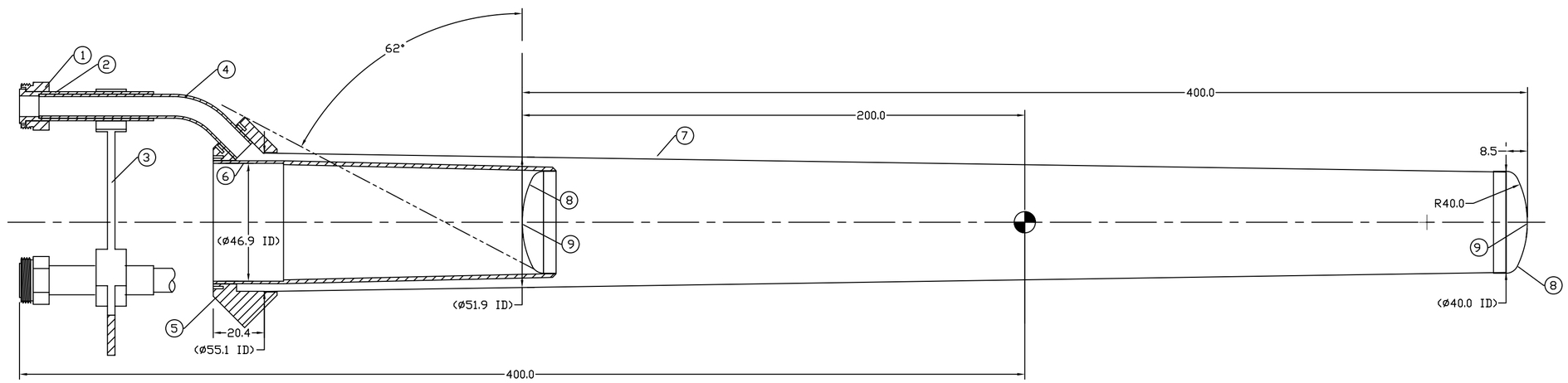
DWG. NO.	66850-C-04070	SHT. 1	REV. —

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED



Note:

1) Use tooling 66850-C-04071 to form item 7. Cut Kapton with 5 mm overlap on the seam and 2-3 mm longer than the form. Use mold release agent on form then wrap Kapton tightly and glue seam using DP-190. Use Mylar tape to hold seam while epoxy cures. Trim ends of Kapton to ends of form when epoxy has cured.

Total Volume = 720.5 cu.cm.

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	NOTES/MATERIAL SPECIFICATION
—	10	3M DP-190 GRAY	EPOXY	0.001-0.005" FILM ON ALL CONTACT SURFACES
2	9	GOODFELLOW, 000392	ELECTRON BEAM WINDOW	15um Al., 99.0% x 10mm dia. Glue to inside of item 10.
2	8	66850-A-02982 s1, rev B	END CAP	0.005" KAPTON, 5MM HOLE ON CENTER
1	7	———	CELL WALL	0.005" KAPTON, SEE NOTE 1
1	6	66850-A-04072	INNER BASE TUBE	———
1	5	66850-A-02981 s2, rev A	OUTER BASE RING	———
3	4	66850-A-02981 s6, rev A	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 MILLIMETERS TOLERANCES ARE:

FRACTIONS	DECIMAL	ANGLES
±	.X ± .1	± 1.0°
	.XX ±	

MATERIAL ———

FINISH √ UNLESS OTHERWISE NOTED

DEBURR & BREAK ALL SHARP EDGES

DO NOT SCALE DRAWING

CADD I.D. NO. christo\\c:\ACAD DRAWINGS\dwg1\tar_g11a_final.dwg

APPROVALS	DATE
DRAWN s. christo	3/3/04
CHECKED DHK	3/24/04
APPROVED/ORIGINATOR s. christo	3/24/04
APPROVED DHK	3/24/04

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

CLAS CRYOTARGET g11a TARGET CELL ASSEMBLY

SIZE	DWG. NO.	REV.
C	66850-C-04070	—

SCALE 2:3 | USED ON ASSY NO. VARIOUS | SHEET 1 OF 1