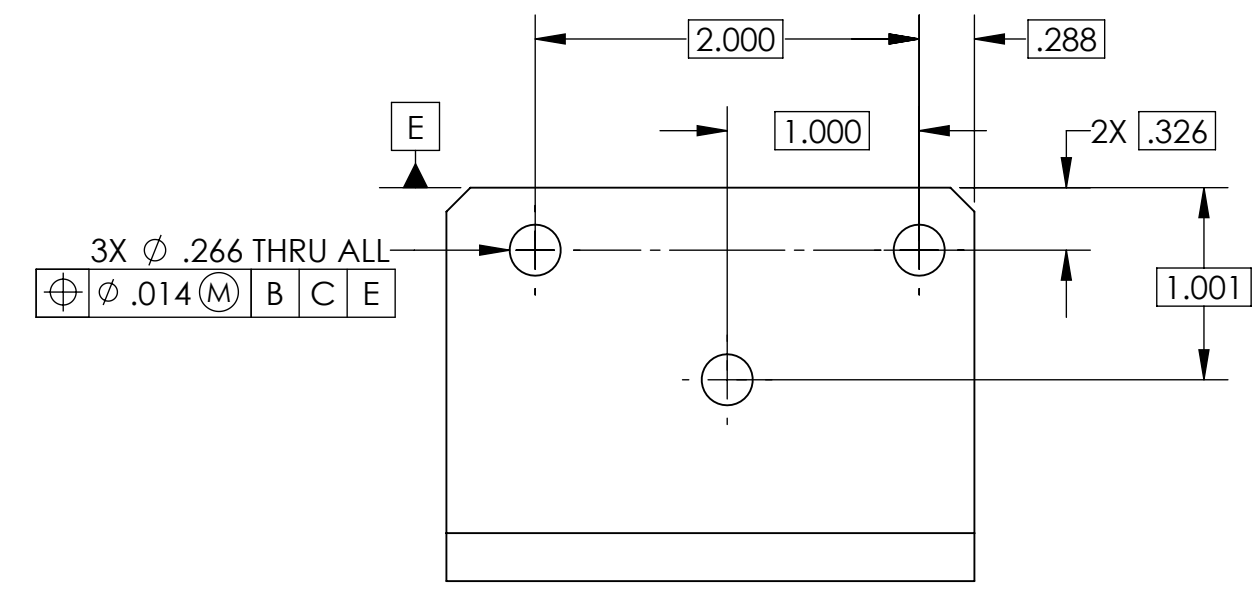
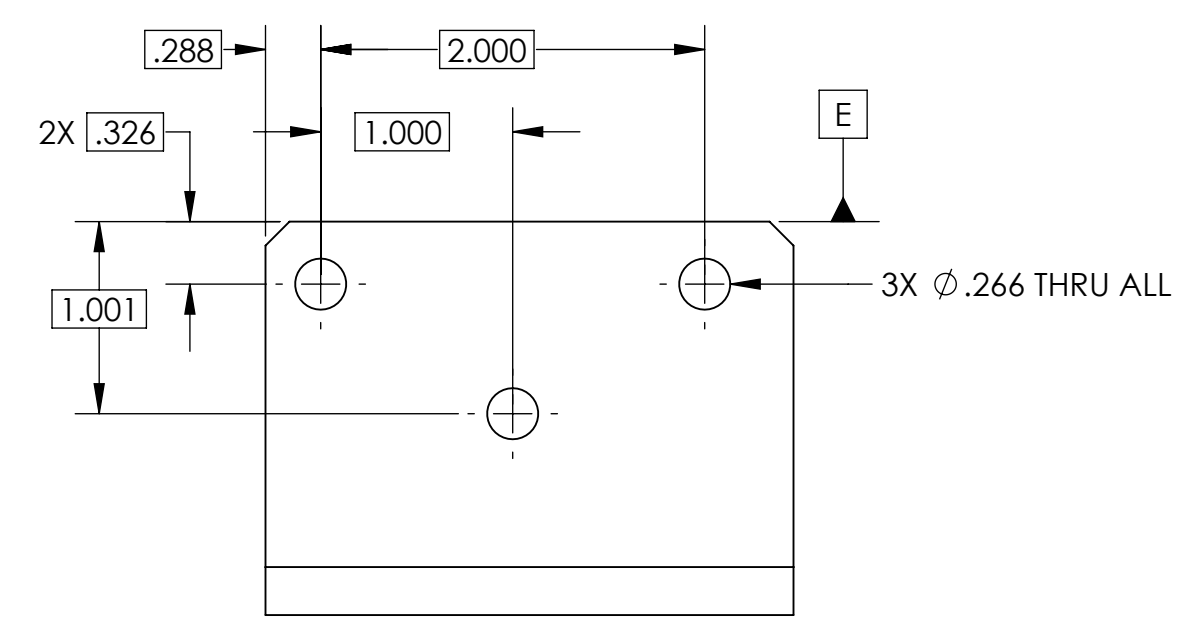


- NOTES CONTINUED:**
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
 6. APPROXIMATE WEIGHT = .30 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, FLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.



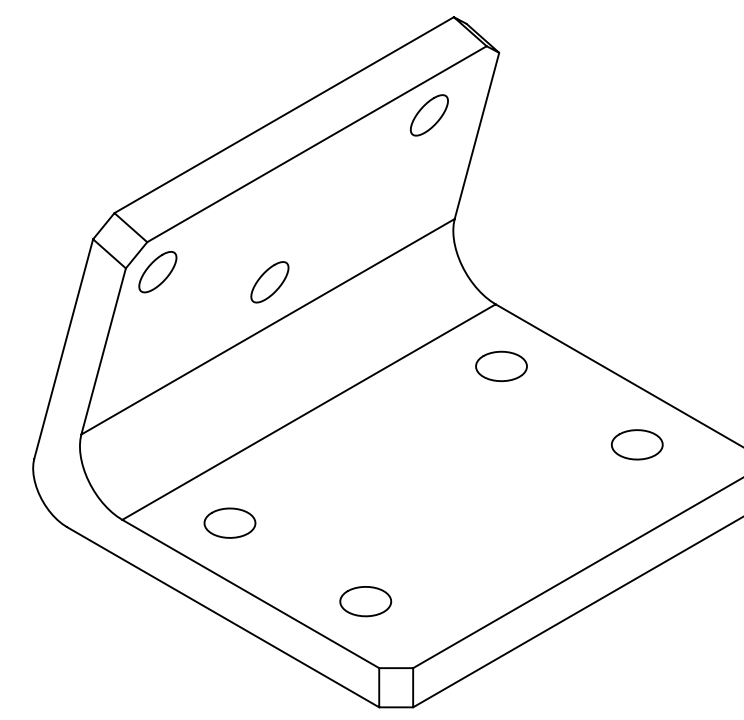
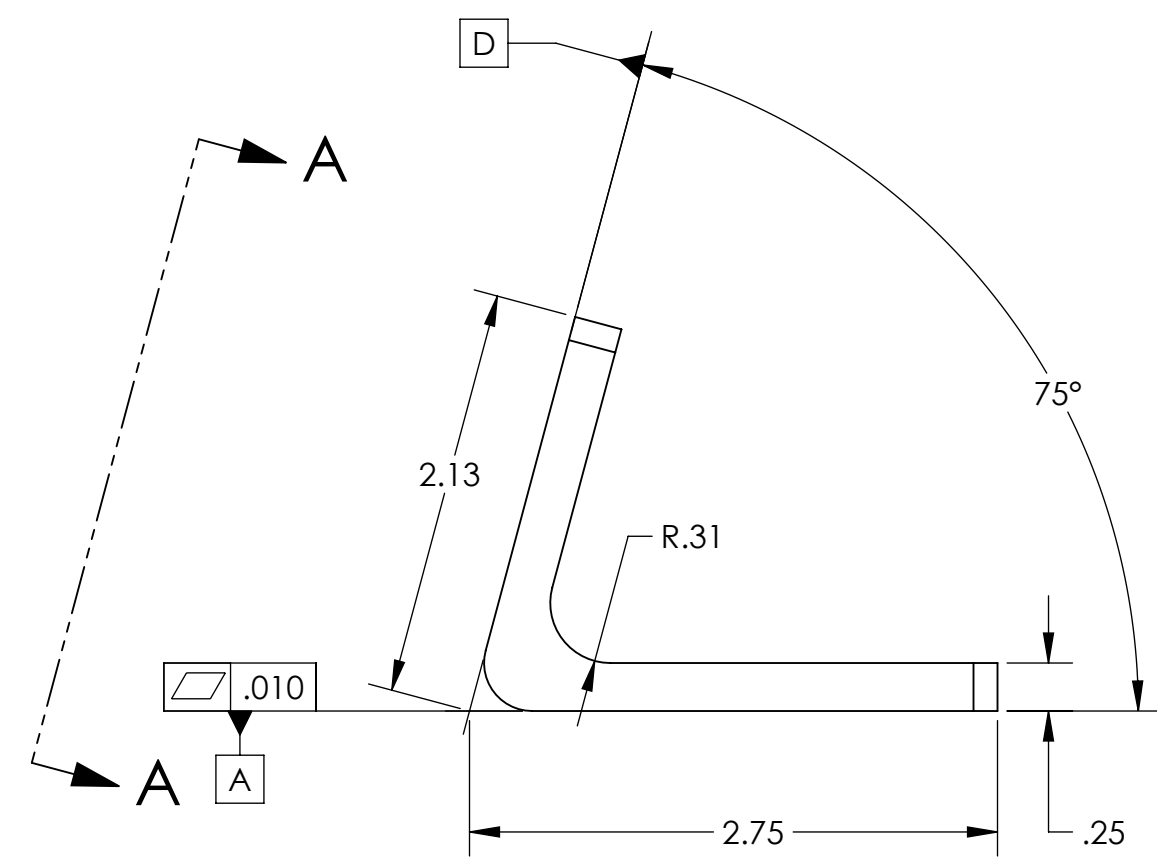
VIEW A-A
(ROTATED 15 DEGREES CCW)



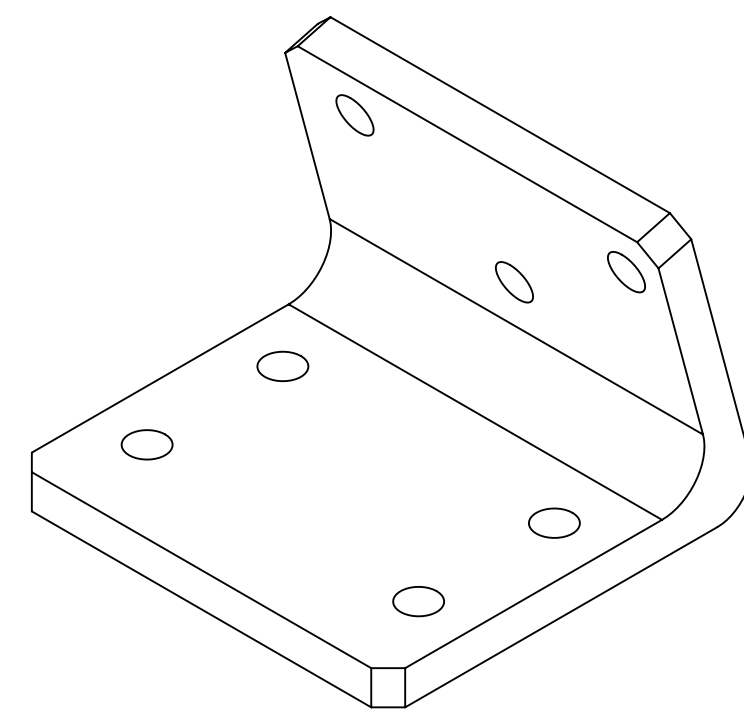
VIEW B-B
(ROTATED 15 DEGREES CW)

REV.	DATE	DCN #	DRAWING TREE #
v1	05 NOV 2012	E1200891-x0	E1201007
-	-	-	-
-	-	-	-

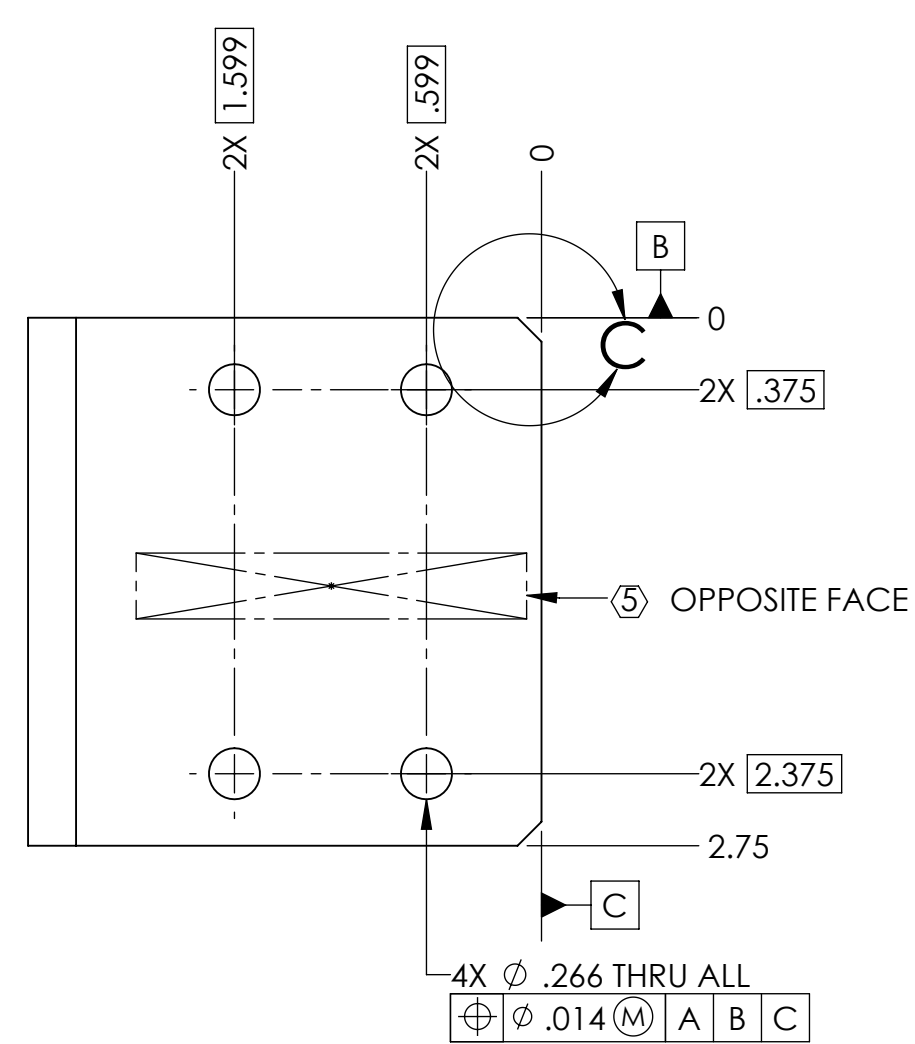
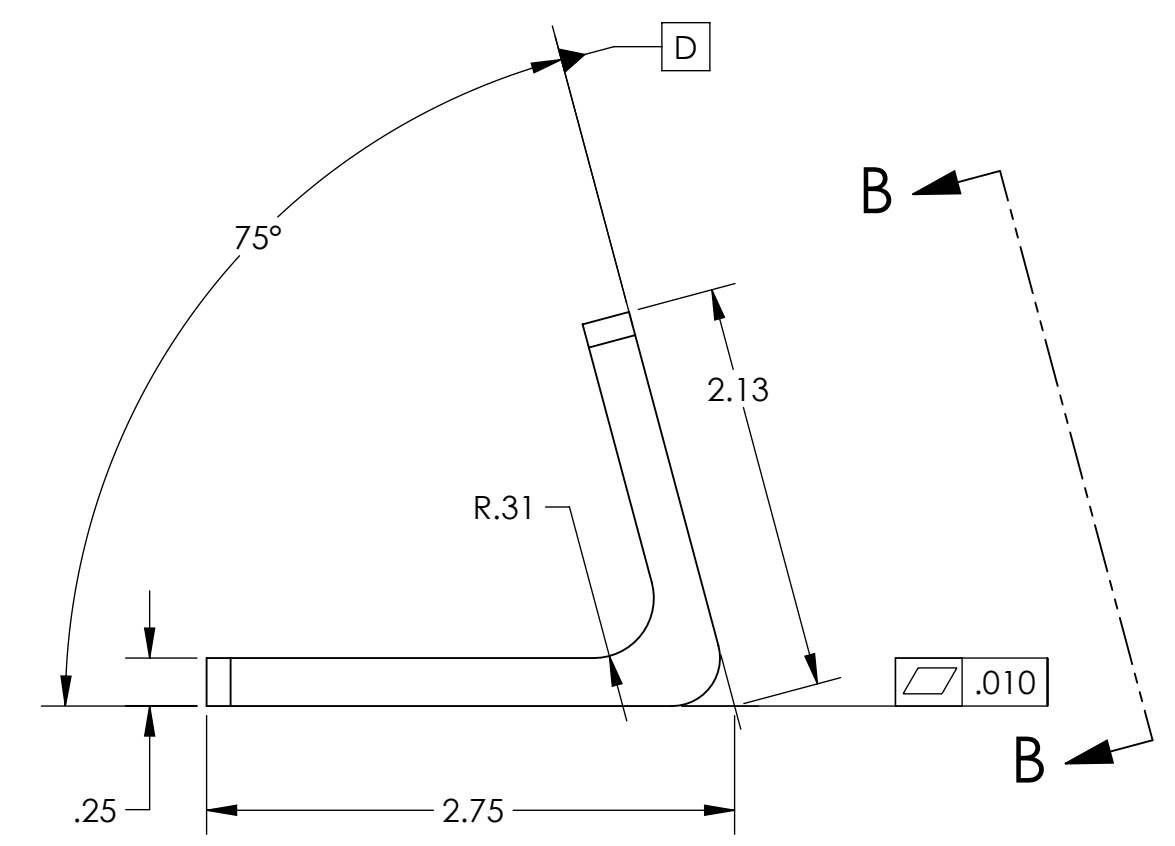
TYPE	DESCRIPTION
-01	X-arm
-02	Y-arm



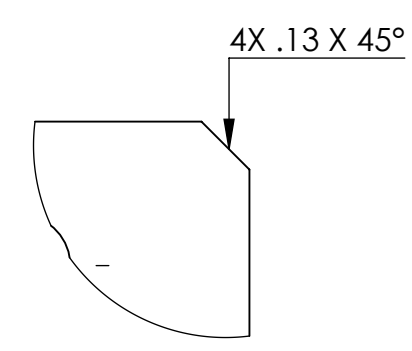
ISO VIEW



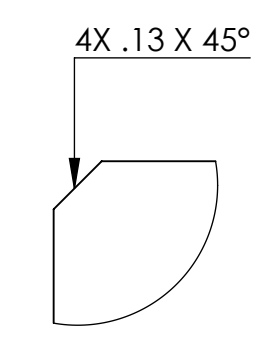
ISO VIEW



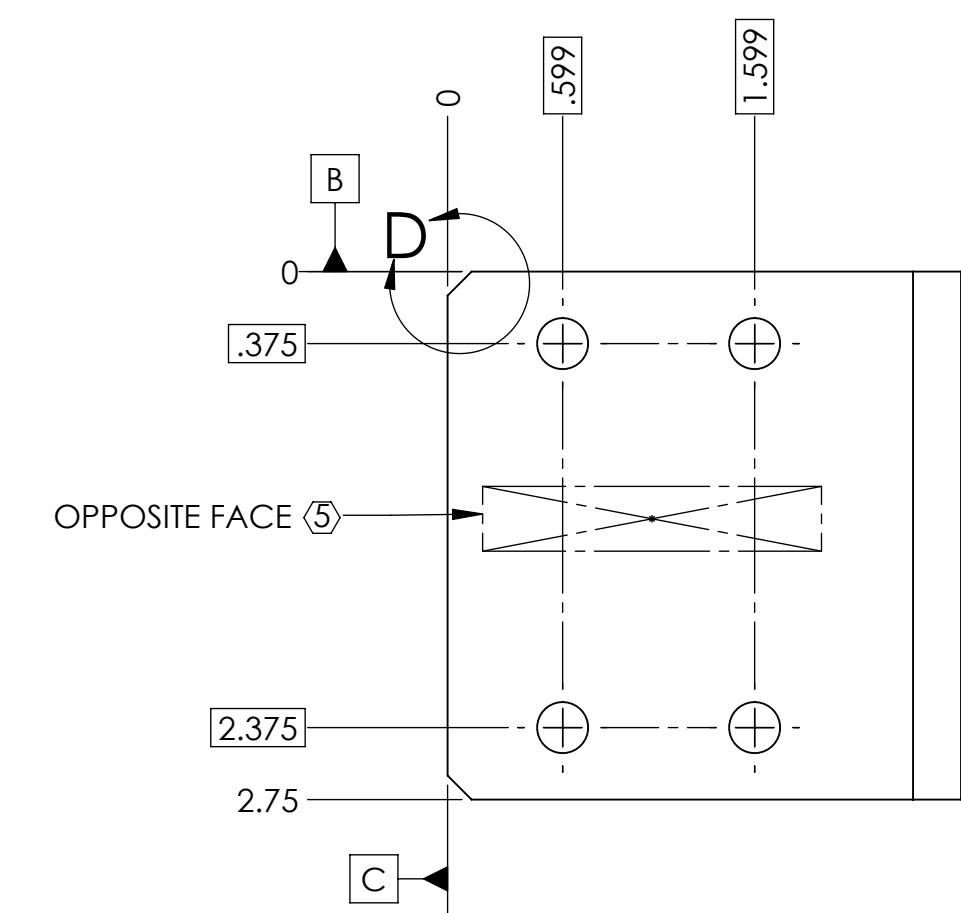
-01 DETAIL



DETAIL C
SCALE 2 : 1



DETAIL D
SCALE 2 : 1



-02 DETAIL

DIMENSIONS ARE IN INCHES		NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
TOLERANCES: .XX ± .01 .XXX ± .005		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02. 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		FRONT SIDE WALL STRUT, CO2P PERISCOPE	
ANGULAR ± 1.0°		MATERIAL		SUB-SYSTEM		DESIGNER	
		6061 Alloy		ADVANCED LIGO		M. JACOBSON	
		FINISH		AOS		21 SEPT 2012	
		63 μinch		NEXT ASSY		D	
				D1200953		DWG. NO.	
						D1201370	
						CHECKER	
						M. JACOBSON	
						APPROVAL	
						SCALE: 1:1	
						PROJECTION:	
						SHEET 1 OF 1	
						REV.	
						v1	

D1201370_FRONT_SIDE_WALL_STRUT_CO2P_PERISCOPE_PART_PDM_REV_X003_DRAWING_PDM_REV_X004