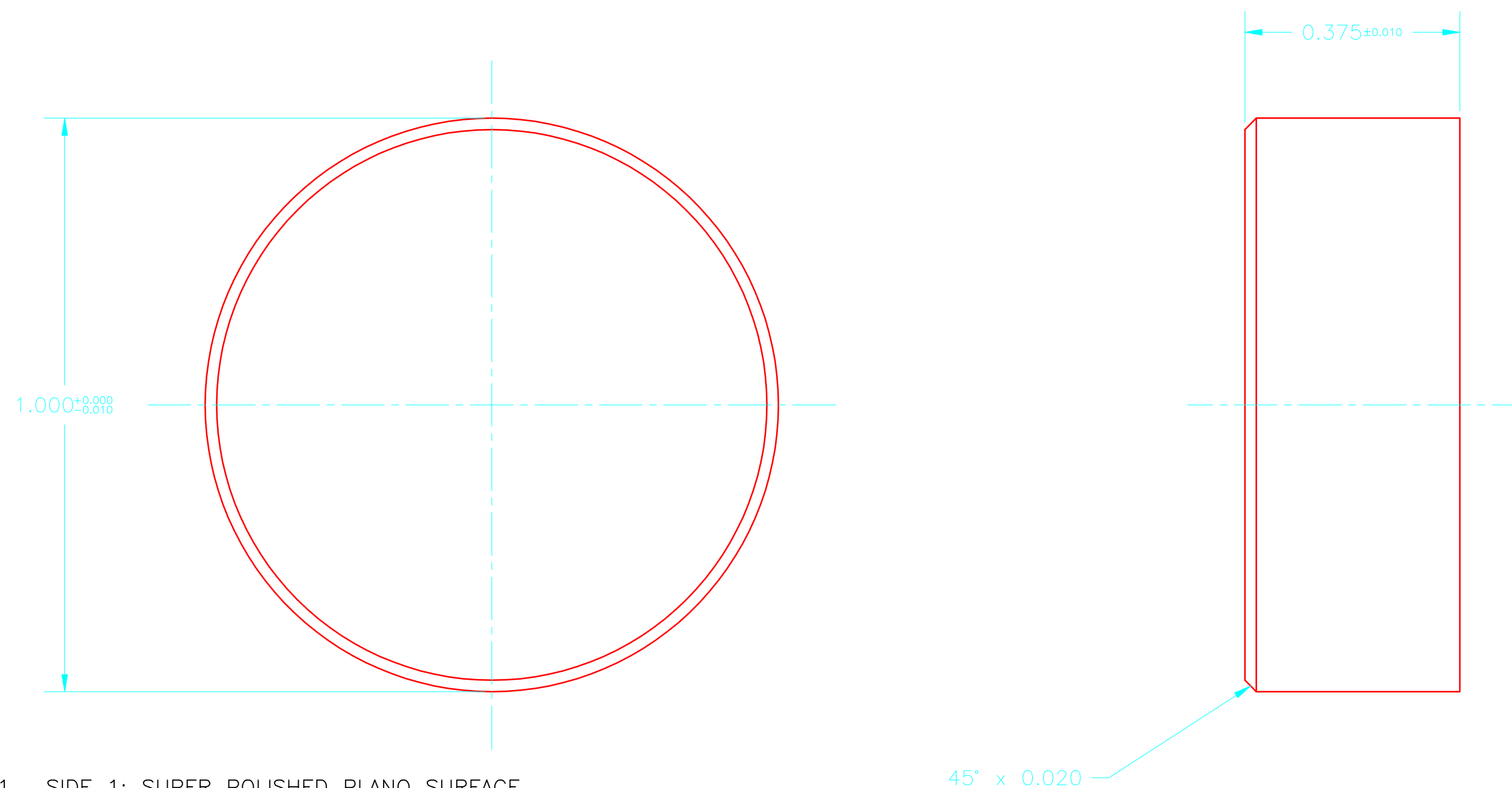


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



**NOTES:**

- SIDE 1: SUPER POLISHED PLANO SURFACE  
 POLISHED TO BELOW 1 ANGSTROM  
 FLATNESS < 0.1 WAVE @ 632.8nm  
 CLEAR APERTURE BETWEEN 80%–90% OF  
 SUBSTRATE DIAMETER  
 SURFACE QUALITY < 10–5  
 SIDE 2: CONVENTIONAL LASER  
 QUALITY POLISH  
 FLATNESS < 0.25 WAVE  
 @ 632.8 nm  
 SURFACE QUALITY < 40–20  
 PARALLEL TO SIDE 1 < 60”

NEXT ASSY	USED ON
APPLICATION	

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMALS    ANGLES ±                    .XX±.01                    ± .XXX±.005 .XXXX±.0005		CONTRACT NO.	<b>LIGO Project</b> <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> <b>PSL Pre-stabilized Laser</b>	
MATERIAL <b>FUSED SILICA</b>		APPROVALS DRAWN <b>P. KING</b>	DATE 02/16/01	1.00 in. dia. SUPER POLISHED FUSED SILICA SUBSTRATE
FINISH <b>SEE NOTE 1</b>		CHECKED	ISSUED	SIZE <b>B</b> FSCM NO.    PSL DWG. NO. <b>D010056-00-D</b> REV.
DO NOT SCALE DRAWING		SCALE <b>5:1</b>		SHEET <b>1 of 1</b>