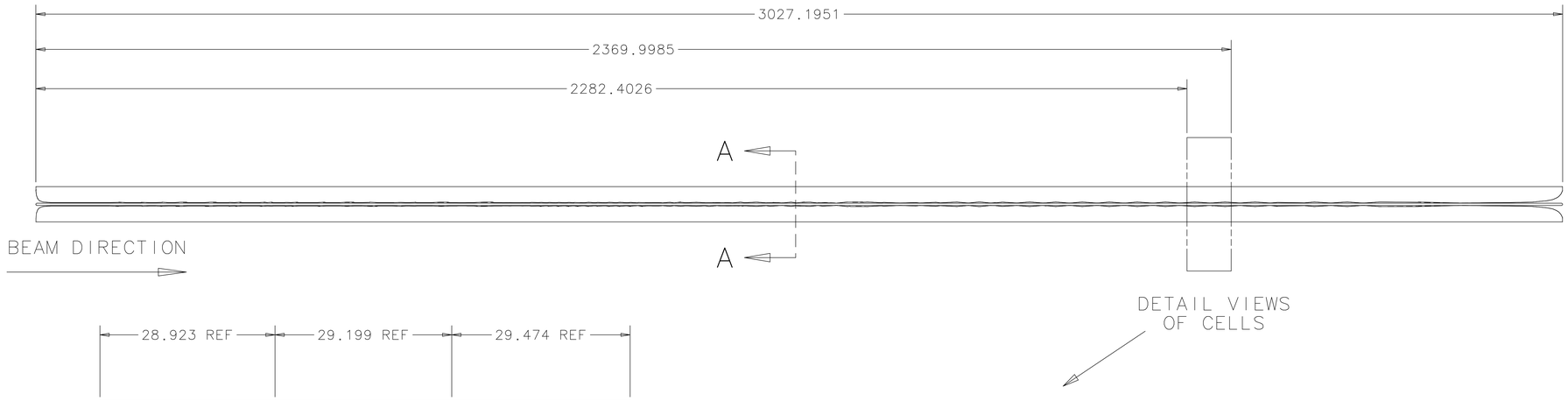
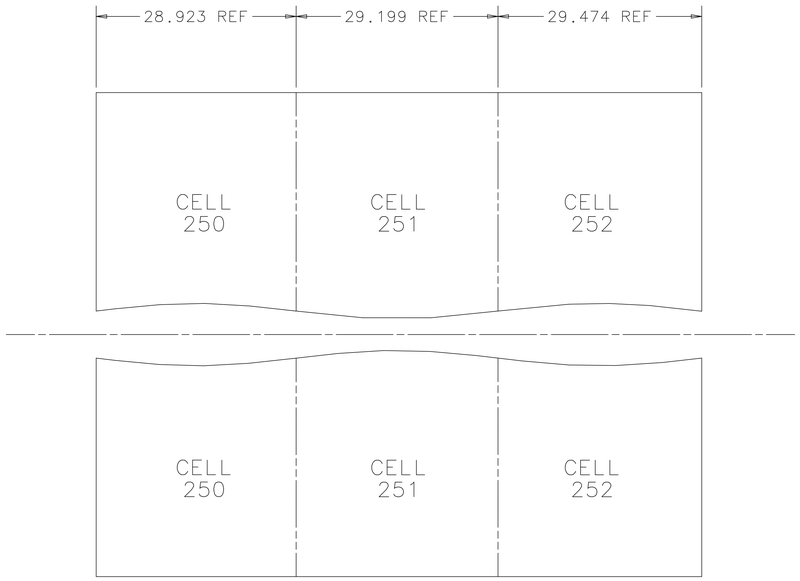
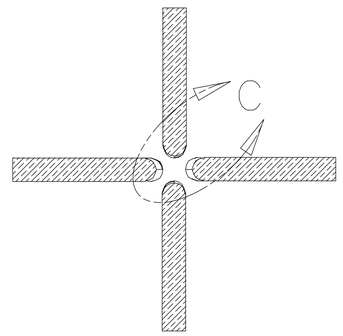
REV	DESCRIPTION	DRAWN	DATE
	ER NO. 8220	APPROVED	DATE





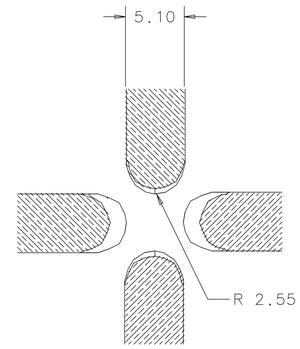
VERTICAL VANE MODULATION FOR GIVEN CELLS

SCALE: 3:1



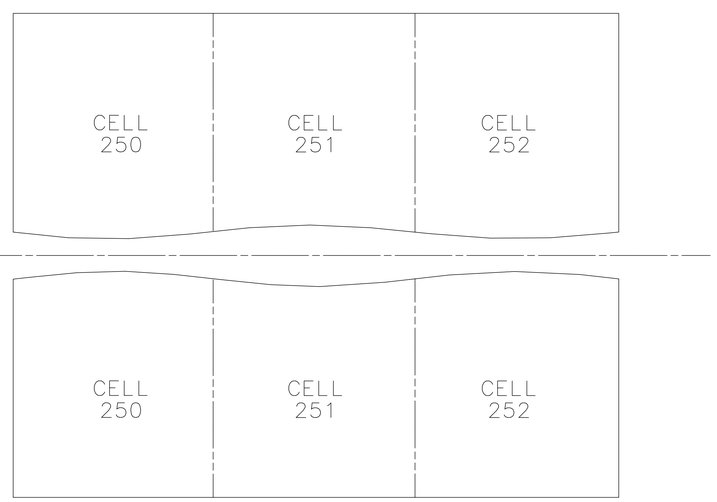
SECTION A–A

SCALE: 1:1



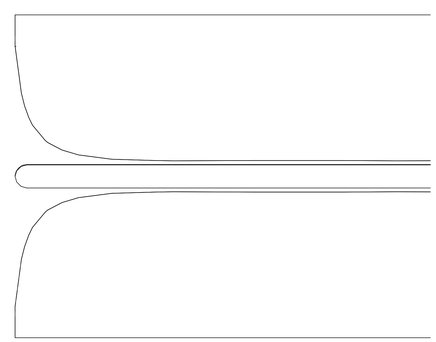
DETAIL: C

SCALE: 5:1



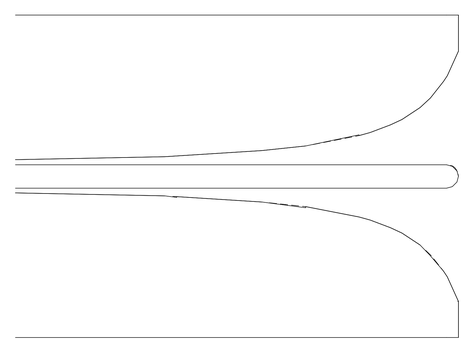
HORIZONTAL VANE MODULATION FOR GIVEN CELLS

SCALE: 3:1



INPUT RADIAL MATCHER

SCALE: 2:1



OUTPUT RADIAL MATCHER

SCALE: 2:1

NOTES:

1) MECHANICAL ACCURACY OF VANES: ± 50 μm (MAX.)
2) VANE ACCURACY AFTER ASSEMBLY: ± 50 μm (RMS)
3) VANE SURFACE FINISH: 32 MICROINCH (0.80 μm)
4) RFQ TECHNICAL SPEC.: 5500-ES-371025.
5) VANE MODULATION SPEC.: 5500-ES-371026.

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	T.PAGE	18-NOV-2005
	DRAWN	G.DAVIS	18-NOV-2005
± ± ±	CHECKED		
1. BREAK ALL SHARP EDGES MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON 4. MAX. ALL MACH. SURFACES √ 5. DRAWING UNITS: MM	APPROVED	T.NICOL	21-DEC-2005
	USED ON		
	MATERIAL		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

PROTON DRIVER - FRONT END
RADIO FREQUENCY QUAD (RFQ)
VANE MODULATION

SCALE	DRAWING NUMBER	SHEET	REV
	5520.000-ME-440197	1 OF 1	

CREATED WITH : Ideas11NXSeries GROUP: TD/DDCIS-DESIGN-COMPUTING

2:39:10 p.m. 12-21-05