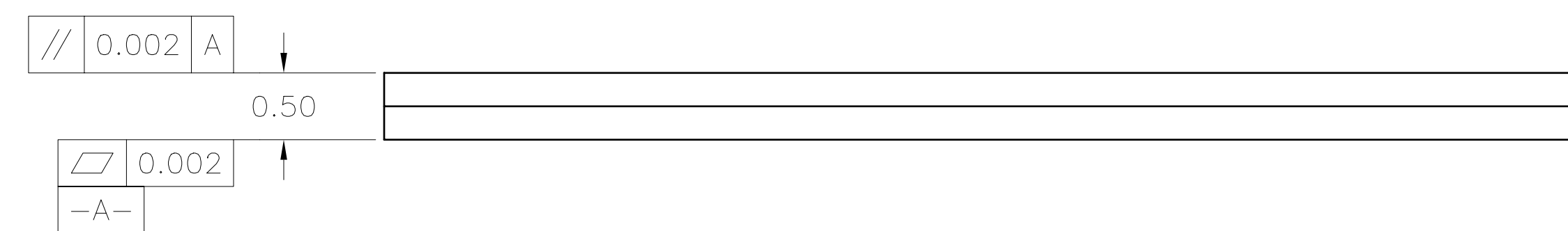
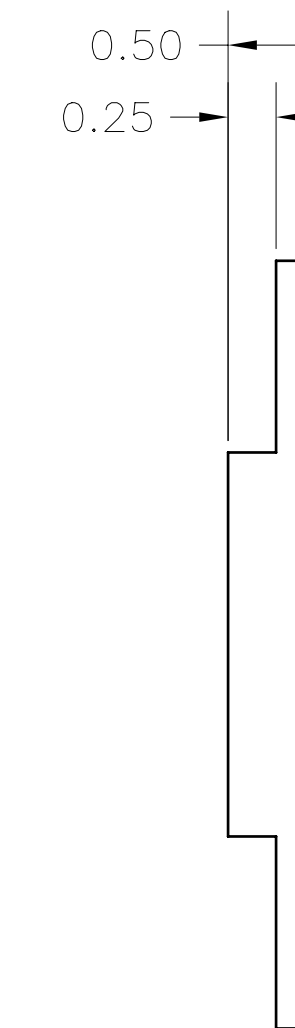
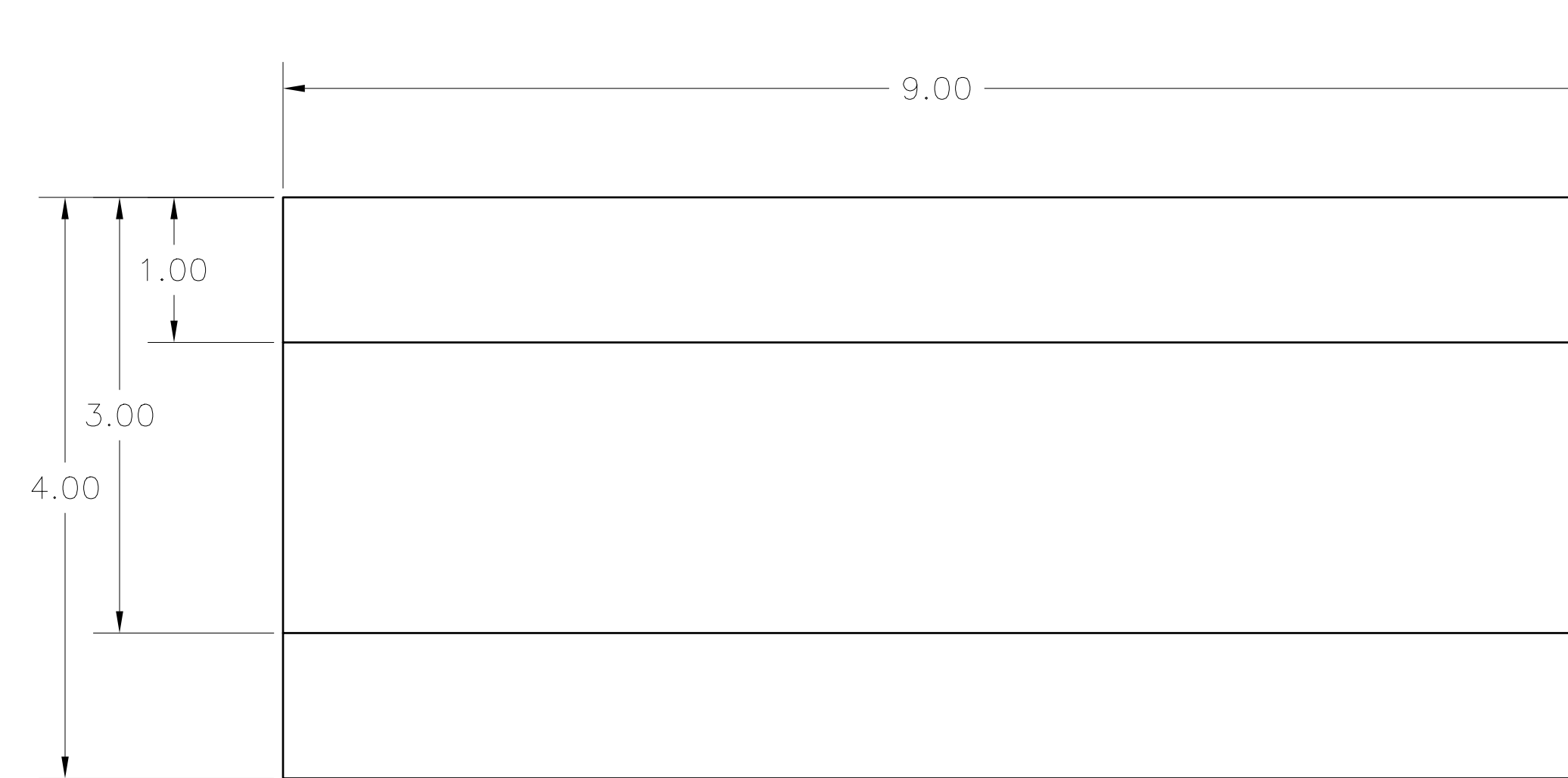
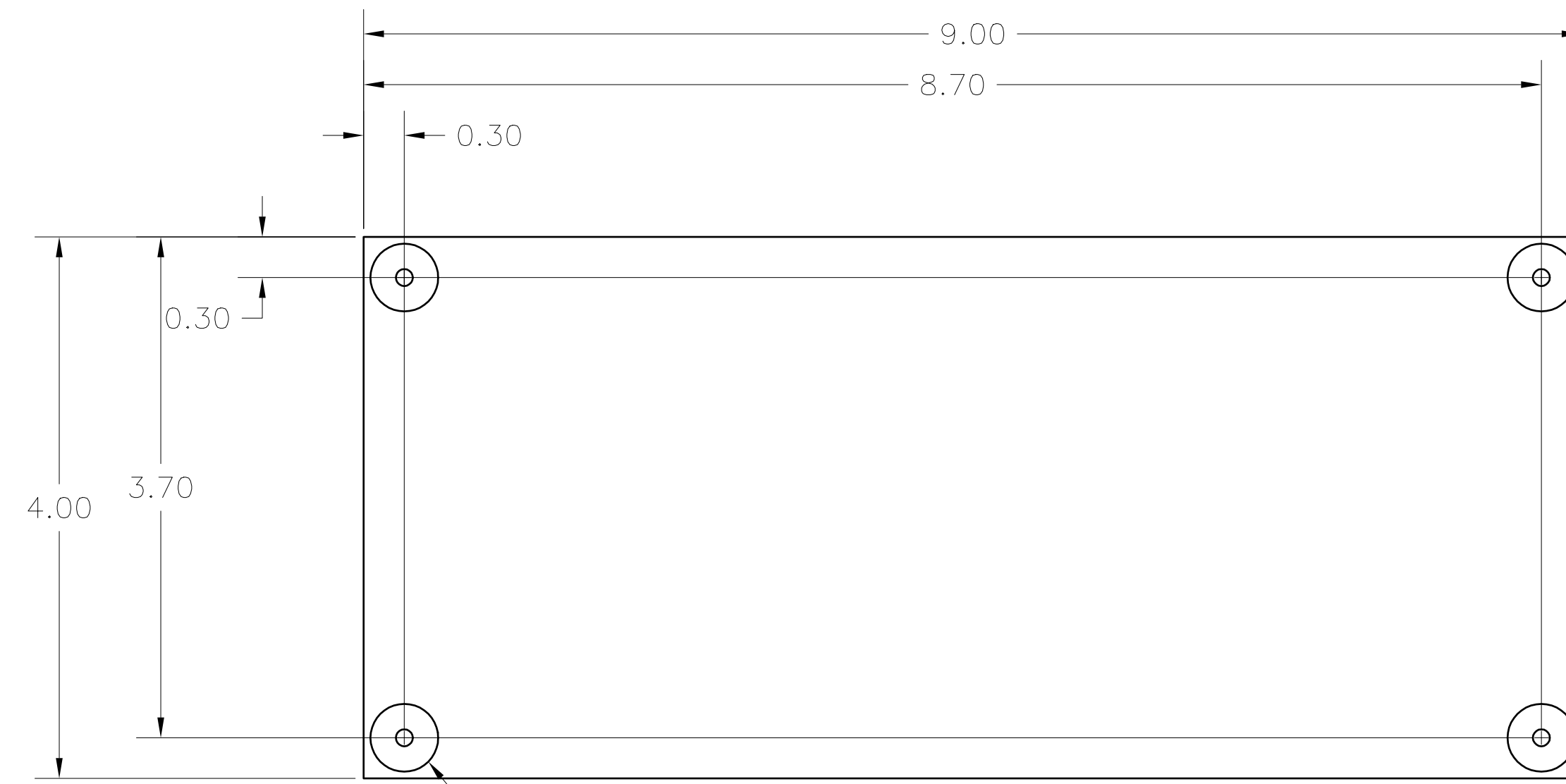


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

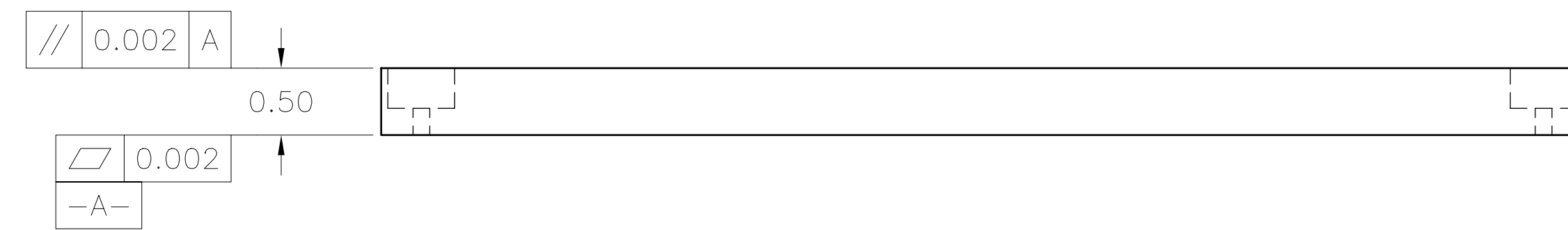


QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 ± .XXXX±.0005 ±			CONTRACT NO.		<i>LIGO Project</i> <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL <i>Pre-stabilized Laser</i>
MATERIAL			APPROVALS	DATE	
FINISH			DRAWN	07/15/00	SHORT ISOLATION STACK BOTTOM PLATE
ELECTROPOLISH			CHECKED	ISSUED	
NEXT ASSY	USED ON	APPLICATION	SCALE 1:1		DWG. NO. D000235-00-D
DO NOT SCALE DRAWING			SHEET 1 of 13		REV.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

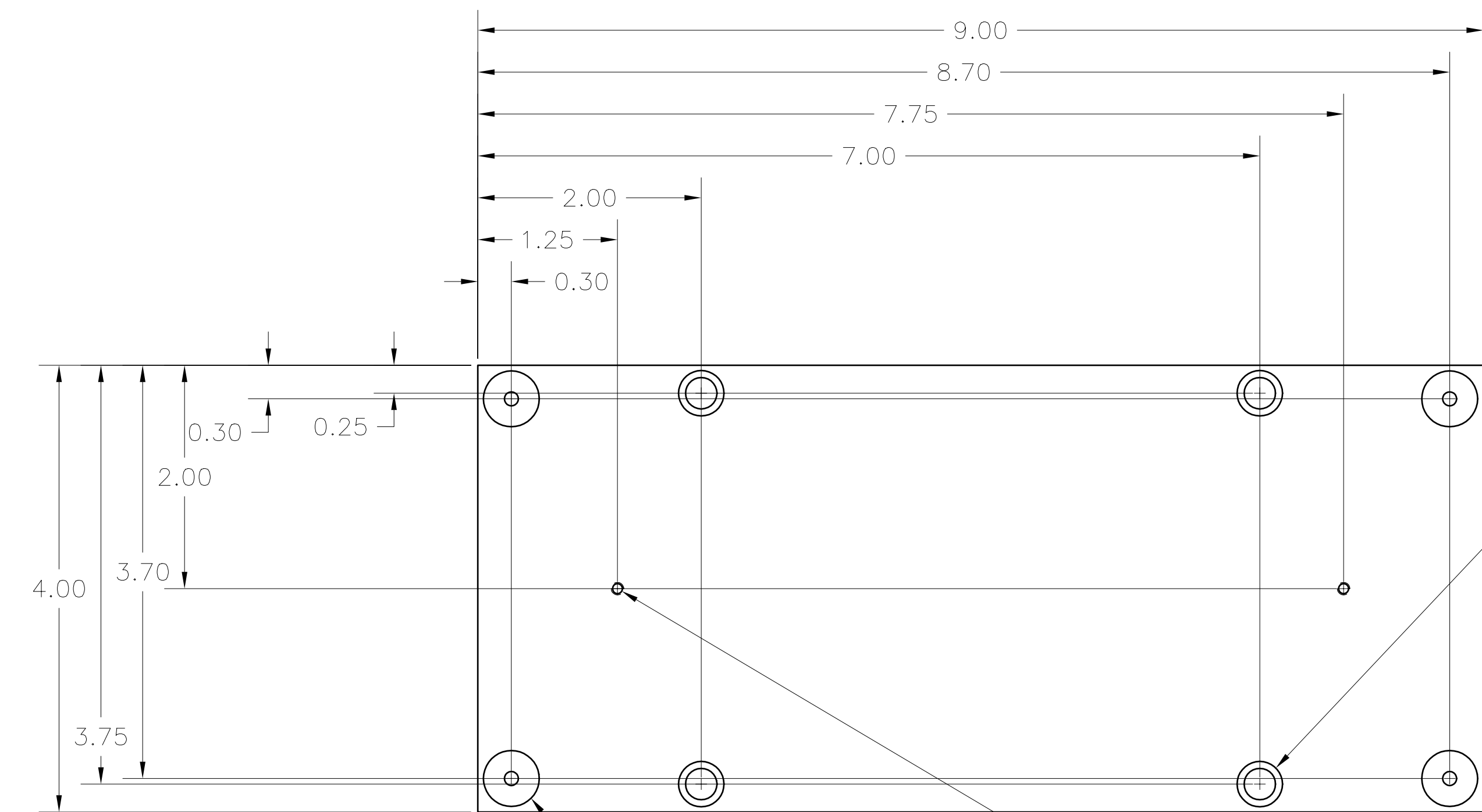


DRILL 1/8" DIA. THRU
C'BORE 1/2" DIA. x 0.30 DEEP
(4) PLACES



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.		<i>LIGO Project</i> <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL Pre-stabilized Laser
MATERIAL 304 S.S.			APPROVALS DRAWN P. KING	DATE 07/15/00	
FINISH ELECTROPOLISH			CHECKED	ISSUED	SHORT ISOLATION STACK MIDDLE PLATE
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING	SCALE 1:1	
SHEET 2 of 13					

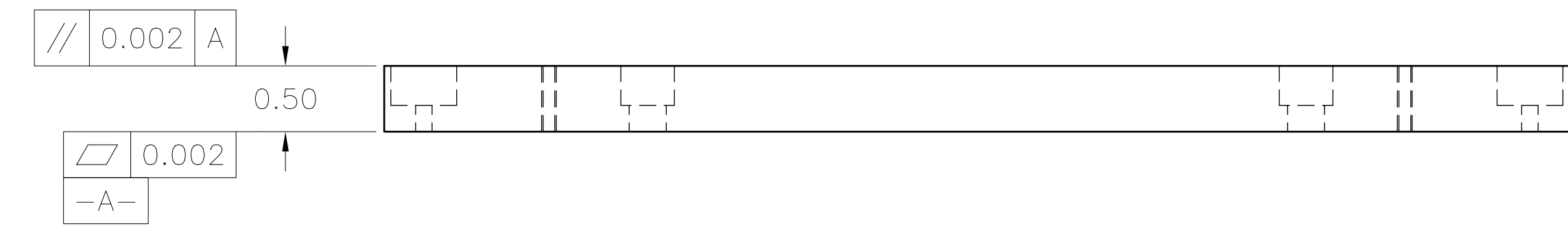
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



DRILL 1/4-20 CLEARANCE THRU
C'BORE FOR 1/4-20 S.H.C.S. x 0.30 DEEP
(4) PLACES

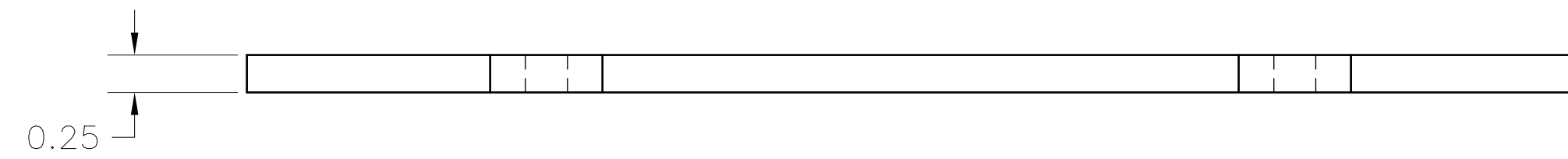
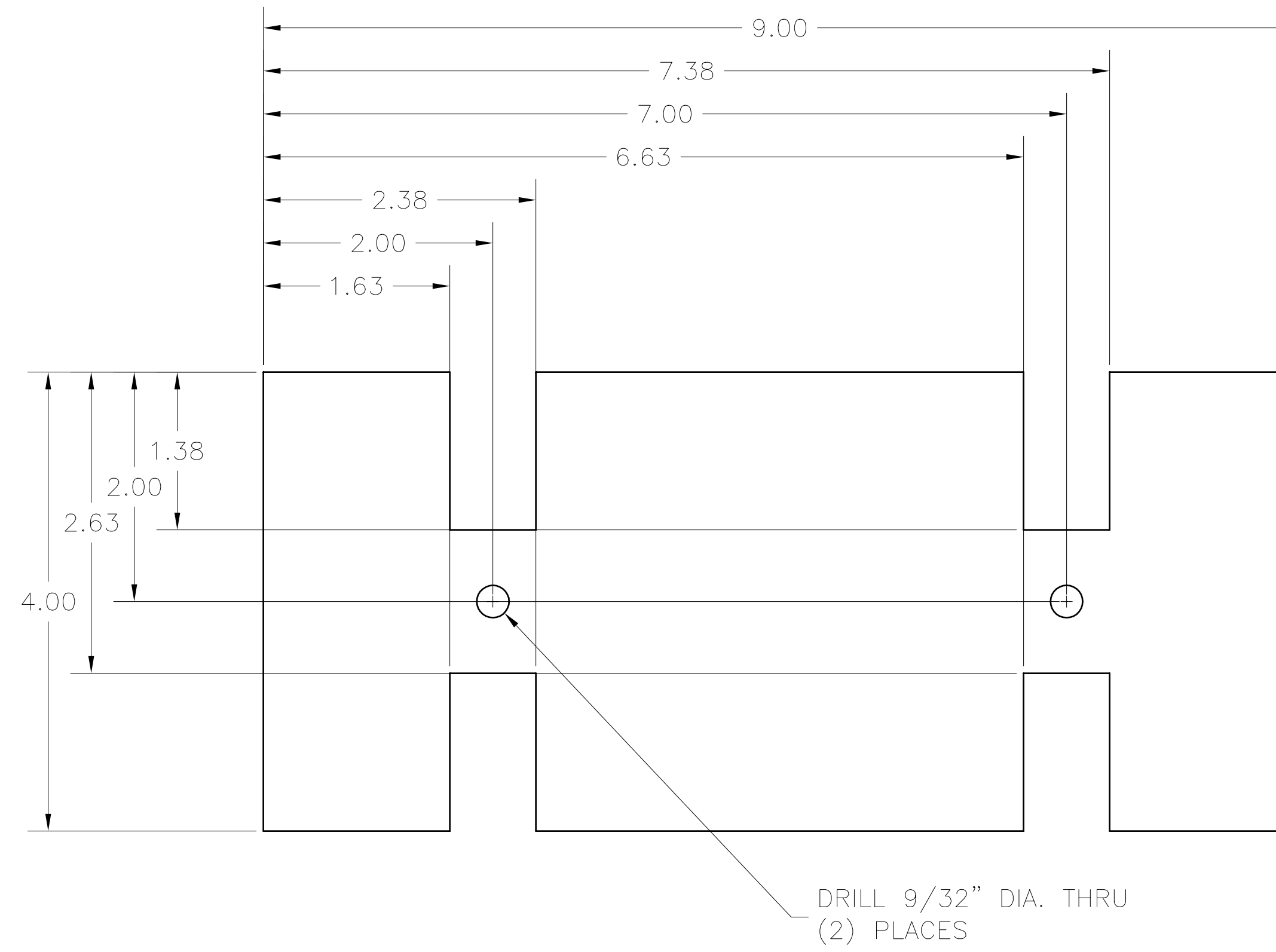
DRILL 1/8" DIA. THRU
C'BORE 1/2" DIA. x 0.30 DEEP
(4) PLACES

TAP #4-40 UNC-2B THRU
(2) PLACES



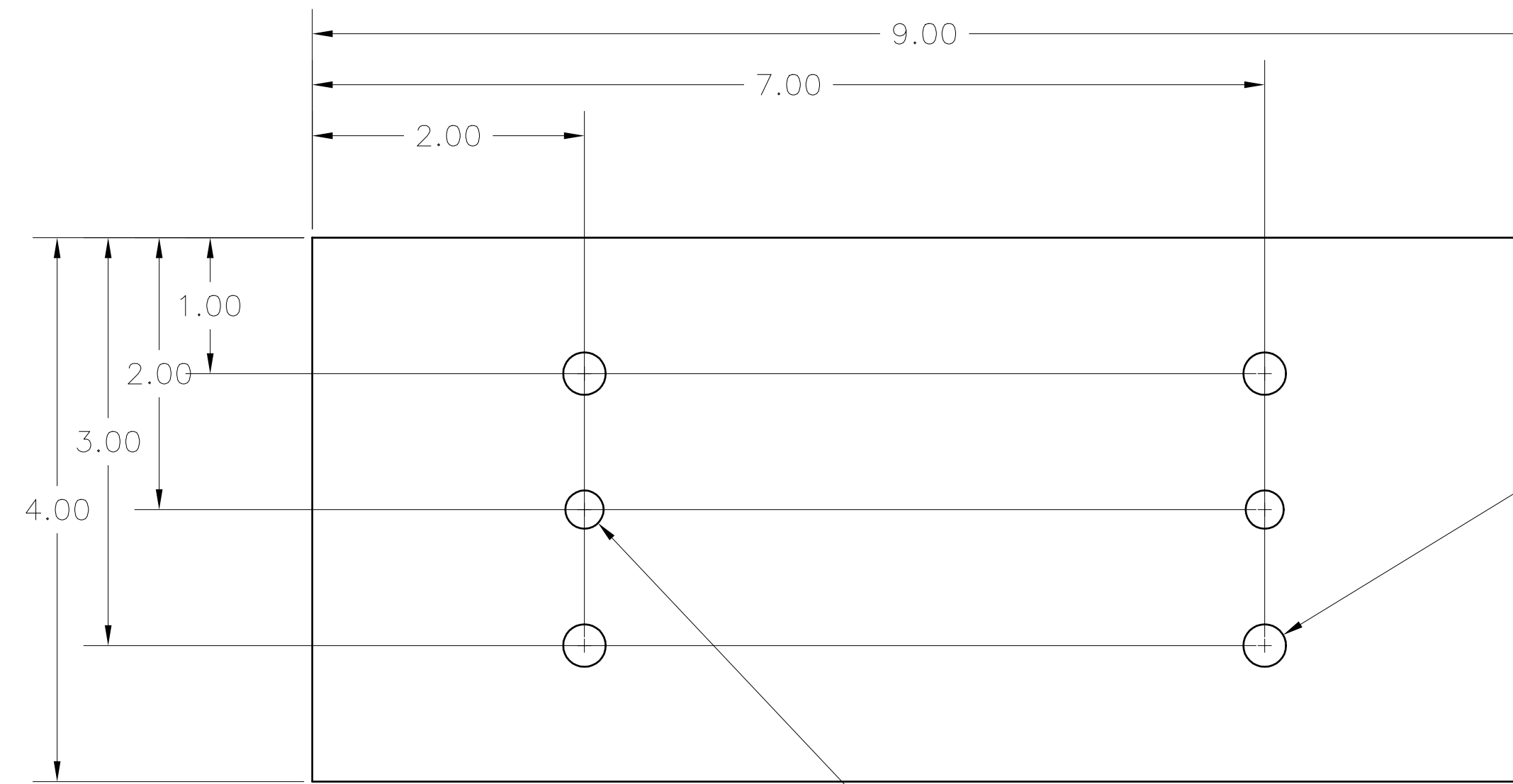
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005			CONTRACT NO.		LIGO Project <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL Pre-stabilized Laser
MATERIAL 304 S.S.			APPROVALS	DATE	
FINISH ELECTROPOLISH			DRAWN P. KING	07/15/00	SHORT ISOLATION STACK TOP PLATE
APPLICATION DO NOT SCALE DRAWING			CHECKED	ISSUED	
NEXT ASSY	USED ON	SCALE D	FSCM NO.	DWG. NO. D000235-00-D	REV.
SCALE 1:1				SHEET 3 of 13	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



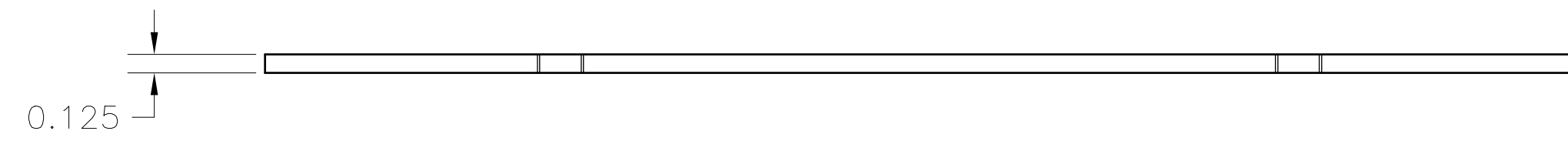
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION		MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 ± .XXXX±.0005 ±			CONTRACT NO.		<i>LIGO Project</i> <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL Pre-stabilized Laser
MATERIAL			APPROVALS	DATE	
FINISH			DRAWN	07/15/00	SHORT ISOLATION STACK COVER PLATE
NEXT ASSY			CHECKED	ISSUED	
APPLICATION			DO NOT SCALE DRAWING		SIZE D FSCM NO. DWG. NO. D000235-00-D REV.
SCALE 1:1			SHEET 4 of 13		

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



DRILL 5/16" DIA. THRU
(4) PLACES

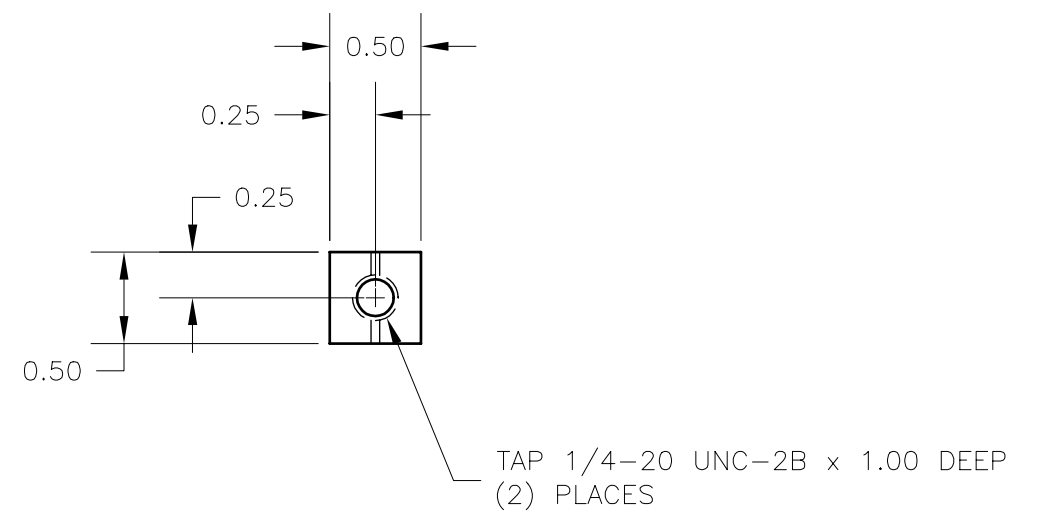
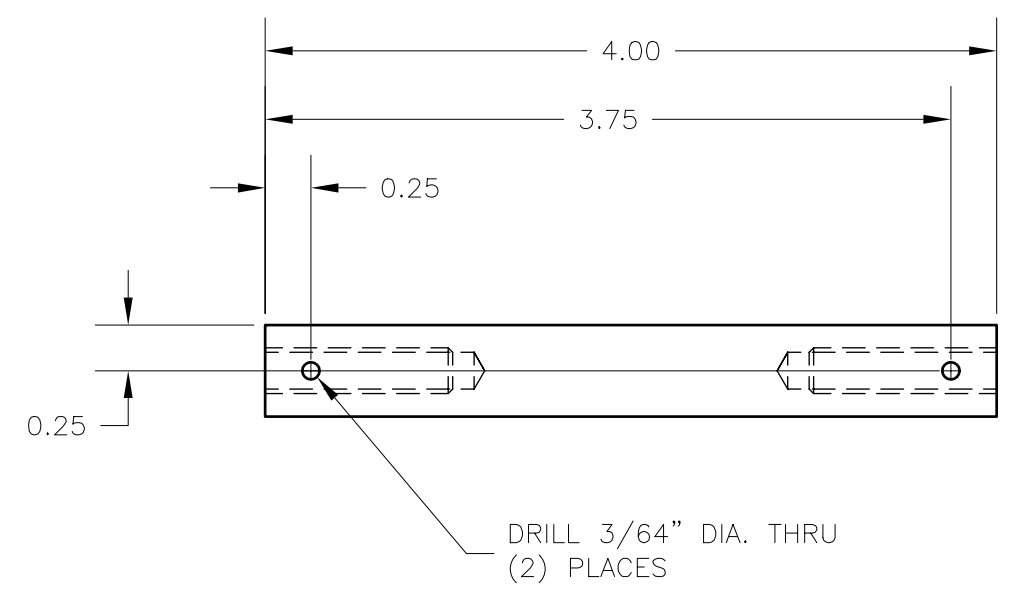
DRILL 9/32" DIA. THRU
(2) PLACES ON CENTER LINE



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 ± ± ±		CONTRACT NO.		<i>LIGO Project</i> <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL <i>Pre-stabilized Laser</i>
MATERIAL		APPROVALS	DATE	
FINISH		DRAWN	ISSUED	SHORT ISOLATION STACK WHOLE COVER PLATE
APPLICATION		CHECKED	SCALE	
DO NOT SCALE DRAWING		P. KING 07/15/00		DWG. NO. D000235-00-D
NEXT ASSY USED ON		SCALE 1:1		REV. SHEET 5 of 13

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

NOTES:
1. DRILL VENT HOLE PRIOR TO TAPPING THREAD.



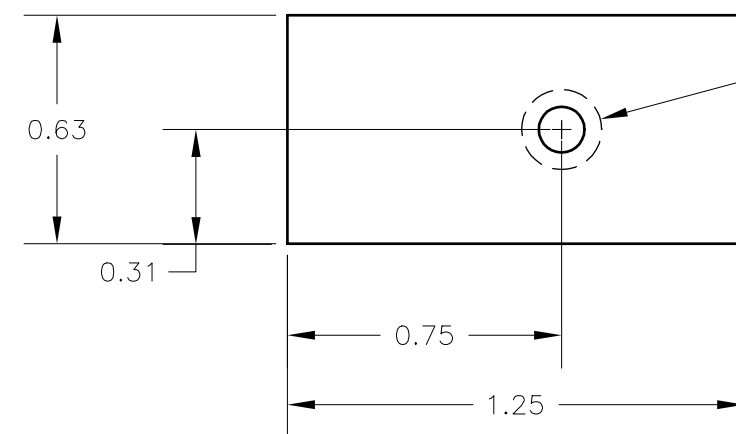
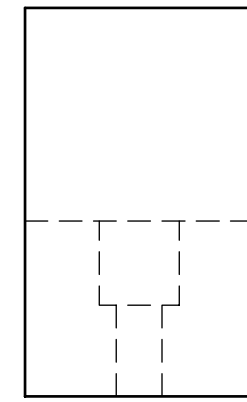
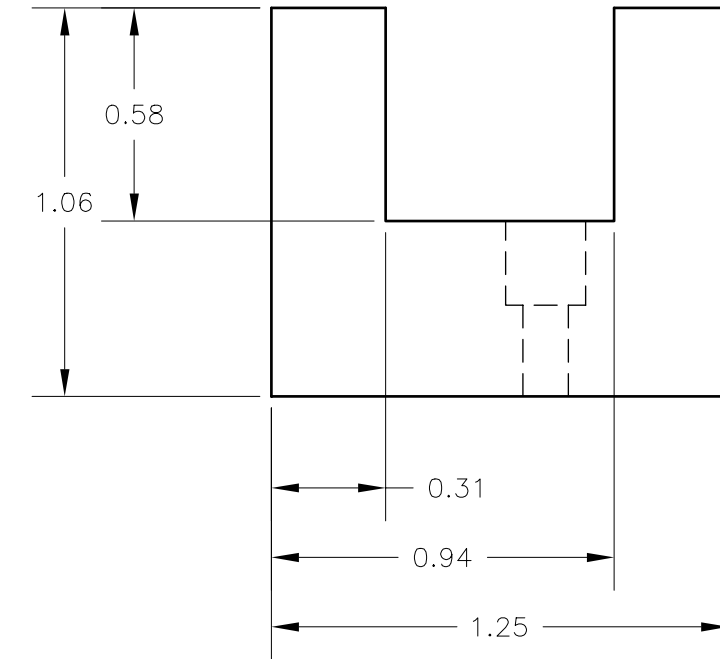
NEXT ASSY	USED ON
APPLICATION	

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.		<i>LIGO Project</i> <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> PSL Pre-stabilized Laser
MATERIAL 304 S.S.		APPROVALS	DATE	
FINISH ELECTROPOLISH		DRAWN P. KING	07/15/00	SHORT ISOLATION STACK SUPPORT POST
DO NOT SCALE DRAWING		CHECKED	ISSUED	SIZE B
				FSCM NO.
				PSL DWG. NO. D000235-00-D
				REV.
				SCALE 1:1
				SHEET 6 of 13

NOTES:

1. NOTE CHANGE OF MATERIAL.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

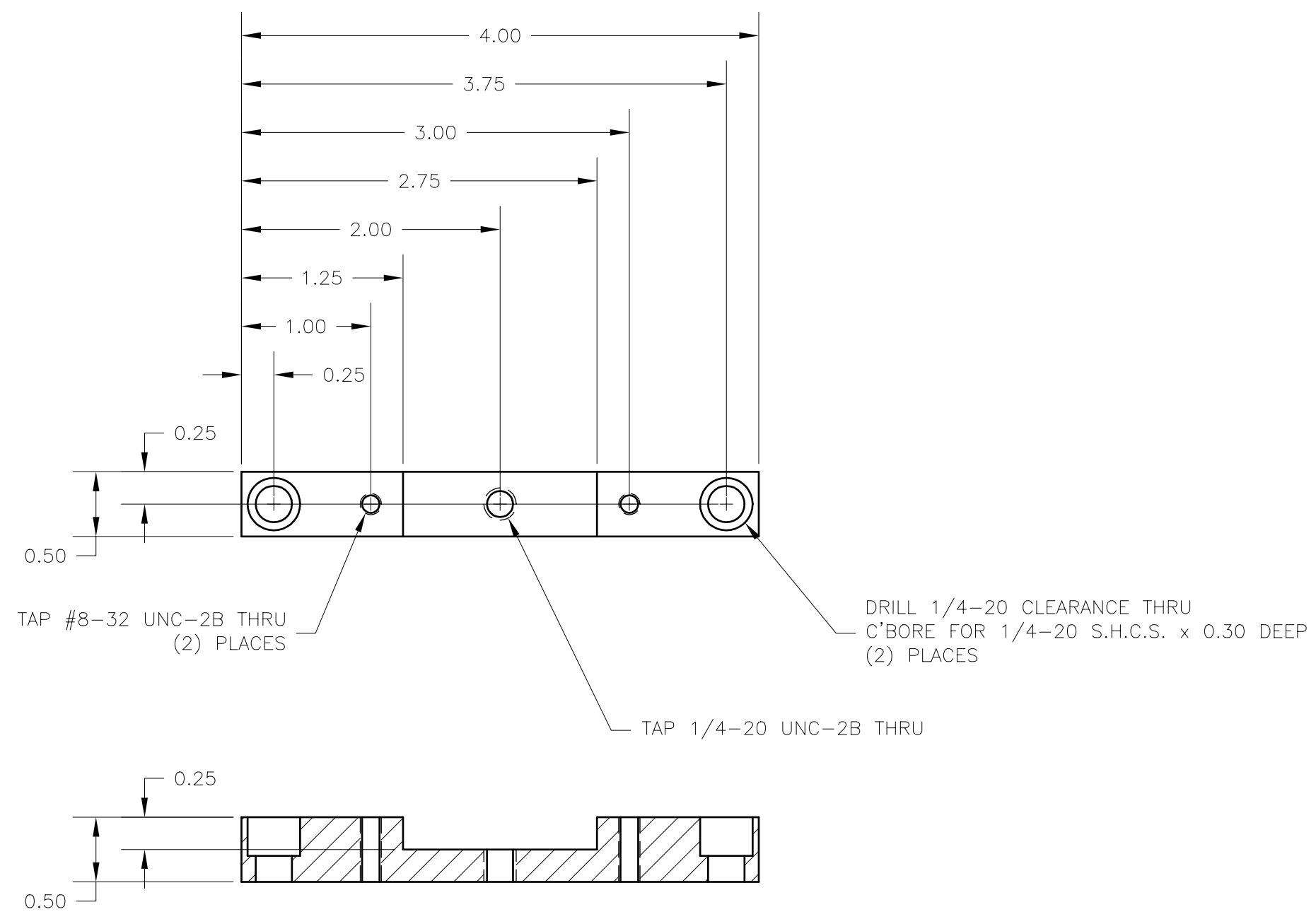


FROM OPPOSITE SIDE
 DRILL 1/8" DIA. THRU
 C'BORE 0.219 DIA. x 0.23 DEEP

NEXT ASSY	USED ON
APPLICATION	

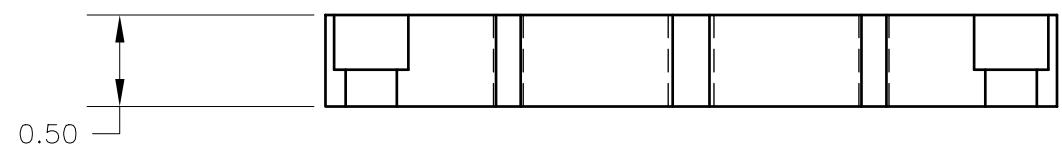
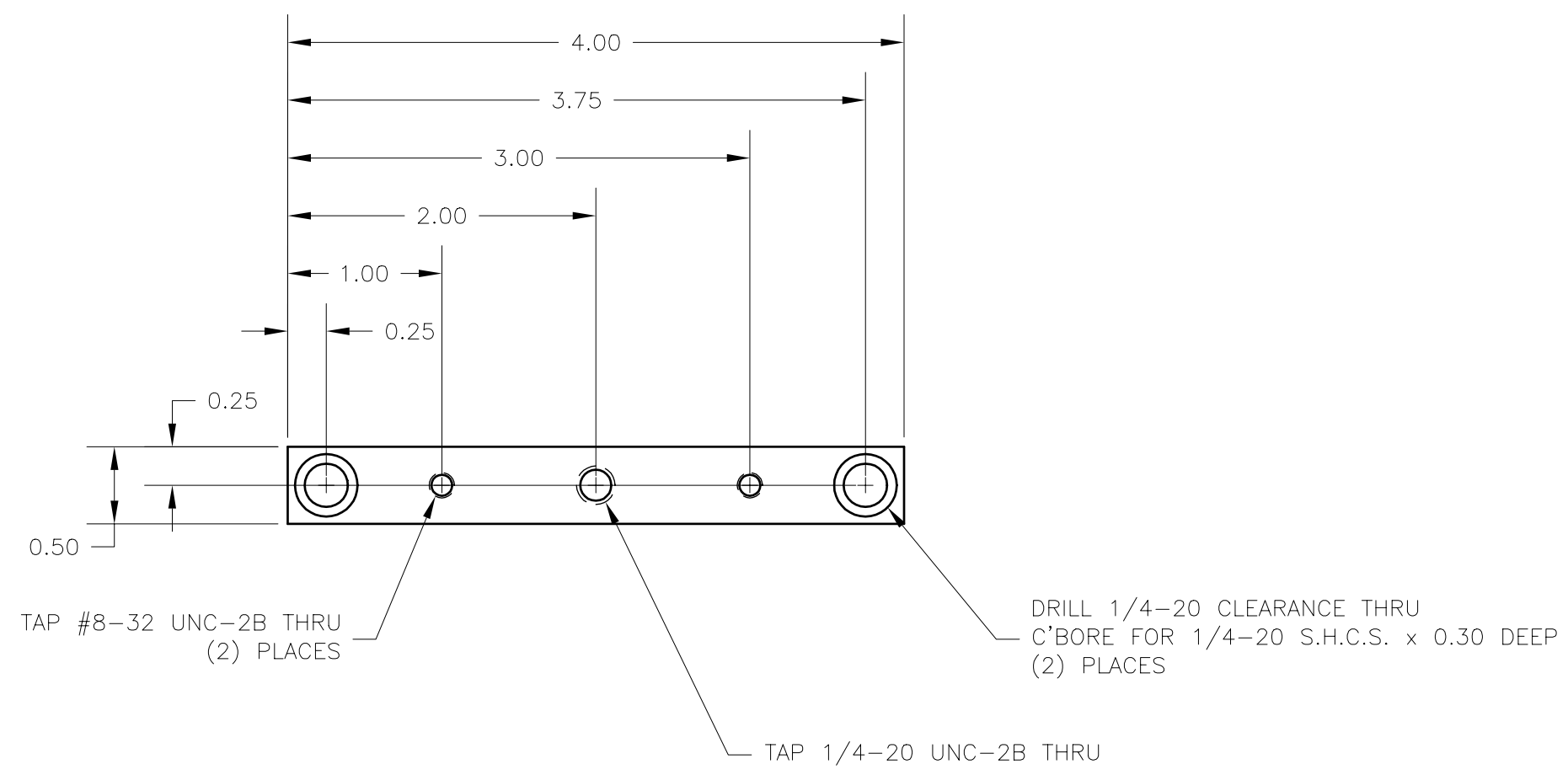
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i> PSL Pre-stabilized Laser
MATERIAL CARBON STEEL		APPROVALS	DATE	
FINISH		DRAWN P. KING	07/15/00	SHORT ISOLATION STACK MOTION DAMPER BRACKET
		CHECKED		
		ISSUED		SIZE B FSCM NO. DWG. NO. D000235-00-D REV.
DO NOT SCALE DRAWING		SCALE 2:1	SHEET 7 of 13	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



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 ± .XXX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> PSL Pre-stabilized Laser <i>Massachusetts Institute of Technology</i>
MATERIAL 304 S.S.		APPROVALS	DATE 07/15/00	
FINISH ELECTROPOLISH		CHECKED	SHORT ISOLATION STACK SUSPENSION CROSS BAR	
NEXT ASSY USED ON		ISSUED		
APPLICATION		DO NOT SCALE DRAWING		SIZE B
				FSCM NO.
				PSL DWG. NO. D000235-00-D
				REV.
				SCALE 1:1
				SHEET 8 of 13

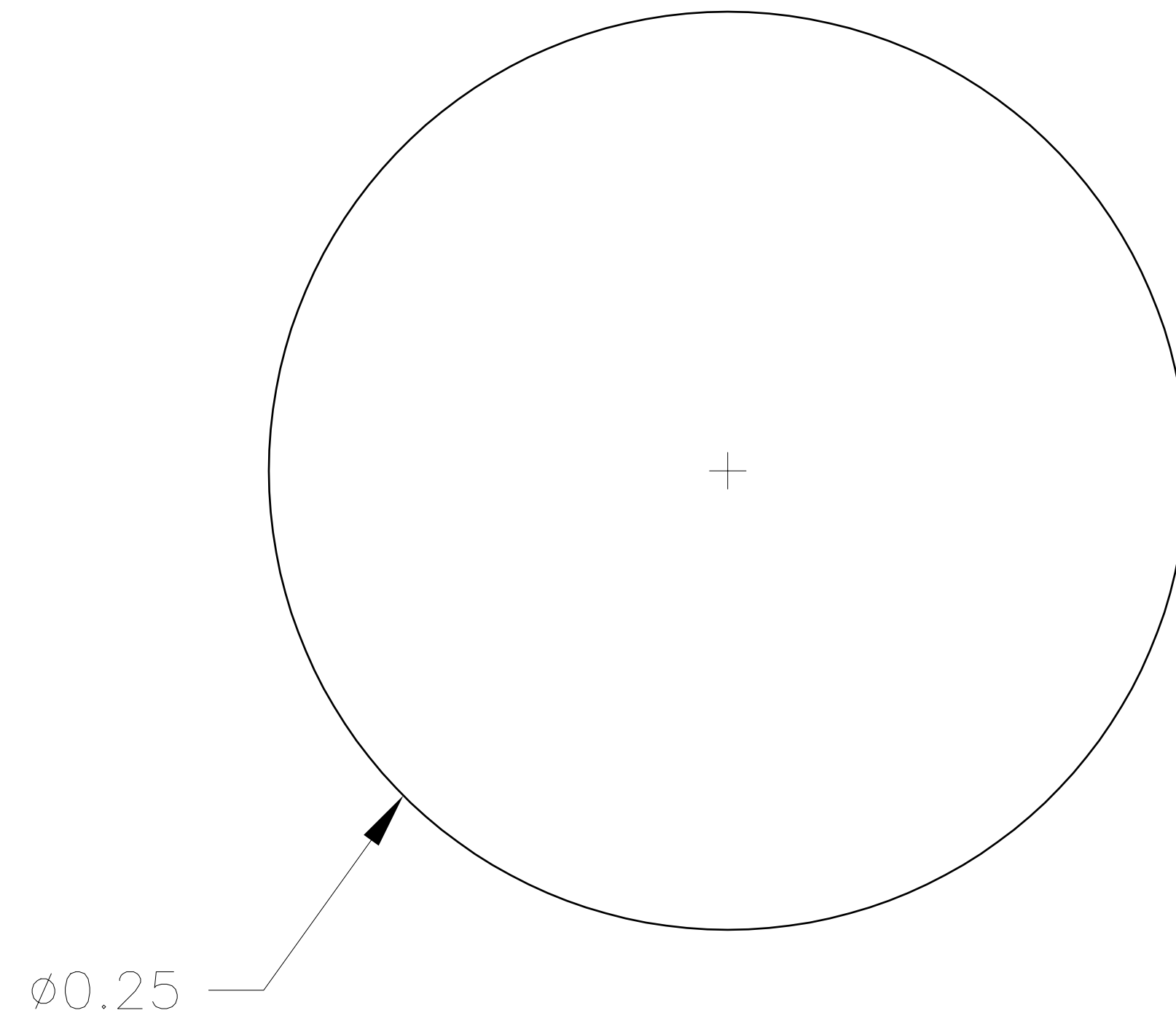
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



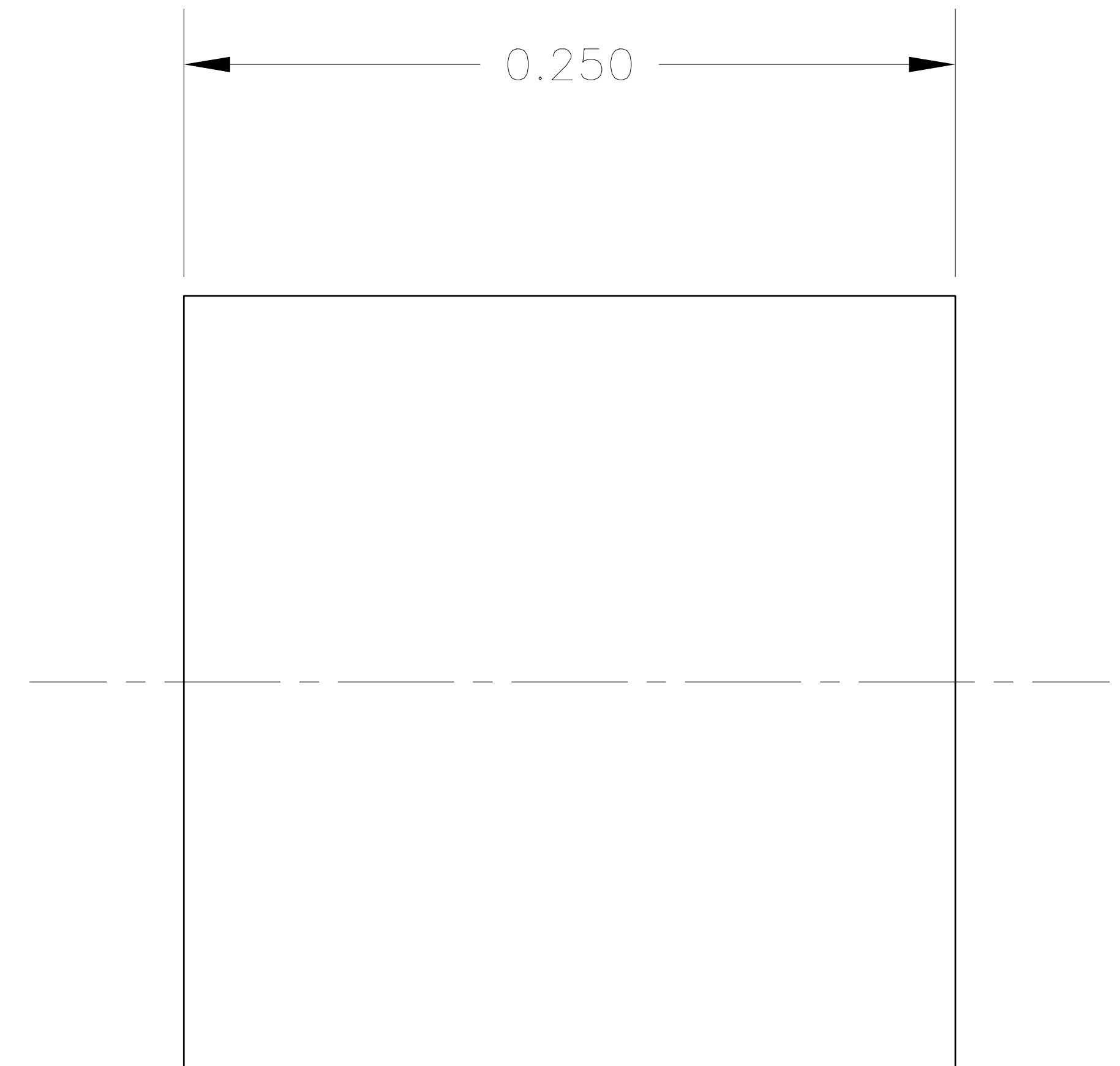
QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX±.01 ± .XXX±.005 .XXXX±.0005		CONTRACT NO.		LIGO Project <i>California Institute of Technology</i> PSL Pre-stabilized Laser <i>Massachusetts Institute of Technology</i>
MATERIAL 304 S.S.		APPROVALS	DATE 07/15/00	
FINISH ELECTROPOLISH		DRAWN P. KING		SHORT ISOLATION STACK SUSPENSION CROSS BAR
NEXT ASSY USED ON		CHECKED	ISSUED	
APPLICATION		DO NOT SCALE DRAWING		SIZE B
				FSCM NO.
				PSL DWG. NO. D000235-00-D
				REV.
				SCALE 1:1
				SHEET 9 of 13

NOTES:

1. THIS DRAWING NOT INTENDED FOR RELEASE.
2. NEODYMIUM DISC FROM THE MAGNET SOURCE (800) 262-4638.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



QTY REQD	FSCM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO.		<i>LIGO Project</i> <i>California Institute of Technology</i> <i>Massachusetts Institute of Technology</i>
FRACTIONS	DECIMALS	ANGLES	APPROVALS	
±	.XX±.01 .XXX±.005 .XXXX±.0005	±	DATE	SHORT ISOLATION STACK NEODYMIUM MAGNET
MATERIAL	FINISH	DRAWN	CHECKED	
NEXT ASSY	USED ON	ISSUED	DATE	
APPLICATION		DO NOT SCALE DRAWING		SIZE A FSCM NO. DWG. NO. D000235-00-D REV.
				SCALE 10:1 SHEET 10 of 13

PSL Pre-stabilized Laser

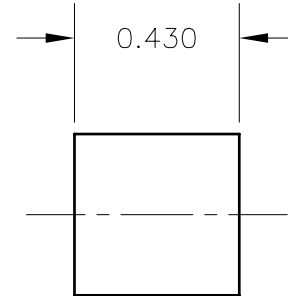
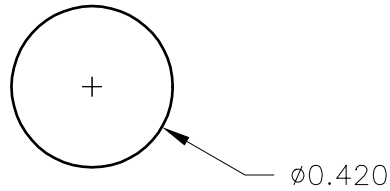
SCALE 10:1 SHEET 10 of 13

NOTES:

- THIS DRAWING NOT INTENDED FOR RELEASE.

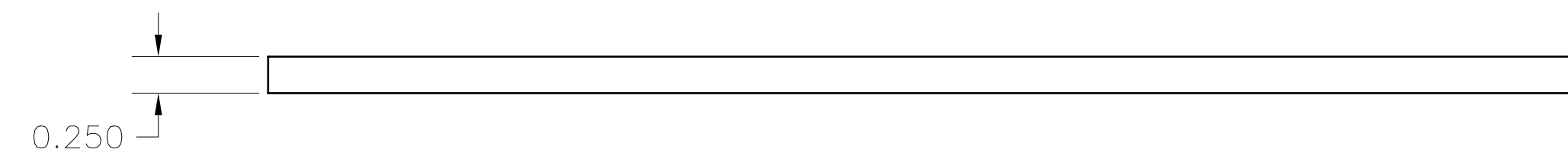
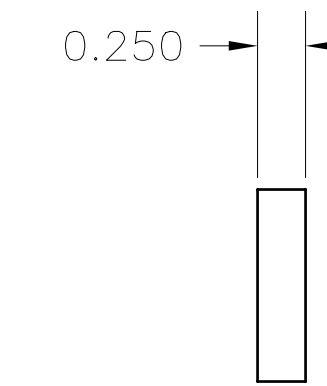
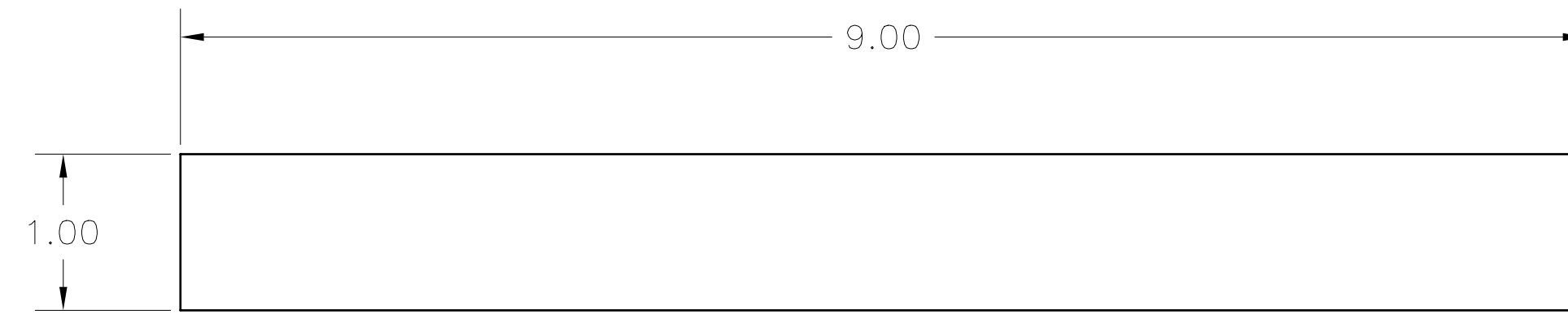
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED



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.		<i>LIGO Project</i> PSL <i>Pre-stabilized Laser</i> <small>California Institute of Technology Massachusetts Institute of Technology</small>
MATERIAL RTV		APPROVALS	DATE	
FINISH		DRAWN P. KING	07/15/00	SHORT ISOLATION STACK RTV SPRING
NEXT ASSY	USED ON	CHECKED	ISSUED	
APPLICATION		DO NOT SCALE DRAWING		SIZE A FSCM NO. DWG. NO. D000235-00-D REV.
		SCALE 2:1		SHEET 11 of 13

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



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.		<i>LIGO Project</i> <small>California Institute of Technology Massachusetts Institute of Technology</small> PSL <i>Pre-stabilized Laser</i>
MATERIAL TEFLON		APPROVALS DRAWN P. KING	DATE 07/15/00	
FINISH		CHECKED	ISSUED	SHORT ISOLATION STACK TEFLON SUPPORTS
NEXT ASSY	USED ON	SCALE 1:1	DWG. NO. D000235-00-D	
APPLICATION		DO NOT SCALE DRAWING		SHEET 12 of 13

