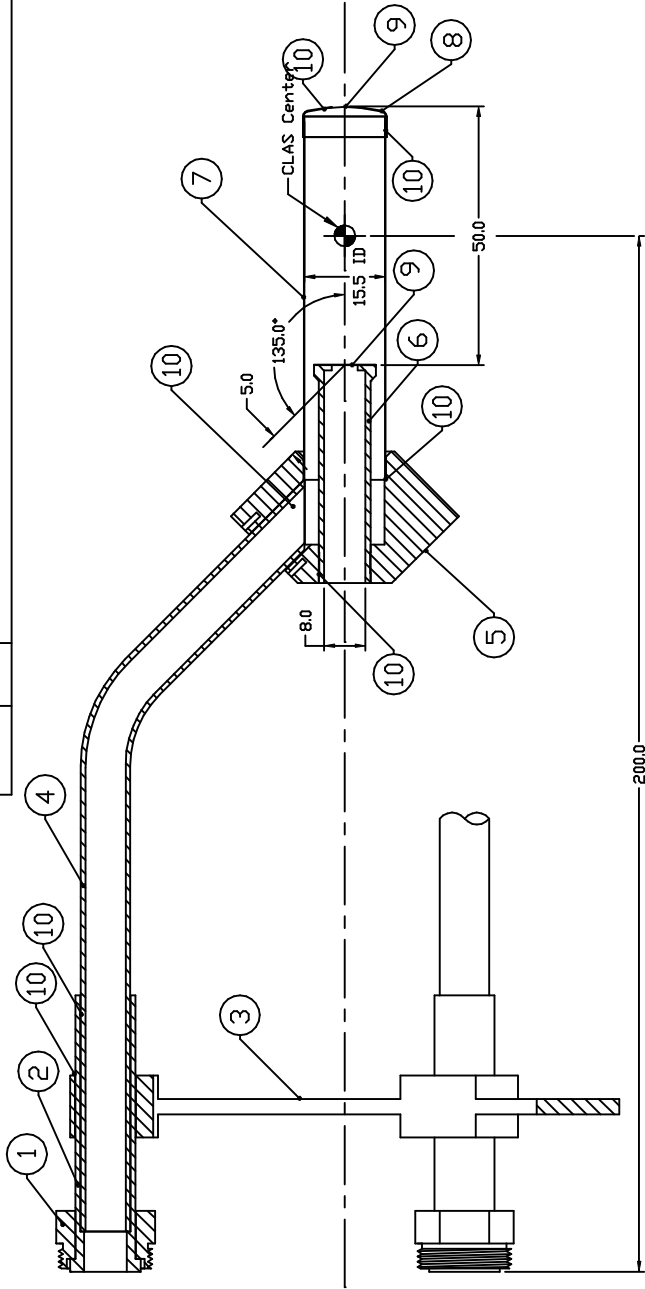


REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED




NOTE

- WINDOWS ARE EPOXIED TO THE INSIDE OF ITEM 10 USING DP-190. SAND THE END CAP BUT NOT THE WINDOW. CLEAN BOTH WITH ACETONE BEFORE ASSEMBLY.
- ASSEMBLED TARGET TO BE COLD SHOCKED IN LN2 3 TIMES THEN PRESSURIZED TO 2 ATM WITH He AND LEAK CHECKED WITH SNIFFER.
- ALIGN THE SEAMS OF THE CELL WALL WITH THE CENTER OF ONE OF THE LEGS.
- CLEAN ALL SURFACES WITH ACETONE BEFORE SANDING. WET SAND METAL SURFACES WITH EPOXY AND 320 GRIT PAPER BEFORE GLUING. SAND POLYMER SURFACES WITH 320 GRIT PAPER BEFORE GLUING. CLEAN ALL POLYMER SURFACES WITH ACETONE AFTER SANDING.

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	NOTES/MATERIAL SPECIFICATION
1	10	3M DP-190 GRAY	EPOXY	0.004-0.005" FILM ON ALL CONTACT SURFACES
2	9	GOODFELLOW, 000392	WINDOW, SEE NOTE 1	15um AL, 99.0% x 12mm dia.
1	8	66850-A-03463	e1-6a TARGET END CAP	
1	7	CUT TO FIT	CELL WALL	0.005" KAPTON FILM, FORM USING TOOLING 66850-A-03460
1	6	66850-A-03458	INNER BASE TUBE	
1	5	66850-A-03457	OUTER BASE TUBE	
3	4	66850-A-03459	DISTRIBUTION TUBE	
1	3	66850-A-03322	GAS MANIFOLD SUPPORT RING	
3	2	66850-A-03259, Rev.A	GLAND	
3	1	66850-A-03259, Rev.A	CONDENSER CONNECTING NUT	

PARTS LIST

DIM & TOL PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN MM TOLERANCES ARE: FRACTIONS DECIMAL ANGLES # .X ± # .XX ± #		CADD I.D. NO. christo\id:\ACAD DRAWINGS\dwg1\ tar_e1_6.dwg	
MATERIAL _____		APPROVALS _____ DATE _____	APPROVED/ORIGINATOR _____ DATE 7/16/01
FINISH <input checked="" type="checkbox"/> UNLESS OTHERWISE NOTED	DEBURR & BREAK ALL SHARP EDGES		
DO NOT SCALE DRAWING			


 Thomas Jefferson National Accelerator Facility
 NEWPORT NEWS, VIRGINIA
 UNITED STATES DEPARTMENT OF ENERGY

e1-6a TARGET CELL ASSEMBLY

SIZE DWG. NO. REV. REV. -
 A 66850-A-03456
 SCALE 2:3 USED ON ASSY NO. 66840-E-03464 SHEET 1 OF 1