NOTES CONTINUED:

⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIENT 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
DO NOT APPLY MARK ON SUPER #8 SIDE

6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

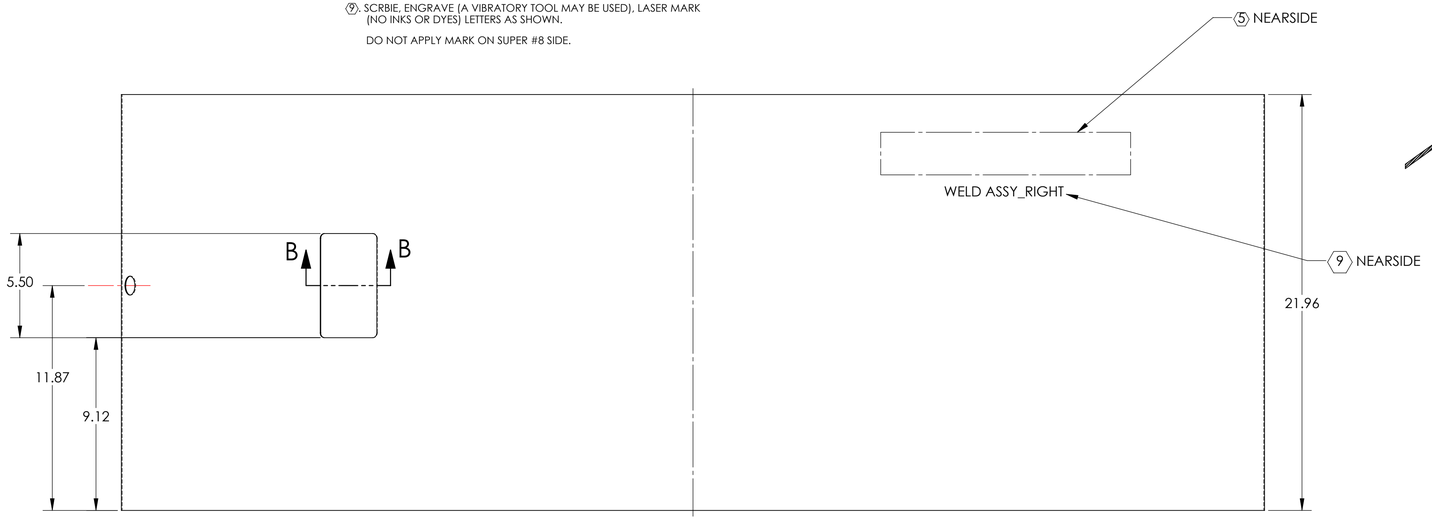
⑦ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.

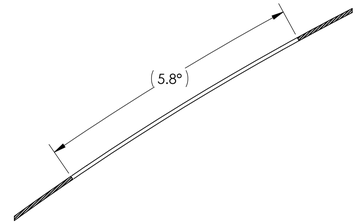
8 . ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

⑨. SCRBIE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) LETTERS AS SHOWN.

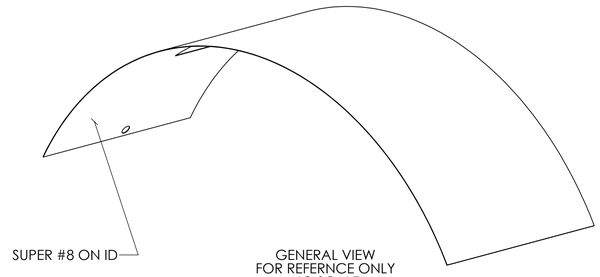
DO NOT APPLY MARK ON SUPER #8 SIDE.

REV.	DATE	DCN #	DRAWING TREE #
v1	3 SEPT 2010	E1000360	E1000090
v2	11 MAY 2011	E1000360-v2	-
v3	13 SEP 2011	E1000360-v3	-

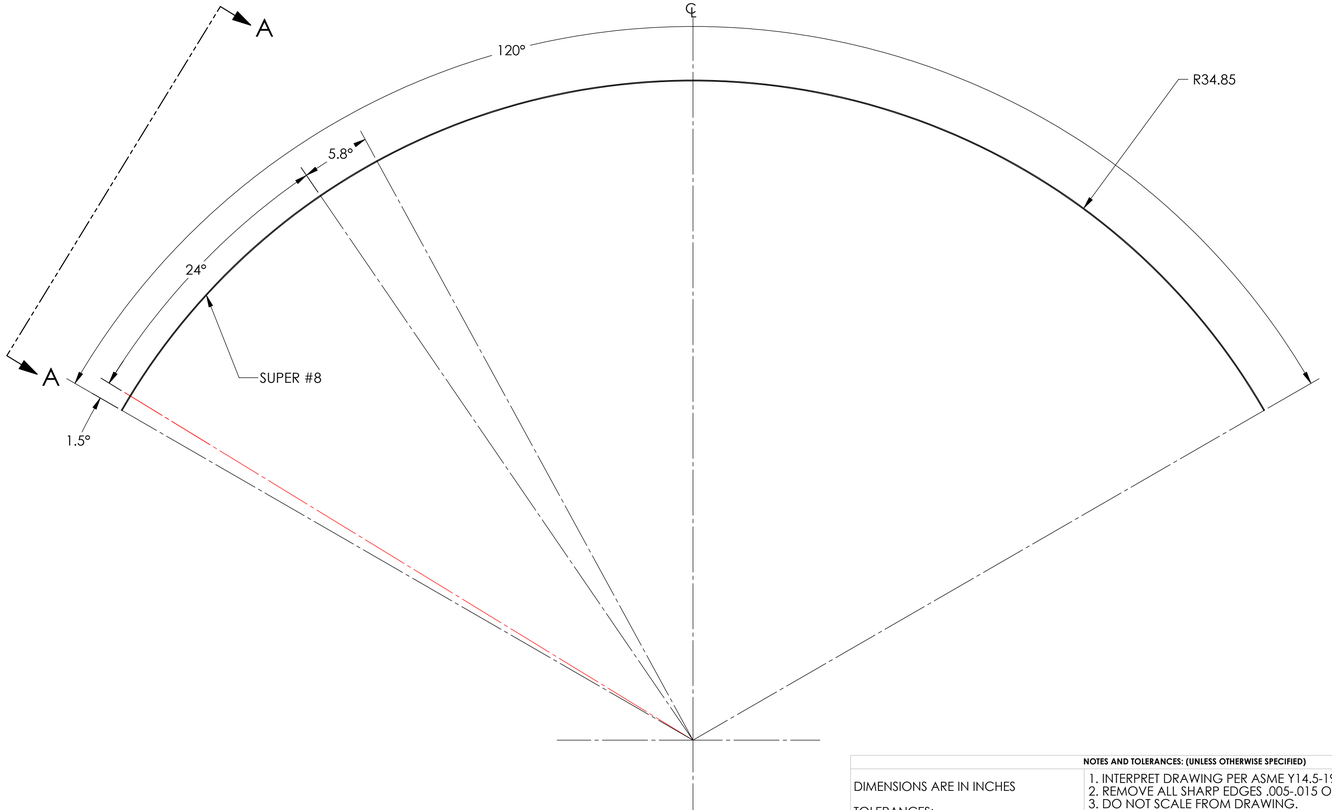


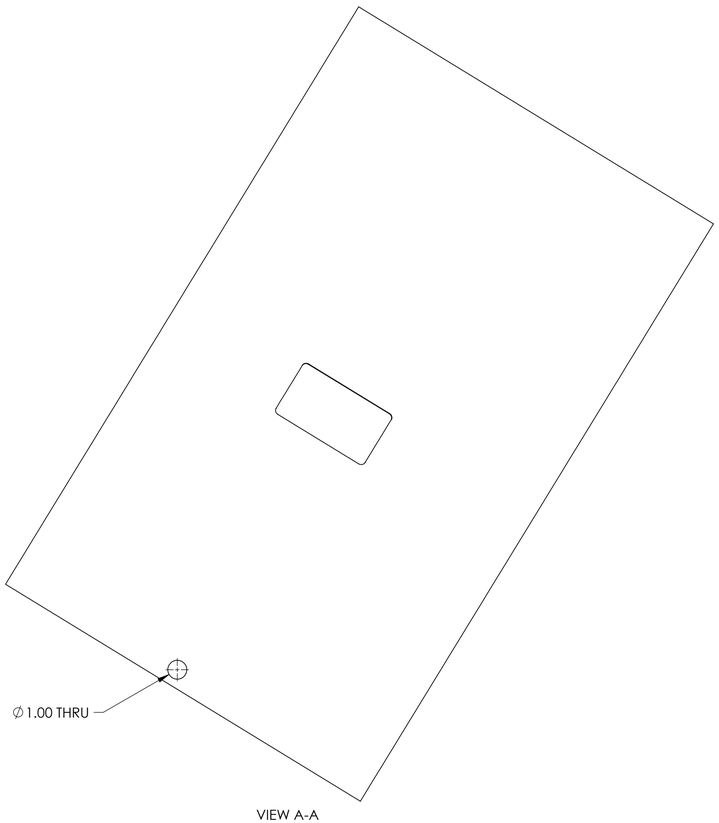


SECTION B-B
SCALE 1 : 1

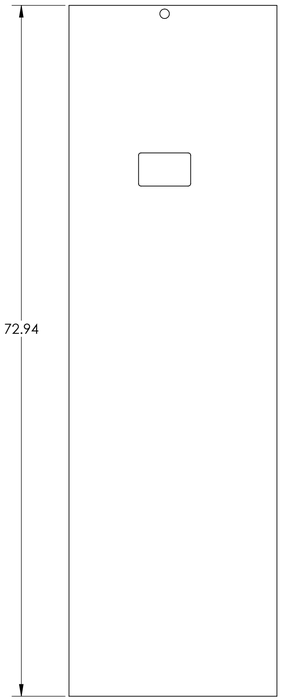


GENERAL VIEW
FOR REFERNCE ONLY
NO SCALE





VIEW A-A



FLAT PATTERN

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .03
.XXX ± .010

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES .005-.015 ON ALL EDGES AND HOLES.
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: ⑦ SUPER #8

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: AOS
NEXT ASSY: D0902654, D1003186, D1003231

PART NAME: RADIAL SEGMENT, RIGHT

DESIGNER	H. KELMAN	17 MAR 2010
DRAFTER	TQ. NGUYEN	16 AUG 2010
CHECKER	M. SMITH	27 SEP 2010
APPROVAL	D. COYNE	

SIZE: D | DWG. NO.: D1000559 | REV.: v3
SCALE: 1:4 | PROJECTION: | SHEET 1 OF 1

D1000559 @LIGO_Manifold_Cryo_Baffle_Radial Segment Right, PART PDM REV: X-X29, DRAWING PDM REV: X-X25