

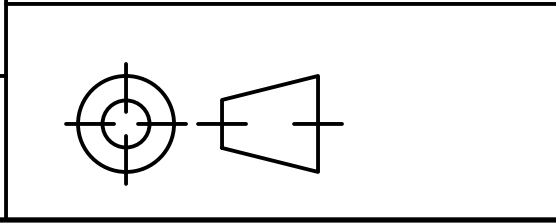
DOCUMENT CONTROL STAMP

MATERIAL  
HAVAR

FINNISH  
DEBUR AND BREAK ALL SHARP EDGES  
ACCEPT AS NOTED

DIM & TOL PER ASME Y14.5 .  
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
FRACTIONS    DECIMAL    ANGLE  
±1/64    .X±0.1    ±0.5'  
          .XX±0.01  
          .XXX±0.005

THIRD ANGLE PROJECTION



APPROVALS

DRAWN  
D. Meekins

CHECKED

DESIGN AUTHORITY

PROJ MAN.

APPROVED

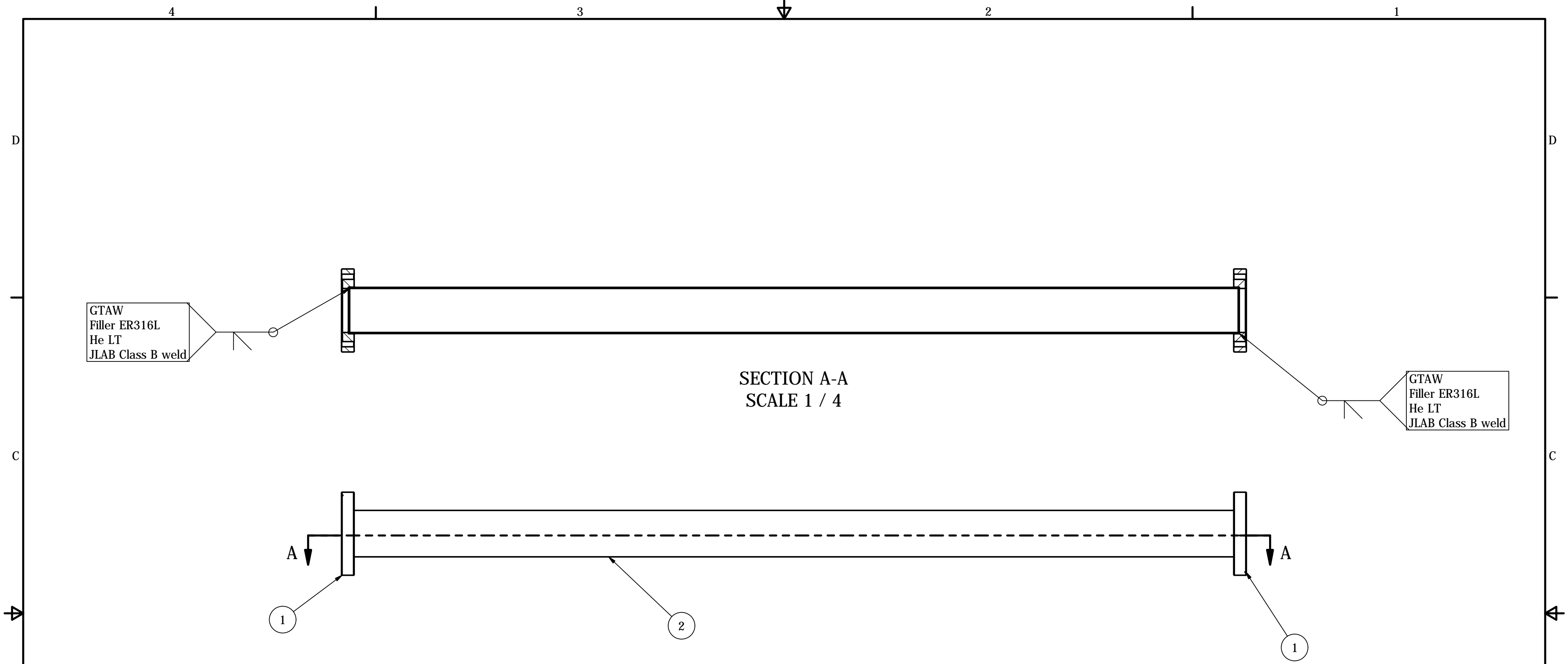
DATE

1/26/2009

JEFFERSON LAB TARGET GROUP  
THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY  
NEWPORT NEWS VIRGINIA  
U.S. DEPARTMENT OF ENERGY

Hall C HKS Target  
HKS Water Cell Target  
Cell Window

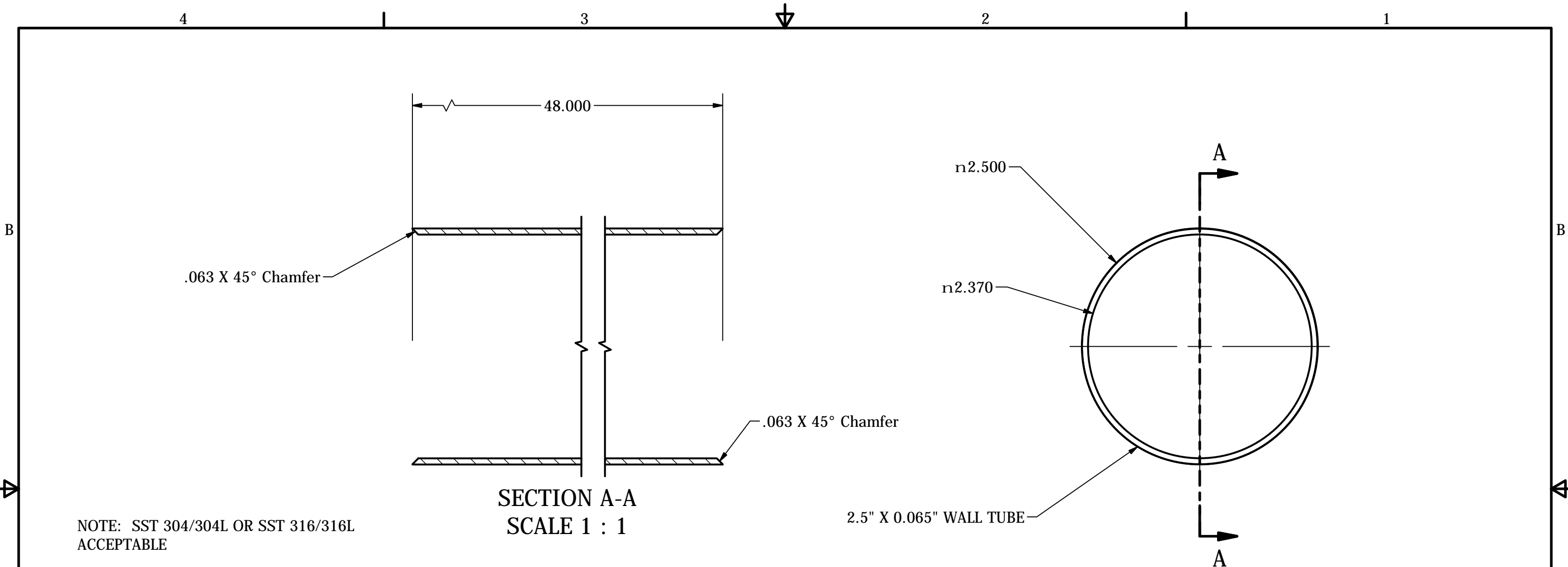
SIZE	DWG NO	REV
B	TGT-310-1001-0001	-
SCALE 4:1	ASSY. NO.	SHEET 1 OF 1



**NOTE:**  
 FIXTURE MUST BE He LEAK  
 TIGHT TO  $< 2 \times 10^{-9}$  mbarr  
 l/s.

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	2	110021	4.5" CF Flange	MDC Vacuum
2	1	TGT-310-1002-0011	HKS Target Leak Check Pump Tube	

DOCUMENT CONTROL STAMP	DIM & TOL PER ASME Y14.5 . UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS    DECIMAL    ANGLE $\pm 1/64$ $.X \pm 0.1$ $\pm 0.5^\circ$ $.XX \pm 0.01$ $.XXX \pm 0.005$	APPROVALS	DATE	JEFFERSON LAB TARGET GROUP THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY NEWPORT NEWS VIRGINIA U.S. DEPARTMENT OF ENERGY	
		DRAWN D. Meekins	1/27/2009		
MATERIAL SST 304/316	THIRD ANGLE PROJECTION	CHECKED		Hall C HKS Experiment HKS Target Leak Check Fixture Assembly	
FINNISH DEBUR AND BREAK ALL SHARP EDGES ACCEPT AS NOTED		DESIGN AUTHORITY			
		PROJ MAN.		SIZE C	DWG NO TGT-310-1002-0001
		APPROVED		SCALE 1:4	ASSY. NO. -
					REV -
					SHEET 1 OF 1



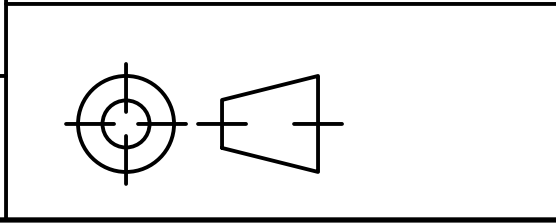
DOCUMENT CONTROL STAMP

MATERIAL  
SST 304

FINNISH  
N/A UNLESS OTHERWISE NOTED  
DEBUR AND BREAK ALL SHARP EDGES  
ACCEPT AS NOTED

DIM & TOL PER ASME Y14.5 .  
UNLESS OTHERWISE SPECIFIED  
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TOLERANCES ARE:  
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                  .XX±0.01  
                  .XXX±0.005

THIRD ANGLE PROJECTION



APPROVALS

DRAWN  
D. Meekins

CHECKED

DESIGN AUTHORITY

PROJ MAN.

APPROVED

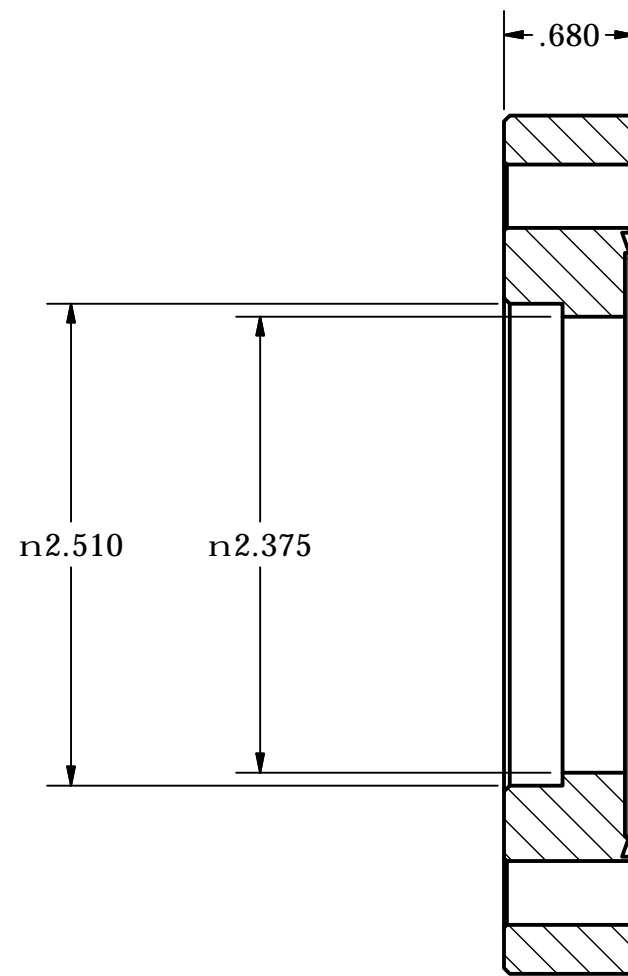
DATE

1/27/2009

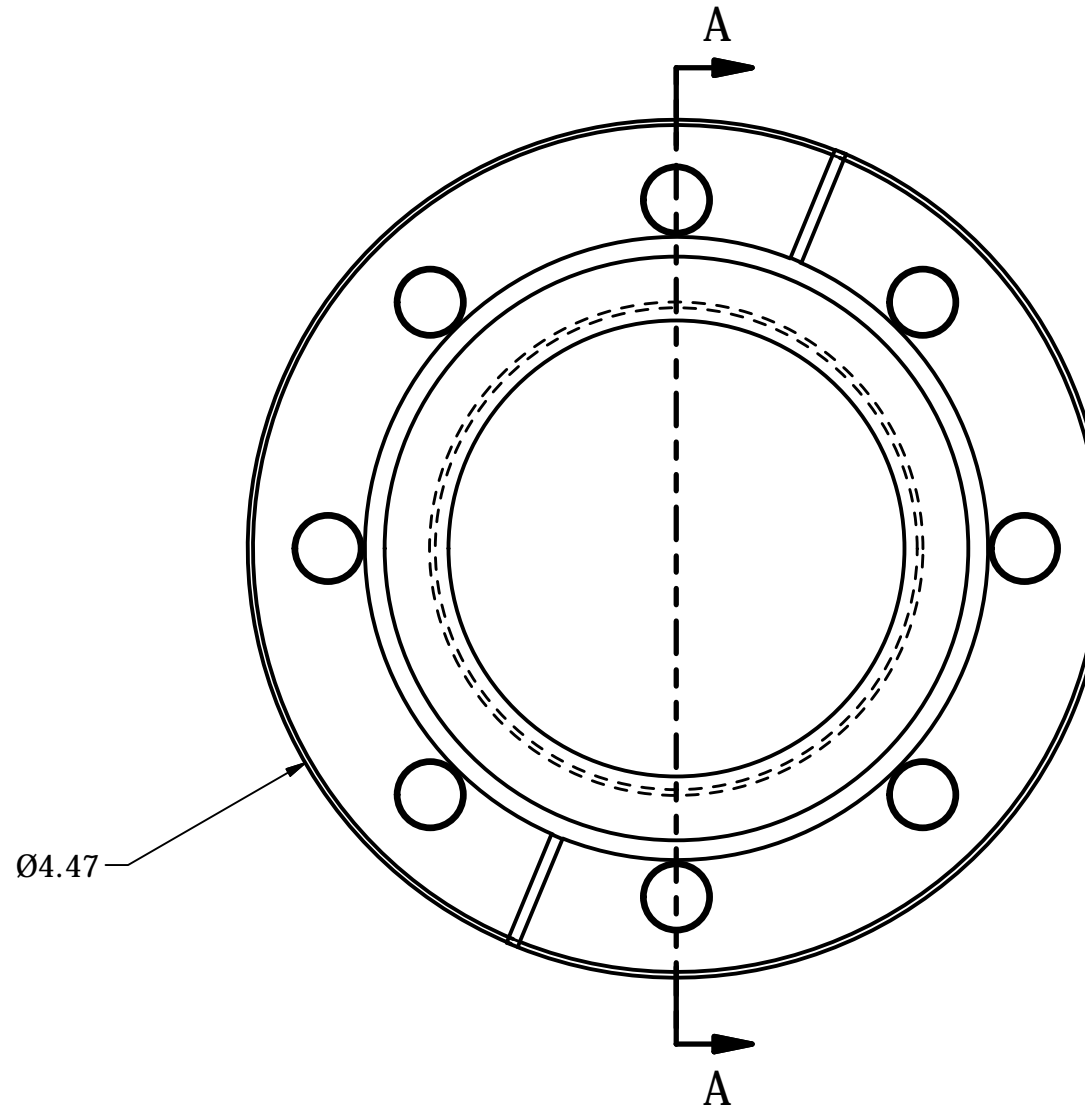
JEFFERSON LAB TARGET GROUP  
THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY  
NEWPORT NEWS VIRGINIA  
U.S. DEPARTMENT OF ENERGY

Hall C HKS Target  
HKS Target Leak Check Fixture  
Pump Tube

SIZE	DWG NO	REV
B	TGT-310-1002-0011	-
SCALE 1:1	ASSY. NO. TGT-310-1002-0001	SHEET 1 OF 1



SECTION A-A  
SCALE 1 : 1



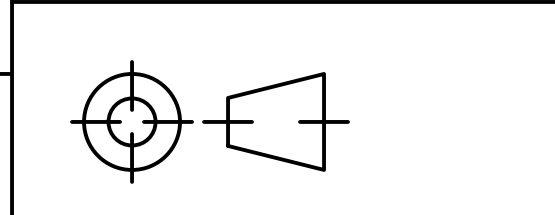
DOCUMENT CONTROL STAMP

MATERIAL  
SST 304

FINNISH  
UNLESS OTHERWISE NOTED  
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THIRD ANGLE PROJECTION



APPROVALS

DRAWN  
D. Meekins

CHECKED

DESIGN AUTHORITY

PROJ MAN.

APPROVED

DATE

1/27/2009

JEFFERSON LAB TARGET GROUP  
THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY  
NEWPORT NEWS VIRGINIA  
U.S. DEPARTMENT OF ENERGY

Hall C HKS Target  
Leak check fixture  
End flange

SIZE	DWG NO	REV
B	TGT-310-1002-0012	-
SCALE 1:1	ASSY. NO. TGT-310-1002-0001	SHEET 1 OF 1