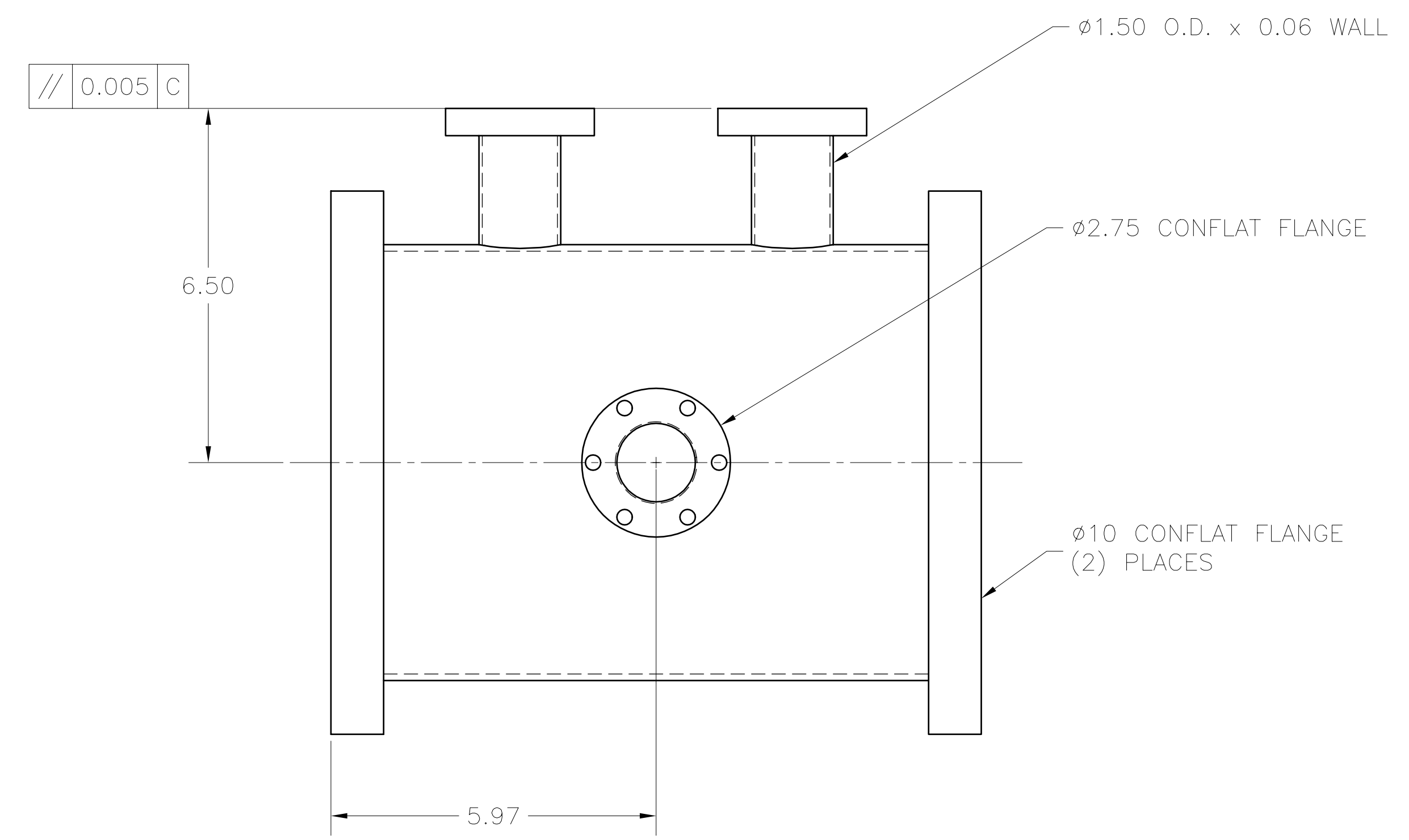
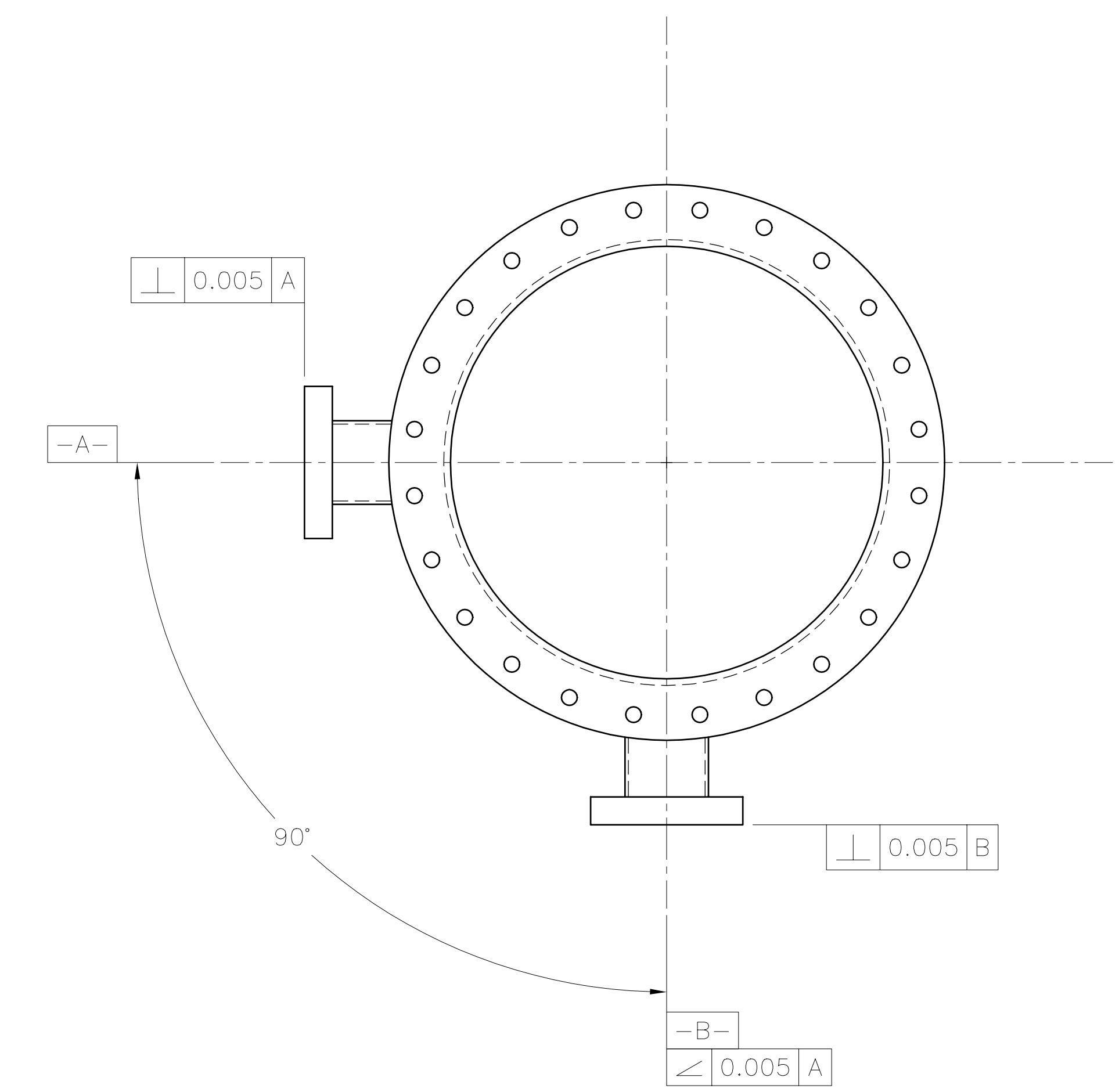
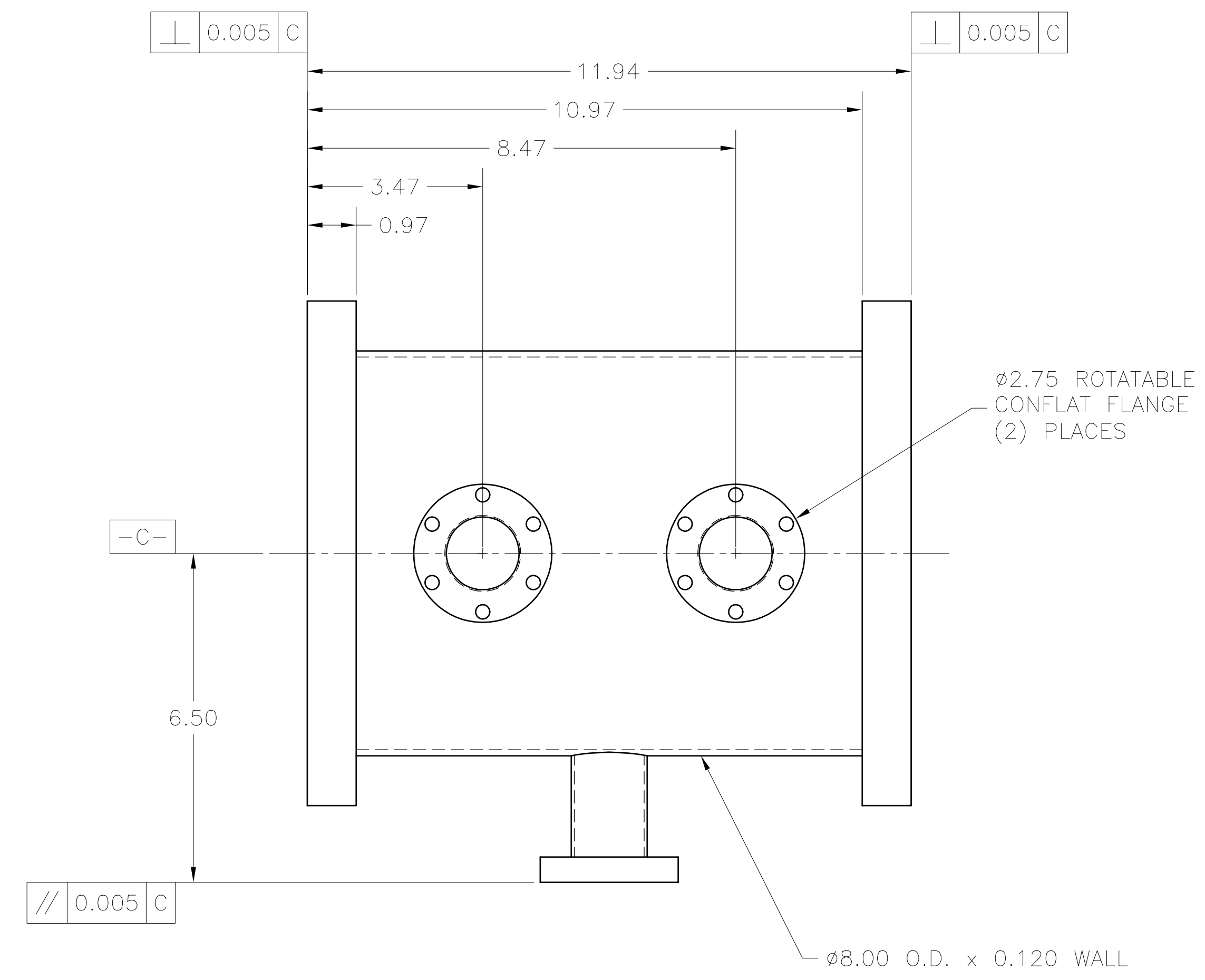


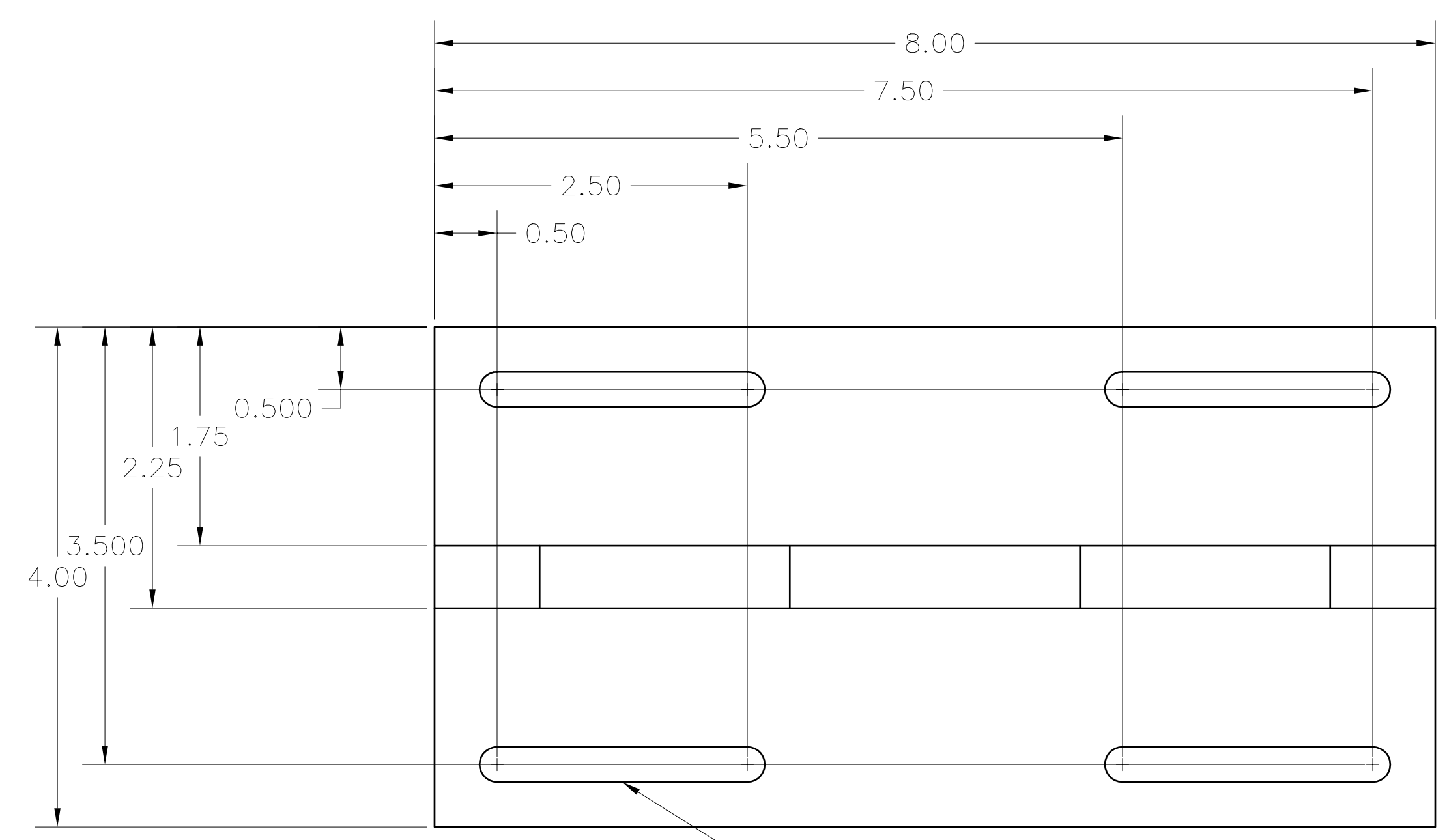
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



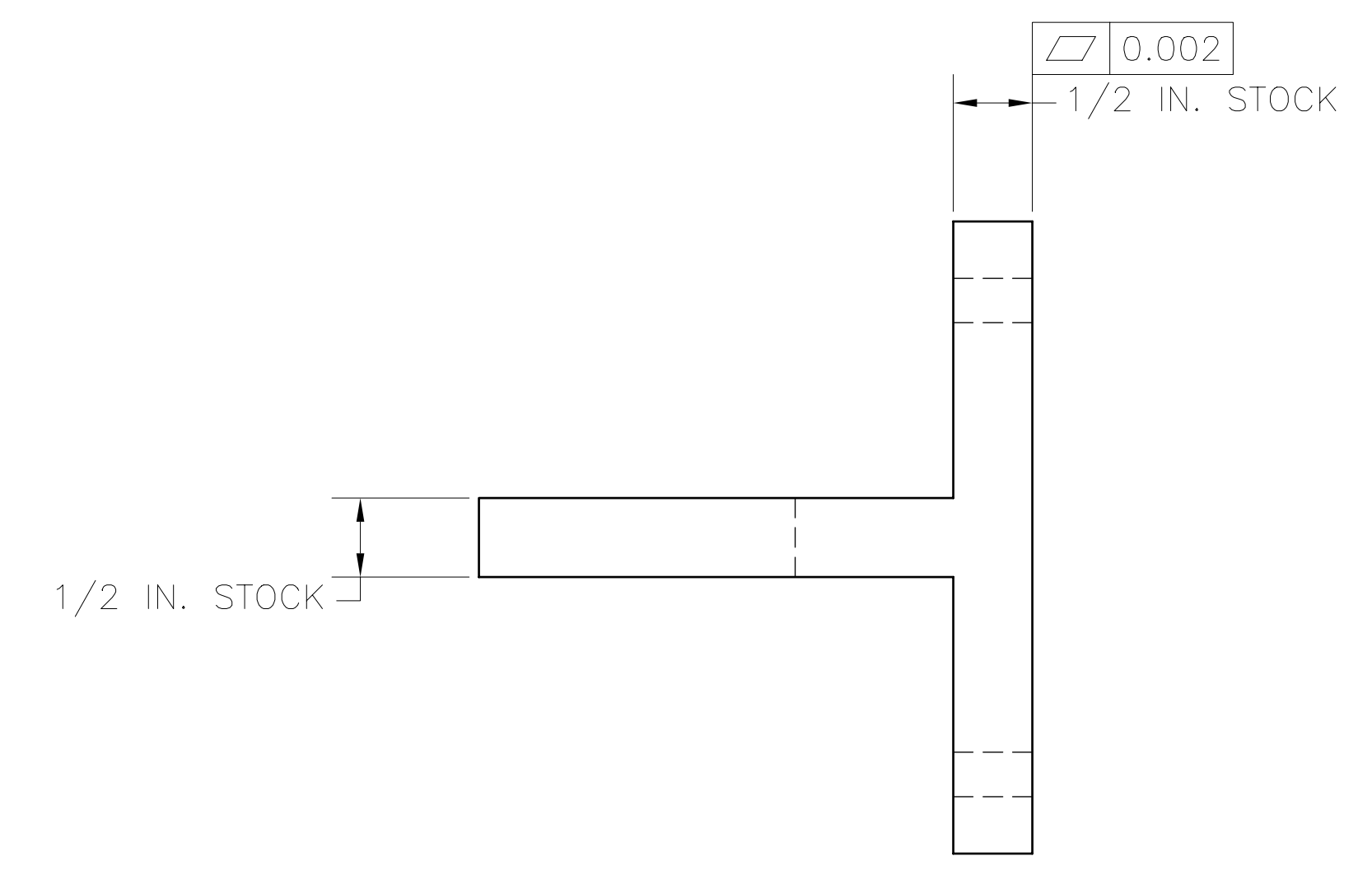
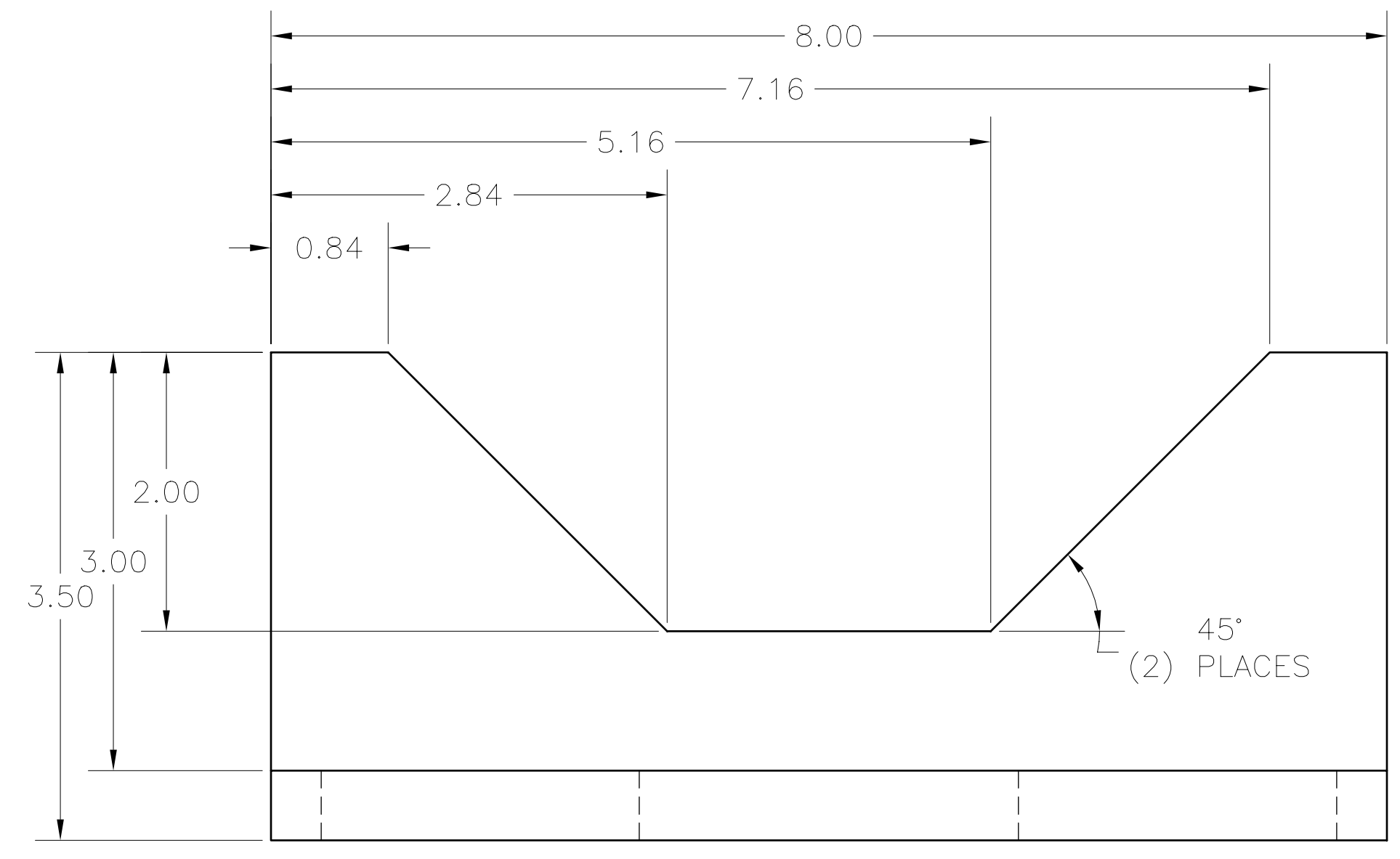
- NOTES:**
- ALL WELDS ARE TO BE ON THE INTERIOR AS PER VACUUM PRACTICES.
  - INTERIOR OF VACUUM CHAMBER TO BE ELECTROPOLISHED.

QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NO.		<b>LIGO Project</b> <small>California Institute of Technology            Massachusetts Institute of Technology</small> <b>PSL Pre-stabilized Laser</b>
TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± ± .XXX±.005 ± ± .XXXX±.0005 ±		APPROVALS	DATE	
MATERIAL	304 S.S.	DRAWN	P. KING	07/16/00
FINISH	ELECTROPOLISH	CHECKED		
NEXT ASSY	USED ON	ISSUED		
APPLICATION		DO NOT SCALE DRAWING		
SCALE 1:2		SHEET 1 of 4		REFERENCE CAVITY SHORT VACUUM CHAMBER DWG. NO. D000234-00-D REV.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



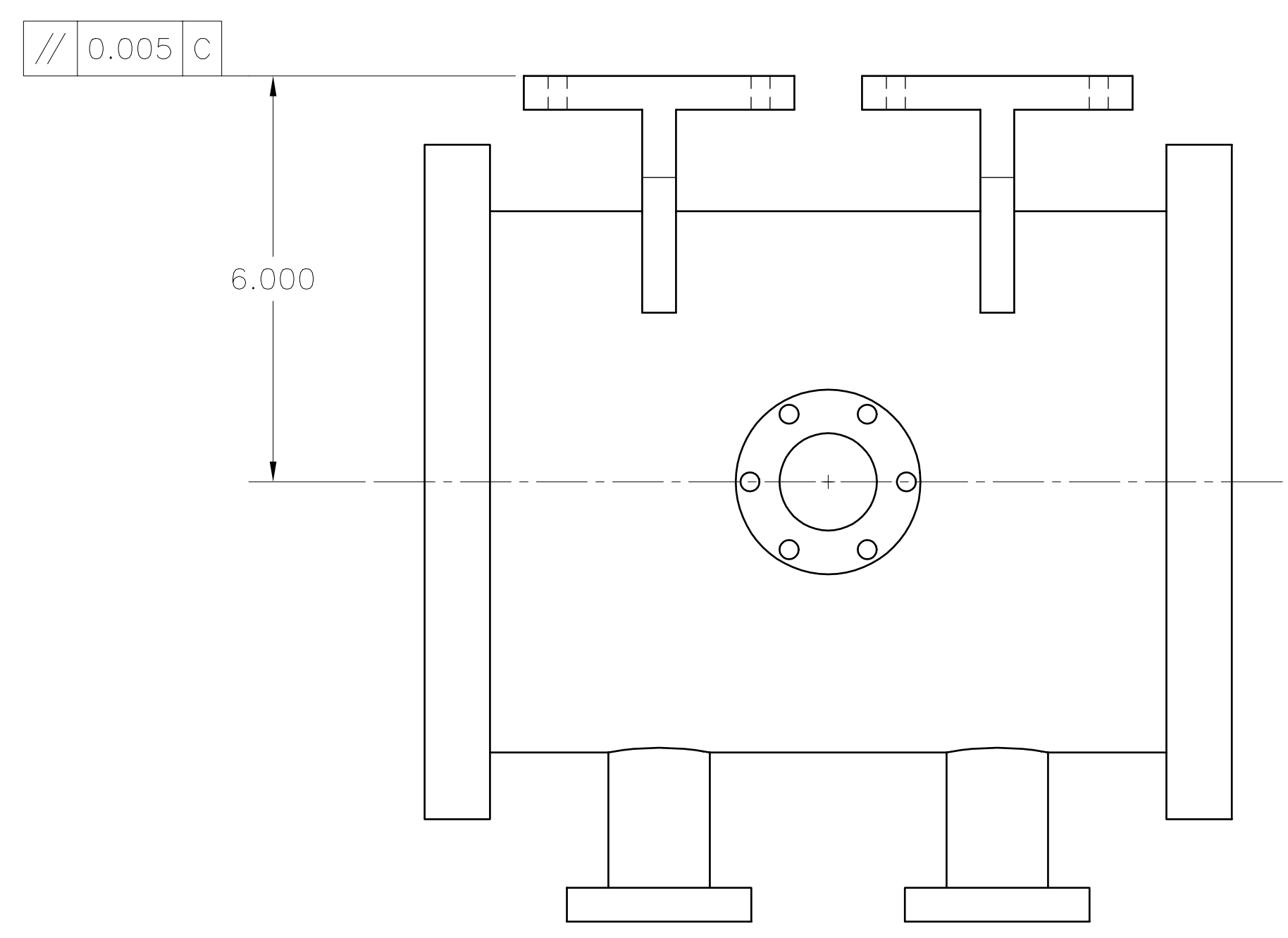
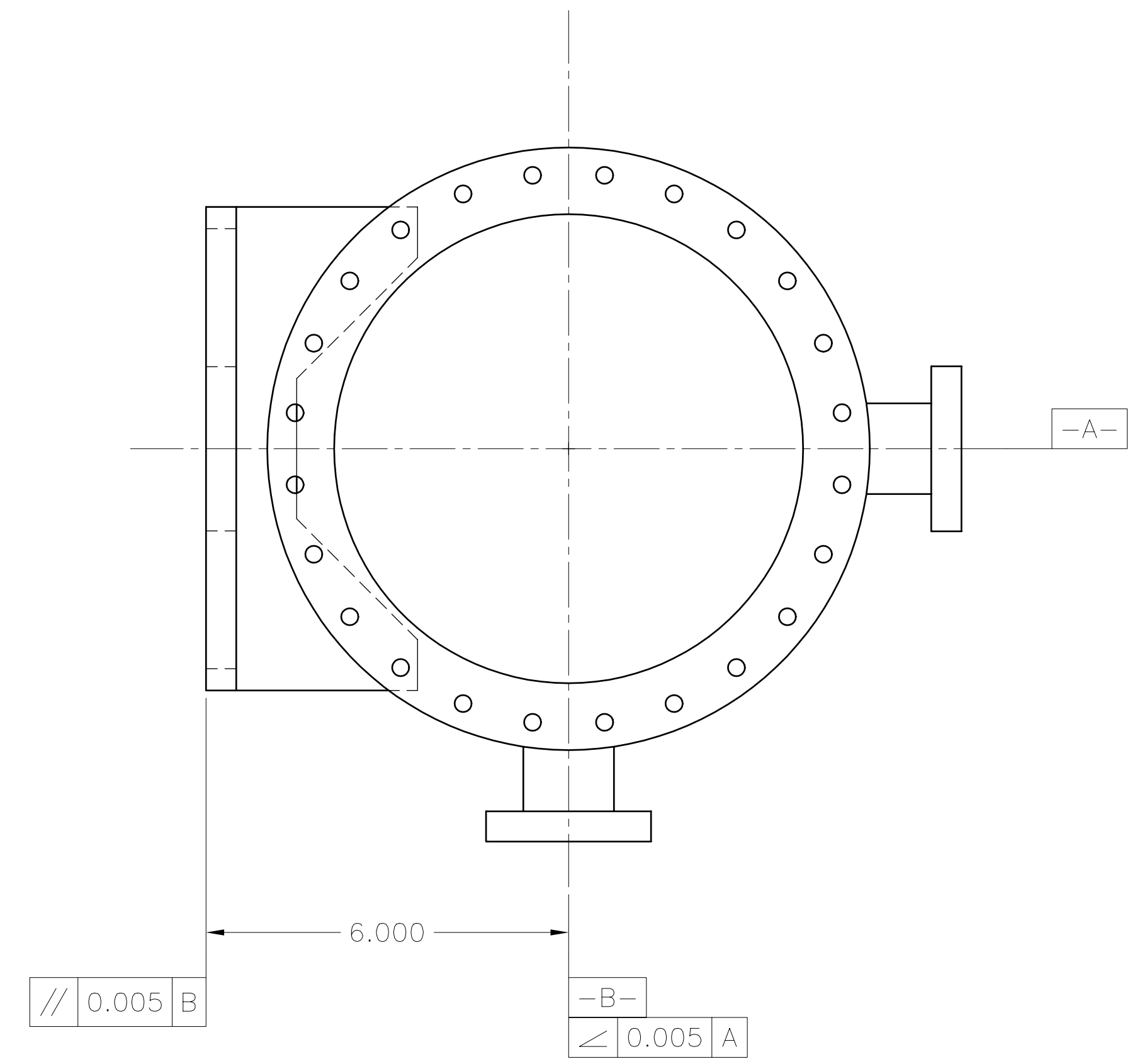
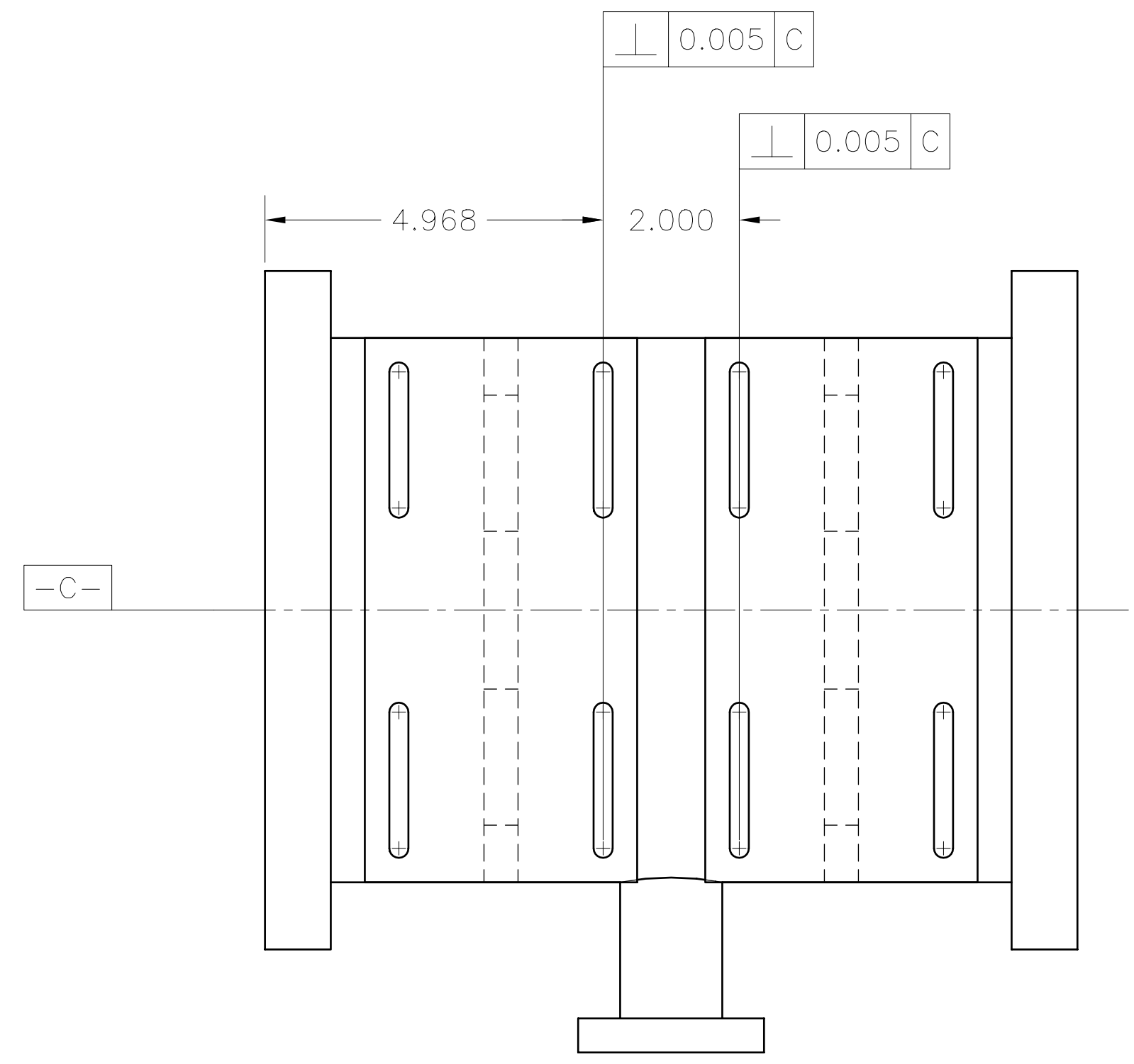
SLOT 9/32 IN. WIDE THRU  
(4) PLACES



NOTES:  
1. BREAK ALL SHARP EDGES, ESPECIALLY ONES ON BOTTOM OF SUPPORT BRACKET.

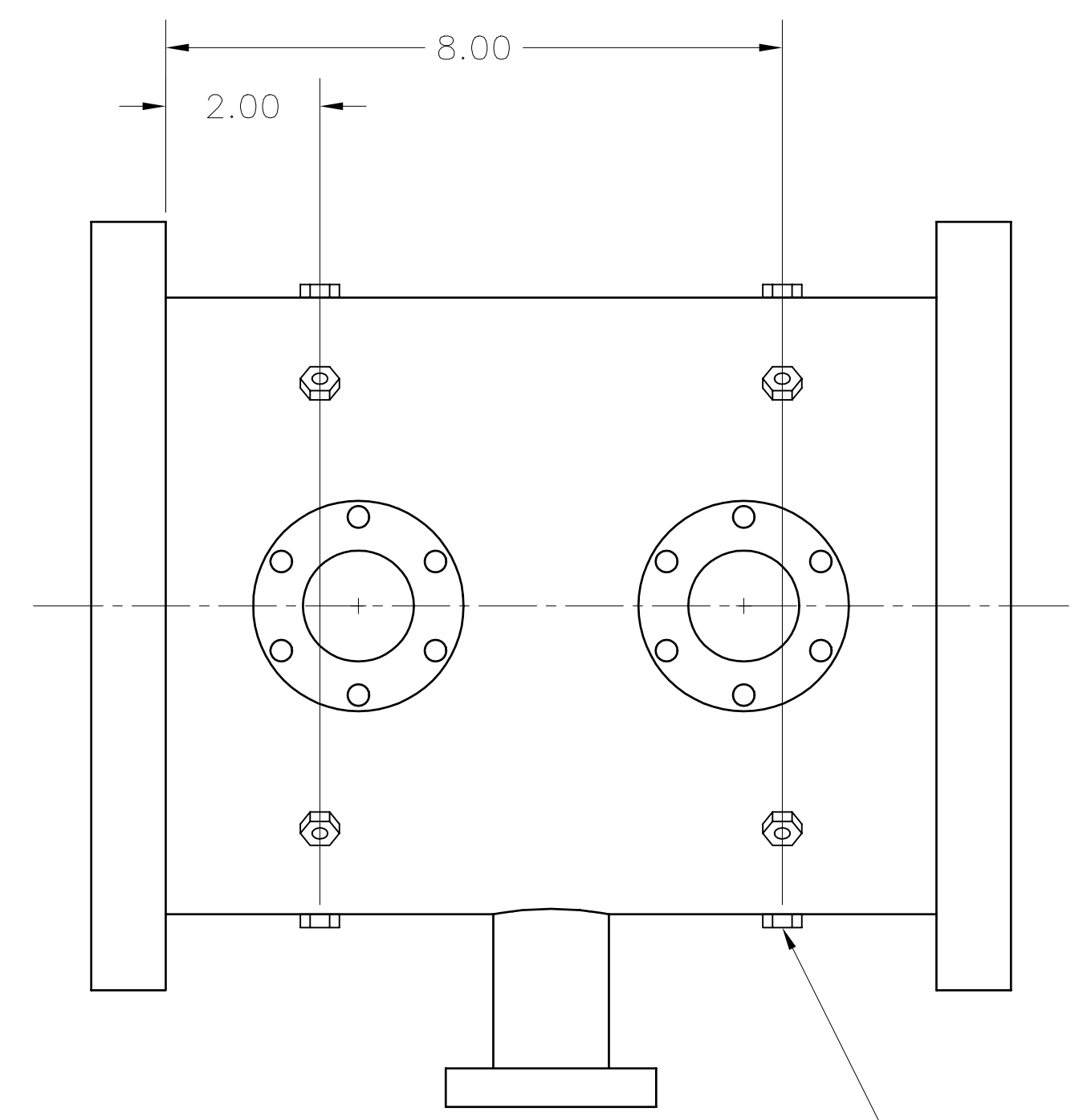
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± ± .XXX±.005 ± ± .XXXX±.0005			CONTRACT NO.		<b>LIGO Project</b> <small>California Institute of Technology Massachusetts Institute of Technology</small> <b>PSL Pre-stabilized Laser</b>
MATERIAL			APPROVALS	DATE	
FINISH			DRAWN P. KING 07/16/00		SHORT VACUUM CHAMBER SUPPORT BRACKET
NEXT ASSY			CHECKED	ISSUED	
APPLICATION			DO NOT SCALE DRAWING		SIZE D FSCM NO. DWG. NO. D000234-00-D REV.
SCALE 1:1			SHEET 2 of 4		

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

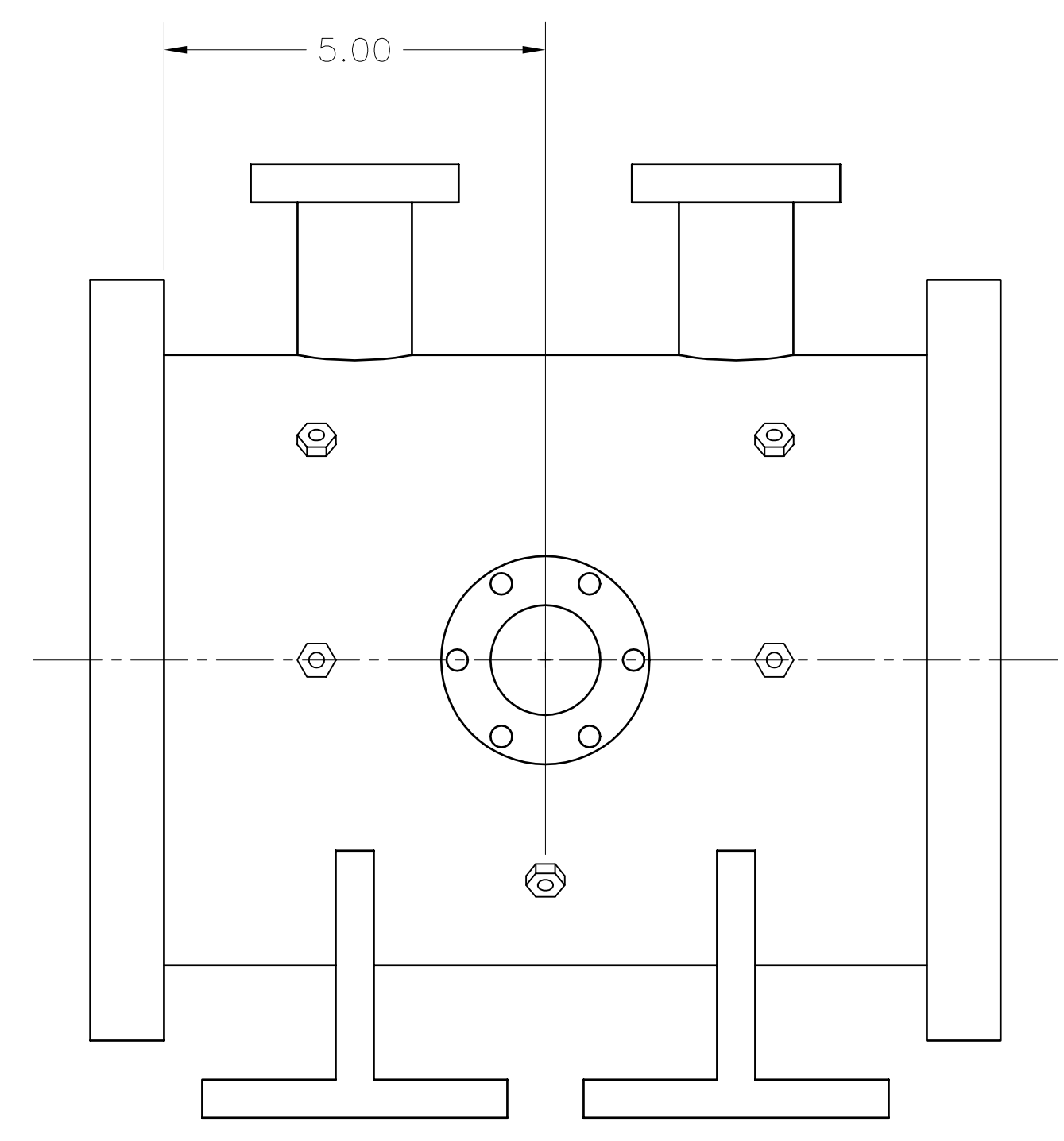
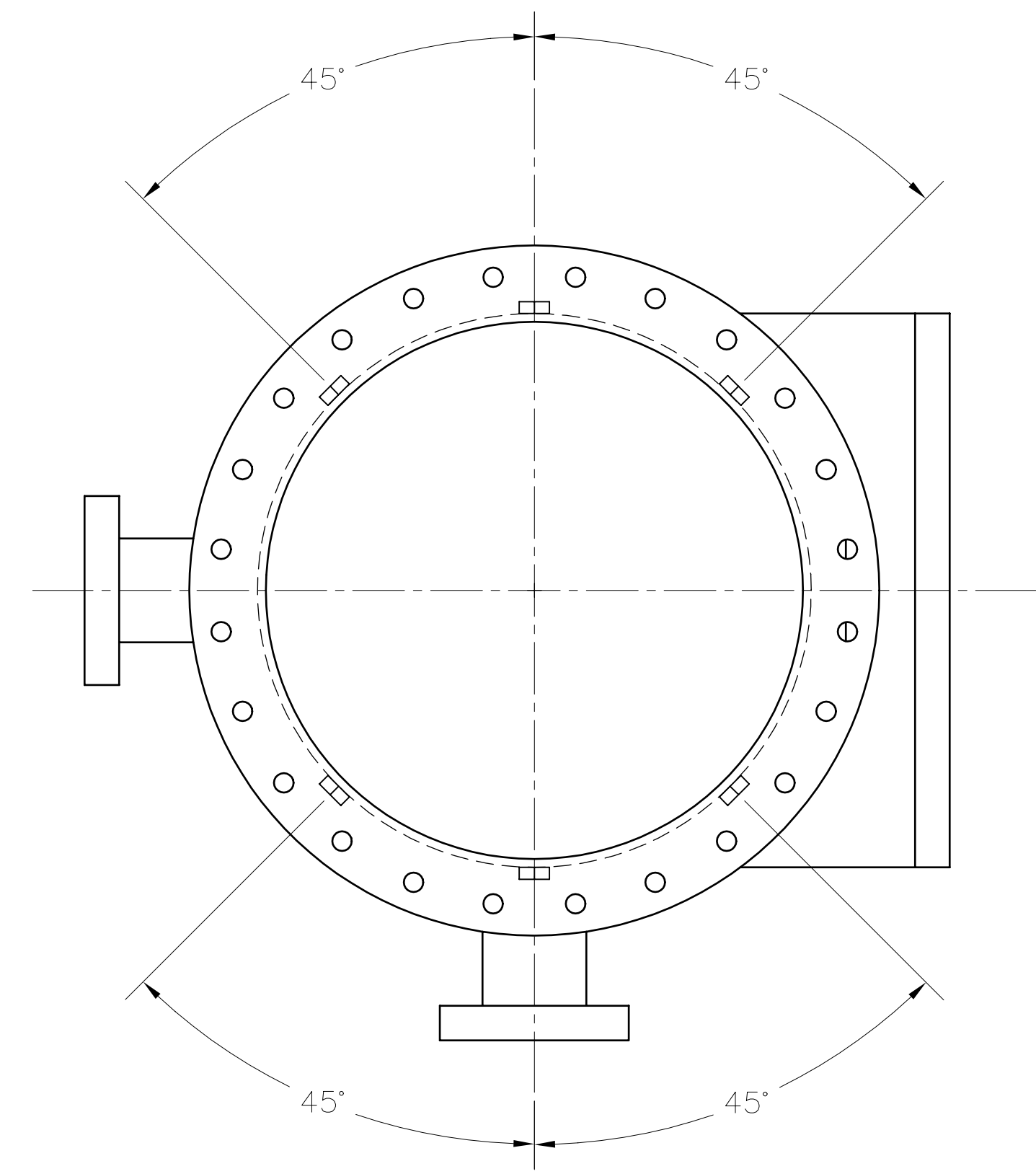


QTY	FSCM	PART OR	NOMENCLATURE		MATERIAL
REQD	NO.	IDENTIFYING NO.	OR DESCRIPTION		SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± ± .XXX±.005 ± ± .XXXX±.0005			CONTRACT NO.		<b>LIGO Project</b> <small>California Institute of Technology Massachusetts Institute of Technology</small> <b>PSL Pre-stabilized Laser</b>
MATERIAL			APPROVALS	DATE	
FINISH			DRAWN P. KING 07/16/00		SHORT VACUUM CHAMBER SUPPORT BRACKET POSITION
NEXT ASSY			CHECKED	ISSUED	
APPLICATION			DO NOT SCALE DRAWING		SIZE D FSCM NO. D000234-00-D DWG. NO. D000234-00-D REV.
SCALE 1:2			SHEET 3 of 4		

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



SPOT WELD 1/4-20 NUT  
(10) PLACES



- NOTES:
1. POSITION OF NUTS NOT CRITICAL  
ANGULAR TOLERANCE  $\pm 2^\circ$   
POSITION TOLERANCE  $\pm 1/8$  IN.

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 ± ±		CONTRACT NO.		<b>LIGO Project</b> <small>California Institute of Technology Massachusetts Institute of Technology</small> <b>PSL Pre-stabilized Laser</b>
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN P. KING 07/16/00		SHORT VACUUM CHAMBER 1/4-20 NUT POSITIONS
NEXT ASSY USED ON		CHECKED		
APPLICATION		ISSUED		SIZE D FSCM NO. DWG. NO. D000234-00-D REV.
DO NOT SCALE DRAWING		SCALE 1:2		SHEET 4 of 4