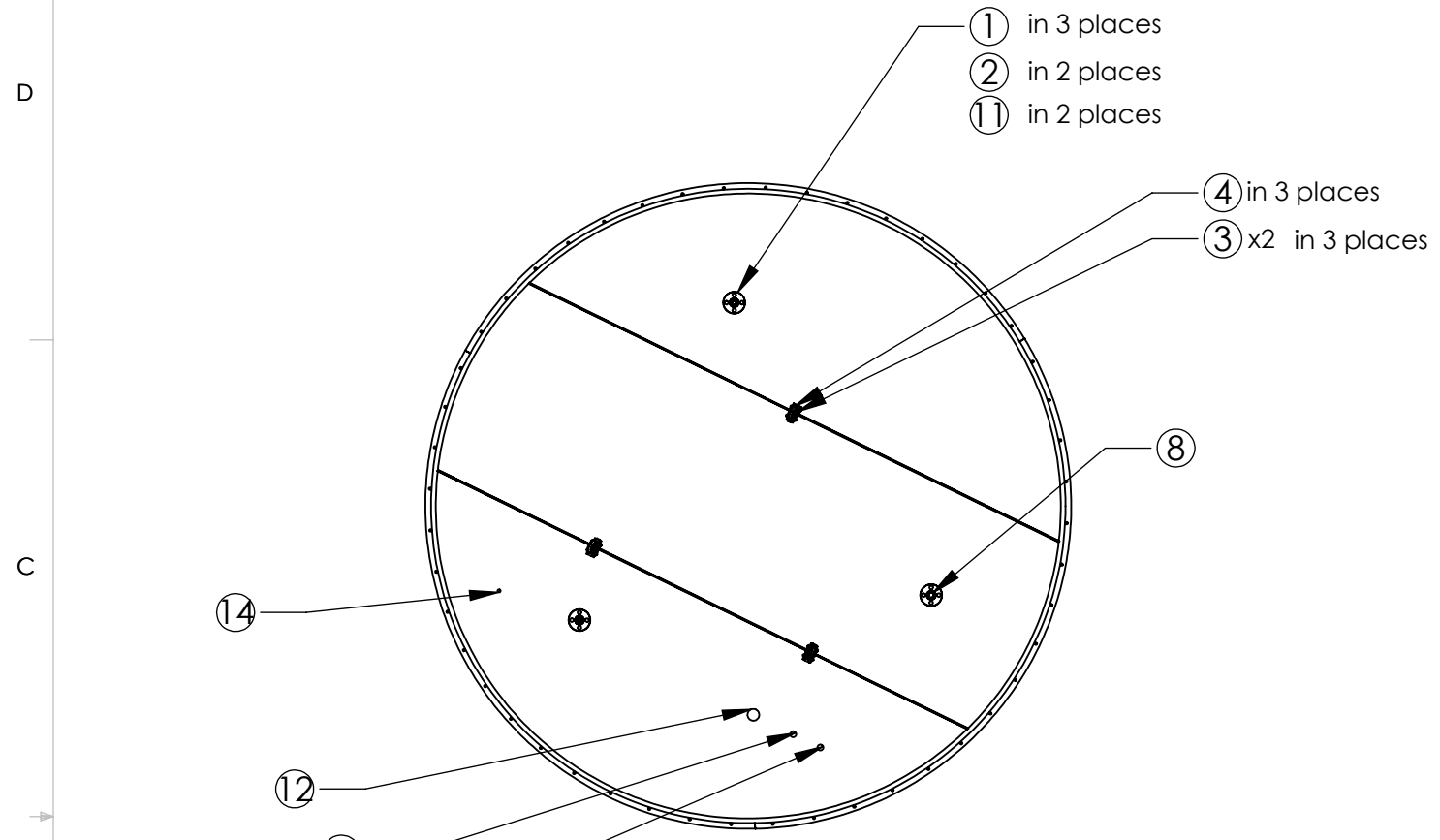
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



D1002681 - mounting plate, PART PDM REV: B, DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO SYSTEM		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX \pm .01 .XXX \pm .004 ANGULAR \pm °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		DESIGNER: Foley DRAFTER: CHECKER: APPROVAL:		BASE MOUNTING PLATE DATE: 12/15/2010 SIZE: B DWG. NO.: D1002681 REV.: v1	
MATERIAL: 6061 Alloy		FINISH: 125 μ inch		NEXT ASSY: D1002682		SUB-SYSTEM:		SCALE: 1:16 PROJECTION:	

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



14	agm humidity indicator	TA370-234P (provided by LIGO)		1	0	
13	agm Breather Valve	TA238-037-1 (provided by LIGO)		2	0	
12	agm Breather Valve	TA770-05-05-R (provided by LIGO)		1	0	
11	McMaster	4443K684		2	0	
10	D1100491	COVER TOP ASSEMBLY	AISI 304	1	1	
9	D1002667	ORING 3/8	VITON	1	1	
8	MCMaster 4464K334	PLUG	SS	1	1	
7	D1002666	SHEET METAL WALL RING	AISI 304	1	1	
6	D1002669	SEAL PLATE (FLANGE)	AISI 304	1	1	
5	D1002664	WALL	AISI 304	1	1	
4	MCMaster 3556T15	SHACKLES	-	3	3	
3	MCMaster 98125A037	WASHER	Material <not specified>	6	6	
2	MCMaster 4830K175	NIPPLE 1/2" NPT X 3" L SS		2	2	
1	MCMaster 7977K11	PIPE FITTING 1/2" SS		3	3	
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Defa ult/R EQ	SPARE	TOTAL

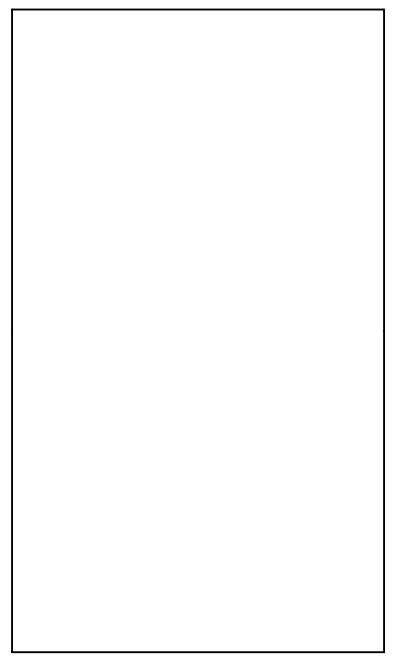
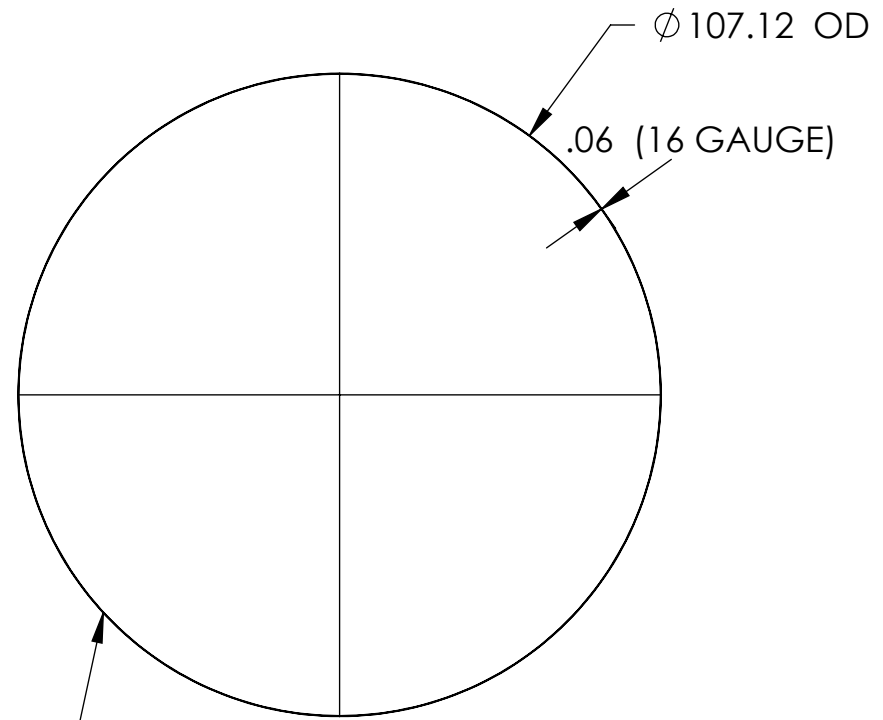
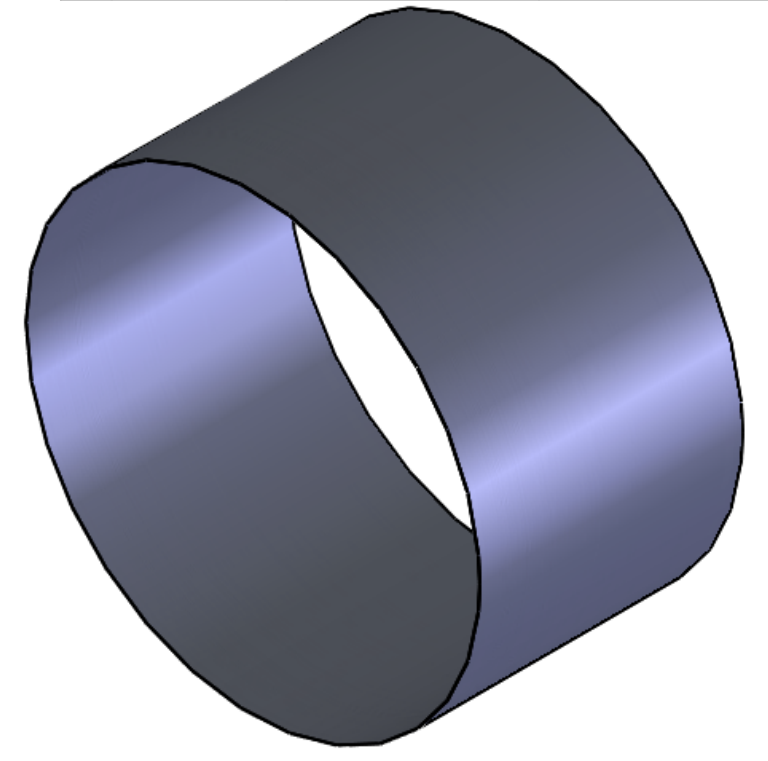
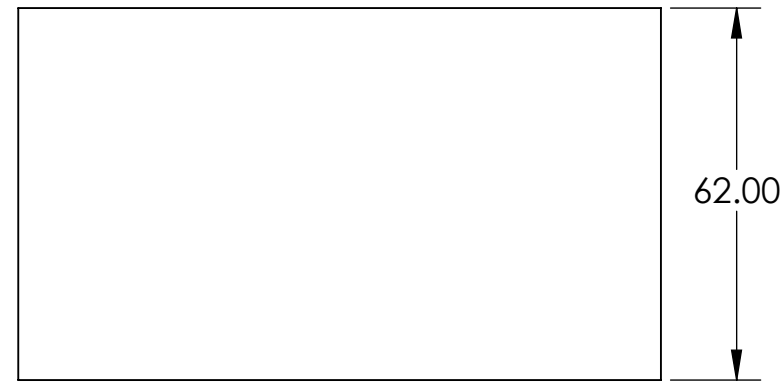
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

TOP COVER MUST BE AIR TIGHT

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME		COVER ASSEMBLY	
SYSTEM	SUB-SYSTEM	DESIGNER	FOLEY	12/15/2010	SIZE DWG. NO.
		DRAFTER			B D1002670
MATERIAL	FINISH	CHECKER			REV. v2
SEE BOM	- μinch	APPROVAL			SCALE: 1:48 PROJECTION: SHEET 1 OF 1
	NEXT ASSY				D1002663

D1002670- cover assembly, PART PDM REV: A, DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

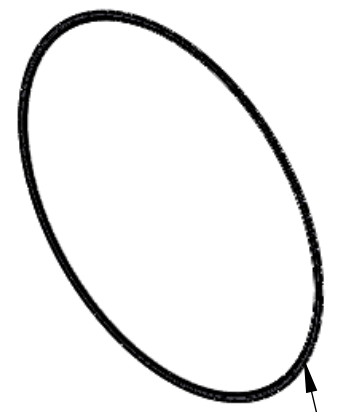
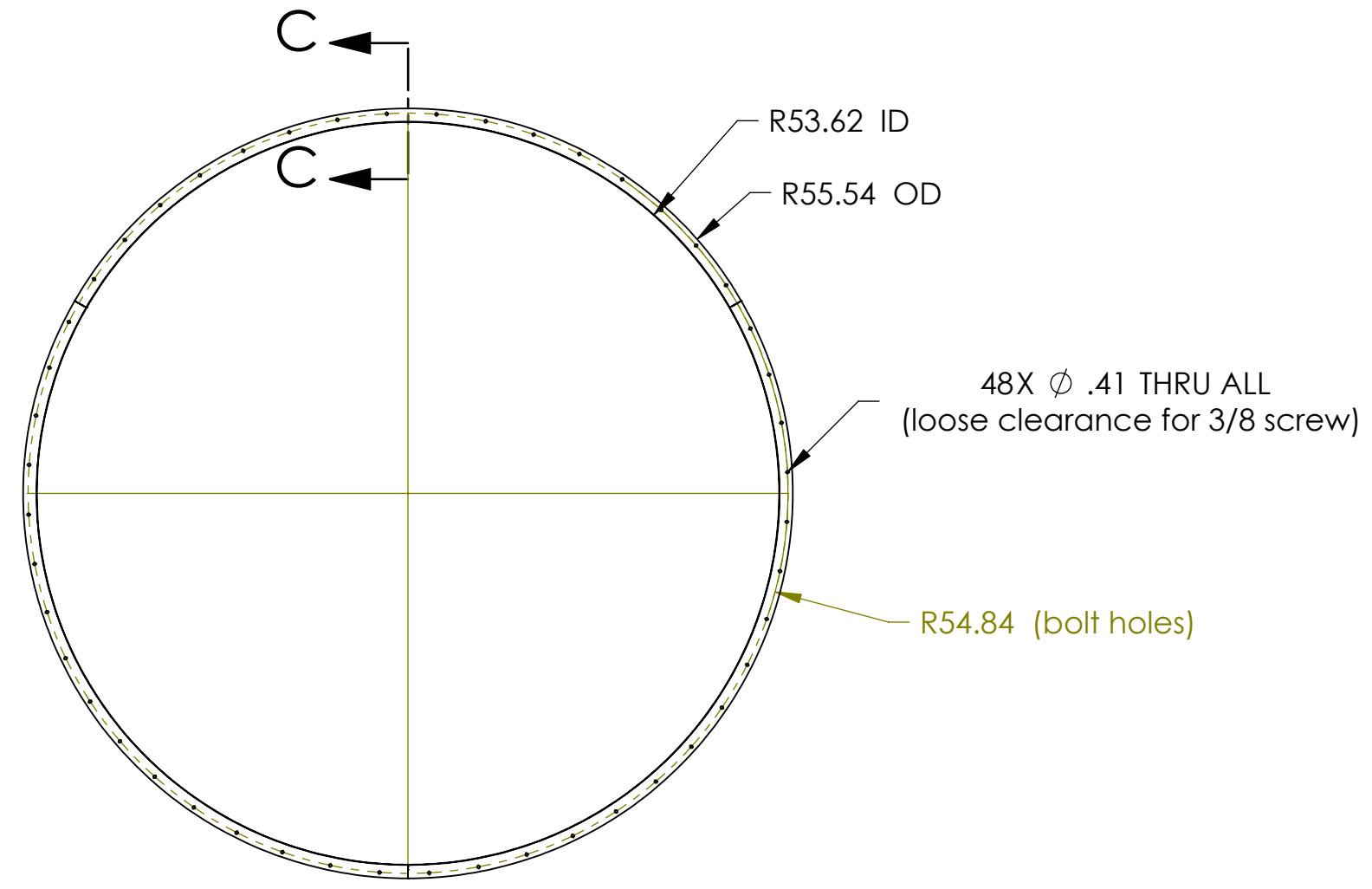
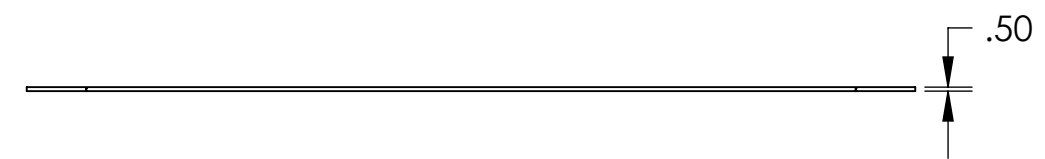
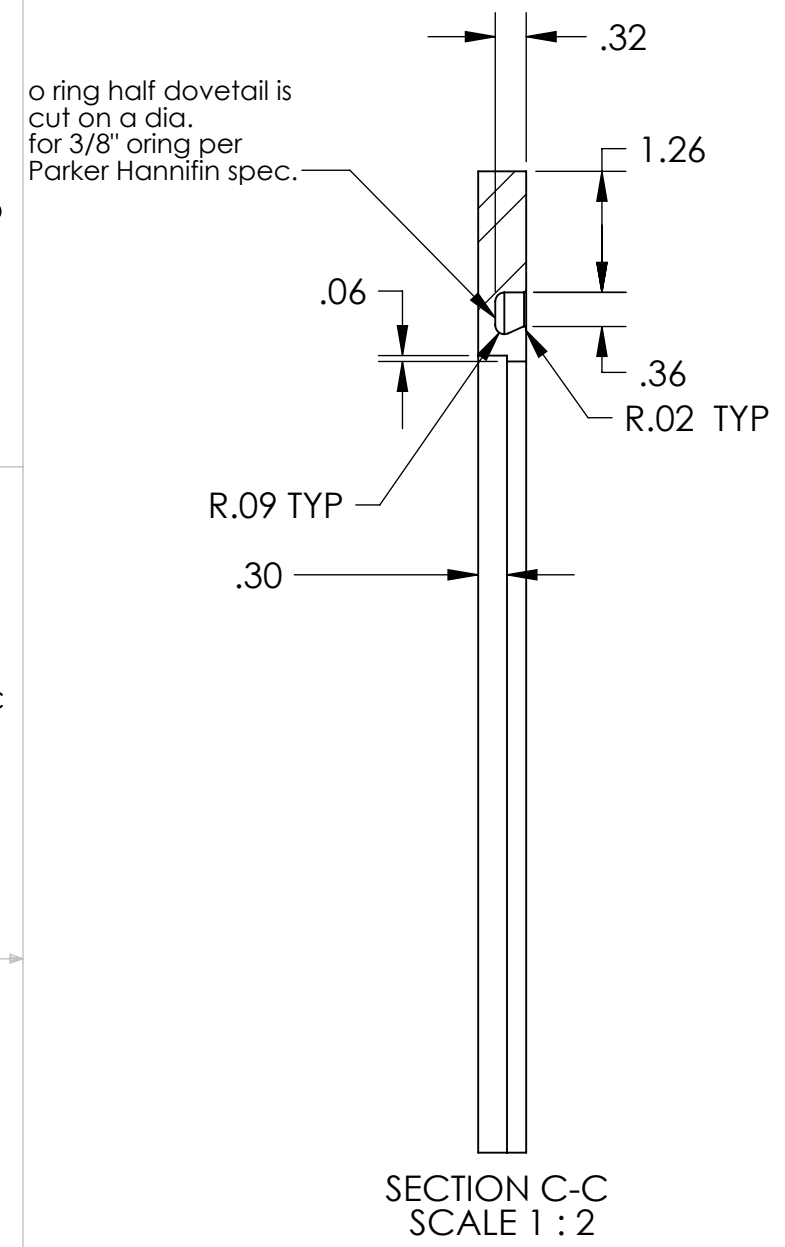


WELD ONE OR MORE SEAMS
AIR TIGHT,
SMOOTH AND CLEAN ON
INTERIOR and ON TOP AND BOTTOM
1" OF EXTERIOR

D1002664- wall, PART PDM REV: A, DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				SYSTEM		SUB-SYSTEM	
TOLERANCES: .XX ± .01 .XXX ± .004 ANGULAR ± °				NEXT ASSY		DESIGNER	FOLEY
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGE AND BURRS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				D1002670		DATE	12/15/2010
MATERIAL				FINISH		SIZE	DWG. NO.
AISI 304				- μinch		B	D1002664
						CHECKER	REV.
						APPROVAL	V1
						SCALE: 1:32	PROJECTION:
						SHEET 1 OF 1	

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



THIS RING IS MAY BE SECTIONED INTO 3 120 DEGREE PIECES AND WELDED TOGETHER. ORING CHANNEL MUST BE AIR TIGHT AND CLEAR OF ALL DEBRIS.

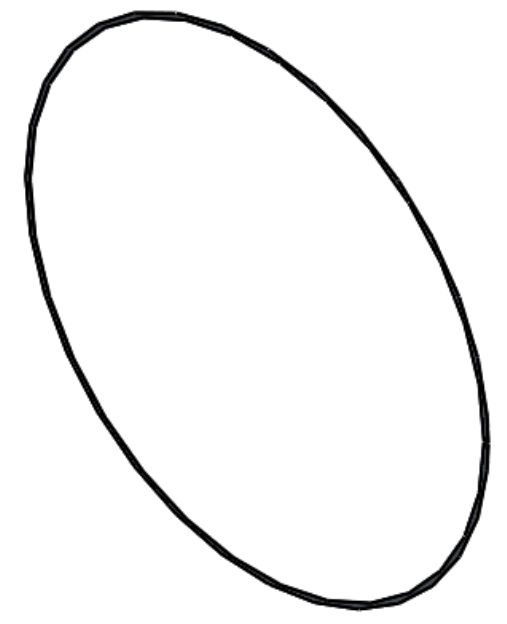
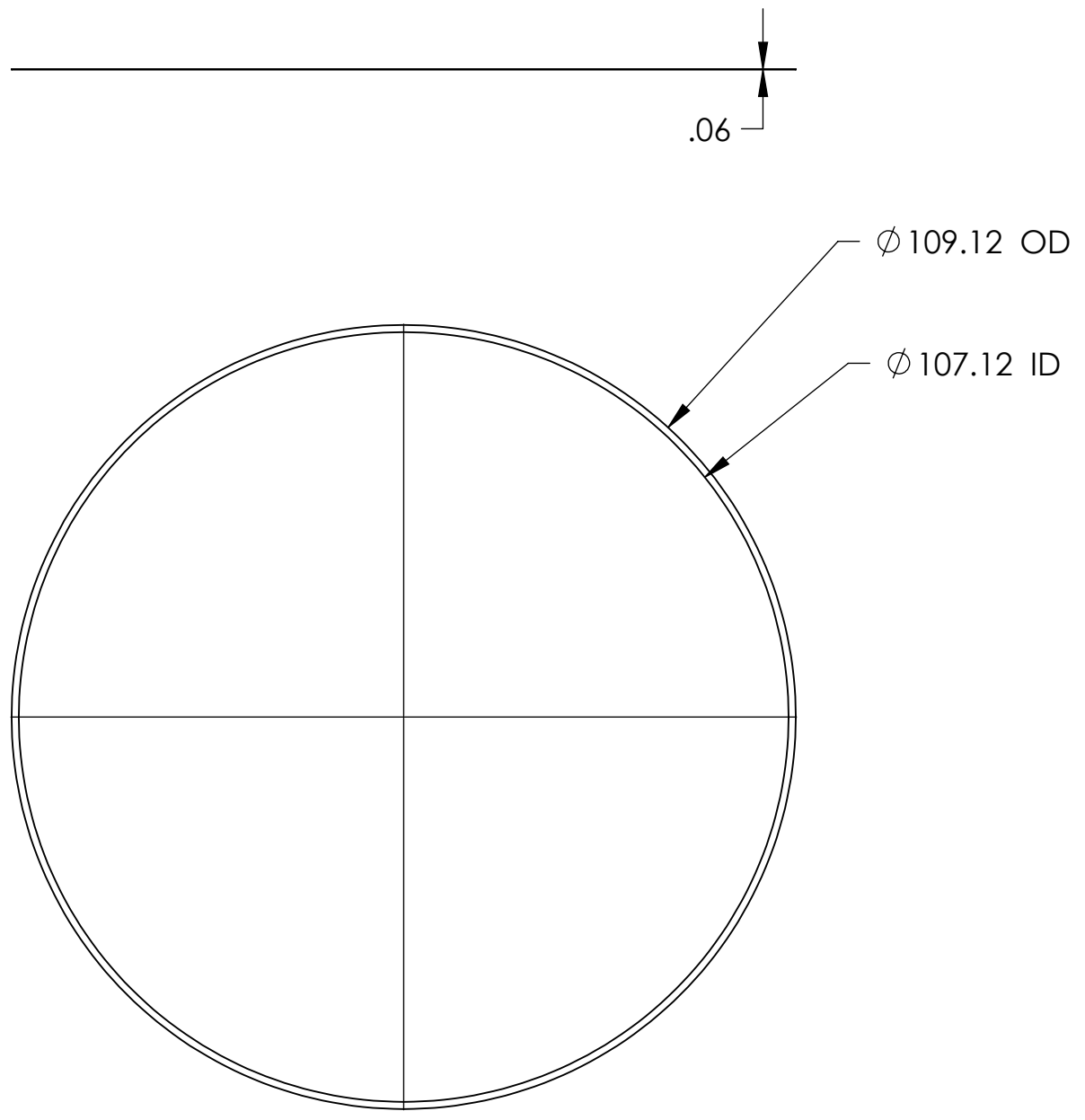
D1002669- seal plate, PART PDM REV: A, DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN inches TOLERANCES: .XX ± .01 .XXX ± .004 ANGULAR ± °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS. 3. DO NOT SCALE FROM DRAWING.		SEAL PLATE	
MATERIAL		FINISH		NEXT ASSY		DESIGNER	REV.
AISI 304		- μinch		D1002670		FOLEY	V1
				DATE		SIZE	DWG. NO.
				12/15/2010		B	D1002669
				SCALE		PROJECTION:	
				1:24		SHEET 1 OF 1	

8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

NOTES CONTINUED:
 4. SHEET METAL WALL RING MAY BE FABRICATED IN SEVERAL SECTIONS AND WELDED TOGETHER.



D1002666- wall ring, PART PDM REV: A, DRAWING PDM REV:

D
C
B
A

D
C
B
A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS. 3. DO NOT SCALE FROM DRAWING.		SYSTEM	SUB-SYSTEM	DESIGNER	FOLEY
TOLERANCES: .XX ± .01 .XXX ± .004 ANGULAR ± °		MATERIAL	FINISH	NEXT ASSY	DWG. NO.	REV.	
		AISI 304	- μinch	D1002670	B	V1	
				SCALE: 1:24	PROJECTION:	SHEET 1 OF 1	

8 7 6 5 4 3 2 1

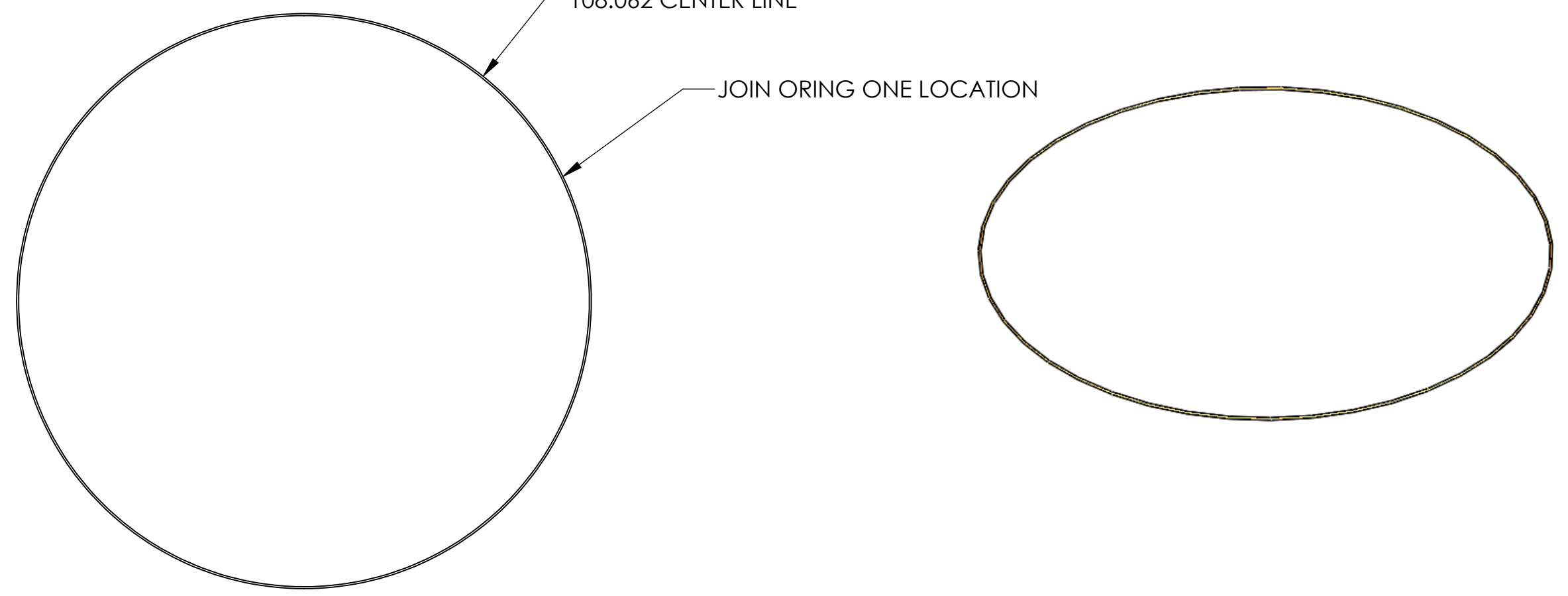
8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

LENGTH OF CORD = 339.49 INCHES

108.062 CENTER LINE

JOIN ORING ONE LOCATION



D
C
B
A

D
C
B
A

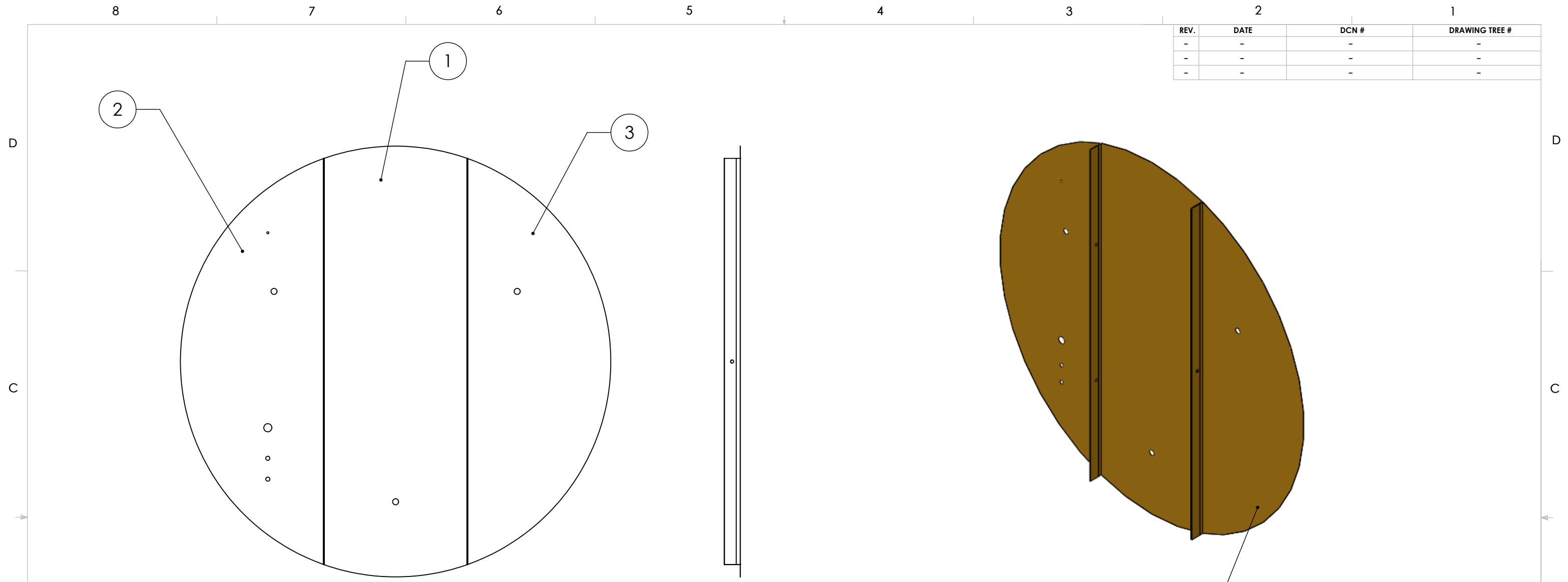
D1002667 o-ring, PART PDM REV: A, DRAWING PDM REV:

8 7 6 5 4 3 2 1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME						
DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. DO NOT SCALE FROM DRAWING. 3. USE MCMaster PART NUMBER 96515K47 ORING CORD 3/8 DIAMETER VITON ams 3216G OR LIGO APPROVED EQUIVALENT		SYSTEM	SUB-SYSTEM	DESIGNER	FOLEY	12/15/2010	SIZE	DWG. NO.	REV.	
TOLERANCES: .XX ± .01 .XXX ± .004 ANGULAR ± °		MATERIAL SEE NOTES		FINISH - μinch		NEXT ASSY D1002670		ORING 3/8		B	D1002667	V1
								SCALE: 1:24	PROJECTION:	SHEET 1 OF 1		

D1100491 BSC storage- top cover assembly, PART PDM REV: , DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



WELD THREE PIECES TOGETHER.
WELD BOTTOM SEAM AND TOP SUPPORT SEAM.
COVER MUST BE AIR TIGHT.

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
3	D1100489	cover- right side	Material <not specified>	1		1
2	D110490	cover- left side	Material <not specified>	1		1
1	D1100488	cover- center	Material <not specified>	1		1

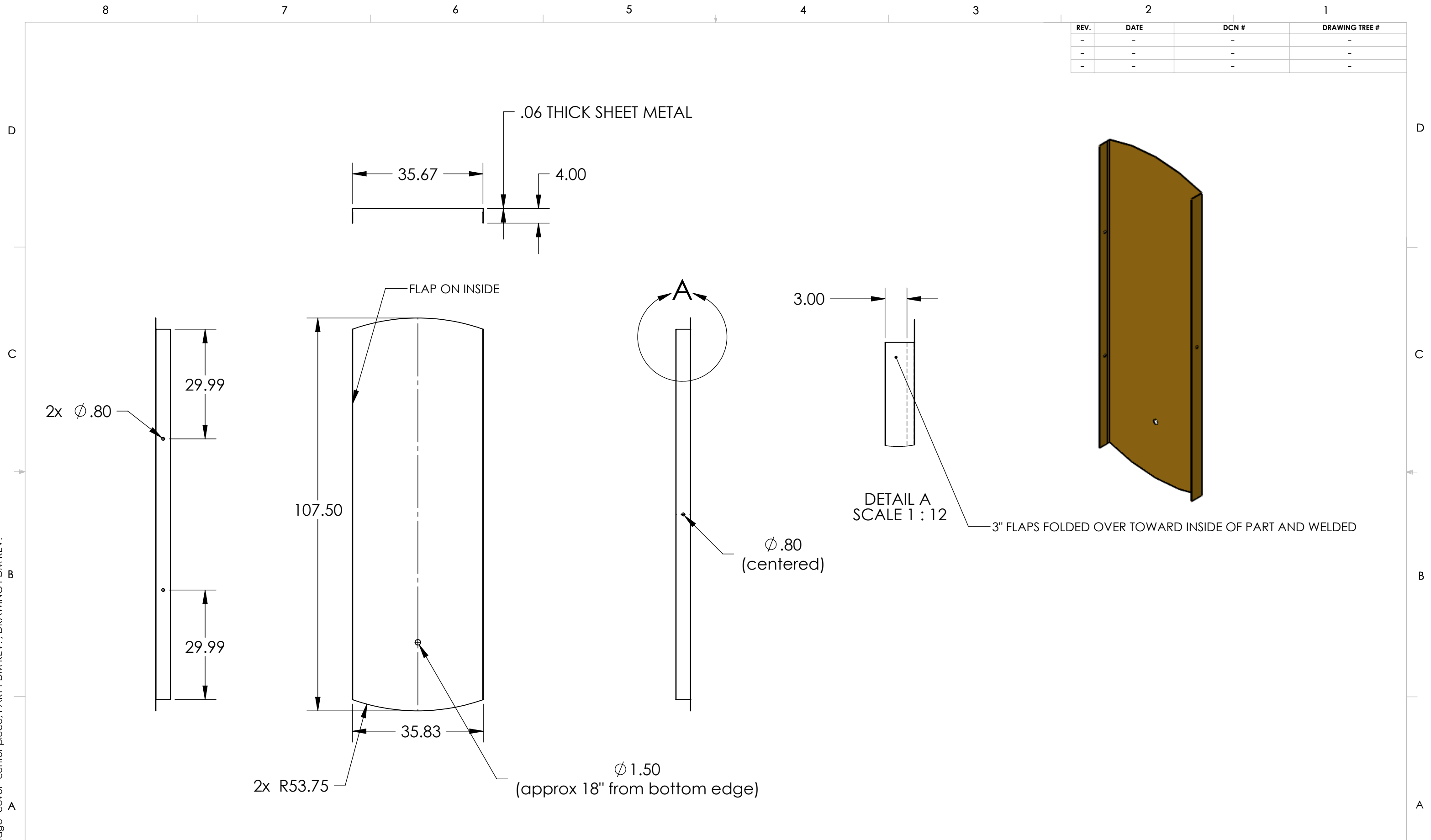
PARTS LIST

<p>NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)</p> <p>DIMENSIONS ARE IN TOLERANCES: .XX ± .XXX ± ANGULAR ± °</p>				<p>MATERIAL: N/A</p>		<p>FINISH: N/A μinch</p>		<p>SYSTEM: CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p>		<p>PART NAME: COVER TOP ASSEMBLY</p>		<p>DESIGNER: Foley</p>		<p>DATE: 3/23/2011</p>		<p>SIZE: B</p>		<p>DWG. NO.: D1100491</p>		<p>REV.: v1</p>	
<p>SCALE: 1:24</p>										<p>PROJECTION:</p>		<p>SHEET 1 OF 1</p>									

8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

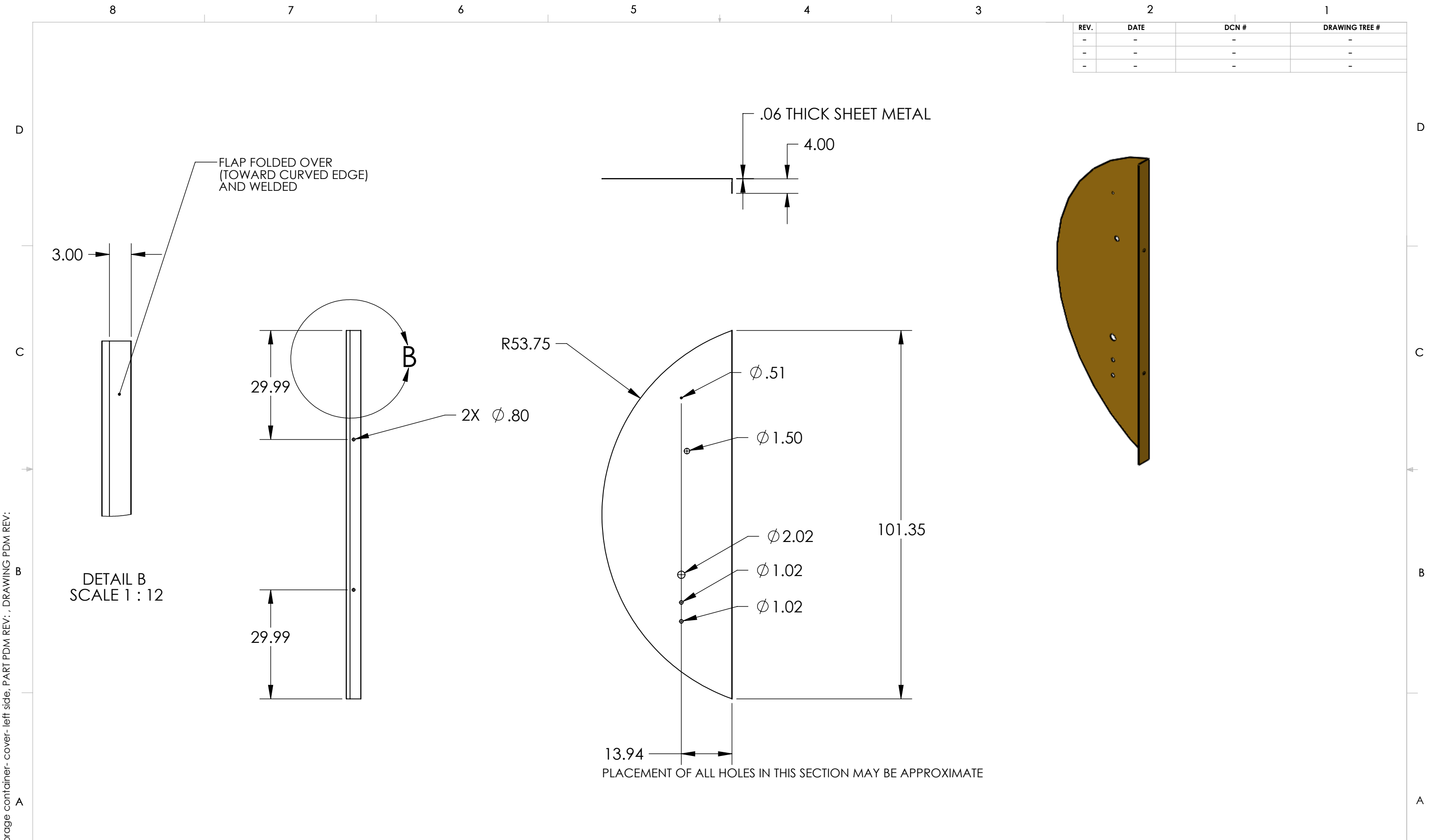
D1100488 BSC storage- cover- center piece, PART PDM REV.: , DRAWING PDM REV.:



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME BSC storage container- cover center					
DIMENSIONS ARE IN				SYSTEM		SUB-SYSTEM		DESIGNER	Foley	3/16/2011	SIZE	DWG. NO.	REV.
TOLERANCES:				NEXT ASSY		D1100491		DRAFTER	Foley	3/16/2011	B	D1100488	v1
.XX ± .02				MATERIAL		AISI 304		CHECKER			SCALE: 1:24	PROJECTION:	SHEET 1 OF 1
.XXX ± .005				FINISH		μinch		APPROVAL					
ANGULAR ± °													

D1100488 BSC storage- cover- center piece, PART PDM REV.: , DRAWING PDM REV.:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



D1100490 BSC storage container- cover- left side, PART PDM REV.: , DRAWING PDM REV.:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

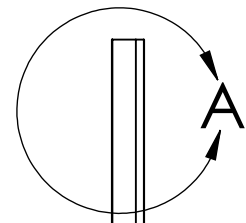
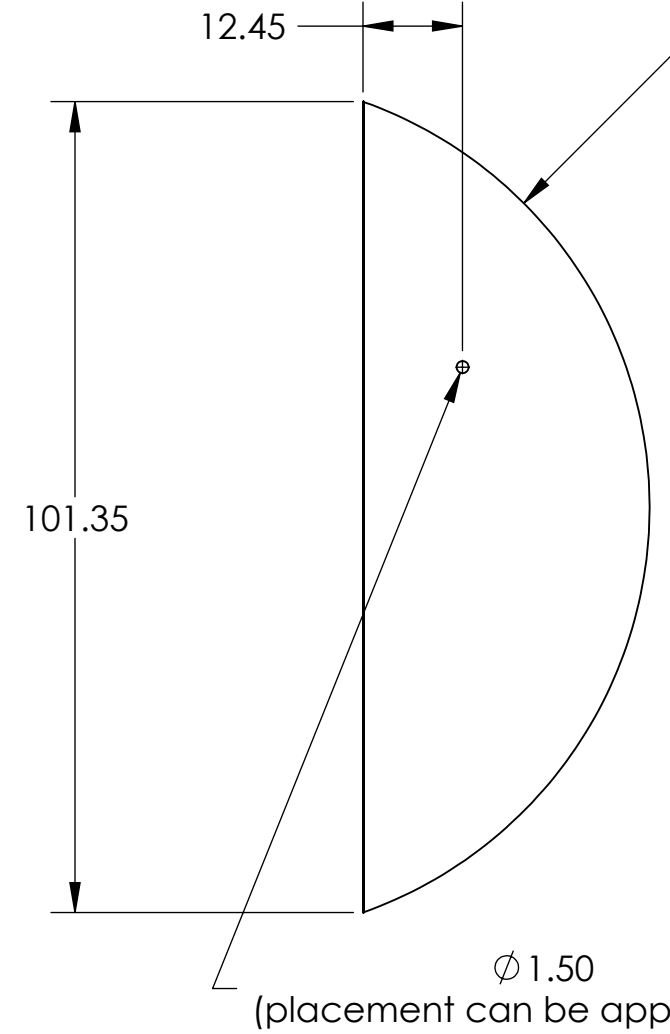
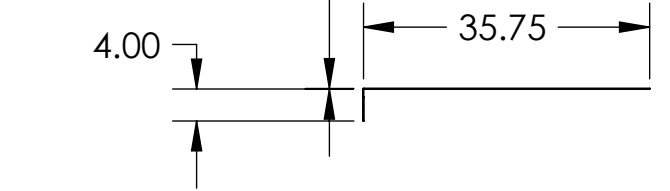
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN		
TOLERANCES:		
.XX ± .02		
.XXX ± .005		
ANGULAR ± °		
MATERIAL	AISI 304	FINISH
		µinch
NEXT ASSY	D1100491	

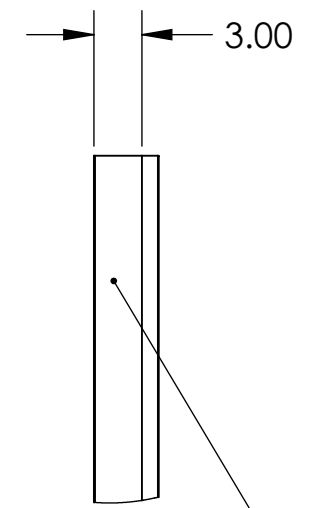
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME		BSC storage cont.- cover, left side	
	DESIGNER	Foley	3/16/02011	SIZE DWG. NO.
DRAFTER			B	D1100490
CHECKER			SCALE: 1:24	PROJECTION:
APPROVAL			SHEET 1 OF 1	REV. v1

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

.06 THICK SHEET METAL

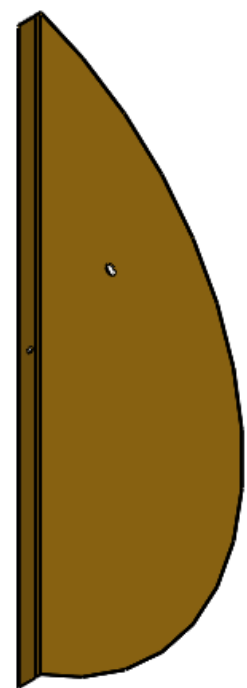


Ø .80
(centered)



DETAIL A
SCALE 1 : 12

FLAP FOLDED OVER
(TOWARD ROUNDED EDGE)
AND WELDED

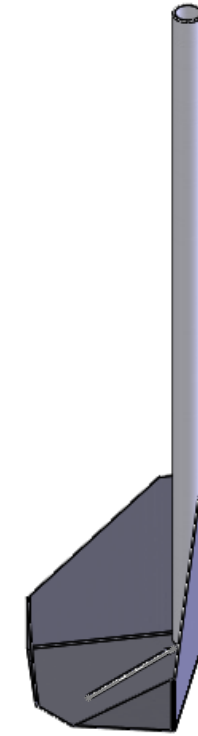
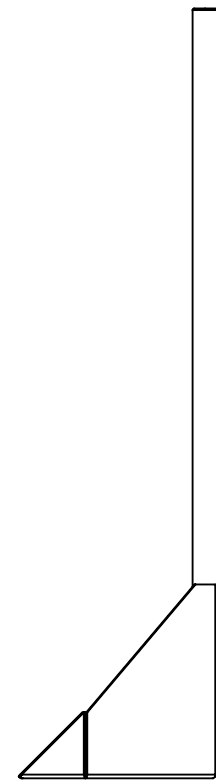
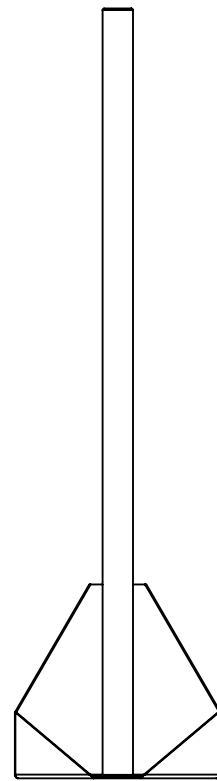
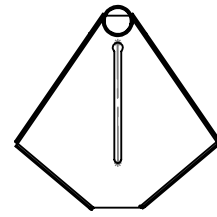


D1100489 BSC storage condenser cover- right side, PART PDM REV: , DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		SYSTEM		SUB-SYSTEM	
TOLERANCES:		MATERIAL		NEXT ASSY		DESIGNER	
.XX ± .02		Material <not specified>		D1100491		Foley 3/16/2011	
.XXX ± .005		FINISH				DRAFTER	
ANGULAR ± °		μinch				Foley 3/16/2011	
						CHECKER	
						APPROVAL	
						SCALE: 1:24 PROJECTION:	
						SIZE DWG. NO. B D1100489	
						REV. v1	
						SHEET 1 OF 1	

D1002685- guide post assembly, PART PDM REV: A, DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	RE Q	SPARE	TOTAL
2	D1002684	GUIDE STAND PIPE	Plain Carbon Steel	1		1
1	D1002683	GUIDE STAND BASE	Alloy Steel	1		1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

1. PAINT AFTER FABRICATION

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: **GUIDE POST ASSEMBLY**

MATERIAL	FINISH	NEXT ASSY	DESIGNER	FOLEY	12/15/2010	SIZE DWG. NO.	REV.
-	- μinch	D1002663	DRAFTER			B D1002685	V1
SCALE: 1:12 PROJECTION:						SHEET 1 OF 1	

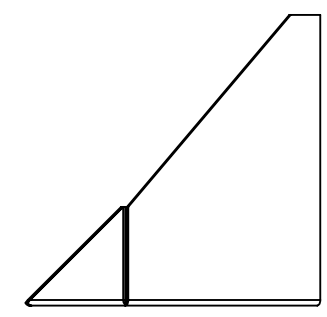
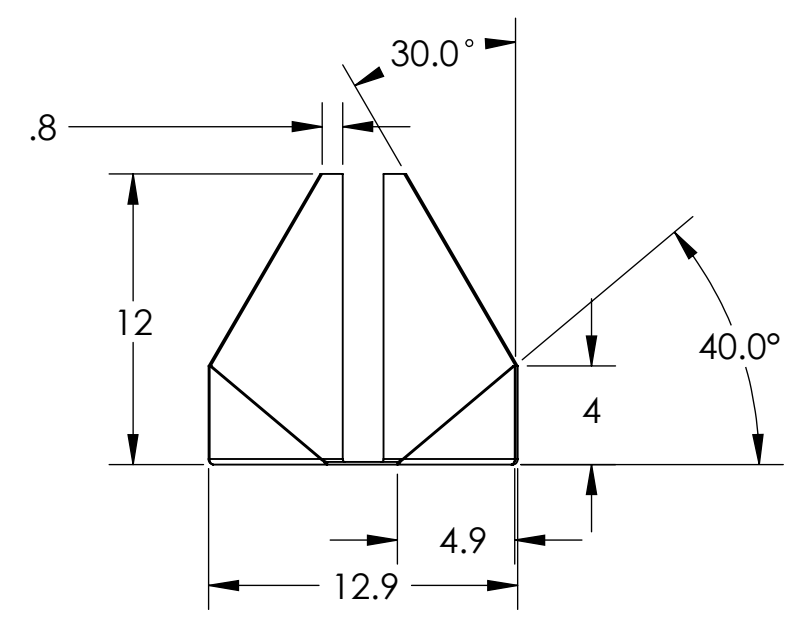
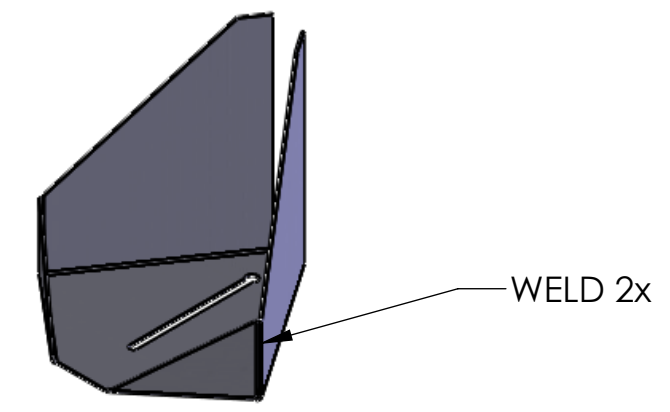
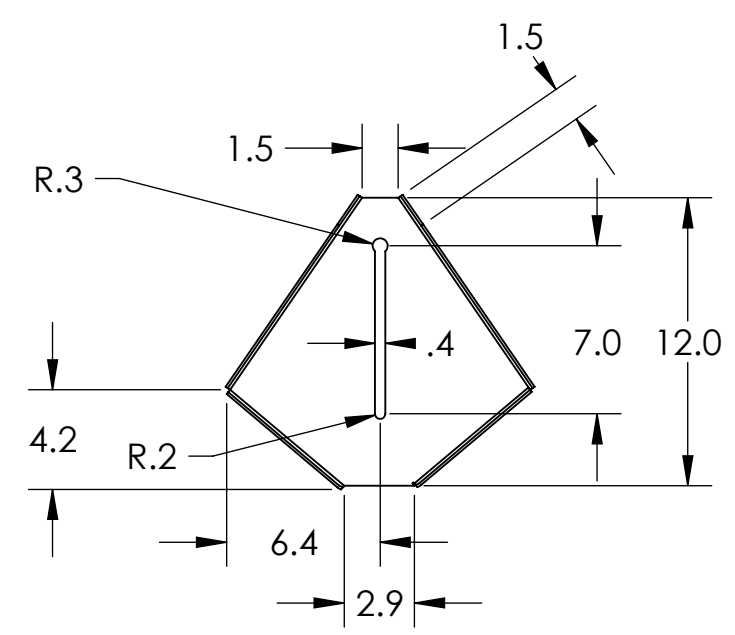
8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A

8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

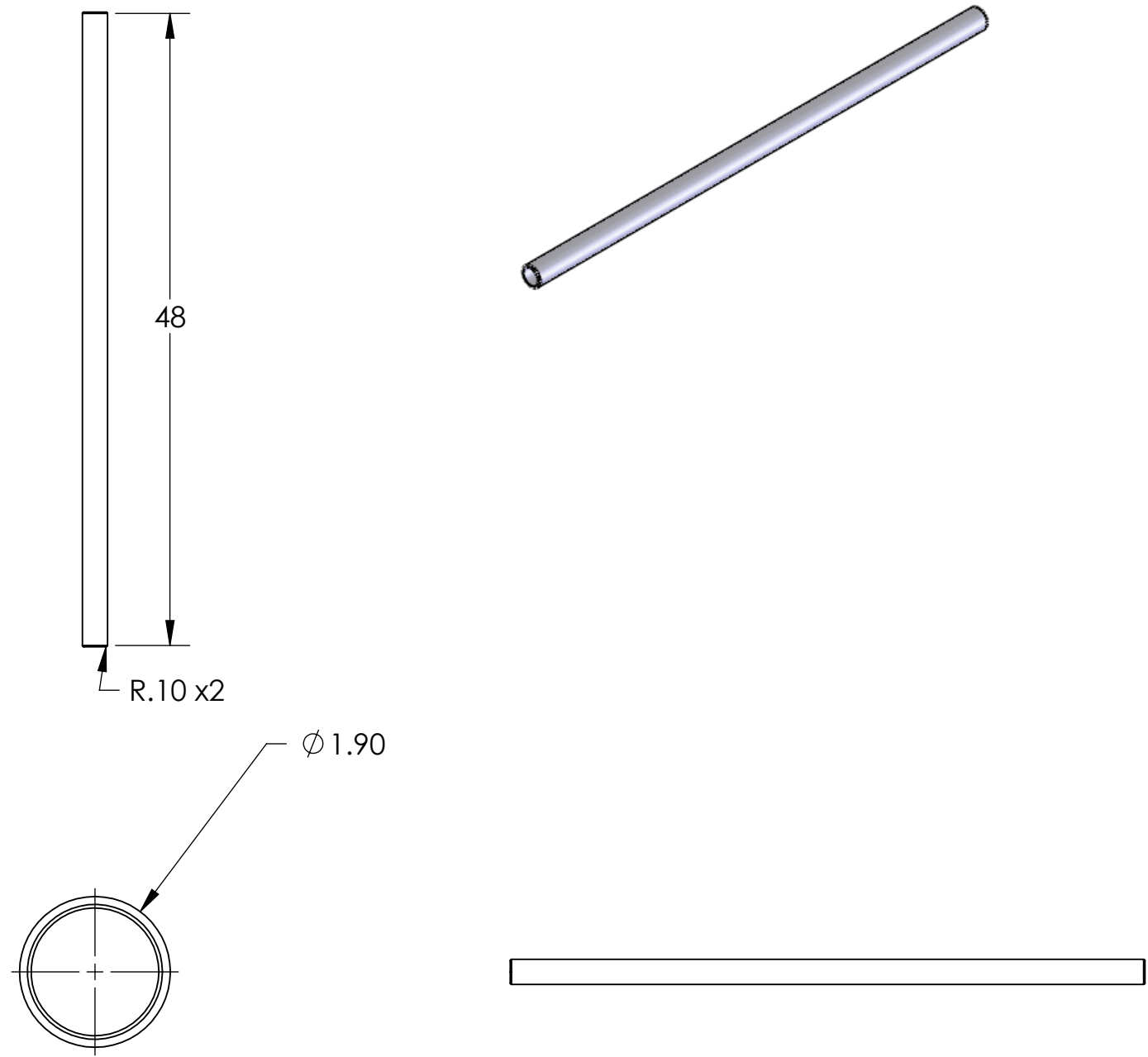


D1002683- guide stand base, PART PDM REV: A, DRAWING PDM REV:

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN inches TOLERANCES: .XX ± .XXX ± ANGULAR ± °				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS 3. DO NOT SCALE FROM DRAWING.		GUIDE STAND BASE	
MATERIAL		FINISH		NEXT ASSY		DESIGNER	REV.
12 GAUGE STEEL		PAINT AFTER FAB		D1002685		FOLEY	v1
						12/15/2010	
						SIZE DWG. NO.	
						B	D1002683
						SCALE: 1:8	PROJECTION:
						SHEET 1 OF 1	

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

D1002684-guide post, PART PDM REV: A, DRAWING PDM REV:



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN inches		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS. 3. DO NOT SCALE FROM DRAWING. 4. MATERIAL: 1 1/2" DIAMETER STEEL PIPE SCHEDULE 40		SYSTEM	SUB-SYSTEM	DESIGNER	FOLEY	12/15/2010	SIZE	DWG. NO.	REV.
TOLERANCES: .XX ± .XXX ±		MATERIAL		NEXT ASSY		DRAFTER		B		D1002684	V1
ANGULAR ± °		Plain Carbon Steel: SEE NOTES		D1002685		CHECKER		SCALE: 1:12		PROJECTION:	SHEET 1 OF 1
		FINISH - μinch				APPROVAL					

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

A

B

C

D

A

B

C

D