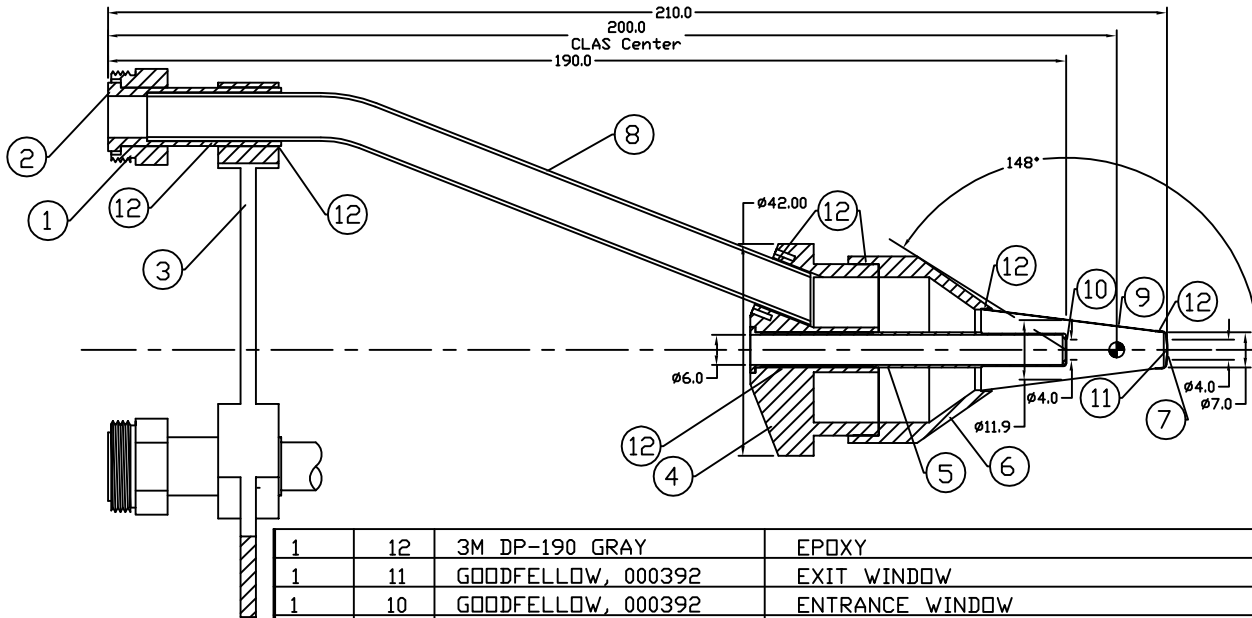


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



TOTAL TARGET ASSEMBLY VOLUME=  
43.26 CU. CM.

QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	NOTES/MATERIAL SPECIFICATION
1	12	3M DP-190 GRAY	EPOXY	0.001-0.005" FILM ON ALL CONTACT SURFACES
1	11	GOODFELLOW, 000392	EXIT WINDOW	15um Al., 99.0% x 7mm dia. Glue to inside of item 7.
1	10	GOODFELLOW, 000392	ENTRANCE WINDOW	15um Al., 99.0% x 7mm dia. Glue to end of item 5.
1	9	CUT TO FIT	CELL WALL	0.002" KAPTON FILM, FORM USING TOOLING 66850-A-03507 AND 03511
3	8	66850-A-03512	DISTRIBUTION TUBE	
1	7	66850-A-03513	CELL END CAP	
1	6	66850-A-03730	BASE CONE	
1	5	66850-A-03729	BASE TUBE	
1	4	66850-A-03728	BASE RING	
1	3	66850-A-03322	GAS MANIFOLD SUPPORT RING	
3	2	66850-A-02984	GLAND	
3	1	66850-A-02984	CONDENSER CONNECTING NUT	

Notes

- Clean all surfaces with acetone before sanding. Wet sand metal surfaces (except for the windows) 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.
- Align the seam of the cell wall with the center of the top leg.
- Use cell centering fixtures, as shown on Shts. 2 & 3 of this drawing to keep cell wall centered during assembly.

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\\d:\ACAD DRAWINGS\dwg1\tar_ele_final.dwg	
	APPROVALS	DATE
MATERIAL	DRAWN s. christo	9/11/02
FINISH <input checked="" type="checkbox"/> UNLESS OTHERWISE NOTED DEBURR & BREAK ALL SHARP EDGES	CHECKED DHK	9/13/02
	APPROVED/ORIGINATOR s. christo	9/12/02
	APPROVED DHK	9/13/02

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

e1-e TARGET CELL  
ASSEMBLY

SIZE A	DWG. NO. 66850-A-03727	REV. —
SCALE 2:3	USED ON ASSY NO. 66840-E-03726	SHEET 1 OF 3

DO NOT SCALE DRAWING