NOTES CONTINUED:

Ⓢ 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: DXXXXXXX-VY, TYPE-XX, S/N XXX DO NOT APPLY MARK ON SUPER #8 SIDE.

6. APPROXIMATE WEIGHT = 2.69 LB.

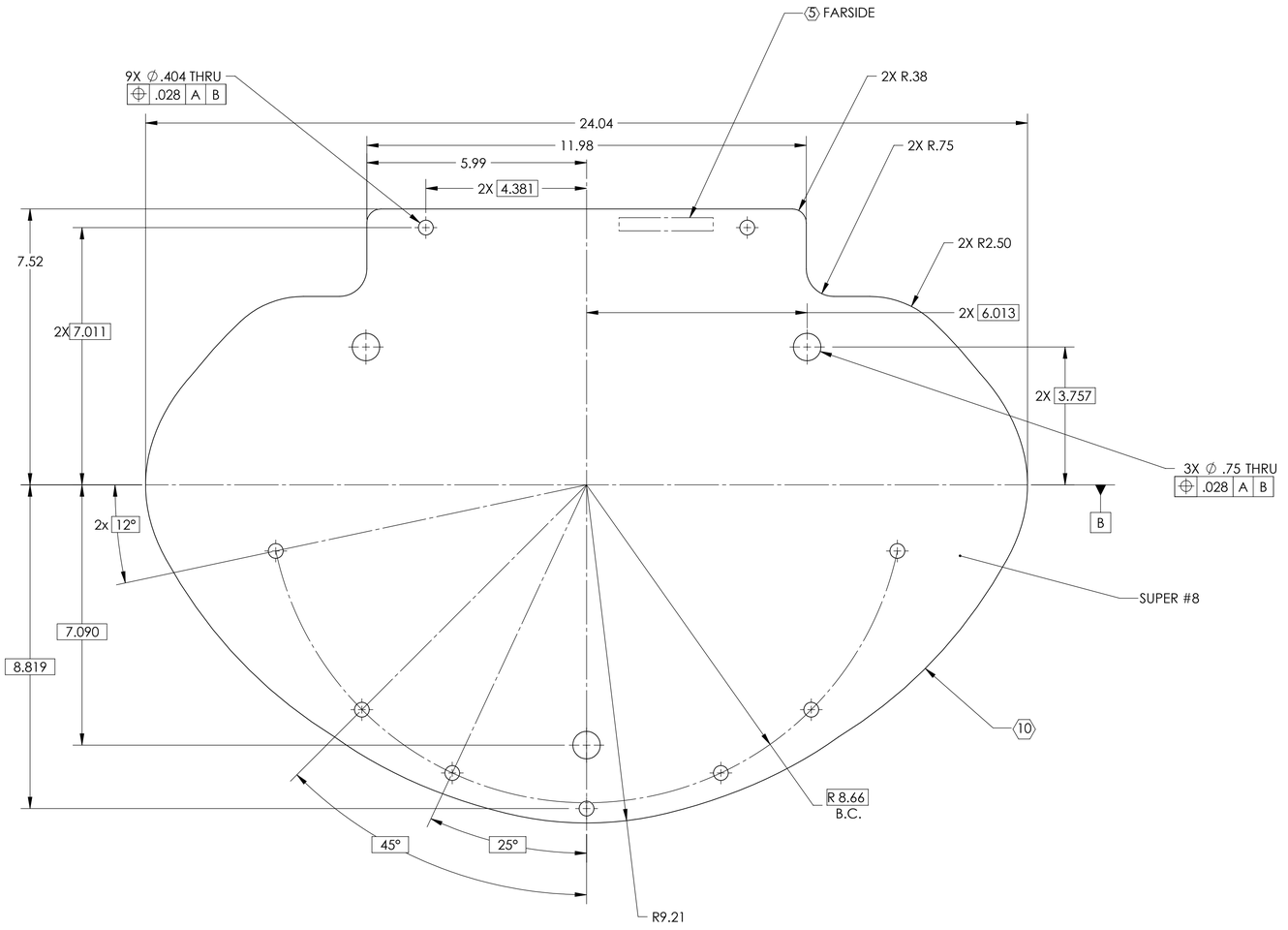
7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 AND E1100842.

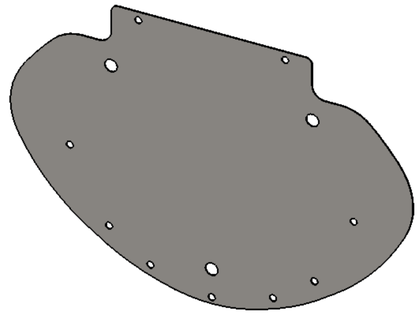
8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

▽ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES

⑩ CAD FILE D1000883 MUST USED TO GENERATE ELLIPSE CURVES.

REV.	DATE	DCN #	DRAWING TREE #
v1	10 OCT 2011	E1000406-v1	-
-	-	-	-
-	-	-	-





GENERAL VIEW
FOR REFERENCE ONLY
NO SCALE

D1101925_odtLIGO_SLC Fold Mirror Elliptical One Arm Test Plate, PART PDM REV: X-X06, DRAWING PDM REV: X-X04

DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .02 .XXX ± .005 ANGULAR ± 0.5°	**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)** 1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS. 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 18 GAUGE 304 SSTL	**FINISH** ⑨ SUPER #8
NEXT ASSY D1000429	

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO **SUB-SYSTEM** AOS

PART NAME FM ELLIPTICAL ONE ARM TEST PLATE

DESIGNER	TQ. NGUYEN	7 OCT 2011	
DRAFTER	TQ. NGUYEN	7 OCT 2011	
CHECKER	L. AUSTIN		
APPROVAL	M. SMITH		

SIZE D **DWG. NO.** D1101925 **REV.** v1

SCALE: 1:2 **PROJECTION:** **SHEET** 1 OF 1