

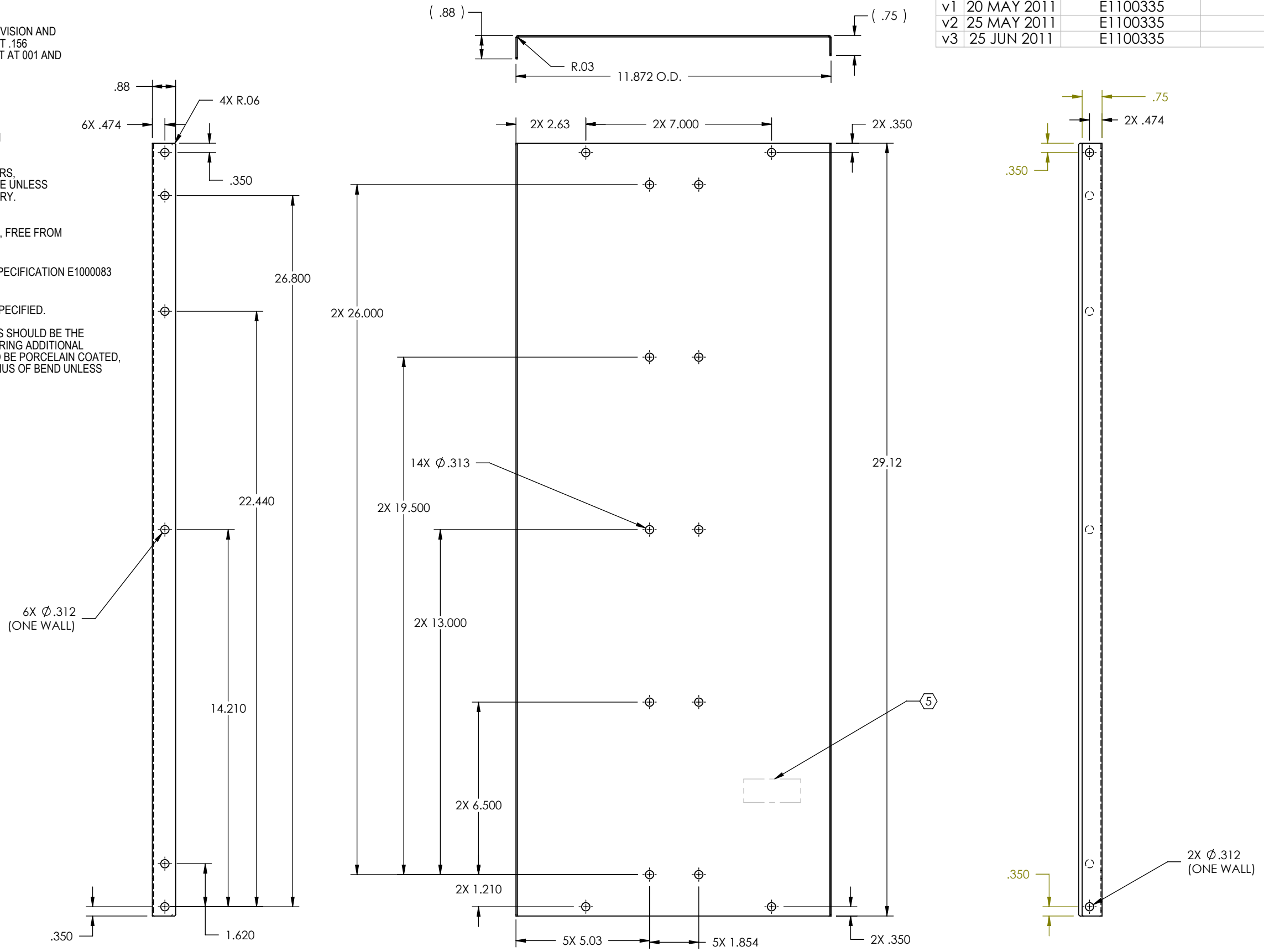
8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
v1	20 MAY 2011	E1100335	-
v2	25 MAY 2011	E1100335	-
v3	25 JUN 2011	E1100335	-

NOTES: UNLESS OTHERWISE SPECIFIED

5 MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY.  
EXAMPLE: D100XXXX=V1  
S/N 001

- 6. DELETED
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
- 9 SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- 10 PART WILL BE COMPLETELY PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.
- 11. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
- 12. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING. IN PARTICULAR IF SHEET METAL IS TO BE PORCELAIN COATED, THE BEND RADIUS SHALL BE A MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS OTHERWISE NOTED.



D1100953\_AdlIGO\_AOS\_SLC\_ARM Cavity Baffle Skin-Right, PART PDM REV: X-004, DRAWING PDM REV: X-012

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES:	2. REMOVE ALL SHARP EDGES. FULL RADIUS ON ALL EDGES AND HOLES.
.XX ± .03	3. DO NOT SCALE FROM DRAWING.
.XXX ± .015	4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
ANGULAR ± 1.0°	
MATERIAL	FINISH
18 GA Enamel Steel A424 Type I	9 10

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
DESIGNER	M.RUIZ	20 May 2010	SIZE DWG. NO.
DRAFTER	MRUIZ	20 MAY 2011	B
CHECKER			D1100953
APPROVAL			REV. v3
SCALE: 1:4		PROJECTION:	
		SHEET 1 OF 1	

8 7 6 5 4 3 2 1